



*Saves Your Energy*

# EnstoNet

## Prefabricated Installation Systems 2011





### Ensto provides solutions for Home And Business

The Ensto solution range includes electricity products and systems for homes and office buildings. Safety, functionality and energy efficiency are the focal points of R&D at Ensto.

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# EnstoNet Installation

## for Office and Commercial Buildings



The EnstoNet electricity distribution systems with fast installation have been developed in close cooperation with our customers.

### Expanding for your benefit

The range of prefabricated components and devices featuring various functionalities is constantly expanding for your benefit.

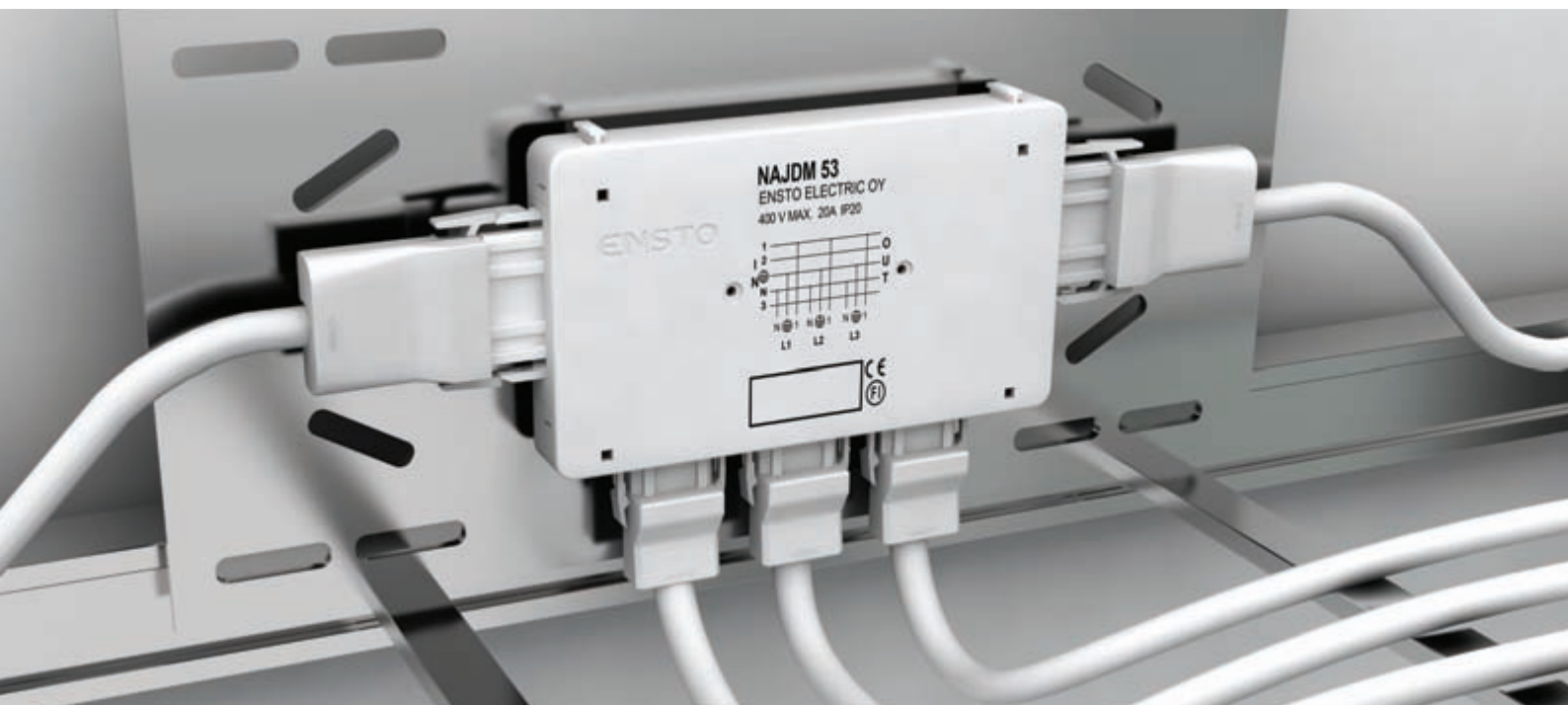
We offer safe and easy to use solutions for power distribution in various voltages or

modes. Our flexible and modifiable solutions ensure easy adaptation to the changing schedules and plans of the construction industry.

Ensto is your choice for safety, functionality and energy efficiency.

# Benefits

## of EnstoNet Installation



Enabling easy connection and coupling, the EnstoNet components require only a fraction of the traditional on-site installation time.

### Less on-site work

The EnstoNet Installation system is based on prefabricated components. Standard-length prefabricated leads are wired from the group electricity distribution cabinet with installation couplers all the way to the points of use. Light fittings and the related controls are wired as individual groups and socket groups and other devices as separate supplies.

For you, EnstoNet means less on-site work. The core component of the installation system is the coupler, and there are dozens of different types of connectors and couplers for various distribution needs. Connected devices, such as light fittings, are factory-installed with the desired coupler, enabling fast and easy on-site installation.

### Good modifiability

The EnstoNet Installation system provides the easiest, most cost-efficient and the fastest way to rearrange, expand or re-install an existing network. Since no waste requiring disposal at extra cost is generated, the objective of an environmentally friendly lifecycle policy is achieved.

### Fast installation

With tight schedules and changing plans, installation based on advanced prefabrication gives you the advantage of smooth adaptation to changes. Enabling easy connection and coupling, the EnstoNet components require only a fraction of the traditional on-site installation time.

# Versatile Applicability

The core component of the EnstoNet Installation system is the coupler.

The core component of the EnstoNet Installation system is the coupler, which is available in numerous variations, all developed with a view to the safe parallel use of several distribution systems within a building.

The power distribution for light fittings is probably the most common application of the EnstoNet Installation system, but it is also being increasingly applied to the socket outlet systems of office environments.

Several other operations, such as various control functions and wirings for heating and cooling systems can be performed flexibly and quickly using the EnstoNet Installation system.

## Typical application environments include:

- offices
- business centers
- stores
- hotels
- schools
- trade fair and exhibition spaces



# Coupler According to Purpose

## Three mechanical codes

The safe parallel operation of various building technology systems is an absolute prerequisite for coupler installation. To this end, three coupler models with different mechanical capacities have been created. The models are distinguished by mechanical codes and colors, which are A for white and black couplers, B for blue and beige

couplers, and C for grey and red couplers. The designation of each coupler includes the coupler code.

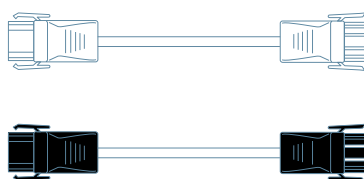
## Selecting couplers for different applications

Using the codes and colors, the number of different systems can be increased and their

identification improved, making installation even smoother. In addition, the identifying markings of the couplers support their use in various applications. The following is an illustration of the use of the different systems in EnstoNet Installations.

### Code A, white and black couplers

The white and black series are mainly meant for lighting and socket outlet distribution connections.



- **Power supply**  
Product types: NAL.....
- **Secured supply (UPS)**
- **Safety or emergency lighting (230 V)**  
Product types: NAL.....B

### Code B, blue couplers

The blue series is meant for use in various control applications. The series can also be used for other distribution connections when specified by an electrical engineer. The beige couplers are meant for use as an additional series, if necessary.



- **Controls** (switch, motion detector, other 230 V control)
- **Supply for specified use by designer**  
Product types: NBL.....S

### Code C, grey couplers

The grey series can be used for connecting the power supply and its control circuit within the same wiring. The red couplers are meant for use as an additional series if necessary.

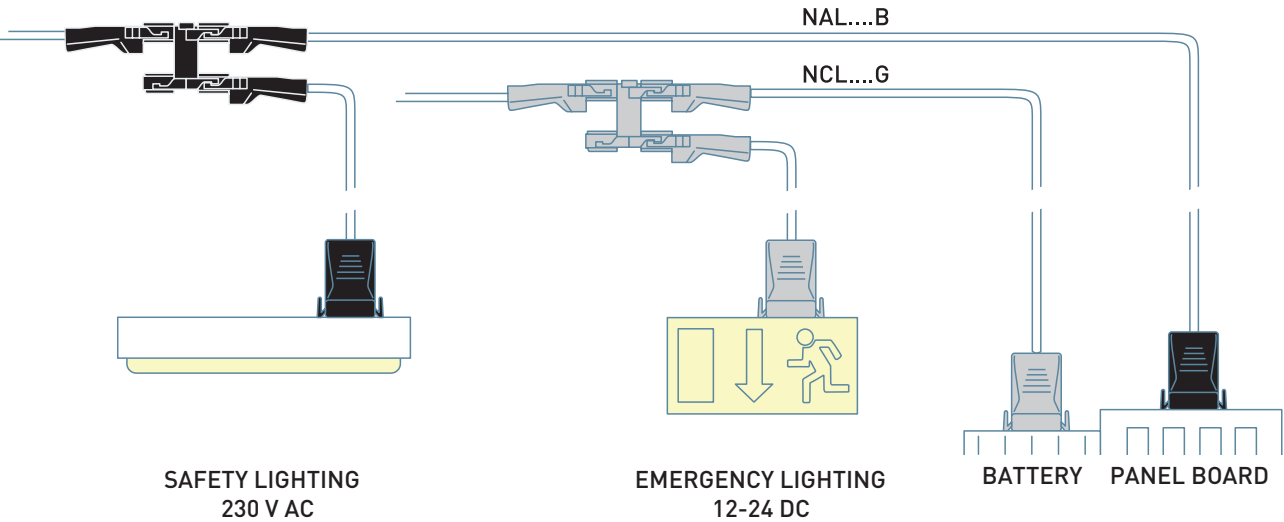
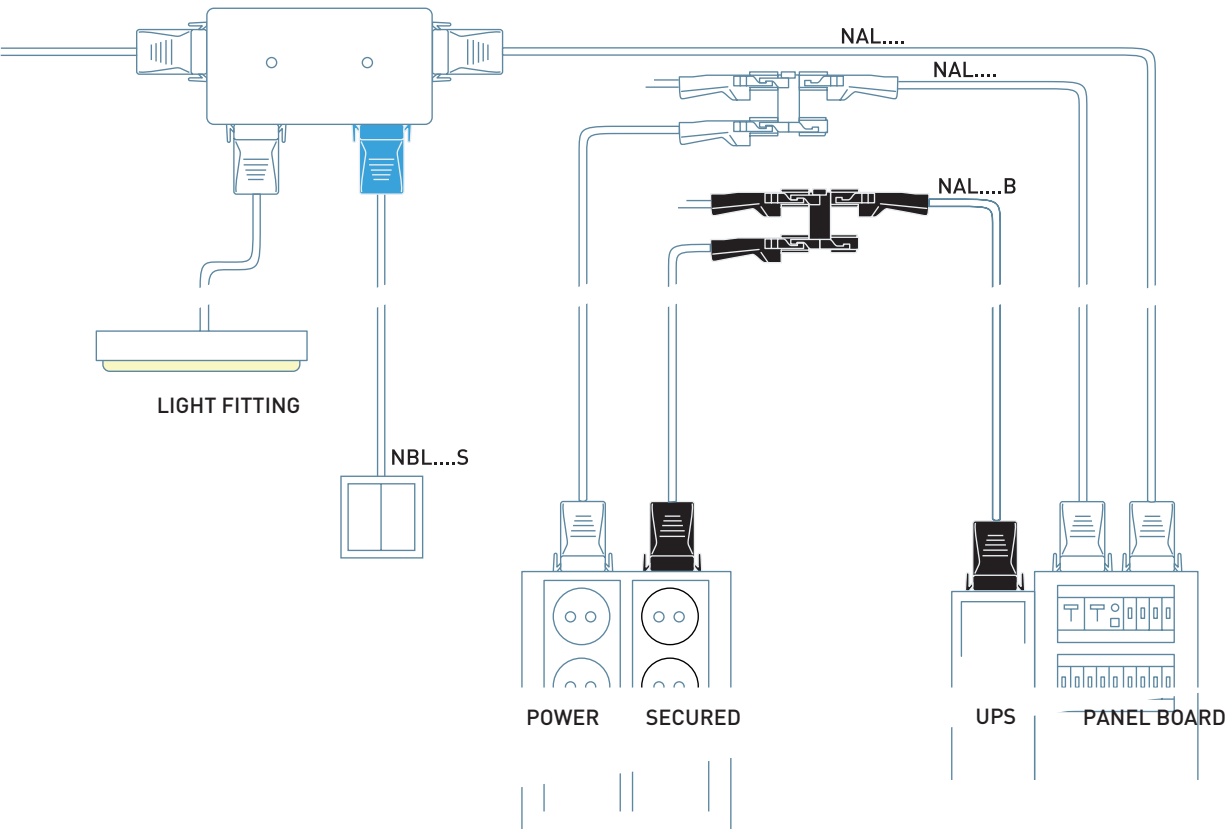


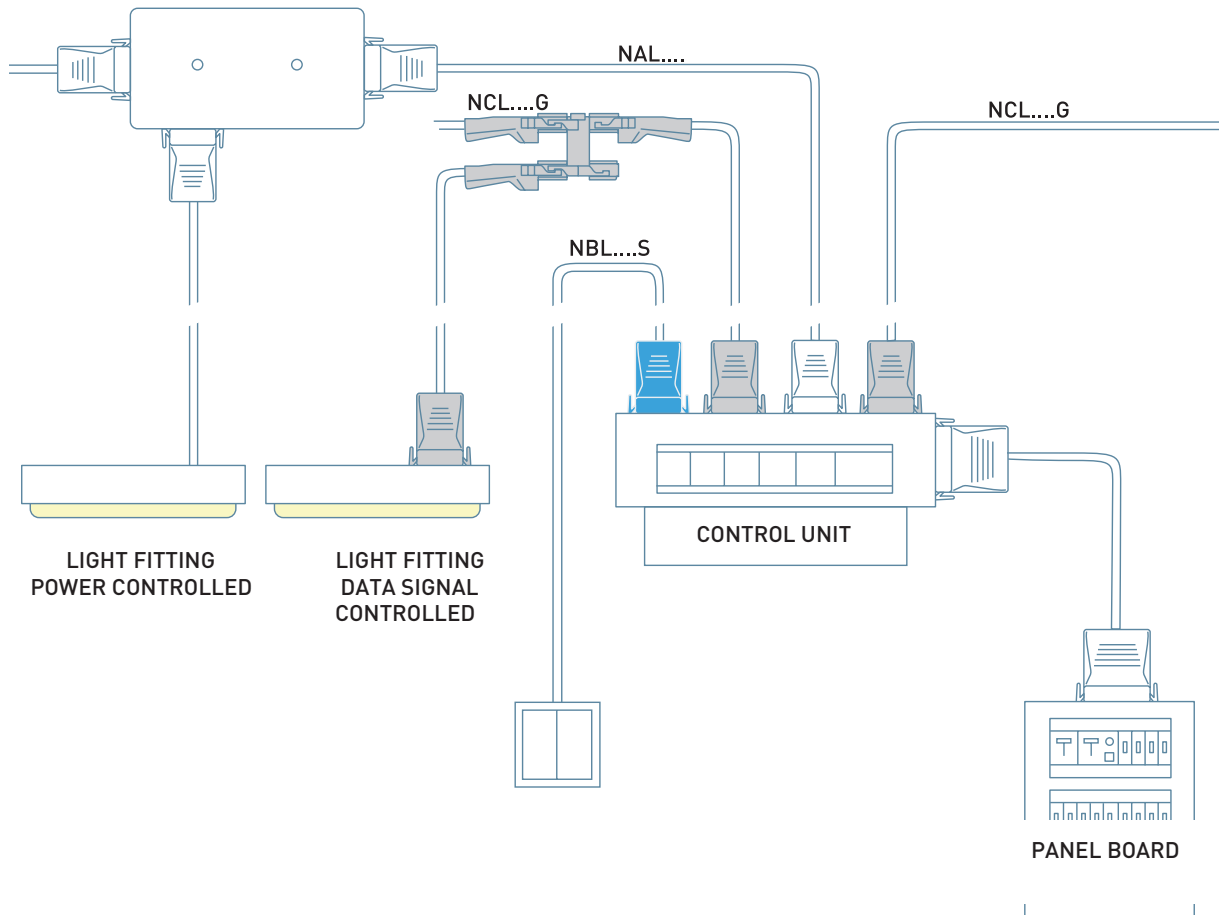
- **Power / small voltage controls** (EIB, LON, DALI, other data signals, dimming, etc)
- **Safety or emergency lighting** (24 V supply)  
Product types: NCL.....G

See product code key on page 35.

# Installation System

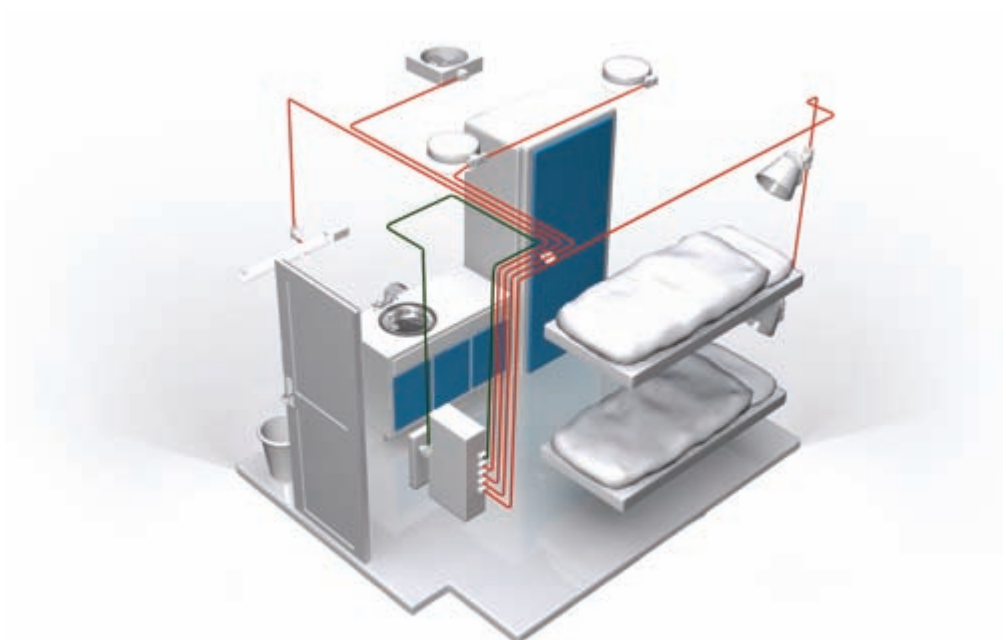
## Recommended Usage and Colour Codes



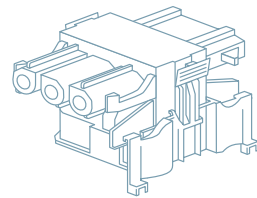
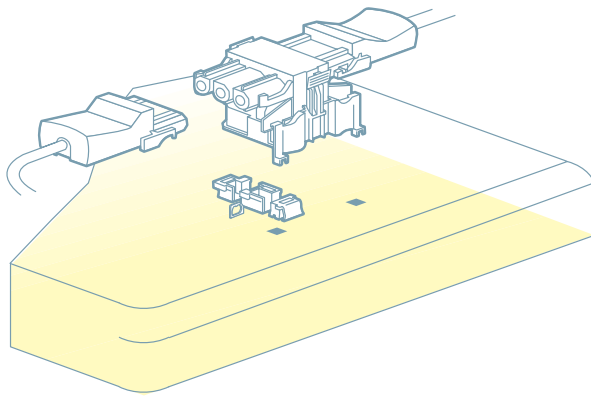


EnstoNet installation system is proved to be well applicable in electrical installations in serial production. Typical objects are e.g. ship cabins, hotel rooms and different emergency lodgings and temporary accommodation where complete elements are transported to their places as separate modules.

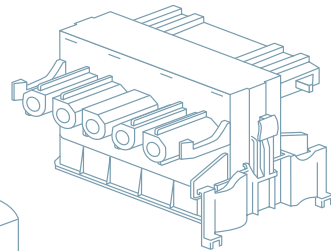
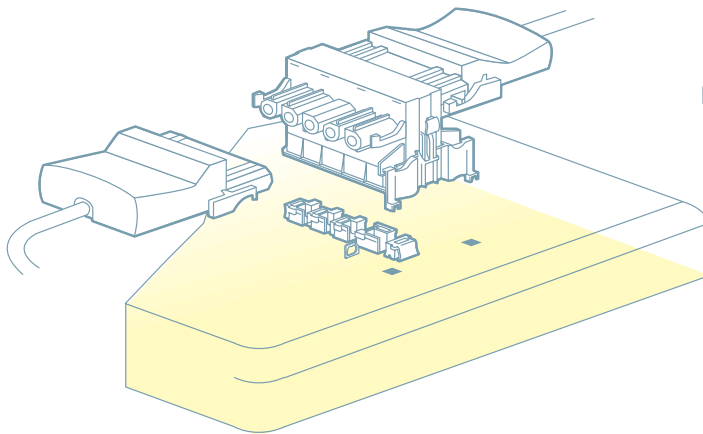
The ship cabins complete with walls, ceilings, cables, lighting fixtures and interior details are assembled in a factory and the prefabricated cabin modules are placed aboard the ship and connected to the electrical network using EnstoNet couplers. The prefabricated coupling enables considerably faster electrical installation, both in the cabin production unit and on the ship.



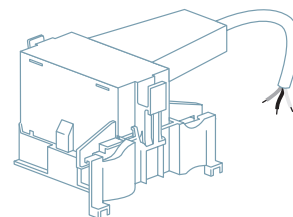
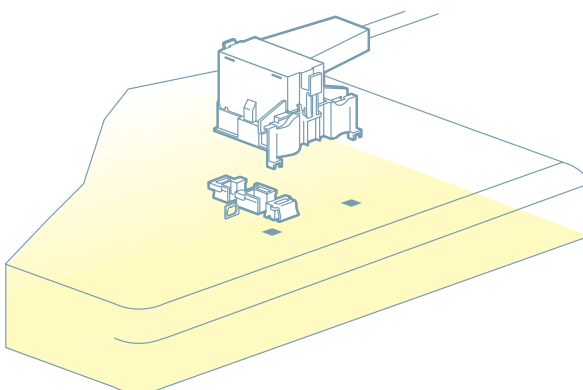
# Light Fitting Connections



NAD3LA.W 

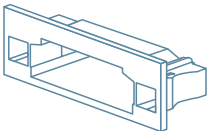
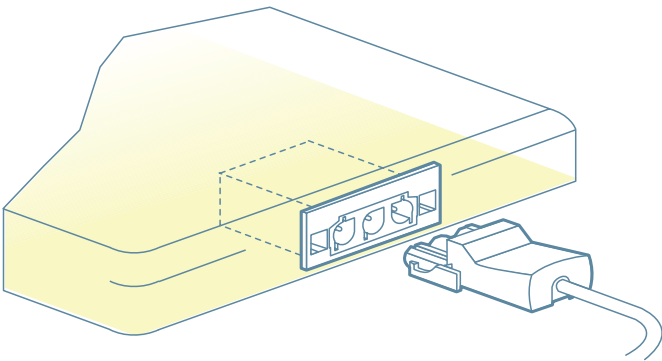


NCD5LI.G 

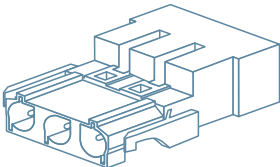


NAD3LAS.W 

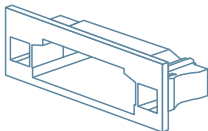
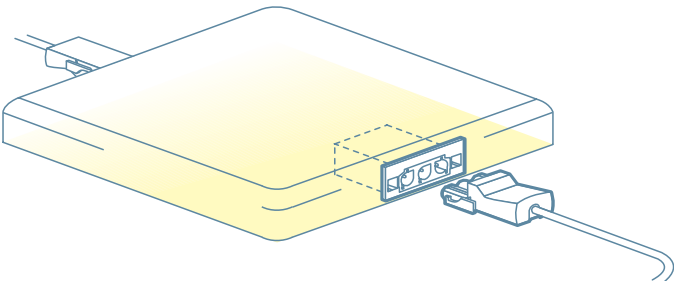
# Light Fitting Connections



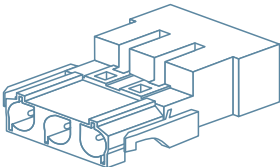
NK3P.W



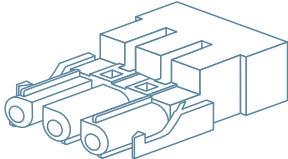
NAS31.W



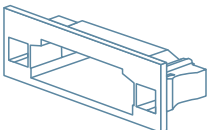
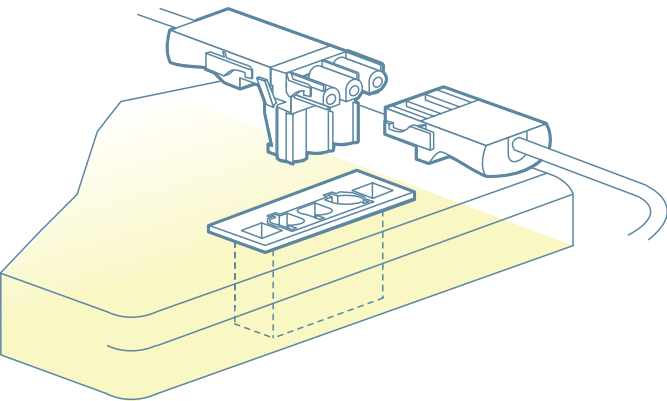
2 x NK3P.W



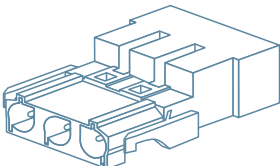
NAS31.W



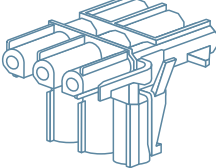
NAS32.W



NK3P.W

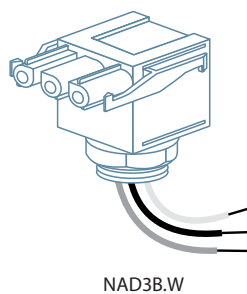
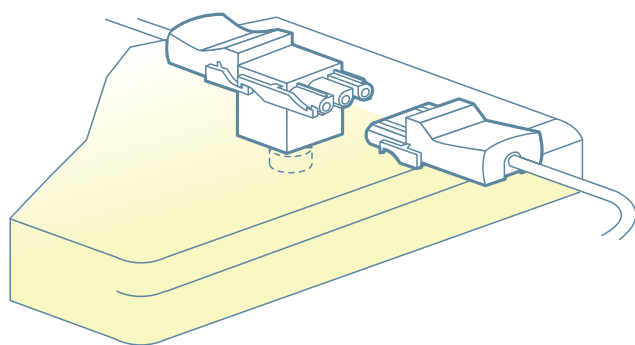


NAS31.W

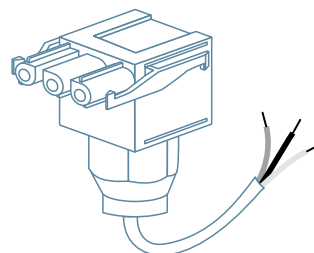
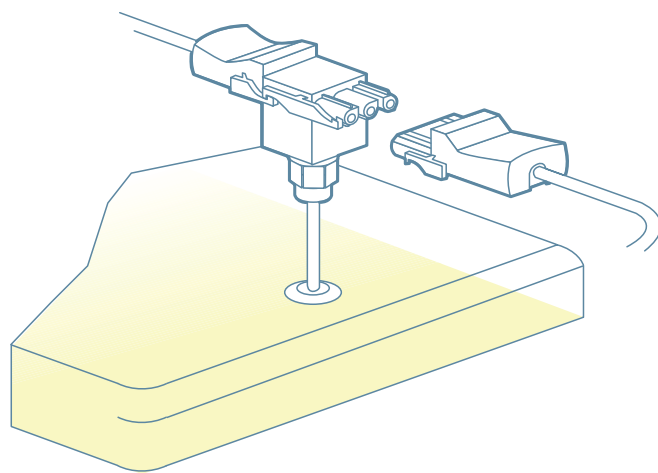


NAD3T.W

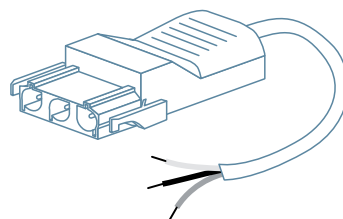
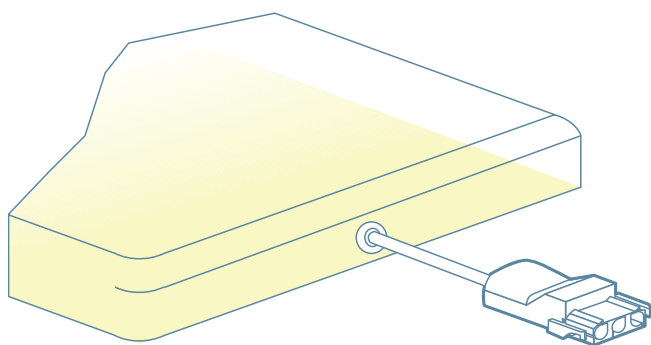
# Light Fitting Connections



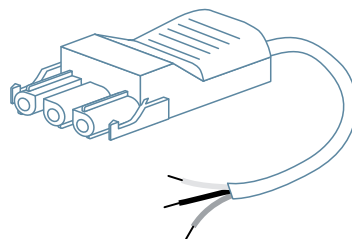
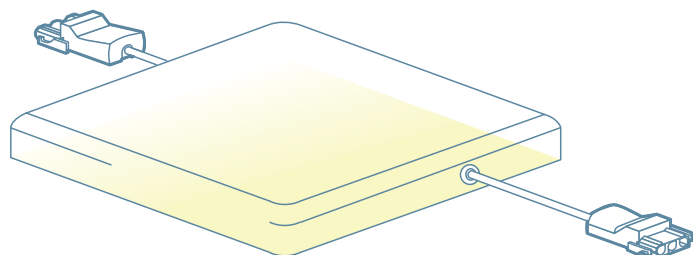
NAD3B.W



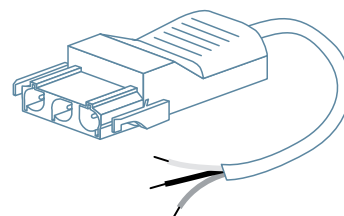
NAD3BS.WX XX



NAL310XXXXXX



NAL130XXXXXX



NAL310XXXXXX

# Customized Products

Ensto's comprehensive off-the-shelf product offering provides solutions for most customer needs. However, sometimes the challenge at hand calls for customized products. We're here to help.



## Distribution and connection boxes

Distribution and connection boxes for versatile coupling of electric networks and lighting control can be manufactured with different connectors, circuitry and modifications:

- different combinations of 2-, 3- and 5-pole connectors
- white and black connectors for power supply
- blue and grey connectors for controls
- combinations of power supply and control
- different internal circuitry options

See detailed product information on page 19.



## Prefabricated leads

In addition to off-the-shelf products, we manufacture customized prefabricated leads for connecting electric appliances as well as for internal circuitry. Variable features include:

- length
- stripping of the free end
- wire clip

See detailed product information on page 36



## Control units

An enclosed structure of the control unit enables the use of project-specific control solutions in plug connector installations. The designer defines the required control functions. The implementation and manufacturability is then determined based on these definitions. The control unit can include:

- circuit breakers
- RCCBs
- contactors
- bus control devices ( DALI, KNX )
- energy meters

See detailed product information on page 25.

# Workpoint

## Service poles and Socket boxes

Ensto Workpoint solution enables you to move electrical and data connections according to changing needs.



The modular Ensto Workpoint service poles and socket boxes fit every office type and full compatibility with the EnstoNet installation system raises efficiency to a new level.

### Service poles

Additionally to over 50 standard service pole family Ensto offers possibility to design your own model. Following features can be chosen and adjusted:

- quantity of the socket outlets
- colour of the socket outlets (8 standard colours)
- height of the pole (standard 2250mm)
- colour of the aluminum profile
- length of the flexible tube
- type and length of the connection cables
- type and quantity of supplying EnstoNet-connectors
- quantity of the RJ45 connectors and cables
- type of the RJ45 connectors and cables (limited offering)
- push button
- switch

- circuit breakers
- RCCBs

### Socket boxes

The structure of the socket boxes make it possible to tailor the product according to the needs. Following features can be chosen and adjusted:

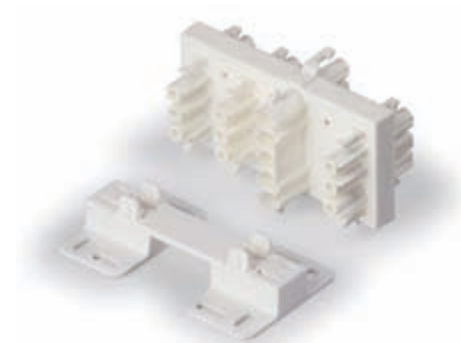
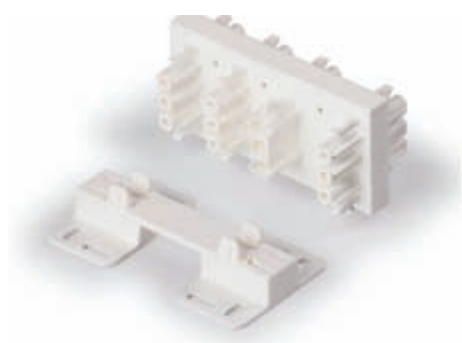
- quantity of the socket outlets
- colour of the socket outlets (8 standard colours)
- quantity of the RJ45 connectors and cables
- type of the RJ45 connectors and cables (limited offering)
- push button
- switch
- circuit breakers
- RCCBs

The whole selection of the service poles, socket boxes and mini poles is presented in the separate Ensto Workpoint brochure and also in [www.ensto.com](http://www.ensto.com). Click "Products" and then click "Workpoint Electrification".

# Distribution Block Family

## For Light Fittings and Socket Groups

A new EnstoNet Distribution Block Family has been introduced to complement the Ensto coupler range.



See detailed product information on page 27

A new EnstoNet Distribution Block Family consists of 1- and 3-phase distribution blocks suitable for light fitting and socket outlet group installations. All distribution block types are equipped with a through-passing connector pair and six branching couplers.

### 1-phase distribution

There are five different 1-phase distribution blocks. The white and black are for mechanical coding A (pole markings 1, Earth, N). Blue is for mechanical coding B (pole markings A, B, C). Grey (pole markings a+, Earth, b-) and red are for mechanical coding C (pole markings 1, Earth, N).

### 3-phase distribution

There are three types of 3-phase distribution blocks. White and black are for mechanical coding A and red for mechanical coding C. All 3-phase distribution blocks have the same pole markings: the through-passing 3-phase connector pair has the pole markings 1, 2, Earth, N, 3 and the couplers branching out for light fittings or sockets outlets are marked 1, Earth, N. The distribution blocks can be attached onto, for example, an installation plate with a mounting pad that is supplied with the products. The distribution blocks will partly fit inside a lighting rail with a minimum width of 70 mm, making a separate mounting pad unnecessary.

# EnstoNet Linect®

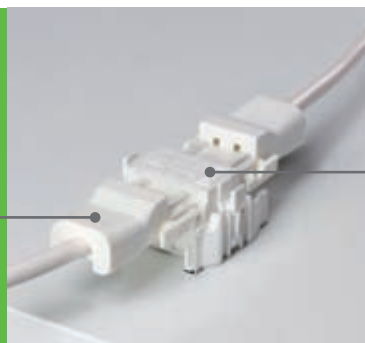
## The Light Connection System



### 3-poles

EnstoNet coding by  
EnstoNet coupler  
reference colour:

**A** – White



Linect coding  
by Linect top  
reference colour:

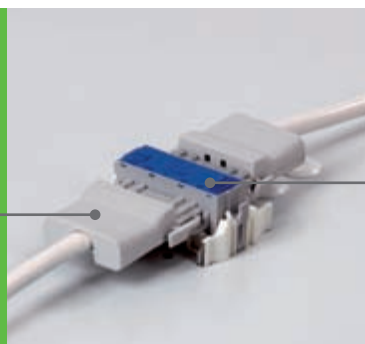
**A** – White



### 5-poles

EnstoNet coding by  
EnstoNet coupler  
reference colour:

**C** – Grey



Linect coding  
by Linect top  
reference colour:

**I** – Blue



EnstoNet Linect® T-block and EnstoNet couplers

## The Linect® system – the bright idea of luminaire connection.

Ensto is at the forefront in promoting the open Linect® system shared with leading European lighting fixture companies. The open Linect® system establishes a standard luminaire connection interface to the EnstoNet installation system. It reduces complexity, offering benefits to the whole

industry from lighting fixture manufacturers to retailers, designers, installers and end-customers.

Ensto has a family of EnstoNet T-blocks that enable easy and fast connection of the prefabricated EnstoNet leads to the universal Linect® connector interface. EnstoNet Linect® family consists of 3- and 5-pole T-blocks that help take lighting fixture installation to a new era of ease, safety and speed.

### Logical and error-free connections

The lighting connector access in all lighting fixtures is through an always uniform recess in the sheet metal. A Linect® –lighting element connects to the EnstoNet plug-in system using T-block, which is a separate component and not a part of the lighting fixture. The uniform connection allocation reduces the number of the lighting variant. This enables easy mismatching protection for different terminal assignments.

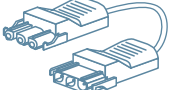
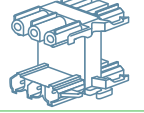
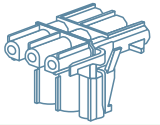
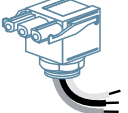
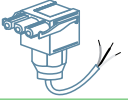
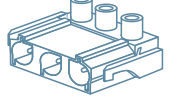
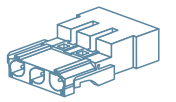
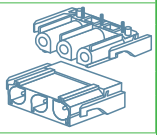
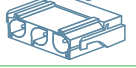
| Application  | EnstoNet Linect® T-Blocks                                     |                                                   | EnstoNet coding  | Linect coding    |
|--------------|---------------------------------------------------------------|---------------------------------------------------|------------------|------------------|
| No of poles  | 3-pole                                                        | 5-pole                                            |                  |                  |
| Power supply | <b>NAD3LA.W</b><br><b>NAD3LAS.W</b><br>(1, $\frac{1}{2}$ , N) |                                                   | <b>A</b> – White | <b>A</b> – White |
| DALI/dimming |                                                               | <b>NCD5LI.G</b><br>(1, N, $\frac{1}{2}$ , a+, b-) | <b>C</b> – Grey  | <b>I</b> – Blue  |

See detailed product information on page 33.

# Colour Codes and Markings

## for EnstoNet Products

### 20 A, 250/400V

| PRODUCT GROUP                   | CODING | COLOUR | POLE MARKINGS |                       |                        |                             |                                                                                       |
|---------------------------------|--------|--------|---------------|-----------------------|------------------------|-----------------------------|---------------------------------------------------------------------------------------|
| Number of Poles                 |        |        | 2             | 3                     | 4                      | 5                           |                                                                                       |
| Prefabricated leads             | A      | white  |               | 1, $\downarrow$ , N   |                        | 1, 2, $\downarrow$ , N, 3   |    |
|                                 |        | black  |               | 1, $\downarrow$ , N   |                        | 1, 2, $\downarrow$ , N, 3   |                                                                                       |
|                                 | B      | blue   | A, B          | A, B, C               |                        | A, B, C, D, E               |                                                                                       |
|                                 | C      | grey   |               | a+, $\downarrow$ , b- |                        | 1, N, $\downarrow$ , a+, b- |                                                                                       |
| Distribution blocks             | A      | white  |               |                       |                        |                             |    |
|                                 |        | black  |               |                       |                        |                             |                                                                                       |
|                                 | B      | blue   |               |                       |                        |                             |                                                                                       |
|                                 | C      | grey   |               |                       |                        |                             |                                                                                       |
| T-Connectors                    | A      | white  |               |                       |                        |                             |    |
|                                 |        | black  |               |                       |                        |                             |                                                                                       |
|                                 | B      | blue   |               |                       |                        |                             |                                                                                       |
|                                 | C      | grey   |               |                       |                        |                             |                                                                                       |
| T-Connectors with wires         | A      | white  |               |                       |                        |                             |   |
|                                 |        | black  |               |                       |                        |                             |                                                                                       |
|                                 | B      | blue   |               |                       |                        |                             |                                                                                       |
|                                 | C      | grey   |               |                       |                        |                             |                                                                                       |
| T-Connectors with cable         | A      | white  |               |                       |                        |                             |  |
|                                 |        | black  |               |                       |                        |                             |                                                                                       |
|                                 | B      | blue   |               |                       |                        |                             |                                                                                       |
|                                 | C      | grey   |               |                       |                        |                             |                                                                                       |
| Installation Couplers           | A      | white  | 1, N          | 1, $\downarrow$ , N   | 1, $\downarrow$ , N, 2 | 1, 2, $\downarrow$ , N, 3   |  |
|                                 |        | black  | 1, N          | 1, $\downarrow$ , N   | 1, $\downarrow$ , N, 2 | 1, 2, $\downarrow$ , N, 3   |                                                                                       |
|                                 | B      | blue   | A, B          | A, B, C               |                        | A, B, C, D, E               |                                                                                       |
|                                 |        | beige  |               | A, B, C               |                        | A, B, C, D, E               |                                                                                       |
|                                 | C      | grey   | a+, b-        | a+, A, b-             |                        | 1, N, $\downarrow$ , a+, b- |                                                                                       |
|                                 |        | red    |               | 1, $\downarrow$ , N   |                        | 1, 2, $\downarrow$ , N, 3   |                                                                                       |
| Screwless Installation Couplers | A      | white  | 1, N          | 1, $\downarrow$ , N   | 1, $\downarrow$ , N, 2 | 1, 2, $\downarrow$ , N, 3   |  |
|                                 |        | black  | 1, N          | 1, $\downarrow$ , N   | 1, $\downarrow$ , N, 2 | 1, 2, $\downarrow$ , N, 3   |                                                                                       |
|                                 | B      | blue   | A, B          | A, B, C               |                        |                             |                                                                                       |
|                                 |        | beige  |               | A, B, C               |                        |                             |                                                                                       |
|                                 | C      | grey   | a+, b-        | a+, $\downarrow$ , b- |                        |                             |                                                                                       |
|                                 |        | red    |               | 1, $\downarrow$ , N   |                        |                             |                                                                                       |
| PCB Couplers (Socket)           | A      | white  | 1, N          | 1, $\downarrow$ , N   | 1, $\downarrow$ , N, 2 | 1, 2, $\downarrow$ , N, 3   |  |
|                                 | B      | blue   | A, B          | A, B, C               |                        | A, B, C, D, E               |                                                                                       |
|                                 | C      | grey   | a+, b-        | a+, $\downarrow$ , b- |                        |                             |                                                                                       |
| PCB Couplers (Plug)             | A      | white  |               | 1, $\downarrow$ , N   |                        | 1, 2, $\downarrow$ , N, 3   |  |
|                                 | B      | blue   |               |                       |                        | A, B, C, D, E               |                                                                                       |

|                                                                                     |                               |
|-------------------------------------------------------------------------------------|-------------------------------|
|  | Standard product              |
|  | Special products upon request |
|  | Not available                 |

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# EnstoNet symbols

|            |         |              |            |               |            |          |                 |
|------------|---------|--------------|------------|---------------|------------|----------|-----------------|
| <b>2B</b>  | NAD2.B  | <b>5TG</b>   | NCD5T.G    | <b>C-UNIT</b> | NGUF540.WB | <b>N</b> | NAD3B.B         |
| <b>2W</b>  | NAD2.W  | <b>5TP</b>   | NCD5T.P    | <b>P300</b>   | NAP300     |          | NAD3B.W         |
| <b>2S</b>  | NBD2.S  | <b>D33W</b>  | NAJDM33    | <b>P301</b>   | NAP301     |          | NBD3B.S         |
| <b>2G</b>  | NCD2.G  | <b>D36W</b>  | NAJDM36    | <b>P304</b>   | NAP304     |          | NCD3B.G         |
| <b>2P</b>  | NCD2.P  | <b>D33B</b>  | NAJDM33.B  | <b>P500</b>   | NAP500     |          | NAD5B.W         |
| <b>3B</b>  | NAD3.B  | <b>D36B</b>  | NAJDM36.B  | <b>P504</b>   | NAP504     |          | NBD5B.S         |
| <b>3W</b>  | NAD3.W  | <b>D53W</b>  | NAJDM33    | <b>P505</b>   | NAP505     |          | NCD5B.G         |
| <b>3S</b>  | NBD3.S  | <b>D56W</b>  | NAJDM36    |               |            |          | NAD5BS.W-L1     |
| <b>3G</b>  | NCD3.G  | <b>D53B</b>  | NAJDM53.B  | <b>N</b>      | NAC31.W    |          | NAD5BS.W-L2     |
| <b>3P</b>  | NCD3.P  | <b>D56B</b>  | NAJDM56.B  |               | NAS31.W    |          | NAD5BS.W-L3     |
| <b>5B</b>  | NAD5.B  | <b>D56WB</b> | NGJDM56.WB |               | NAC51.W    |          | NAD3BS.WT004    |
| <b>5W</b>  | NAD5.W  | <b>K335</b>  | NGJKM335   |               | NAS51.W    |          | NAD3BS.WT010    |
| <b>5S</b>  | NBD5.S  | <b>K346</b>  | NGJKM346   |               |            |          | NAD5BS.WT004    |
| <b>5G</b>  | NCD5.G  | <b>K351</b>  | NGJKM351   | <b>N</b>      | NAC32.W    |          | NAD5BS.WT004-L1 |
| <b>5P</b>  | NCD5.P  | <b>K353</b>  | NGJKM353   |               | NAS32.W    |          | NAD5BS.WT004-L2 |
| <b>36B</b> | NAD36.B | <b>KF345</b> | NGJKMF345  |               | NAC52.W    |          | NAD5BS.WT004-L3 |
| <b>36W</b> | NAD36.W | <b>K571</b>  | NGJKM571   |               | NAS52.W    |          | NAD5BS.WT010    |
| <b>3TB</b> | NAD3T.B | <b>K572</b>  | NGJKM572   |               |            |          | NAD5BS.WT010-L1 |
| <b>3TW</b> | NAD3T.W | <b>K573</b>  | NGJKM573   |               |            |          | NAD5BS.WT010-L2 |
| <b>56B</b> | NAD56.B | <b>KV535</b> | NGJKMV535  |               |            |          | NAD5BS.WT010-L3 |
| <b>56W</b> | NAD56.W | <b>KL335</b> | NGJKML335  |               |            |          | NAD5BS.WT010    |
| <b>5TB</b> | NAD5T.B | <b>KF561</b> | NGJKM561   |               |            |          | NAD5BS.WT025-L1 |
| <b>5TW</b> | NAD5T.W | <b>R552</b>  | NGJRM552   |               |            |          | NAD5BS.WT025-L2 |
| <b>36S</b> | NBD36.S | <b>R31</b>   | NGJRM31    |               |            |          | NAD5BS.WT025-L3 |
| <b>3TS</b> | NBD3T.S | <b>R32</b>   | NGJRM32    |               |            |          |                 |
| <b>5TS</b> | NBD5T.S | <b>F335</b>  | NGJFM335   |               |            |          |                 |
| <b>36G</b> | NCD36.G |              |            |               |            |          |                 |
| <b>36P</b> | NCD36.P |              |            |               |            |          |                 |
| <b>3TG</b> | NCD3T.G |              |            |               |            |          |                 |
| <b>3TP</b> | NCD3T.P |              |            |               |            |          |                 |
| <b>56P</b> | NCD56.P |              |            |               |            |          |                 |

|  |                          |
|--|--------------------------|
|  | floor fixed service pole |
|  | standalone service pole  |
|  | socket box               |
|  | data socket boxes        |

|              |                        |
|--------------|------------------------|
| <b>31010</b> | NAL330M15010           |
|              | length                 |
|              | 1 = 1,5mm <sup>2</sup> |
|              | number of poles        |

|                |                        |
|----------------|------------------------|
| <b>M31040B</b> | NAL310M15040B          |
|                | colour of couplers     |
|                | length                 |
|                | 1 = 1,5mm <sup>2</sup> |
|                | number of poles        |
|                | type of lead           |
|                | (plug/<br>free end)    |

# EnstoNet Installation System Products

## Distribution boxes

### Distribution box, single-phase continuous, 3 single-phase outputs

Distribution box NAJDM33, a single-phase is branched into three single-phase outputs. The distribution box can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The box can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 232 g.

| TYPE    | EAN CODE      | DESCRIPTION                                     | PACKAGE |
|---------|---------------|-------------------------------------------------|---------|
| NAJDM33 | 6418677706479 | 1-phase, continuous, three single-phase outputs | 10      |



### Distribution box, single-phase continuous, 6 single-phase outputs

Distribution box NAJDM36, a single-phase is branched into six single-phase outputs. The distribution box can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The box can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 287 g.

| TYPE    | EAN CODE      | DESCRIPTION                                    | PACKAGE |
|---------|---------------|------------------------------------------------|---------|
| NAJDM36 | 6418677706486 | 1-phase, continuous, six single-phase supplies | 10      |



### Distribution box, 3-phase continuous, 3 single-phase outputs

Distribution box NAJDM53, three-phase in and out are branched into three single-phase outputs L1, L2 and L3. The distribution box can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The box can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 254 g.

| TYPE    | EAN CODE      | DESCRIPTION                                      | PACKAGE |
|---------|---------------|--------------------------------------------------|---------|
| NAJDM53 | 6418677700644 | 3-phase, continuous, three single-phase supplies | 10      |



### Distribution box, 3-phase continuous, 6 single-phase outputs

Distribution box NAJDM56, three-phase in and out are branched into six single-phase outputs. The supplies are 2xL1, 2xL2 and 2xL3. The distribution box can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 315 g.

| TYPE    | EAN CODE      | DESCRIPTION                                   | PACKAGE |
|---------|---------------|-----------------------------------------------|---------|
| NAJDM56 | 6418677700651 | 3-phase, continuous, six single-phase outputs | 10      |



### Distribution box, single-phase continuous, 3 single-phase outputs, black couplers

Distribution box NAJDM33.B, 1-phase in and out are branched with black couplers into three single-phase outputs L1, L2 and L3. The distribution box can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The box can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 286 g.

| TYPE      | EAN CODE      | DESCRIPTION                                 | PACKAGE |
|-----------|---------------|---------------------------------------------|---------|
| NAJDM33.B | 6418677716539 | 1-phase, continuous, 3 x 1-phase out, black | 10      |



### Distribution box, single-phase continuous, 6 single-phase outputs, black couplers

Distribution box NAJDM36.B, a single-phase is branched into six single-phase outputs. The distribution box can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The box can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 287 g.

| TYPE      | EAN CODE      | DESCRIPTION                                           | PACKAGE |
|-----------|---------------|-------------------------------------------------------|---------|
| NAJDM36.B | 6418677717451 | Black, 1-phase, continuous, six single-phase supplies | 10      |



# EnstoNet Installation System Products

## Distribution boxes

### Distribution box, 3-phase continuous, 3 single-phase outputs, black couplers

Distribution box NAJDM53.B, three-phase in and out are branched with black couplers into three single-phase outputs L1, L2 and L3. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The box can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 254 g.

| TYPE      | EAN CODE      | DESCRIPTION                                            | PACKAGE |
|-----------|---------------|--------------------------------------------------------|---------|
| NAJDM53.B | 6418677706509 | Black, 3-phase, continuous, three single-phase outputs | 10      |



### Distribution box, 3-phase continuous, 6 single-phase outputs, black couplers

Distribution box NAJDM56.B, three-phase in and out are branched with black couplers into six single-phase outputs. The supplies are 2xL1, 2xL2 and 2xL3. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 315 g.

| TYPE      | EAN CODE      | DESCRIPTION                                           | PACKAGE |
|-----------|---------------|-------------------------------------------------------|---------|
| NAJDM56.B | 6418677706523 | Black, 3-phase, continuous, six single-phase supplies | 10      |



### Distribution box, 2x1-phase in, 2x3 single-phase outputs (white and black)

The single phase distribution box NGJDM36.WB is a combination box for regular and secured power supply lines. With the distribution box two single phase inputs are branched into 2x3 single phase outputs. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The box can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 297 g.

| TYPE       | EAN CODE      | DESCRIPTION                                      | PACKAGE |
|------------|---------------|--------------------------------------------------|---------|
| NGJDM36.WB | 6418677719561 | White / black, 1-phase, six single-phase outputs | 10      |



### Distribution box, 2x3-phase in, 2x3 single-phase outputs (white and black)

Distribution box NAJDM56.WB, three-phase in is branched with white couplers into three single-phase outputs L1, L2 and L3 and second in with black couplers into three single-phase outputs L1, L2 and L3 in the same box. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 315 g.

| TYPE       | EAN CODE      | DESCRIPTION                                      | PACKAGE |
|------------|---------------|--------------------------------------------------|---------|
| NGJDM56.WB | 6418677709340 | White / black, 3-phase, six single-phase outputs | 10      |



### Distribution box for wall installation, single-phase in, 2 single-phase outputs

Distribution box NAJDM301 designed for wall installation onto a flush mounting box. The box is equipped with two single-phase outputs for the EnstoNet System. It can be fixed through the box by screws (c/c is 63 mm or 78 mm). Weight 115 g.

| TYPE     | EAN CODE      | DESCRIPTION                              | PACKAGE |
|----------|---------------|------------------------------------------|---------|
| NAJDM301 | 6418677706462 | White, 1-phase, two single-phase outputs | 10      |



### Distribution box for wall installation, 3-phase in, 2 x 3-phase outputs

Distribution box NAJDM501 designed for wall installation onto a flush mounting box. The box is equipped with two three-phase outputs for the EnstoNet System. It can be fixed through the box by screws (c/c is 63 mm or 78 mm). Weight 119 g.

| TYPE     | EAN CODE      | DESCRIPTION                         | PACKAGE |
|----------|---------------|-------------------------------------|---------|
| NAJDM501 | 6418677706493 | White, 3-phase, 2 x 3-phase outputs | 10      |



# EnstoNet Installation System Products

## Switchboxes

### Switchbox, single-phase continuous for 1-pole switch and 3-pole light group

With the switchbox a continuous single-phase supply is branched into a output for 1-switch and one light group. In addition to the phase, also zero and protective earth are supplied to the switch. This makes it possible to connect the supply to the clean-up socket outlet located near the door edge through the switchbox. In the EnstoNet installation system there are special prefabricated leads for connecting the switch to the switchbox (cable type: stranded MKMJ cable). It is easy to connect the stranded wires also to switches equipped with screwless couplers. The distribution box can be fixed e.g. to the installation plate with two ø 3-4 mm screws (distance between screws 75 mm). Weight 160 g/each.

| TYPE    | EAN CODE      | DESCRIPTION                                        | PACKAGE |
|---------|---------------|----------------------------------------------------|---------|
| NGJKM31 | 6418677116353 | 1-phase, 3-pole for switch and single-phase supply | 10      |



### Switchbox, single-phase continuous, for double switch and 2 x light groups

Switchbox NGJKM335, single-phase continuous is branched into one outgoing for a double switch and two supplies for light fitting groups. In addition to the phase, neutral and protected earth are also supplied to the switch. This makes it possible to connect the supply through the switchbox to a socket outlet. In the EnstoNet installation system there are special prefabricated leads for connecting the switch to the switchbox (cable type: stranded HF cable). It is easy to connect the stranded wires also to switches equipped with screwless terminals. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 246 g.

| TYPE     | EAN CODE      | DESCRIPTION                        | PACKAGE |
|----------|---------------|------------------------------------|---------|
| NGJKM335 | 6418677708145 | 1-phase, 2 x single-phase supplies | 10      |



### Switchbox, single-phase continuous, for double switch and one light group

Switchbox NGJKM351, single-phase continuous is branched into one outgoing for double switch and for two different lighting modes, for one light fitting group. In addition to the phase, a neutral and protected earth are supplied to the switch also. This makes it possible to connect the supply through the switchbox to a socket outlet. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 235 g.

| TYPE     | EAN CODE      | DESCRIPTION                              | PACKAGE |
|----------|---------------|------------------------------------------|---------|
| NGJKM351 | 6418677706295 | 1-phase, 5-pole supply with two controls | 10      |



### Switchbox, single-phase continuous, for two change over switches and two single-phase light groups

The switchbox NGJKMF345 is intended for two change over switch connections e.g. in corridors. The single-phase incoming and outgoing is branched into two outgoing for change over switches and two supplies for light fittings. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 245 g.

| TYPE      | EAN CODE      | DESCRIPTION                                    | PACKAGE |
|-----------|---------------|------------------------------------------------|---------|
| NGJKMF345 | 6418677715938 | 1-phase, change-over switches for two supplies | 10      |



### Switchbox, single-phase for controllable series switch and two 3-pole light groups

Switchbox NGJKML335, single-phase continuous, for controlling two single-phased light groups. The trunk line is branched into a 3-pole output leading to a main switch. In this series there is an output for a 5-pole switch. Two light groups are controlled with the switches. In addition to the phase, neutral and protected earth are also supplied to the switch which enables connecting the supply through the switchbox to a socket outlet. In the EnstoNet installation system there are special prefabricated leads for connecting the switch to the switchbox (cable type: stranded HF cable). The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 259 g.

| TYPE      | EAN CODE      | DESCRIPTION                        | PACKAGE |
|-----------|---------------|------------------------------------|---------|
| NGJKML335 | 6418677714849 | 1-phase, 2 x single-phase supplies | 10      |



# EnstoNet Installation System Products

## Switchboxes

### Switchboxes, 3-phase continuous, for double switch and 2 x light groups

The switchboxes are intended for a light switch, three-phase continuous branched into one outgoing for a double switch and two supplies for light fitting groups. In addition to the phase, neutral and protected earth are also supplied to the switch. This makes it possible to connect the supply through the switchbox to a socket outlet. In the EnstoNet installation system there are special prefabricated leads for connecting the switch to the switchbox (cable type: stranded HF cable). It is easy to connect the stranded wires also to switches equipped with screwless terminals. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 270 g.

| TYPE     | EAN CODE      | DESCRIPTION  | PACKAGE |
|----------|---------------|--------------|---------|
| NGJKM571 | 6418677700668 | L1 connected | 10      |
| NGJKM572 | 6418677700675 | L2 connected | 10      |
| NGJKM573 | 6418677700682 | L3 connected | 10      |



### Switchbox, 3-phase continuous, for 3 x 2-pole push buttons and 3 x single-phase light groups

Switchbox NGJKM561 is intended for the push button controls. The three bus button incomings will via an external relay activate the three supplies for light fittings. The switch box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 296 g.

| TYPE      | EAN CODE      | DESCRIPTION                                        | PACKAGE |
|-----------|---------------|----------------------------------------------------|---------|
| NGJKMF561 | 6418677708251 | 3-phase, external relay control for three supplies | 10      |



### Switchbox, 3-phase rotation continuous, for double switch and 2 x single-phase light groups

Switchbox NGJKMV535 has a three-phase continuous with internal phase-rotation. It is branched into one outgoing for double switch and two supplies for light fitting groups. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 270 g.

| TYPE      | EAN CODE      | DESCRIPTION                            | PACKAGE |
|-----------|---------------|----------------------------------------|---------|
| NGJKMV535 | 6418677709302 | 3-phase, internal rotation, continuous | 10      |



### Switchbox, single phase continuous for change over switches in corridors

The switchbox NGJKMF341 is intended for two change over switch connections e.g. in corridors. The single-phase incoming and outgoing is branched into two 3-pole outgoing for change over switches and two supplies for light fittings. The distribution box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 235 g.

| TYPE      | EAN CODE      | DESCRIPTION                                    | PACKAGE |
|-----------|---------------|------------------------------------------------|---------|
| NGJKMF341 | 6418677708213 | 1-phase, change over switches for two supplies | 10      |



### Switchbox for bus control, single-phase

Switchbox NGJKM346 is intended for use in controlling lighting groups with DALI or other bus control. Single phase continuous power supply with 5-pole couplers. The switchbox can be fixed e.g. to the installation plate by screws, max. ø 6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 305 g.

| TYPE     | EAN CODE      | DESCRIPTION                                     | PACKAGE |
|----------|---------------|-------------------------------------------------|---------|
| NGJKM346 | 6418677716683 | 1-phase, for two 5-pole supply for DALI control | 10      |



# EnstoNet Installation System Products

## Switchboxes

### Switchbox for bus controls, single-phase continuous

Switchbox NGJKM353.WG is intended for use in controlling lighting groups with DALI or other bus control. Single phase continuous power supply through the box. 3-pole couplers for bus incoming and outgoing. 5-pole grey coupler for power and bus control to light fittings. The switchbox can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 250 g.

| TYPE        | EAN CODE      | DESCRIPTION               | PACKAGE |
|-------------|---------------|---------------------------|---------|
| NGJKM353.WG | 6418677728594 | 1-phase, for DALI control | 10      |



### Switchbox for bus control, 3-phase continuous

Switchbox NGJKM525.WG is intended for use in controlling lighting groups with DALI or other bus control. Three phase continuous power supply through the box. 2-pole couplers for bus incoming and outgoing. Three 5-pole grey couplers for power and bus control to light fittings. The switchbox can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 260 g.

| TYPE        | EAN CODE      | DESCRIPTION               | PACKAGE |
|-------------|---------------|---------------------------|---------|
| NGJKM525.WG | 6418677725036 | 3-phase, for DALI control | 10      |



### Relaybox, single-phase continuous, for push button and outgoing for light group

With the relaybox NGJRM31 one light supply is controlled by an impulse relay. Push button is connected to the blue connector. In the EnstoNet installation system there are special prefabricated leads for connecting the switch to the switchbox (cable type: stranded HF cable). It is easy to connect the stranded wires also to switches equipped with screwless terminals. The distribution box can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 319 g.

| TYPE    | EAN CODE      | DESCRIPTION                  | PACKAGE |
|---------|---------------|------------------------------|---------|
| NGJRM31 | 6418677717390 | 1-phase, 2 x 3-pole supplies | 10      |



### Relaybox, holding circuit, single-phase continuous, for push buttons, one single-phase supply

Relaybox NGJRM32, single-phase continuous, for controlling a single-phased light group via relay which is controlled by switches. In the serial connection of the switches the other one could be a main switch, e.g. key card switch for hotel room. In the EnstoNet installation system there are special prefabricated leads for connecting the switch to the switchbox (cable type: stranded HF cable). The distribution box can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 320 g.

| TYPE    | EAN CODE      | DESCRIPTION                                       | PACKAGE |
|---------|---------------|---------------------------------------------------|---------|
| NGJRM32 | 6418677720017 | 1-phase, for push button, 1 x single-phase supply | 10      |



### Relaybox, 3-phase continuous, 5-pole switch and external control, 2 x single-phase light group

Relaybox NGJRM552, 3-phase continuous, for controlling two single-phased light groups in an energy-saving solution. When daylight is enough one light group can be switched off by a twilight switch control. The other light group is controlled via a switch. In the EnstoNet installation system there are special prefabricated leads for connecting the switch to the switchbox (cable type: stranded HF cable). The distribution box can be fixed e.g. to the installation plate by screws, max.  $\varnothing$  6 mm, two holes in the middle (distance between holes 75 mm) or four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 340 g.

| TYPE     | EAN CODE      | DESCRIPTION                                                   | PACKAGE |
|----------|---------------|---------------------------------------------------------------|---------|
| NGJRM552 | 6418677721236 | 3-phase, external relay controlled, 2 x single-phase supplies | 10      |



# EnstoNet Installation System Products

## Switchboxes

### RF switchbox, wireless controlled box for two single-phase supply, single phase continuous

RF relay box NGJFM335C is intended for controlling two lighting groups. The lighting is controlled by wireless control between the RF relay box and the switch. In this box the wireless control based on Schneider's CONNECT control system. Wireless control receivers by other manufacturers can be assembled into EnstoNet boxes as well. For bigger lighting loads it is reasonable to use the auxiliary relay box NGJRM33 instead of the RF relay box. The boxes can be engaged together by plugging. The single phase continuous through the box. Weight 278 g.

| TYPE      | EAN CODE      | DESCRIPTION                         | PACKAGE |
|-----------|---------------|-------------------------------------|---------|
| NGJFM335C | 6418677724312 | 1-phase, RF controlled receiver box | 10      |



### Relaybox, holding circuit, single-phase continuous, controlled from RF box NGJFM335C, one single-phase supply

Relaybox NGJRM33, single-phase continuous, for controlling two single-phased light group via relay which is controlled by the RF box NGJFM335C. This box can be engaged together with the RF box. In some cases it is reasonable to control a load of light fittings through auxiliary relay instead of the relay of the RF receiver. Weight 336 g.

| TYPE    | EAN CODE      | DESCRIPTION                              | PACKAGE |
|---------|---------------|------------------------------------------|---------|
| NGJRM33 | 6418677724305 | 1-phase, supplement relay box for RF box | 10      |



### Fixing device

With the fixing device NKJ-MB distribution and switch boxes can be fixed with screws onto a solid base in building sites. The box is fixed to the pair of fixing device by snap-on pins. Weight 80 g.

| TYPE   | EAN CODE      | DESCRIPTION                   | PACKAGE |
|--------|---------------|-------------------------------|---------|
| NKJ-MB | 6418677708985 | Fixing device for N-Box, pair | 10/100  |



## Socket outlet boxes

### Socket outlet box, 2 x single-phase continuous, 2 x 2 gang earthed

Socket outlet box NAP300, two single-phase continuous (power and secured power) are branched into one double socket outlet. The socket outlet box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 425 g.

| TYPE   | EAN CODE      | DESCRIPTION                                | PACKAGE |
|--------|---------------|--------------------------------------------|---------|
| NAP300 | 6418677701078 | 3-pole continuous white and black couplers | 10      |



### Socket outlet box, single phase continuous, 2 x 2 gang earthed

Socket outlet box NAP301, a single-phase continuous is branched into two double socket outlets. The socket outlet box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 400 g.

| TYPE   | EAN CODE      | DESCRIPTION                       | PACKAGE |
|--------|---------------|-----------------------------------|---------|
| NAP301 | 6418677717697 | 3-pole continuous, white couplers | 10      |



# EnstoNet Installation System Products

## Socket outlet boxes

### Socket outlet box, single-phase continuous, 2 gang earthed

Socket outlet box NAP304, one single-phase continuous is branched into one double socket outlet. The socket outlet box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 285 g.

| TYPE   | EAN CODE      | DESCRIPTION                       | PACKAGE |
|--------|---------------|-----------------------------------|---------|
| NAP304 | 6418677701115 | 3-pole continuous, white couplers | 10      |



### Socket outlet box, 3-phase continuous, phase rotation, 2 x 2 gang earthed

Socket outlet box NAP500, three-phase continuous with internal phase rotations is branched into two double socket outlets. The socket outlets are L1 connected. The socket outlet box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 426 g.

| TYPE   | EAN CODE      | DESCRIPTION                       | PACKAGE |
|--------|---------------|-----------------------------------|---------|
| NAP500 | 6418677707629 | 5-pole continuous, white couplers | 10      |



### Socket outlet box, 3-phase continuous, rotation, 2 gang earthed

Socket outlet box NAP504, three-phase continuous with internal phase rotation for outgoing is branched into one double socket outlet. The socket outlets are L1 connected. The socket outlet box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 307 g.

| TYPE   | EAN CODE      | DESCRIPTION                       | PACKAGE |
|--------|---------------|-----------------------------------|---------|
| NAP504 | 6418677707636 | 5-pole continuous, white couplers | 10      |



### Socket outlet box, 2 x 3-phase continuous, phase rotation, 2 x 2 gang earthed

Socket outlet box NAP505, two three-phase continuous with internal phase rotations (power and secured power). These are branched into two double socket outlets. The socket outlets are L1 connected. The socket outlet box can be fixed e.g. to the installation plate by screws, max. ø 6 mm, four holes in the corners of the box. The boxes can also be fixed with two cable ties from the clamps on the box base. The third way of fixing is by using the so-called snap-on pins, for which there are four fixing holes on the box base. Weight 420 g.

| TYPE   | EAN CODE      | DESCRIPTION                                 | PACKAGE |
|--------|---------------|---------------------------------------------|---------|
| NAP505 | 6418677710124 | 5-pole continuous, white and black couplers | 10      |



## Distribution and control units

An enclosed structure of the control unit enables the use of project-specific control solutions in plug connector installations. The designer defines the required control functions. The implementation and manufacturability is then determined based on these definitions. The control unit can include circuit breakers, RCCBs, contactors, bus control devices (DALI, KNX) and energy meters.

| TYPE       | EAN CODE      | DESCRIPTION                                   | PACKAGE |
|------------|---------------|-----------------------------------------------|---------|
| NGUF540.WB | 6418677720055 | Distribution box with wire protector 4 x 16 A | 1/5     |



# EnstoNet Installation System Products

## Distribution blocks

### 2-pole distribution blocks

#### 2-pole white distribution block

Distribution block with one in (for a socket) and three out (for plugs). The couplers to be connected to the distribution block are specified on page 30. If needed, the distribution block can be mounted to a base with two screws, max.  $\varnothing$  3,5 mm, distance between mounting holes 28 mm. Weight 24,0 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NAD2.W | 6418677116117 | White       | 10/50   |



#### 2-pole black distribution block

Distribution block with one in (for a socket) and three out (for plugs). The couplers to be connected to the distribution block are specified on page 30. If needed, the distribution block can be mounted to a base with two screws, max.  $\varnothing$  3,5 mm, distance between mounting holes 28 mm. Weight 24,0 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NAD2.B | 6418677116124 | Black       | 10/50   |



#### 2-pole blue distribution block

Distribution block with one in (for a socket) and three out (for plugs). The couplers to be connected to the distribution block are specified on page 30. If needed, the distribution block can be mounted to a base with two screws, max.  $\varnothing$  3,5 mm, distance between mounting holes 28 mm. Weight 24,0 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NBD2.S | 6418677116131 | Blue        | 10/50   |



#### 2-pole grey distribution block

Distribution block with one in (for a socket) and three out (for plugs). The couplers to be connected to the distribution block are specified on page 30. If needed, the distribution block can be mounted to a base with two screws, max.  $\varnothing$  3,5 mm, distance between mounting holes 28 mm. Weight 24,0 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NCD2.G | 6418677117169 | Grey        | 10/50   |



### 3-pole distribution blocks

#### 3-pole white distribution block

Distribution block with one in (for a socket) and three out (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max.  $\varnothing$  3,5 mm, distance between mounting holes 38 mm. Weight 35,1 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NAD3.W | 6418677113284 | White       | 10/50   |



# EnstoNet Installation System Products

## Distribution blocks

### 3-pole white distribution block, 1-phase, 7 outs

Distribution block NAD36.W has one ingoing supply to which a socket is being connected and seven outgoing outputs to which plugs are being connected. Couplers to be connected are shown on page 30. The distribution block can be fixed to e.g. a mounting plate with the mounting foot supplied with the distribution block using 4 screws, max. ø 4.2 mm. The distribution block does also partly fit into a min. 70 mm wide lighting track. In this case no separate mounting foot is needed. Weight 104.2 g

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NAD36.W | 6418677724152 | White       | 10      |



### 3-pole black distribution block

Distribution block with one in (for a socket) and three out (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max. ø 3,5 mm, distance between mounting holes 38 mm. Weight 35,1 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NAD3.B | 6418677114793 | Black       | 10/50   |



### 3-pole black distribution block, 1-phase, 7 outs

Distribution block NAD36.B has one ingoing supply to which a socket is being connected and seven outgoing outputs to which plugs are being connected. Couplers that are to be connected are shown on page 30. The distribution block can be fixed to e.g. a mounting plate with the mounting foot supplied with the distribution block using 4 screws, max. ø 4.2 mm. The distribution block does also partly fit into a min. 70 mm wide lighting track. In this case no separate mounting foot is needed. Weight 104.2 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NAD36.B | 6418677724169 | Black       | 10      |



### 3-pole blue distribution block

Distribution block with one in (for a socket) and three out (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max. ø 3,5 mm, distance between mounting holes 38 mm. Weight 35,1 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NBD3.S | 6418677116148 | Blue        | 10/50   |



### 3-pole blue distribution block, 1-phase, 7 outs

Distribution block NBD36.S has one ingoing supply to which a socket is being connected and seven outgoing outputs to which plugs are being connected. Couplers that are to be connected are shown on page 30. The distribution block can be fixed to e.g. a mounting plate with the mounting foot supplied with the distribution block using 4 screws, max. ø 4.2 mm. The distribution block does also partly fit into a min. 70 mm wide lighting track. In this case no separate mounting foot is needed. Weight 104.2 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NBD36.S | 6418677724176 | Blue        | 10      |



### 3-pole grey distribution block

Distribution block with one in (for a socket) and three out (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max. ø 3,5 mm, distance between mounting holes 38 mm. Weight 35,1 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NCD3.G | 6418677117176 | Grey        | 10/50   |



# EnstoNet Installation System Products

## Distribution blocks

### 3-pole grey distribution block, 1-phase, 7 outs

Distribution block NCD36.G has one ingoing supply to which a socket is being connected and seven outgoing outputs to which plugs are being connected. Couplers that are to be connected are shown on page 30. The distribution block can be fixed to e.g. a mounting plate with the mounting foot supplied with the distribution block using 4 screws, max.  $\varnothing$  4.2 mm. The distribution block does also partly fit into a min. 70 mm wide lighting track. In this case no separate mounting foot is needed. Weight 104.2 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NCD36.G | 6418677724183 | Grey        | 10      |



### 3-pole red distribution block

Distribution block with one in (for a socket) and three out (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max.  $\varnothing$  3,5 mm, distance between mounting holes 38 mm. Weight 35,1 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NCD3.P | 6418677117459 | Red         | 10/50   |



### 3-pole red distribution block, 1-phase, 7 outs

Distribution block NCD36.P has one ingoing supply to which a socket is being connected and seven outgoing outputs to which plugs are being connected. Couplers that are to be connected are shown on page 30. The distribution block can be fixed to e.g. a mounting plate with the mounting foot supplied with the distribution block using 4 screws, max.  $\varnothing$  4.2 mm. The distribution block does also partly fit into a min. 70 mm wide lighting track. In this case no separate mounting foot is needed. Weight 104.2 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NCD36.P | 6418677724190 | Red         | 10      |



## 5-pole distribution blocks

### 5-pole white distribution block

Distribution block with one in (for a socket) and three out (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max.  $\varnothing$  3,5 mm, distance between mounting holes 58 mm. Weight 57,0 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NAD5.W | 6418677113260 | White       | 10/50   |



### 5-pole white distribution block, 3-phase, 6x1 phase outs

With distribution block NAD56.W a 3 phase supply is branched into 6 single phase outputs. 3 phase supply can be continued through the block to e.g. the following distribution block. Couplers to be connected are shown on page 30. The distribution block can be fixed to e.g. a mounting plate with the mounting foot supplied with the distribution block using 4 screws, max.  $\varnothing$  4.2 mm. The distribution block does also partly fit into a min. 70 mm wide lighting track. In this case no separate mounting foot is needed. Weight 116.5 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NAD56.W | 6418677724121 | White       | 10      |



# EnstoNet Installation System Products

## Distribution blocks

### 5-pole black distribution block

Distribution block with one in (for a socket) and three out (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max. ø 3,5 mm, distance between mounting holes 58 mm. Weight 57,0 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NAD5.B | 6418677114809 | Black       | 10/50   |



### 5-pole black distribution block, 3-phase, 6x1 phase outs

With distribution block NAD56.B a 3 phase supply is branched into 6 single phase outputs. 3 phase supply can be continued through the block to e.g. the following distribution block. Couplers to be connected are shown on page 30. The distribution block can be fixed to e.g. a mounting plate with the mounting foot supplied with the distribution block using 4 screws, max. ø 4.2 mm. The distribution block does also partly fit into a min. 70 mm wide lighting track. In this case no separate mounting foot is needed. Weight 116.5 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NAD56.B | 6418677724138 | Black       | 10      |



### 5-pole blue distribution block

Distribution block with one in (for a socket) and three out (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max. ø 3,5 mm, distance between mounting holes 58 mm. Weight 57,0 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NBD5.S | 6418677116155 | Blue        | 10/50   |



### 5-pole grey distribution block

A distribution block with one incoming supply (for a socket) and three outgoing supplies (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max. ø 3,5 mm, distance between mounting holes 58 mm. Weight 57,0 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NCD5.G | 6418677117572 | Grey        | 10/50   |



### 5-pole red distribution block

Distribution block with one in (for a socket) and three out (for plugs). Couplers that are to be connected are shown on page 30. If needed, the distribution block can be mounted to a base with two screws, max. ø 3,5 mm, distance between mounting holes 58 mm. Weight 57,0 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NCD5.P | 6418677118074 | Red         | 10/50   |



### 5-pole red distribution block, 3-phase, 6x1 phase outs

With distribution block NCD56.P a 3 phase supply is branched into 6 single phase outputs. 3 phase supply can be continued through the block to e.g. the following distribution block. Couplers to be connected are shown on page 30. The distribution block can be fixed to e.g. a mounting plate with the mounting foot supplied with the distribution block using 4 screws, max. ø 4.2 mm. The distribution block does also partly fit into a min. 70 mm wide lighting track. In this case no separate mounting foot is needed. Weight 116.5 g.

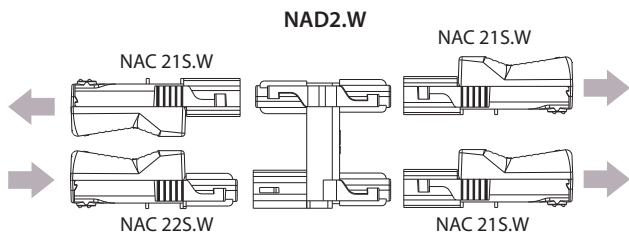
| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NCD56.P | 6418677724145 | Red         | 10      |



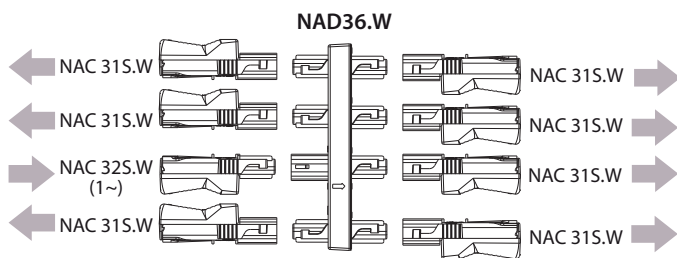
# EnstoNet Installation System Products

## Distribution block connections

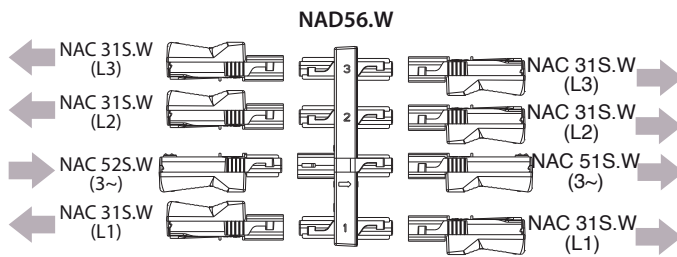
### Distribution blocks



| TYPE   | IN       | AMOUNT | OUT      | AMOUNT |
|--------|----------|--------|----------|--------|
| NAD2.W | NAC22S.W | 1      | NAC21S.W | 3      |
| NAD2.B | NAC22S.B | 1      | NAC21S.B | 3      |
| NBD2.S | NBC22S.S | 1      | NBC21S.S | 3      |
| NCD2.G | NCC22S.G | 1      | NCC21S.G | 3      |
| NAD3.W | NAC32S.W | 1      | NAC31S.W | 3      |
| NAD3.B | NAC32S.B | 1      | NAC31S.B | 3      |
| NBD3.S | NBC32S.S | 1      | NBC31S.S | 3      |
| NCD3.G | NCC32S.G | 1      | NCC31S.G | 3      |
| NCD3.P | NCC32S.P | 1      | NCC31S.P | 3      |
| NAD5.W | NAC52S.W | 1      | NAC51S.W | 3      |
| NAD5.B | NAC52S.B | 1      | NAC51S.B | 3      |
| NBD5.S | NBC52S.S | 1      | NBC51S.S | 3      |
| NCD5.G | NCC52S.G | 1      | NCC51S.S | 3      |
| NCD5.P | NCC52S.P | 1      | NCC51S.P | 3      |



| TYPE    | IN       | AMOUNT | OUT      | AMOUNT |
|---------|----------|--------|----------|--------|
| NAD36.W | NAC32S.W | 1      | NAC31S.W | 7      |
| NAD36.B | NAC32S.B | 1      | NAC31S.B | 7      |
| NBD36.S | NBC32S.S | 1      | NBC31S.S | 7      |
| NCD36.G | NCC32S.G | 1      | NCC31S.G | 7      |
| NCD36.P | NCC32S.P | 1      | NCC31S.P | 7      |



| TYPE    | IN       | AMOUNT | OUT      | AMOUNT | OUT      | AMOUNT |
|---------|----------|--------|----------|--------|----------|--------|
| NAD56.W | NAC52S.W | 1      | NAC31S.W | 6      | NAC51S.W | 1      |
| NAD56.B | NAC52S.B | 1      | NAC31S.B | 6      | NAC51S.B | 1      |
| NCD56.P | NCC52S.P | 1      | NCC31S.P | 6      | NCC51S.P | 1      |

# EnstoNet Installation System Products

## T-connectors

### 3-pole T-connector

The item is used in connecting a light fitting or other device to the network supplying it. The counter coupling of the NAD3T.W in the fitting is either NAC31.W or NAS31.W fitted in the device by the panel mounting adapter NK3P.W. The T-connector NAD3T.W is fed with a NAC32S.W -coupler (or with an installation-ready cableset, where the NAC32S.W is coupled). The installation continues from the T-connector to the next device with a NAC 31S.W (or with an installation-ready cableset, where the NAC 31S.W is coupled). The couplers to be connected to the T-connector are specified on page 34 . Weight 23,2 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NAD3T.W | 6418677700699 | White       | 10/50   |
| NAD3T.B | 6418677712173 | Black       | 10/50   |
| NBD3T.S | 6418677719714 | Blue        | 10/50   |
| NCD3T.G | 6418677707889 | Grey        | 10/50   |
| NCD3T.P | 6418677707896 | Red         | 10/50   |



### 3-pole T-connector for narrow size aperture

The item is used in connecting a light fitting or other device to the network supplying it. NAD3TH3.W replaces the NAD3T.W T-connector if there is not enough space in the device for side locking latches. The counter coupling of the NAD3TH3.W in the fitting is either NAC31H.W or NAS31H.W fitted in the device by the 3-pole narrow panel mounting adapter NK3PF.W. The NAD3TH3.W T-connector is fed with a NAC32S.W -coupler (or with an installation-ready cableset, where the NAC32S.W is coupled). The installation continues from the T-connector to the next device with a NAC 31S.W (or with an installation-ready cableset, where the NAC 31S.W is coupled). The couplers to be connected to the T-connector are specified on page 34. Weight 22,8 g.

| TYPE      | EAN CODE      | DESCRIPTION                         | PACKAGE |
|-----------|---------------|-------------------------------------|---------|
| NAD3TH3.W | 6418677700705 | White, narrow drop, without latches | 10/50   |
| NAD3TH3.B | 6418677716218 | Black, narrow drop, without latches | 10/50   |
| NCD3TH3.G | 6418677707902 | Grey, narrow drop, without latches  | 10/50   |
| NCD3TH3.P | 6418677707919 | Red, narrow drop, without latches   | 10/50   |



### 4 pole T-connector

The item is used in connecting a light fitting or other device to the network supplying it. The counter coupling of the NAD4T.W in the fitting is either NAC41.W or NAS41.W fitted in the device by the panel mounting adapter NK4P.W. The T-connector is fed with a NAC42S.W -coupler (or with an installation-ready cableset, where the NAC42S.W is coupled). The installation continues from the T-connector to the next device with a NAC 41S.W (or with an installation-ready cableset, where the NAC 41S.W is coupled). The couplers to be connected to the T-connector are specified on page 34. Weight 30,2 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NAD4T.W | 6418677703652 | White       | 10/50   |



### 4-pole T-connector for narrow size aperture

The item is used in connecting a light fitting or other device to the network supplying it. Replaces the NAD4T.W -T-connector if there is not enough space in the device for side locking latches. The counter coupling of the NAD4TH3.W in the fitting is either NAC41H.W or NAS41H.W fitted in the device by the panel mounting adapter NK4PF.W. The T-connector is fed with a NAC42S.W -coupler (or with an installation-ready cableset, where the NAC42S.W is coupled). The installation continues from the T-connector to the next device with a NAC 41S.W (or with an installation-ready cableset, where the NAC 41S.W is coupled). The couplers to be connected to the T-connector are specified on page 34. Weight 29,5 g.

| TYPE      | EAN CODE      | DESCRIPTION                         | PACKAGE |
|-----------|---------------|-------------------------------------|---------|
| NAD4TH3.W | 6418677703669 | White, narrow drop, without latches | 10/50   |



### 5-pole T-connector

The item is used in connecting a light fitting or other device to the network supplying it. The counter coupling of NAD5T.W in the fitting is either NAC51.W or NAS51.W fitted in the device by the panel mounting adapter NK5P.W. The T-connector is fed with a NAC52S.W -coupler (or with an installation-ready cableset, where the NAC52S.W is coupled). The installation continues from the NAD5T.W T-connector to the next device with a NAC51S.W (or with an installation-ready cableset, where the NAC51S.W is coupled). The couplers to be connected to the T-connector are specified on page 34. Weight 38 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NAD5T.W | 6418677716645 | White       | 10/50   |
| NAD5T.B | 6418677716652 | Black       | 10/50   |
| NCD5T.G | 6418677716669 | Grey        | 10/50   |
| NCD5T.P | 6418677716676 | Red         | 10/50   |



# EnstoNet Installation System Products

## T-connectors with wires and cables

### 3-pole T-connectors with halogen free 1.5 mm<sup>2</sup>-wires

The item is used in connecting a light fitting or other device to the network supplying it. Mounts to a ø 20 mm hole in the device with the M20 cable gland and a counter screw of the T-connector. The T-connector has 160 mm long, halogen free stranded wires, which will be wired to the connection coupler in the device. The T-connector NAD3B.W is fed with a NAC32S.W -coupler (or with an prefabricated cableset). The installation continues from the T-connector to the next device with a NAC 31S.W (or with an installation-ready cableset). The couplers to be connected to the T-connector are specified on page 34.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NAD3B.W | 6418677113253 | White       | 50      |
| NAD3B.B | 6418677700552 | Black       | 50      |
| NBD3B.S | 6418677700415 | Blue        | 50      |
| NCD3B.G | 6418677117589 | Grey        | 50      |
| NCD3B.P | 6418677117596 | Red         | 50      |



### 3-pole T-connectors with halogen free 3 x 1,5mm<sup>2</sup>-cable

The item is used in connecting a light fitting or other device to the network supplying it. The T-connector has a 0,4 m, 1,0 m or 2,5 m long, halogen free, stranded cable. The free end of the cable is stripped, which will be wired to the connection coupler in the device. The T-connector is fed with a NAC32S.W -coupler (or with an prefabricated cableset). The installation continues from the T-connector to the next device with a NAC31S.W (or with an installation-ready cableset). The couplers to be connected to the T-connector are specified on page 34.

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAD3BS.WT004 | 6418677702709 | White, 0,4 m | 50      |
| NAD3BS.WT010 | 6418677719431 | White, 1,0 m | 20      |
| NAD3BS.WT025 | 6418677710520 | White, 2,5 m | 10      |



### 5-pole T-connectors with halogen free 1,5 mm<sup>2</sup>-wires

The item is used in connecting a light fitting or other device to the network supplying it. Mounts to a ø 20 mm hole in the device with the M20 cable gland and a counter screw of the T-connector. The T-connector is chosen according to the phase (L1, L2 or L3) the device is connected to. The T-connector has 160 mm long, halogen free stranded wires, which will be wired to the connection coupler in the device. The T-connector NAD5B.W is fed with a NAC52S.W -coupler (or with an prefabricated cableset). The installation continues from the T-connector to the next device with a NAC51S.W (or with an installation-ready cableset). The couplers to be connected to the T-connector are specified on page 34.

| TYPE       | EAN CODE      | DESCRIPTION                                    | PACKAGE |
|------------|---------------|------------------------------------------------|---------|
| NAD5B.W    | 6418677113277 | White, L1, L2 and L3 connected                 | 50      |
| NBD5B.S    | 6418677700545 | Blue, A, B, C, D, E connected                  | 50      |
| NCD5B.G    | 6418677700538 | Grey, L1, a+, b- connected                     | 50      |
| NAD5B.W-L1 | 6418677114441 | White, L1 connected                            | 50      |
| NAD5B.W-L2 | 6418677114458 | White, L2 connected                            | 50      |
| NAD5B.W-L3 | 6418677114465 | White, L3 connected                            | 50      |
| NBD5B.S-L1 | 6418677700569 | Blue, A (brown), C (Earth), D (Blue) connected | 50      |
| NBD5B.S-L2 | 6418677705397 | Blue, B (brown), C (Earth), D (blue) connected | 50      |
| NBD5B.S-L3 | 6418677705403 | Blue, E (brown), C (Earth), D (blue) connected | 50      |



### 5-pole T-connectors with halogen free 3 x 1,5 mm<sup>2</sup>-cable

The item is used in connecting a light fitting or other device to the network supplying it. The T-connector is chosen according to the phase (L1, L2 or L3) the device is connected to. It has a 0,4 m, 1,0 m or 2,5 m long halogen free cable. The free end of the cable which will be wired to the connection coupler in the device is stranded. The T-connector is fed with a NAC52S.W -coupler (or with an prefabricated cableset). The installation continues from the T-connector to the next device with a NAC51S.W (or with an prefabricated cableset). The couplers to be connected to the T-connector are specified on page 34.

| TYPE            | EAN CODE      | DESCRIPTION                | PACKAGE |
|-----------------|---------------|----------------------------|---------|
| NAD5BS.WT004    | 6418677702921 | White, 0,4 m               | 50      |
| NAD5BS.WT004-L1 | 6418677702730 | White, 0,4 m, L1 connected | 50      |
| NAD5BS.WT004-L2 | 6418677702747 | White, 0,4 m, L2 connected | 50      |
| NAD5BS.WT004-L3 | 6418677702754 | White, 0,4 m, L3 connected | 50      |
| NAD5BS.WT010    | 6418677703973 | White, 1,0 m               | 50      |
| NAD5BS.WT010-L1 | 6418677704017 | White, 1,0 m, L1 connected | 50      |
| NAD5BS.WT010-L2 | 6418677704024 | White, 1,0 m, L2 connected | 50      |
| NAD5BS.WT010-L3 | 6418677704031 | White, 1,0 m, L3 connected | 50      |
| NAD5BS.WT025    | 6418677720642 | White, 2,5 m               | 10      |
| NAD5BS.WT025-L1 | 6418677709456 | White, 2,5 m, L1 connected | 10      |
| NAD5BS.WT025-L2 | 6418677709463 | White, 2,5 m, L2 connected | 10      |
| NAD5BS.WT025-L3 | 6418677709470 | White, 2,5 m, L3 connected | 10      |
| NAD5BS.BT025-L1 | 6418677709876 | Black, 2,5 m, L1 connected | 10      |
| NAD5BS.BT025-L2 | 6418677709883 | Black, 2,5 m, L2 connected | 10      |
| NAD5BS.BT025-L3 | 6418677709890 | Black, 2,5 m, L3 connected | 10      |
| NBD5BS.ST004    | 6418677723476 | Blue, 0,4 m                | 30      |
| NCD5BS.GT005    | 6418677723957 | Grey, 0,5 m                | 50      |



# EnstoNet Installation System Products

## Linect T-blocks

### 3-pole T-block A/A-coding

Linect T-block with one in (for a socket NAC32S.W) and one out (for a plug NAC31S.W). EnstoNet coding A - white. T-branch to be connected to the light fitting equipped with Linect screwless terminal block. Linect coding A - white. Weight 38,0 g.

| TYPE     | EAN CODE      | DESCRIPTION                                  | PACKAGE |
|----------|---------------|----------------------------------------------|---------|
| NAD3LA.W | 6418677724428 | Linect T-block 3-pole, A/A-coding (1, PE, N) | 10/50   |



### 3-pole T-block with strain relief A/A-code

Linect T-block with cable strain-relief. T-branch to be connected to the light fitting equipped with Linect screwless terminal block. Linect coding A - white. Weight 45,0 g.

| TYPE      | EAN CODE      | DESCRIPTION                                                     | PACKAGE |
|-----------|---------------|-----------------------------------------------------------------|---------|
| NAD3LAS.W | 6418677724473 | Linect T-block 3-pole with strain relief, A/A-coding (1, PE, N) | 10/50   |



### 5-pole T-block C/I-coding

Linect T-block with one in (for a socket NCC52S.G) and one out (for a plug NCC51S.G). EnstoNet coding C - grey. Designed specially for DALI/dimming purposes. T-branch to be connected to the light fitting equipped with Linect screwless terminal block. Linect coding I - blue. Weight 70,0 g.

| TYPE     | EAN CODE      | DESCRIPTION                                          | PACKAGE |
|----------|---------------|------------------------------------------------------|---------|
| NCD5LI.G | 6418677724466 | Linect T-block 5-pole, C/I-coding (1, N, PE, a+, b-) | 10/50   |



## OptiLine products

### OptiLine adapter EnstoNet-OSI

Schneider OptiLine adapter INS60014 with one in (for socket NAC32S.W) and one OSI-connection for the OptiLine socket outlet.

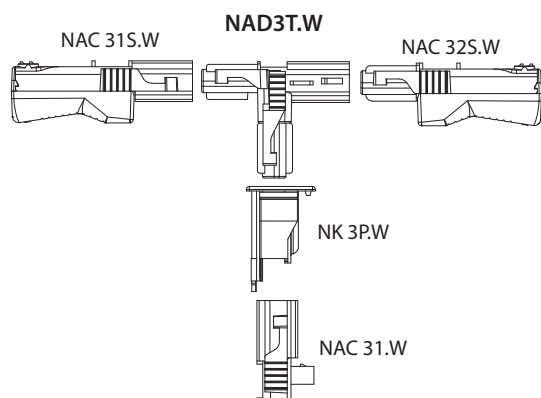
### OptiLine distribution block EnstoNet-OSI

Schneider OptiLine distribution block INS60015 with one in (for socket NAC32S.W), one out (for plug NAC31S.W) and one OSI-connection for the OptiLine socket outlet.

# EnstoNet Installation System Products

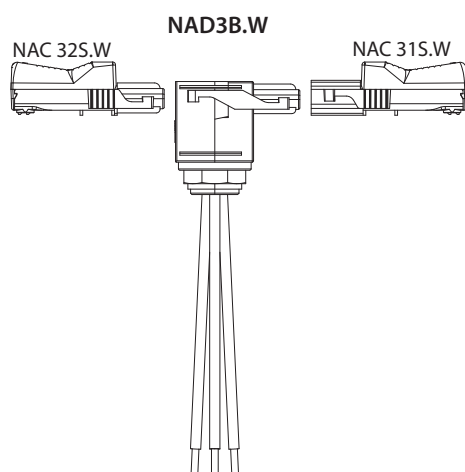
## T-connector connections

### T-connectors



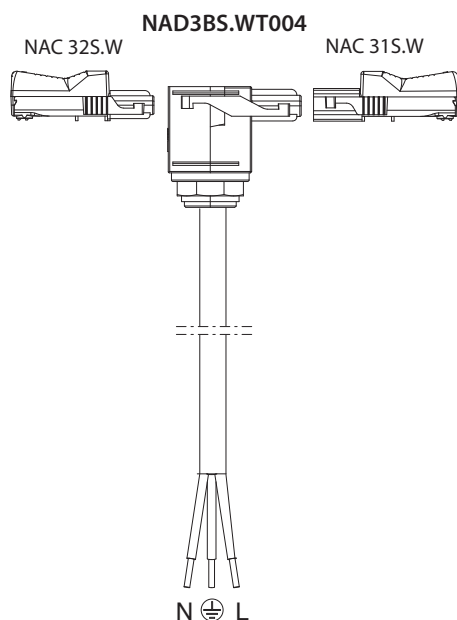
| TYPE      | IN       | AMOUNT | OUT      | AMOUNT | INTERFACE         |
|-----------|----------|--------|----------|--------|-------------------|
| NAD3T.W   | NAC32S.W | 1      | NAC31S.W | 1      | NAC31.W + NK3PW   |
| NAD3T.B   | NAC32S.B | 1      | NAC31S.B | 1      | NAC31.B + NK3PB   |
| NBD3T.S   | NBC32S.S | 1      | NBC31S.S | 1      | NBC31.S + NK3PS   |
| NCD3T.G   | NCC32S.G | 1      | NCC31S.G | 1      | NCC31.G + NK3PG   |
| NCD3T.P   | NCC32S.P | 1      | NCC31S.P | 1      | NCC31.P + NK3PP   |
| NAD3TH3.W | NAC32S.W | 1      | NAC31S.W | 1      | NAC31H.W + NK3PFW |
| NAD3TH3.B | NAC32S.B | 1      | NAC31S.B | 1      | NAC31H.B + NK3PFB |
| NCD3TH3.G | NCC32S.G | 1      | NCC31S.G | 1      | NCC31H.G + NK3PFG |
| NCD3TH3.P | NCC32S.P | 1      | NCC31S.P | 1      | NCC31H.P + NK3PPF |
| NAD4T.W   | NAC42S.W | 1      | NAC41S.W | 1      | NAC41.W + NK4PW   |
| NAD4TH3.W | NAC42S.W | 1      | NAC41S.W | 1      | NAC41H.W + NK4PFW |
| NAD5T.W   | NAC52S.W | 1      | NAC51S.W | 1      | NAC51.W + NK5PW   |
| NAD5T.B   | NAC52S.B | 1      | NAC51S.B | 1      | NAC51.B + NK5PB   |
| NCD5T.G   | NCC52S.G | 1      | NCC51S.G | 1      | NCC51.G + NK5PG   |
| NCD5T.P   | NCC52S.P | 1      | NCC51S.P | 1      | NCC51.P + NK5PP   |

### T-connectors with wires



| TYPE       | IN       | AMOUNT | OUT      | AMOUNT | INTERFACE |
|------------|----------|--------|----------|--------|-----------|
| NAD3B.W    | NAC32S.W | 1      | NAC31S.W | 1      | wires     |
| NAD3B.B    | NAC32S.B | 1      | NAC31S.B | 1      | wires     |
| NBD3B.S    | NBC32S.S | 1      | NBC31S.S | 1      | wires     |
| NCD3B.G    | NCC32S.G | 1      | NCC31S.G | 1      | wires     |
| NCD3B.P    | NCC32S.P | 1      | NCC31S.P | 1      | wires     |
| NAD5B.W    | NAC52S.W | 1      | NAC51S.W | 1      | wires     |
| NAD5B.W-L1 | NAC52S.W | 1      | NAC51S.W | 1      | wires     |
| NAD5B.W-L2 | NAC52S.W | 1      | NAC51S.W | 1      | wires     |
| NAD5B.W-L3 | NAC52S.W | 1      | NAC51S.W | 1      | wires     |
| NBD5B.S    | NBC52S.S | 1      | NBC51S.S | 1      | wires     |
| NBD5B.S-L1 | NBC52S.S | 1      | NBC51S.S | 1      | wires     |
| NBD5B.S-L2 | NBC52S.S | 1      | NBC51S.S | 1      | wires     |
| NBD5B.S-L3 | NBC52S.S | 1      | NBC51S.S | 1      | wires     |
| NCD5B.G    | NCC52S.G | 1      | NCC51S.G | 1      | wires     |

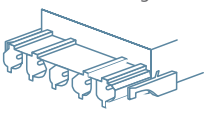
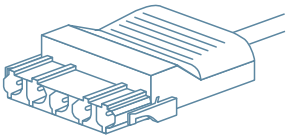
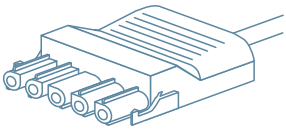
### T-connectors with cables



| TYPE            | IN       | AMOUNT | OUT      | AMOUNT | INTERFACE |
|-----------------|----------|--------|----------|--------|-----------|
| NAD3BS.WT004    | NAC32S.W | 1      | NAC31S.W | 1      | cable     |
| NAD3BS.WT010    | NAC32S.W | 1      | NAC31S.W | 1      | cable     |
| NAD3BS.WT025    | NAC32S.W | 1      | NAC31S.W | 1      | cable     |
| NAD5BS.WT004    | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT004-L1 | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT004-L2 | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT004-L3 | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT010    | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT010-L1 | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT010-L2 | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT010-L3 | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT025    | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT025-L1 | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT025-L2 | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.WT025-L3 | NAC52S.W | 1      | NAC51S.W | 1      | cable     |
| NAD5BS.BT025-L1 | NAC52S.B | 1      | NAC51S.B | 1      | cable     |
| NAD5BS.BT025-L2 | NAC52S.B | 1      | NAC51S.B | 1      | cable     |
| NAD5BS.BT025-L3 | NAC52S.B | 1      | NAC51S.B | 1      | cable     |

# Product Code Key

## for EnstoNet Prefabricated Leads

| N A L 3 3 0 M 1 5 0 1 0 B                                                                                           |             |   |                       |                       |                  |                   |        |        |        |        |        |                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------|-------------|---|-----------------------|-----------------------|------------------|-------------------|--------|--------|--------|--------|--------|---------------------------------------------------------------------------------------------------------------------------|
| N                                                                                                                   |             |   |                       |                       |                  |                   |        |        |        |        |        |                                                                                                                           |
|                                                                                                                     | A<br>B<br>C |   |                       |                       |                  |                   |        |        |        |        |        |                                                                                                                           |
|                                                                                                                     |             | L |                       |                       |                  |                   |        |        |        |        |        |                                                                                                                           |
|                                                                                                                     |             |   | 1<br>2<br>3<br>4<br>5 |                       |                  |                   |        |        |        |        |        |                                                                                                                           |
|                                                                                                                     |             |   |                       | 1<br>2<br>3<br>4<br>5 |                  |                   |        |        |        |        |        |                                                                                                                           |
|                                                                                                                     |             |   |                       |                       | 0<br>1<br>2<br>3 |                   |        |        |        |        |        |                                                                                                                           |
|                                                                                                                     |             |   |                       |                       |                  | M<br>T<br>W<br>CL |        |        |        |        |        |                                                                                                                           |
|                                                                                                                     |             |   |                       |                       |                  |                   | 1<br>2 | 5<br>5 |        |        |        |                                                                                                                           |
|                                                                                                                     |             |   |                       |                       |                  |                   |        |        | 0<br>0 | 1<br>1 | 0<br>5 |                                                                                                                           |
|                                                                                                                     |             |   |                       |                       |                  |                   |        |        |        |        |        | B                                                                                                                         |
| N = Net                                                                                                             |             |   |                       |                       |                  |                   |        |        |        |        |        |                                                                                                                           |
| A = standard coding<br>B = second mechanical coding<br>C = third mechanical coding                                  |             |   |                       |                       |                  |                   |        |        |        |        |        | mechanical coding<br>                  |
| L = lead                                                                                                            |             |   |                       |                       |                  |                   |        |        |        |        |        |                                                                                                                           |
| 1 = stripped, free other end<br>2 = 2-pole plug<br>3 = 3-pole plug<br>4 = 4-pole plug<br>5 = 5-pole plug            |             |   |                       |                       |                  |                   |        |        |        |        |        | shows the male end<br>                |
| 1 = stripped, free other end<br>2 = 2-pole socket<br>3 = 3-pole socket<br>4 = 4-pole socket<br>5 = 5-pole socket    |             |   |                       |                       |                  |                   |        |        |        |        |        | shows the female end<br>             |
| 0 = all phases connected<br>1 = L1 connected<br>2 = L2 connected<br>3 = L3 connected                                |             |   |                       |                       |                  |                   |        |        |        |        |        | shows the wiring                                                                                                          |
| M = H05VV-F = PVC<br>T = S05Z1Z1-F (halogen free)<br>W = S05Z1A7Z1-F (halogen free, shielded)<br>CL = control cable |             |   |                       |                       |                  |                   |        |        |        |        |        | cable type                                                                                                                |
| 15 = 1.5mm <sup>2</sup><br>25 = 2.5mm <sup>2</sup>                                                                  |             |   |                       |                       |                  |                   |        |        |        |        |        | cross-section of conductor<br>       |
| 010 = 1 meter<br>015 = 1.5 meters                                                                                   |             |   |                       |                       |                  |                   |        |        |        |        |        | length of the prefabricated lead<br> |
| B = black<br>G = grey<br>S = blue                                                                                   |             |   |                       |                       |                  |                   |        |        |        |        |        | colour of the coupler<br>              |

# EnstoNet Installation System Products

## 3-pole prefabricated leads, PVC

3x1.5 mm<sup>2</sup>, plug NAC31S.W/ socket NAC32S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL330M15010 | 6418677115400 | White, 1,0 m | 30      |
| NAL330M15015 | 6418677706981 | White, 1,5 m | 30      |
| NAL330M15020 | 6418677115417 | White, 2,0 m | 20      |
| NAL330M15025 | 6418677703607 | White, 2,5 m | 20      |
| NAL330M15030 | 6418677115424 | White, 3,0 m | 20      |
| NAL330M15040 | 6418677115431 | White, 4,0 m | 20      |
| NAL330M15050 | 6418677115448 | White, 5,0 m | 20      |
| NAL330M15060 | 6418677115455 | White, 6,0 m | 20      |
| NAL330M15070 | 6418677717383 | White, 7,0 m | 10      |
| NAL330M15080 | 6418677115462 | White, 8,0 m | 10      |



3x1.5 mm<sup>2</sup>, plug NAC31S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL310M15010 | 6418677117213 | White, 1,0 m | 50      |
| NAL310M15015 | 6418677703638 | White, 1,5 m | 50      |
| NAL310M15020 | 6418677116032 | White, 2,0 m | 50      |
| NAL310M15025 | 6418677703645 | White, 2,5 m | 50      |
| NAL310M15030 | 6418677117220 | White, 3,0 m | 20      |
| NAL310M15040 | 6418677116049 | White, 4,0 m | 20      |
| NAL310M15050 | 6418677117237 | White, 5,0 m | 20      |
| NAL310M15060 | 6418677708527 | White, 6,0 m | 20      |
| NAL310M15070 | 6418677706851 | White, 7,0 m | 20      |
| NAL310M15080 | 6418677710490 | White, 8,0 m | 10      |



3x1.5 mm<sup>2</sup>, socket NAC32S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL130M15010 | 6418677691102 | White, 1,0 m | 50      |
| NAL130M15015 | 6418677722196 | White, 1,5 m | 50      |
| NAL130M15020 | 6418677117299 | White, 2,0 m | 20      |
| NAL130M15025 | 6418677706608 | White, 2,5 m | 20      |
| NAL130M15030 | 6418677711299 | White, 3,0 m | 20      |
| NAL130M15040 | 6418677117305 | White, 4,0 m | 20      |
| NAL130M15050 | 6418677718045 | White, 5,0 m | 20      |
| NAL130M15060 | 6418677708534 | White, 6,0 m | 20      |
| NAL130M15080 | 6418677706615 | White, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC31S.W/ socket NAC32S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL330M25010 | 6418677115486 | White, 1,0 m | 30      |
| NAL330M25015 | 6418677706998 | White, 1,5 m | 30      |
| NAL330M25020 | 6418677115493 | White, 2,0 m | 20      |
| NAL330M25025 | 6418677707001 | White, 2,5 m | 20      |
| NAL330M25030 | 6418677115509 | White, 3,0 m | 20      |
| NAL330M25040 | 6418677115516 | White, 4,0 m | 20      |
| NAL330M25050 | 6418677115523 | White, 5,0 m | 10      |
| NAL330M25060 | 6418677115530 | White, 6,0 m | 10      |
| NAL330M25070 | 6418677717406 | White, 7,0 m | 10      |
| NAL330M25080 | 6418677115547 | White, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC31S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION   | PACKAGE |
|--------------|---------------|---------------|---------|
| NAL310M25010 | 6418677117244 | White, 1,0 m  | 50      |
| NAL310M25015 | 6418677703898 | White, 1,5 m  | 50      |
| NAL310M25020 | 6418677117251 | White, 2,0 m  | 50      |
| NAL310M25025 | 6418677702662 | White, 2,5 m  | 50      |
| NAL310M25030 | 6418677117268 | White, 3,0 m  | 20      |
| NAL310M25040 | 6418677117275 | White, 4,0 m  | 20      |
| NAL310M25050 | 6418677117282 | White, 5,0 m  | 20      |
| NAL310M25060 | 6418677708541 | White, 6,0 m  | 20      |
| NAL310M25070 | 6418677711428 | White, 7,0 m  | 20      |
| NAL310M25080 | 6418677710506 | White, 8,0 m  | 10      |
| NAL310M25100 | 6418677709005 | White, 10,0 m | 10      |



# EnstoNet Installation System Products

## 5-pole prefabricated leads, PVC

### 3x2.5 mm<sup>2</sup>, socket NAC32S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL130M25010 | 6418677718052 | White, 1,0 m | 50      |
| NAL130M25015 | 6418677722028 | White, 1,5 m | 50      |
| NAL130M25020 | 6418677115561 | White, 2,0 m | 50      |
| NAL130M25025 | 6418677722011 | White, 2,5 m | 50      |
| NAL130M25030 | 6418677718069 | White, 3,0 m | 20      |
| NAL130M25040 | 6418677115578 | White, 4,0 m | 20      |
| NAL130M25050 | 6418677718076 | White, 5,0 m | 20      |
| NAL130M25060 | 6418677708282 | White, 6,0 m | 20      |
| NAL130M25080 | 6418677706622 | White, 8,0 m | 10      |



### 5x1.5 mm<sup>2</sup>, plug NAC51S.W/ socket NAC52S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL550M15010 | 6418677115585 | White, 1,0 m | 20      |
| NAL550M15020 | 6418677115592 | White, 2,0 m | 20      |
| NAL550M15025 | 6418677716164 | White, 2,5 m | 20      |
| NAL550M15030 | 6418677115608 | White, 3,0 m | 20      |
| NAL550M15040 | 6418677115615 | White, 4,0 m | 10      |
| NAL550M15050 | 6418677115622 | White, 5,0 m | 10      |
| NAL550M15060 | 6418677115639 | White, 6,0 m | 10      |
| NAL550M15080 | 6418677115646 | White, 8,0 m | 10      |



### 5x1.5 mm<sup>2</sup>, plug NAC51S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL510M15010 | 6418677718083 | White, 1,0 m | 20      |
| NAL510M15020 | 6418677707339 | White, 2,0 m | 20      |
| NAL510M15030 | 6418677708565 | White, 3,0 m | 20      |
| NAL510M15040 | 6418677707346 | White, 4,0 m | 10      |
| NAL510M15050 | 6418677708572 | White, 5,0 m | 10      |
| NAL510M15060 | 6418677708589 | White, 6,0 m | 10      |
| NAL510M15080 | 6418677718090 | White, 8,0 m | 10      |



### 5x1.5 mm<sup>2</sup>, socket NAC52S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL150M15010 | 6418677717888 | White, 1,0 m | 20      |
| NAL150M15020 | 6418677715006 | White, 2,0 m | 20      |
| NAL150M15030 | 6418677708558 | White, 3,0 m | 20      |
| NAL150M15040 | 6418677714986 | White, 4,0 m | 10      |
| NAL150M15050 | 6418677718113 | White, 5,0 m | 10      |
| NAL150M15060 | 6418677718120 | White, 6,0 m | 10      |
| NAL150M15080 | 6418677706684 | White, 8,0 m | 10      |



### 3x1.5 mm<sup>2</sup>, plug NAC51S.W/ free end, 3-phase/1-phase connection

The special prefabricated lead is used when a 3-phase supply line is branched to single phase supplies for appliances. NAL511... L1 connected, NAL512... L2 connected and NAL513... L3 connected.

| TYPE         | EAN CODE      | DESCRIPTION                | PACKAGE |
|--------------|---------------|----------------------------|---------|
| NAL511M15010 | 6418677719455 | White, 1,0 m, L1 connected | 20      |
| NAL512M15010 | 6418677719462 | White, 1,0 m, L2 connected | 20      |
| NAL513M15010 | 6418677719479 | White, 1,0 m, L3 connected | 20      |
| NAL511M15020 | 6418677721311 | White, 2,0 m, L1 connected | 20      |
| NAL512M15020 | 6418677721458 | White, 2,0 m, L2 connected | 20      |
| NAL513M15020 | 6418677721588 | White, 2,0 m, L3 connected | 20      |
| NAL511M15025 | 6418677720185 | White, 2,0 m, L1 connected | 20      |
| NAL512M15025 | 6418677720192 | White, 2,5 m, L2 connected | 20      |
| NAL513M15025 | 6418677720208 | White, 2,5 m, L3 connected | 20      |
| NAL511M15030 | 6418677721328 | White, 3,0 m, L1 connected | 20      |
| NAL512M15030 | 6418677721465 | White, 3,0 m, L2 connected | 20      |
| NAL513M15030 | 6418677721595 | White, 3,0 m, L3 connected | 20      |
| NAL511M15040 | 6418677721335 | White, 4,0 m, L1 connected | 10      |
| NAL512M15040 | 6418677721472 | White, 4,0 m, L2 connected | 10      |
| NAL513M15040 | 6418677721601 | White, 4,0 m, L3 connected | 10      |
| NAL511M15050 | 6418677721342 | White, 5,0 m, L1 connected | 10      |
| NAL512M15050 | 6418677721489 | White, 5,0 m, L2 connected | 10      |
| NAL513M15050 | 6418677721618 | White, 5,0 m, L3 connected | 10      |



# EnstoNet Installation System Products

## 5-pole prefabricated leads, PVC

5x2.5 mm<sup>2</sup>, plug NAC51S.W/ socket NAC52S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL550M25010 | 6418677115660 | White, 1,0 m | 20      |
| NAL550M25020 | 6418677115677 | White, 2,0 m | 20      |
| NAL550M25030 | 6418677115684 | White, 3,0 m | 20      |
| NAL550M25040 | 6418677115707 | White, 4,0 m | 10      |
| NAL550M25050 | 6418677115691 | White, 5,0 m | 10      |
| NAL550M25060 | 6418677115714 | White, 6,0 m | 10      |
| NAL550M25080 | 6418677115721 | White, 8,0 m | 10      |



5x2.5 mm<sup>2</sup>, plug NAC51S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL510M25010 | 6418677718137 | White, 1,0 m | 20      |
| NAL510M25020 | 6418677715013 | White, 2,0 m | 20      |
| NAL510M25030 | 6418677708596 | White, 3,0 m | 20      |
| NAL510M25040 | 6418677703720 | White, 4,0 m | 10      |
| NAL510M25050 | 6418677715037 | White, 5,0 m | 10      |
| NAL510M25060 | 6418677708619 | White, 6,0 m | 10      |
| NAL510M25080 | 6418677718144 | White, 8,0 m | 10      |



5x2.5 mm<sup>2</sup>, socket NAC52S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL150M25010 | 6418677721298 | White, 1,0 m | 20      |
| NAL150M25020 | 6418677703935 | White, 2,0 m | 20      |
| NAL150M25030 | 6418677719486 | White, 3,0 m | 20      |
| NAL150M25040 | 6418677714993 | White, 4,0 m | 10      |
| NAL150M25050 | 6418677718168 | White, 5,0 m | 10      |
| NAL150M25060 | 6418677718175 | White, 6,0 m | 10      |
| NAL150M25080 | 6418677706714 | White, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC51S.W/ free end, 3-phase/1-phase connection

The special prefabricated lead is used when a 3-phase supply line is branched to single phase supplies for appliances. NAL511... L1 connected, NAL512... L2 connected and NAL513... L3 connected.

| TYPE         | EAN CODE      | DESCRIPTION                | PACKAGE |
|--------------|---------------|----------------------------|---------|
| NAL511M25010 | 6418677721359 | White, 1,0 m, L1 connected | 20      |
| NAL512M25010 | 6418677721496 | White, 1,0 m, L2 connected | 20      |
| NAL513M25010 | 6418677721625 | White, 1,0 m, L3 connected | 20      |
| NAL511M25020 | 6418677115745 | White, 2,0 m, L1 connected | 20      |
| NAL512M25020 | 6418677115752 | White, 2,0 m, L2 connected | 20      |
| NAL513M25020 | 6418677115769 | White, 2,0 m, L3 connected | 20      |
| NAL511M25030 | 6418677721366 | White, 3,0 m, L1 connected | 20      |
| NAL512M25030 | 6418677722042 | White, 3,0 m, L2 connected | 20      |
| NAL513M25030 | 6418677722059 | White, 3,0 m, L3 connected | 20      |
| NAL511M25040 | 6418677115776 | White, 4,0 m, L1 connected | 10      |
| NAL512M25040 | 6418677115783 | White, 4,0 m, L2 connected | 10      |
| NAL513M25040 | 6418677115790 | White, 4,0 m, L3 connected | 10      |
| NAL511M25050 | 6418677719936 | White, 5,0 m, L1 connected | 10      |
| NAL512M25050 | 6418677719943 | White, 5,0 m, L2 connected | 10      |
| NAL513M25050 | 6418677719950 | White, 5,0 m, L3 connected | 10      |



## 3-pole prefabricated leads, halogen-free

3x1.5 mm<sup>2</sup>, plug NAC31S.W/ socket NAC32S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL330T15010 | 6418677707018 | White, 1,0 m | 30      |
| NAL330T15015 | 6418677707025 | White, 1,5 m | 30      |
| NAL330T15020 | 6418677707032 | White, 2,0 m | 20      |
| NAL330T15025 | 6418677707049 | White, 2,5 m | 20      |
| NAL330T15030 | 6418677707056 | White, 3,0 m | 20      |
| NAL330T15040 | 6418677701641 | White, 4,0 m | 20      |
| NAL330T15050 | 6418677701658 | White, 5,0 m | 10      |
| NAL330T15060 | 6418677701665 | White, 6,0 m | 10      |
| NAL330T15080 | 6418677703065 | White, 8,0 m | 10      |



# EnstoNet Installation System Products

## 3-pole prefabricated leads, halogen-free

3x1.5 mm<sup>2</sup>, plug NAC31S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL310T15010 | 6418677706868 | White, 1,0 m | 50      |
| NAL310T15015 | 6418677706875 | White, 1,5 m | 50      |
| NAL310T15020 | 6418677706882 | White, 2,0 m | 50      |
| NAL310T15025 | 6418677706899 | White, 2,5 m | 50      |
| NAL310T15030 | 6418677706905 | White, 3,0 m | 20      |
| NAL310T15040 | 6418677706912 | White, 4,0 m | 20      |
| NAL310T15050 | 6418677706929 | White, 5,0 m | 20      |
| NAL310T15060 | 6418677705205 | White, 6,0 m | 10      |
| NAL310T15080 | 6418677711077 | White, 8,0 m | 10      |



3x1.5 mm<sup>2</sup>, socket NAC32S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL130T15010 | 6418677718199 | White, 1,0 m | 50      |
| NAL130T15015 | 6418677722219 | White, 1,5 m | 50      |
| NAL130T15020 | 6418677706639 | White, 2,0 m | 20      |
| NAL130T15025 | 6418677722226 | White, 2,5 m | 20      |
| NAL130T15030 | 6418677722202 | White, 3,0 m | 20      |
| NAL130T15040 | 6418677706646 | White, 4,0 m | 20      |
| NAL130T15050 | 6418677718205 | White, 5,0 m | 20      |
| NAL130T15060 | 6418677708930 | White, 6,0 m | 20      |
| NAL130T15080 | 6418677706660 | White, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC31S.W/ socket NAC32S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL330T25010 | 6418677703089 | White, 1,0 m | 30      |
| NAL330T25020 | 6418677703102 | White, 2,0 m | 20      |
| NAL330T25025 | 6418677703119 | White, 2,5 m | 20      |
| NAL330T25030 | 6418677703126 | White, 3,0 m | 20      |
| NAL330T25040 | 6418677703133 | White, 4,0 m | 20      |
| NAL330T25050 | 6418677703140 | White, 5,0 m | 10      |
| NAL330T25060 | 6418677703157 | White, 6,0 m | 10      |
| NAL330T25080 | 6418677703164 | White, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC31S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL310T25010 | 6418677703409 | White, 1,0 m | 50      |
| NAL310T25015 | 6418677702594 | White, 1,5 m | 50      |
| NAL310T25020 | 6418677703416 | White, 2,0 m | 50      |
| NAL310T25025 | 6418677703423 | White, 2,5 m | 50      |
| NAL310T25030 | 6418677703522 | White, 3,0 m | 20      |
| NAL310T25040 | 6418677703539 | White, 4,0 m | 20      |
| NAL310T25050 | 6418677703546 | White, 5,0 m | 20      |
| NAL310T25060 | 6418677708633 | White, 6,0 m | 20      |
| NAL310T25080 | 6418677718212 | White, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, socket NAC32S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL130T25010 | 6418677718229 | White, 1,0 m | 50      |
| NAL130T25020 | 6418677703577 | White, 2,0 m | 20      |
| NAL130T25030 | 6418677718236 | White, 3,0 m | 20      |
| NAL130T25040 | 6418677703584 | White, 4,0 m | 20      |
| NAL130T25050 | 6418677718243 | White, 5,0 m | 20      |
| NAL130T25060 | 6418677708640 | White, 6,0 m | 20      |
| NAL130T25080 | 6418677706677 | White, 8,0 m | 10      |



# EnstoNet Installation System Products

## 5-pole prefabricated leads, halogen-free

5x1.5 mm<sup>2</sup>, plug NAC51S.W/ socket NAC52S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL550T15010 | 6418677703188 | White, 1,0 m | 20      |
| NAL550T15020 | 6418677703195 | White, 2,0 m | 20      |
| NAL550T15030 | 6418677703201 | White, 3,0 m | 20      |
| NAL550T15040 | 6418677703218 | White, 4,0 m | 10      |
| NAL550T15050 | 6418677703225 | White, 5,0 m | 10      |
| NAL550T15060 | 6418677703232 | White, 6,0 m | 10      |
| NAL550T15080 | 6418677703249 | White, 8,0 m | 10      |



5x1.5 mm<sup>2</sup>, plug NAC51S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL510T15010 | 6418677720086 | White, 1,0 m | 20      |
| NAL510T15020 | 6418677703904 | White, 2,0 m | 20      |
| NAL510T15025 | 6418677720093 | White, 2,5 m | 20      |
| NAL510T15030 | 6418677708664 | White, 3,0 m | 20      |
| NAL510T15040 | 6418677703713 | White, 4,0 m | 10      |
| NAL510T15050 | 6418677708688 | White, 5,0 m | 10      |
| NAL510T15060 | 6418677708695 | White, 6,0 m | 10      |
| NAL510T15080 | 6418677714863 | White, 8,0 m | 10      |



5x1.5 mm<sup>2</sup>, socket NAC52S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL150T15010 | 6418677718274 | White, 1,0 m | 20      |
| NAL150T15020 | 6418677703911 | White, 2,0 m | 20      |
| NAL150T15025 | 6418677720147 | White, 2,5 m | 20      |
| NAL150T15030 | 6418677718281 | White, 3,0 m | 10      |
| NAL150T15040 | 6418677703928 | White, 4,0 m | 10      |
| NAL150T15050 | 6418677718298 | White, 5,0 m | 10      |
| NAL150T15060 | 6418677710988 | White, 6,0 m | 10      |
| NAL150T15080 | 6418677706721 | White, 8,0 m | 10      |



3x1.5 mm<sup>2</sup>, plug NAC51S.W/ free end, 3-phase/ 1-phase connection

The special prefabricated lead is used when a 3-phase supply line is branched to single phase supplies for appliances. NAL511... L1 connected, NAL512... L2 connected and NAL513... L3 connected.

| TYPE         | EAN CODE      | DESCRIPTION                | PACKAGE |
|--------------|---------------|----------------------------|---------|
| NAL511T15010 | 6418677721373 | White, 1,0m, L1 connected  | 20      |
| NAL512T15010 | 6418677721519 | White, 1,0 m, L2 connected | 20      |
| NAL513T15010 | 6418677721649 | White, 1,0 m, L3 connected | 20      |
| NAL511T15020 | 6418677721380 | White, 2,0 m, L1 connected | 20      |
| NAL512T15020 | 6418677721526 | White, 2,0 m, L2 connected | 20      |
| NAL513T15020 | 6418677721656 | White, 2,0 m, L3 connected | 20      |
| NAL511T15025 | 6418677720109 | White, 2,5 m               | 20      |
| NAL512T15025 | 6418677720116 | White, 2,0 m, L2 connected | 20      |
| NAL513T15025 | 6418677720123 | White, 2,5 m, L3 connected | 20      |
| NAL511T15030 | 6418677721397 | White, 3,0 m, L1 connected | 20      |
| NAL512T15030 | 6418677721533 | White, 3,0 m, L2 connected | 20      |
| NAL513T15030 | 6418677721663 | White, 3,0 m, L3 connected | 20      |
| NAL511T15040 | 6418677721403 | White, 4,0m, L1 connected  | 10      |
| NAL512T15040 | 6418677721984 | White, 4,0 m, L2 connected | 10      |
| NAL513T15040 | 6418677721670 | White, 4,0 m, L3 connected | 10      |
| NAL511T15050 | 6418677721410 | White, 5,0 m, L1 connected | 10      |
| NAL512T15050 | 6418677721540 | White, 5,0 m, L2 connected | 10      |
| NAL513T15050 | 6418677721687 | White, 5,0 m, L3 connected | 10      |



5x2.5 mm<sup>2</sup>, plug NAC51S.W/ socket NAC52S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL550T25010 | 6418677703263 | White, 1,0 m | 20      |
| NAL550T25020 | 6418677703270 | White, 2,0 m | 20      |
| NAL550T25030 | 6418677703287 | White, 3,0 m | 10      |
| NAL550T25040 | 6418677703294 | White, 4,0 m | 10      |
| NAL550T25050 | 6418677703300 | White, 5,0 m | 10      |
| NAL550T25060 | 6418677703317 | White, 6,0 m | 10      |
| NAL550T25080 | 6418677703324 | White, 8,0 m | 10      |



# EnstoNet Installation System Products

## 5-pole prefabricated leads, halogen-free

5x2.5 mm<sup>2</sup>, plug NAC51S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL510T25010 | 6418677706097 | White, 1,0 m | 20      |
| NAL510T25020 | 6418677715020 | White, 2,0 m | 20      |
| NAL510T25030 | 6418677708718 | White, 3,0 m | 20      |
| NAL510T25040 | 6418677707360 | White, 4,0 m | 10      |
| NAL510T25050 | 6418677704260 | White, 5,0 m | 10      |
| NAL510T25060 | 6418677707377 | White, 6,0 m | 10      |
| NAL510T25080 | 6418677714870 | White, 8,0 m | 10      |



5x2.5 mm<sup>2</sup>, socket NAC52S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL150T25010 | 6418677706738 | White, 1,0 m | 20      |
| NAL150T25020 | 6418677703959 | White, 2,0 m | 20      |
| NAL150T25030 | 6418677718311 | White, 3,0 m | 20      |
| NAL150T25040 | 6418677703966 | White, 4,0 m | 10      |
| NAL150T25050 | 6418677718328 | White, 5,0 m | 10      |
| NAL150T25060 | 6418677710995 | White, 6,0 m | 10      |
| NAL150T25080 | 6418677706745 | White, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC51S.W/ free end, 3-phase/ 1-phase connection

The special prefabricated lead is used when a 3-phase supply line is branched to single phase supplies for appliances. NAL511... L1 connected, NAL512... L2 connected and NAL513... L3 connected.

| TYPE         | EAN CODE      | DESCRIPTION                | PACKAGE |
|--------------|---------------|----------------------------|---------|
| NAL511T25010 | 6418677721427 | White, 1,0 m, L1 connected | 20      |
| NAL512T25010 | 6418677721557 | White, 1,0 m, L2 connected | 20      |
| NAL513T25010 | 6418677721694 | White, 1,0 m, L3 connected | 20      |
| NAL511T25020 | 6418677702600 | White, 2,0 m, L1 connected | 20      |
| NAL512T25020 | 6418677702617 | White, 2,0 m, L2 connected | 20      |
| NAL513T25020 | 6418677702624 | White, 2,0 m, L3 connected | 20      |
| NAL511T25030 | 6418677721434 | White, 3,0 m, L1 connected | 20      |
| NAL512T25030 | 6418677721564 | White, 3,0 m, L2 connected | 20      |
| NAL513T25030 | 6418677721700 | White, 3,0 m, L3 connected | 20      |
| NAL511T25040 | 6418677702631 | White, 4,0 m, L1 connected | 10      |
| NAL512T25040 | 6418677702648 | White, 4,0 m, L2 connected | 10      |
| NAL513T25040 | 6418677702655 | White, 4,0 m, L3 connected | 10      |
| NAL511T25050 | 6418677721441 | White, 5,0 m, L1 connected | 10      |
| NAL512T25050 | 6418677721571 | White, 5,0 m, L2 connected | 10      |
| NAL513T25050 | 6418677721717 | White, 5,0 m, L3 connected | 10      |



## 3-pole prefabricated leads, black couplers, halogen-free

3x1.5 mm<sup>2</sup>, plug NAC31S.B/ socket NAC32S.B

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL330T15010B | 6418677709579 | Black, 1,0 m | 30      |
| NAL330T15020B | 6418677704093 | Black, 2,0 m | 20      |
| NAL330T15030B | 6418677704109 | Black, 3,0 m | 20      |
| NAL330T15040B | 6418677711435 | Black, 4,0 m | 20      |
| NAL330T15050B | 6418677704116 | Black, 5,0 m | 10      |
| NAL330T15060B | 6418677709586 | Black, 6,0 m | 10      |
| NAL330T15080B | 6418677718335 | Black, 8,0 m | 10      |



3x1.5 mm<sup>2</sup>, plug NAC31S.B/ free end

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL310T15010B | 6418677718359 | Black, 1,0 m | 50      |
| NAL310T15020B | 6418677704123 | Black, 2,0 m | 20      |
| NAL310T15025B | 6418677720161 | Black, 2,5 m | 20      |
| NAL310T15030B | 6418677704130 | Black, 3,0 m | 20      |
| NAL310T15040B | 6418677711008 | Black, 4,0 m | 20      |
| NAL310T15050B | 6418677709593 | Black, 5,0 m | 10      |
| NAL310T15060B | 6418677704147 | Black, 6,0 m | 10      |
| NAL310T15080B | 6418677718366 | Black, 8,0 m | 10      |



# EnstoNet Installation System Products

## 3-pole prefabricated leads, black couplers, halogen-free

3x1.5 mm<sup>2</sup>, socket NAC32S.B/ free end

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL130T15010B | 6418677721281 | Black, 1,0 m | 20      |
| NAL130T15020B | 6418677711015 | Black, 2,0 m | 20      |
| NAL130T15030B | 6418677711022 | Black, 3,0 m | 20      |
| NAL130T15040B | 6418677718373 | Black, 4,0 m | 20      |
| NAL130T15050B | 6418677706653 | Black, 5,0 m | 10      |
| NAL130T15060B | 6418677718380 | Black, 6,0 m | 10      |
| NAL130T15080B | 6418677718397 | Black, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC31S.B/ socket NAC32S.B

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL330T25010B | 6418677704161 | Black, 1,0 m | 30      |
| NAL330T25020B | 6418677709609 | Black, 2,0 m | 20      |
| NAL330T25030B | 6418677704178 | Black, 3,0 m | 20      |
| NAL330T25040B | 6418677709616 | Black, 4,0 m | 20      |
| NAL330T25050B | 6418677704185 | Black, 5,0 m | 10      |
| NAL330T25060B | 6418677718403 | Black, 6,0 m | 10      |
| NAL330T25080B | 6418677718410 | Black, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC31S.B/ free end

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL310T25010B | 6418677704192 | Black, 1,0 m | 50      |
| NAL310T25020B | 6418677709623 | Black, 2,0 m | 20      |
| NAL310T25025B | 6418677720178 | Black, 2,5 m | 20      |
| NAL310T25030B | 6418677704208 | Black, 3,0 m | 20      |
| NAL310T25040B | 6418677718434 | Black, 4,0 m | 20      |
| NAL310T25050B | 6418677711442 | Black, 5,0 m | 10      |
| NAL310T25060B | 6418677711039 | Black, 6,0 m | 10      |
| NAL310T25080B | 6418677718441 | Black, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, socket NAC32S.B/ free end

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL130T25010B | 6418677722356 | Black, 1,0 m | 20      |
| NAL130T25020B | 6418677715181 | Black, 2,0 m | 20      |
| NAL130T25030B | 6418677715198 | Black, 3,0 m | 20      |
| NAL130T25040B | 6418677722363 | Black, 4,0 m | 20      |
| NAL130T25050B | 6418677704215 | Black, 5,0 m | 10      |
| NAL130T25060B | 6418677722004 | Black, 6,0 m | 10      |
| NAL130T25080B | 6418677722370 | Black, 8,0 m | 10      |



## 5-pole prefabricated leads, black couplers, halogen-free

5x1.5 mm<sup>2</sup>, plug NAC51S.B/ socket NAC52S.B

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL550T15010B | 6418677709630 | Black, 1,0 m | 20      |
| NAL550T15020B | 6418677709647 | Black, 2,0 m | 20      |
| NAL550T15030B | 6418677709654 | Black, 3,0 m | 20      |
| NAL550T15040B | 6418677709661 | Black, 4,0 m | 10      |
| NAL550T15050B | 6418677709678 | Black, 5,0 m | 10      |
| NAL550T15060B | 6418677709685 | Black, 6,0 m | 10      |
| NAL550T15080B | 6418677709692 | Black, 8,0 m | 10      |



# EnstoNet Installation System Products

## 5-pole prefabricated leads, black couplers, halogen-free

5x1.5 mm<sup>2</sup>, plug NAC51S.B/ free end

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL510T15010B | 6418677709715 | Black, 1,0 m | 20      |
| NAL510T15020B | 6418677709722 | Black, 2,0 m | 20      |
| NAL510T15030B | 6418677709739 | Black, 3,0 m | 20      |
| NAL510T15040B | 6418677709746 | Black, 4,0 m | 10      |
| NAL510T15050B | 6418677709753 | Black, 5,0 m | 10      |
| NAL510T15060B | 6418677709760 | Black, 6,0 m | 10      |
| NAL510T15080B | 6418677711046 | Black, 8,0 m | 10      |



5x1.5 mm<sup>2</sup>, socket NAC52S.B/ free end

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL150T15010B | 6418677718489 | Black, 1,0 m | 20      |
| NAL150T15020B | 6418677709777 | Black, 2,0 m | 20      |
| NAL150T15030B | 6418677718496 | Black, 3,0 m | 20      |
| NAL150T15040B | 6418677709784 | Black, 4,0 m | 10      |
| NAL150T15050B | 6418677718502 | Black, 5,0 m | 10      |
| NAL150T15060B | 6418677709791 | Black, 6,0 m | 10      |
| NAL150T15080B | 6418677711053 | Black, 8,0 m | 10      |



5x2.5 mm<sup>2</sup>, plug NAC51S.B/ socket NAC52S.B

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL550T25010B | 6418677705328 | Black, 1,0 m | 20      |
| NAL550T25020B | 6418677704222 | Black, 2,0 m | 20      |
| NAL550T25030B | 6418677704239 | Black, 3,0 m | 20      |
| NAL550T25040B | 6418677706271 | Black, 4,0 m | 10      |
| NAL550T25050B | 6418677709807 | Black, 5,0 m | 10      |
| NAL550T25060B | 6418677704246 | Black, 6,0 m | 10      |
| NAL550T25080B | 6418677708343 | Black, 8,0 m | 10      |



5x2.5 mm<sup>2</sup>, plug NAC51S.B/ free end

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL510T25010B | 6418677718519 | Black, 1,0 m | 20      |
| NAL510T25020B | 6418677711473 | Black, 2,0 m | 20      |
| NAL510T25030B | 6418677704253 | Black, 3,0 m | 10      |
| NAL510T25040B | 6418677709814 | Black, 4,0 m | 10      |
| NAL510T25050B | 6418677709821 | Black, 5,0 m | 10      |
| NAL510T25060B | 6418677709838 | Black, 6,0 m | 10      |
| NAL510T25080B | 6418677711060 | Black, 8,0 m | 10      |



5x2.5 mm<sup>2</sup>, socket NAC52S.B/ free end

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NAL150T25010B | 6418677718526 | Black, 1,0 m | 20      |
| NAL150T25020B | 6418677709845 | Black, 2,0 m | 20      |
| NAL150T25030B | 6418677718533 | Black, 3,0 m | 20      |
| NAL150T25040B | 6418677709852 | Black, 4,0 m | 10      |
| NAL150T25050B | 6418677715044 | Black, 5,0 m | 10      |
| NAL150T25060B | 6418677709869 | Black, 6,0 m | 10      |
| NAL150T25080B | 6418677721304 | Black, 8,0 m | 10      |



# EnstoNet Installation System Products

## 2-pole prefabricated leads, blue couplers, PVC

### 2x1.5 mm<sup>2</sup>, plug NBC21S.S/ socket NBC22S.S

The special prefabricated leads with the blue couplers is intended for using 230V controls or together with the switchboxes.

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NBL220M15010S | 6418677721793 | Blue, 1,0 m | 20      |
| NBL220M15020S | 6418677721809 | Blue, 2,0 m | 20      |
| NBL220M15030S | 6418677721816 | Blue, 3,0 m | 20      |
| NBL220M15040S | 6418677721823 | Blue, 4,0 m | 20      |
| NBL220M15050S | 6418677721830 | Blue, 5,0 m | 20      |



### 2x1.5 mm<sup>2</sup>, plug NBC21S.S/ free end

The special prefabricated leads with the blue coupler is intended for using together with the switchboxes. The free end of the cable is easy to connect to a switch equipped with screwless terminals.

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NBL210M15010S | 6418677721748 | Blue, 1,0 m | 20      |
| NBL210M15020S | 6418677721755 | Blue, 2,0 m | 20      |
| NBL210M15030S | 6418677721762 | Blue, 3,0 m | 20      |
| NBL210M15040S | 6418677721779 | Blue, 4,0 m | 20      |
| NBL210M15050S | 6418677721786 | Blue, 5,0 m | 20      |



## 3-pole prefabricated leads without earth wire, blue couplers, PVC

### 3x1.5 mm<sup>2</sup> N-type, plug NBC31S.S/ socket NBC32S.S

The special prefabricated leads with the blue couplers and N-type cable without earth wire is intended for using 230V controls or together with the switchboxes.

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NBL330N15040S | 6418677721915 | Blue, 4,0 m  | 20      |
| NBL330N15060S | 6418677721922 | Blue, 6,0 m  | 20      |
| NBL330N15100S | 6418677721939 | Blue, 10,0 m | 20      |



### 3x1.5 mm<sup>2</sup> N-type, plug NBC31S.S/ free end

The special prefabricated leads with the blue coupler and N-type cable without earth wire is intended for using together with the switchboxes.

| TYPE          | EAN CODE      | DESCRIPTION  | PACKAGE |
|---------------|---------------|--------------|---------|
| NBL310N15020S | 6418677721847 | Blue, 2,0 m  | 20      |
| NBL310N15030S | 6418677721854 | Blue, 3,0 m  | 20      |
| NBL310N15040S | 6418677721861 | Blue, 4,0 m  | 20      |
| NBL310N15050S | 6418677721878 | Blue, 5,0 m  | 20      |
| NBL310N15060S | 6418677721885 | Blue, 6,0 m  | 20      |
| NBL310N15080S | 6418677721892 | Blue, 8,0 m  | 10      |
| NBL310N15100S | 6418677721908 | Blue, 10,0 m | 10      |



## 5-pole prefabricated leads, blue couplers, halogen-free

### 5x1.5 mm<sup>2</sup>, plug NBC51S.S/ socket NBC52S.S

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NBL550T15020S | 6418677707803 | Blue, 2,0 m | 20      |
| NBL550T15030S | 6418677707810 | Blue, 3,0 m | 20      |
| NBL550T15040S | 6418677715303 | Blue, 4,0m  | 10      |
| NBL550T15050S | 6418677707827 | Blue, 5,0 m | 10      |
| NBL550T15060S | 6418677709166 | Blue, 6,0 m | 10      |



# EnstoNet Installation System Products

## 5-pole prefabricated leads, blue couplers, halogen-free

5x1.5 mm<sup>2</sup>/ plug NBC51S.S blue/ free end

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NBL510T15010S | 6418677707780 | Blue, 1,0 m | 20      |
| NBL510T15020S | 6418677710247 | Blue, 2,0 m | 20      |
| NBL510T15030S | 6418677721946 | Blue, 3,0 m | 20      |
| NBL510T15040S | 6418677710254 | Blue, 4,0 m | 20      |
| NBL510T15050S | 6418677722233 | Blue, 5,0 m | 20      |
| NBL510T15060S | 6418677722240 | Blue, 6,0 m | 20      |



5x1.5 mm<sup>2</sup>, socket NBC52S.S blue/ free end

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NBL150T15010S | 6418677710261 | Blue, 1,0 m | 20      |
| NBL150T15020S | 6418677714917 | Blue, 2,0 m | 20      |
| NBL150T15030S | 6418677722257 | Blue, 3,0 m | 20      |
| NBL150T15040S | 6418677707728 | Blue, 4,0 m | 10      |
| NBL150T15050S | 6418677722264 | Blue, 5,0 m | 10      |
| NBL150T15060S | 6418677722271 | Blue, 6,0 m | 10      |



5x2.5 mm<sup>2</sup>, plug NBC51S.S/ socket NBC52S.S

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NBL550T25020S | 6418677707834 | Blue, 2,0 m | 20      |
| NBL550T25030S | 6418677707841 | Blue, 3,0 m | 20      |
| NBL550T25040S | 6418677722288 | Blue, 4,0 m | 10      |
| NBL550T25050S | 6418677707858 | Blue, 5,0 m | 10      |
| NBL550T25060S | 6418677722295 | Blue, 6,0 m | 10      |



5x2.5 mm<sup>2</sup>, plug NBC51S.S/ free end

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NBL510T25010S | 6418677707797 | Blue, 1,0 m | 20      |
| NBL510T25020S | 6418677721953 | Blue, 2,0 m | 20      |
| NBL510T25030S | 6418677721960 | Blue, 3,0 m | 20      |
| NBL510T25040S | 6418677721977 | Blue, 4,0 m | 20      |
| NBL510T25050S | 6418677722301 | Blue, 5,0 m | 10      |
| NBL510T25060S | 6418677722318 | Blue, 6,0 m | 10      |



5x2.5 mm<sup>2</sup>, socket NBC52S.S/ free end

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NBL150T25010S | 6418677721724 | Blue, 1,0 m | 20      |
| NBL150T25020S | 6418677721731 | Blue, 2,0 m | 20      |
| NBL150T25030S | 6418677722325 | Blue, 3,0 m | 20      |
| NBL150T25040S | 6418677707735 | Blue, 4,0 m | 10      |
| NBL150T25050S | 6418677722332 | Blue, 5,0 m | 10      |
| NBL150T25060S | 6418677722349 | Blue, 6,0 m | 10      |



# EnstoNet Installation System Products

## 5-pole prefabricated leads, grey couplers, halogen-free

5x1.5 mm<sup>2</sup>, plug NCC51S.G/ socket NCC52S.G

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NCL550T15020G | 6418677708008 | Grey, 2,0 m | 20      |
| NCL550T15030G | 6418677708015 | Grey, 3,0 m | 20      |
| NCL550T15040G | 6418677708022 | Grey, 4,0 m | 10      |
| NCL550T15050G | 6418677708305 | Grey, 5,0 m | 10      |
| NCL550T15060G | 6418677708039 | Grey, 6,0 m | 10      |
| NCL550T15080G | 6418677708046 | Grey, 8,0 m | 10      |



5x1.5 mm<sup>2</sup>, plug NCC51S.G/ free end

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NCL510T15010G | 6418677707971 | Grey, 1,0 m | 20      |
| NCL510T15020G | 6418677710278 | Grey, 2,0 m | 20      |
| NCL510T15025G | 6418677720215 | Grey, 2,5 m | 20      |
| NCL510T15030G | 6418677707988 | Grey, 3,0 m | 20      |
| NCL510T15040G | 6418677711497 | Grey, 4,0 m | 20      |
| NCL510T15050G | 6418677711503 | Grey, 5,0 m | 10      |
| NCL510T15060G | 6418677711510 | Grey, 6,0 m | 10      |
| NCL510T15080G | 6418677708299 | Grey, 8,0 m | 10      |



5x1.5 mm<sup>2</sup>, socket NCC52S.G/ free end

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NCL150T15020G | 6418677711527 | Grey, 2,0 m | 20      |
| NCL150T15030G | 6418677707964 | Grey, 3,0 m | 20      |
| NCL150T15050G | 6418677711534 | Grey, 5,0 m | 10      |
| NCL150T15080G | 6418677710285 | Grey, 8,0 m | 10      |



5x2.5 mm<sup>2</sup>, plug NCC51S.G/ socket NCC52S.G

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NCL550T25020G | 6418677708053 | Grey, 2,0 m | 20      |
| NCL550T25030G | 6418677708060 | Grey, 3,0 m | 20      |
| NCL550T25040G | 6418677711541 | Grey, 4,0 m | 10      |
| NCL550T25050G | 6418677711558 | Grey, 5,0 m | 10      |
| NCL550T25060G | 6418677718632 | Grey, 6,0 m | 10      |
| NCL550T25080G | 6418677708077 | Grey, 8,0 m | 10      |



5x2.5 mm<sup>2</sup>, plug NCC51S.G/ free end

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NCL510T25020G | 6418677715327 | Grey, 2,0 m | 20      |
| NCL510T25030G | 6418677707995 | Grey, 3,0 m | 20      |
| NCL510T25050G | 6418677715334 | Grey, 5,0 m | 10      |
| NCL510T25060G | 6418677722387 | Grey, 6,0 m | 10      |



5x2.5 mm<sup>2</sup>, socket NCC52S.G/ free end

| TYPE          | EAN CODE      | DESCRIPTION | PACKAGE |
|---------------|---------------|-------------|---------|
| NCL150T25020G | 6418677714924 | Grey, 2,0 m | 20      |
| NCL150T25030G | 6418677714931 | Grey, 3,0 m | 20      |
| NCL150T25050G | 6418677714948 | Grey, 5,0 m | 10      |
| NCL150T25060G | 6418677722394 | Grey, 6,0 m | 10      |
| NCL150T25080G | 6418677722462 | Grey, 8,0 m | 10      |



# EnstoNet Installation System Products

## 3-pole prefabricated leads, halogen-free (shielded)

3x1.5 mm<sup>2</sup>, plug NAC31S.W/ socket NAC32S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL330W15010 | 6418677720222 | White, 1,0 m | 20      |
| NAL330W15020 | 6418677707117 | White, 2,0 m | 20      |
| NAL330W15030 | 6418677707124 | White, 3,0 m | 20      |
| NAL330W15040 | 6418677711565 | White, 4,0 m | 20      |
| NAL330W15050 | 6418677707148 | White, 5,0 m | 10      |
| NAL330W15060 | 6418677707155 | White, 6,0 m | 10      |
| NAL330W15080 | 6418677707179 | White, 8,0 m | 10      |



3x1.5 mm<sup>2</sup>, plug NAC31S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL310W15010 | 6418677720246 | White, 1,0 m | 20      |
| NAL310W15020 | 6418677706936 | White, 2,0 m | 20      |
| NAL310W15025 | 6418677720253 | White, 2,5 m | 20      |
| NAL310W15030 | 6418677706943 | White, 3,0 m | 20      |
| NAL310W15040 | 6418677720260 | White, 4,0 m | 10      |
| NAL310W15050 | 6418677706950 | White, 5,0 m | 10      |
| NAL310W15060 | 6418677718649 | White, 6,0 m | 10      |
| NAL310W15080 | 6418677720277 | White, 8,0 m | 10      |



3x1.5 mm<sup>2</sup>, socket NAC32S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL130W15020 | 6418677720284 | White, 2,0 m | 20      |
| NAL130W15030 | 6418677718656 | White, 3,0 m | 20      |
| NAL130W15040 | 6418677718663 | White, 4,0 m | 20      |
| NAL130W15050 | 6418677718670 | White, 5,0 m | 10      |
| NAL130W15060 | 6418677718687 | White, 6,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC31S.W/ socket NAC32S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL330W25010 | 6418677720291 | White, 1,0 m | 20      |
| NAL330W25020 | 6418677707209 | White, 2,0 m | 20      |
| NAL330W25030 | 6418677707216 | White, 3,0 m | 20      |
| NAL330W25040 | 6418677711572 | White, 4,0 m | 20      |
| NAL330W25050 | 6418677707223 | White, 5,0 m | 10      |
| NAL330W25060 | 6418677707230 | White, 6,0 m | 10      |
| NAL330W25080 | 6418677707247 | White, 8,0 m | 10      |



3x2.5 mm<sup>2</sup>, plug NAC31S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL310W25010 | 6418677720307 | White, 1,0 m | 20      |
| NAL310W25020 | 6418677718694 | White, 2,0 m | 20      |
| NAL310W25030 | 6418677718700 | White, 3,0 m | 20      |
| NAL310W25040 | 6418677718717 | White, 4,0 m | 20      |
| NAL310W25050 | 6418677718724 | White, 5,0 m | 10      |
| NAL310W25060 | 6418677718731 | White, 6,0 m | 10      |



3x2.5 mm<sup>2</sup>, socket NAC32S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL130W25020 | 6418677718748 | White, 2,0 m | 20      |
| NAL130W25030 | 6418677718755 | White, 3,0 m | 20      |
| NAL130W25040 | 6418677718762 | White, 4,0 m | 20      |
| NAL130W25050 | 6418677718779 | White, 5,0 m | 10      |
| NAL130W25060 | 6418677718786 | White, 6,0 m | 10      |



# EnstoNet Installation System Products

## 5-pole prefabricated leads, halogen-free (shielded)

5x1.5 mm<sup>2</sup>, plug NAC51S.W/ socket NAC52S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL550W15010 | 6418677720314 | White, 1,0 m | 20      |
| NAL550W15020 | 6418677707384 | White, 2,0 m | 20      |
| NAL550W15030 | 6418677707391 | White, 3,0 m | 20      |
| NAL550W15040 | 6418677711589 | White, 4,0 m | 20      |
| NAL550W15050 | 6418677707414 | White, 5,0 m | 10      |
| NAL550W15060 | 6418677707421 | White, 6,0 m | 10      |
| NAL550W15080 | 6418677707445 | White, 8,0 m | 10      |



5x1.5 mm<sup>2</sup>, plug NAC51S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL510W15010 | 6418677720321 | White, 1,0 m | 20      |
| NAL510W15020 | 6418677711596 | White, 2,0 m | 20      |
| NAL510W15025 | 6418677720338 | White, 2,5 m | 20      |
| NAL510W15030 | 6418677711602 | White, 3,0 m | 20      |
| NAL510W15040 | 6418677711619 | White, 4,0 m | 20      |
| NAL510W15050 | 6418677708336 | White, 5,0 m | 10      |
| NAL510W15060 | 6418677711626 | White, 6,0 m | 10      |



5x1.5 mm<sup>2</sup>, socket NAC52S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL150W15010 | 6418677720345 | White, 1,0 m | 20      |
| NAL150W15020 | 6418677717437 | White, 2,0 m | 20      |
| NAL150W15025 | 6418677720352 | White, 2,5 m | 20      |
| NAL150W15030 | 6418677718793 | White, 3,0 m | 20      |
| NAL150W15040 | 6418677718809 | White, 4,0 m | 20      |
| NAL150W15050 | 6418677718816 | White, 5,0 m | 10      |
| NAL150W15060 | 6418677718823 | White, 6,0 m | 10      |



5x2.5 mm<sup>2</sup>, plug NAC51S.W/ socket NAC52S.W

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL550W25010 | 6418677720369 | White, 1,0 m | 20      |
| NAL550W25020 | 6418677707469 | White, 2,0 m | 20      |
| NAL550W25030 | 6418677707476 | White, 3,0 m | 20      |
| NAL550W25050 | 6418677707483 | White, 5,0 m | 10      |
| NAL550W25060 | 6418677707490 | White, 6,0 m | 10      |
| NAL550W25080 | 6418677707506 | White, 8,0 m | 10      |



5 x 2.5 mm<sup>2</sup>, plug NAC51S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL510W25010 | 6418677720376 | White, 1,0 m | 20      |
| NAL510W25020 | 6418677718830 | White, 2,0 m | 20      |
| NAL510W25025 | 6418677720383 | White, 2,5 m | 20      |
| NAL510W25030 | 6418677717857 | White, 3,0 m | 20      |
| NAL510W25040 | 6418677718847 | White, 4,0 m | 10      |
| NAL510W25050 | 6418677718854 | White, 5,0 m | 10      |
| NAL510W25060 | 6418677718861 | White, 6,0 m | 10      |



5x2.5 mm<sup>2</sup>, socket NAC52S.W/ free end

| TYPE         | EAN CODE      | DESCRIPTION  | PACKAGE |
|--------------|---------------|--------------|---------|
| NAL150W25010 | 6418677720390 | White, 1,0 m | 20      |
| NAL150W25020 | 6418677717802 | White, 2,0 m | 20      |
| NAL150W25025 | 6418677720406 | White, 2,5 m | 20      |
| NAL150W25030 | 6418677718878 | White, 3,0 m | 20      |
| NAL150W25040 | 6418677717819 | White, 4,0 m | 10      |
| NAL150W25050 | 6418677718885 | White, 5,0 m | 10      |
| NAL150W25060 | 6418677718892 | White, 6,0 m | 10      |
| NAL150W25080 | 6418677720413 | White, 8,0 m | 10      |



# EnstoNet Installation System Products

## 3-pole control leads, grey couplers, KLMA

### 2x 0.8+0.8 mm<sup>2</sup>, plug NCS31.G/ socket NCS32.G

Prefabricated leads with grey couplers and signal cable KLMA are intended for use in small voltage control.

| TYPE           | EAN CODE      | DESCRIPTION | PACKAGE |
|----------------|---------------|-------------|---------|
| NCL330CL08020G | 6418677722066 | Grey, 2,0 m | 20      |
| NCL330CL08030G | 6418677719271 | Grey, 3,0 m | 20      |
| NCL330CL08040G | 6418677722073 | Grey, 4,0 m | 20      |
| NCL330CL08050G | 6418677719295 | Grey, 5,0 m | 20      |
| NCL330CL08060G | 6418677719301 | Grey, 6,0 m | 10      |
| NCL330CL08080G | 6418677719318 | Grey, 8,0 m | 10      |



### 2x 0.8+0.8 mm<sup>2</sup>, plug NCS31.G/ free end

Prefabricated leads with grey couplers and signal cable KLMA are intended for use in small voltage control.

| TYPE           | EAN CODE      | DESCRIPTION | PACKAGE |
|----------------|---------------|-------------|---------|
| NCL310CL08010G | 6418677719332 | Grey, 1,0 m | 20      |
| NCL310CL08020G | 6418677719349 | Grey, 2,0 m | 20      |
| NCL310CL08030G | 6418677719356 | Grey, 3,0 m | 20      |
| NCL310CL08040G | 6418677719363 | Grey, 4,0 m | 20      |
| NCL310CL08050G | 6418677719370 | Grey, 5,0 m | 20      |
| NCL310CL08060G | 6418677719387 | Grey, 6,0 m | 10      |
| NCL310CL08080G | 6418677719394 | Grey, 8,0 m | 10      |



### 2x 0.8+0.8 mm<sup>2</sup>, socket NCS31.G/ free end

Prefabricated leads with grey couplers and signal cable KLMA are intended for use in small voltage control.

| TYPE           | EAN CODE      | DESCRIPTION | PACKAGE |
|----------------|---------------|-------------|---------|
| NCL130CL08020G | 6418677722080 | Grey, 2,0 m | 20      |
| NCL130CL08030G | 6418677722097 | Grey, 3,0 m | 20      |
| NCL130CL08040G | 6418677722103 | Grey, 4,0 m | 20      |
| NCL130CL08050G | 6418677722110 | Grey, 5,0 m | 20      |
| NCL130CL08060G | 6418677722127 | Grey, 6,0 m | 10      |
| NCL130CL08080G | 6418677722134 | Grey, 8,0 m | 10      |



# Product Code Key

## for Couplers and Accessories

| N | A                | C                                    | 2 | 1      | S                | H                 | W |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---|------------------|--------------------------------------|---|--------|------------------|-------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N |                  |                                      |   |        |                  |                   |   | N = Net                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|   | A<br>B<br>C<br>G |                                      |   |        |                  |                   |   | <p>A = standard coding (mechanical coding)<br/>           B = second mechanical coding<br/>           C = third mechanical coding<br/>           The standard coding is A, the identifying colour of which is white or black. These are compatible with each other.<br/>           The second mechanical coding is the B coding, identifying the colour blue or beige. The B coding is not mechanically compatible with the A or C coding.<br/>           The third mechanical EnstoNet coding is the C coding, identifying the colour grey or red. The C coding is not compatible with the A or B connectors.<br/>           G as second character shows that e.g. in the junction box there are couplers with both A and B coding. Accessories independent of coding do not have a second character.</p> |
|   |                  | C<br>D<br>E<br>J<br>K<br>L<br>P<br>S |   |        |                  |                   |   | <p>C = coupler<br/>           D = distribution block<br/>           E = PCB couplers<br/>           J = junction box<br/>           K = accessory<br/>           L = prefabricated lead<br/>           P = socket outlet box<br/>           S = screwless connector</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|   |                  |                                      | 2 |        |                  |                   |   | 2 = 2-poles, etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|   |                  |                                      |   | 1<br>2 |                  |                   |   | <p>1 = installation plug (load side)<br/>           2 = installation socket (supply side)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|   |                  |                                      |   |        | S<br>D<br>K<br>R |                   |   | <p>S = strain-relief<br/>           In the boxes the additional attribute shows, that:<br/>           D = distribution box<br/>           K = switchbox<br/>           R = switchbox with a relay</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   |                  |                                      |   |        |                  | H<br>M<br>D<br>DL |   | <p>H = narrow coupler without latches<br/>           M = plastic<br/>           D = strain relief for two cables<br/>           DL = strain relief for two thinner cables</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|   |                  |                                      |   |        |                  |                   | B | <p>W = white       B = black <br/>           S = blue       F = beige <br/>           G = grey       P = red </p>                                                                                                                                                                  |

# EnstoNet Installation Couplers

## 2-pole installation couplers

### 2-pole couplers without strain-relief, plug

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Weight 6,6 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION   | PACKAGE |
|---------|---------------|---------------|---------|
| NAC21.W | 6418677109027 | White (1, N)  | 500     |
| NAC21.B | 6418677113840 | Black (1, N)  | 500     |
| NBC21.S | 6418677113680 | Blue (A, B)   | 500     |
| NCC21.G | 6418677117336 | Grey (a+, b-) | 500     |



### 2-pole couplers without strain-relief, socket

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Weight 6,9 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION   | PACKAGE |
|---------|---------------|---------------|---------|
| NAC22.W | 6418677109041 | White (1, N)  | 500     |
| NAC22.B | 6418677113857 | Black (1, N)  | 500     |
| NBC22.S | 6418677113703 | Blue (A, B)   | 500     |
| NCC22.G | 6418677117190 | Grey (a+, b-) | 500     |



### 2-pole screwless couplers without strain-relief, plug

For stranded and solid wires. Wire cross-sections: main terminals: 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals: 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of wires: main terminals: wire cross-section 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-section 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping 8-12 mm. Weight of the couplers 12,1 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION   | PACKAGE |
|---------|---------------|---------------|---------|
| NAS21.W | 6418677113192 | White (1, N)  | 200     |
| NAS21.B | 6418677115271 | Black (1, N)  | 200     |
| NBS21.S | 6418677117022 | Blue (A, B)   | 200     |
| NCS21.G | 6418677117145 | Grey (a+, b-) | 200     |



### 2-pole screwless couplers without strain-relief, socket

For stranded and solid wires. Wire cross-sections: main terminals: 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals: 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of wires: main terminals: wire cross-section 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-section 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping 8-12 mm. Weight of the couplers 12,3 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION   | PACKAGE |
|---------|---------------|---------------|---------|
| NAS22.W | 6418677113208 | White (1, N)  | 200     |
| NAS22.B | 6418677115288 | Black (1, N)  | 200     |
| NBS22.S | 6418677117039 | Blue (A, B)   | 200     |
| NCS22.G | 6418677117152 | Grey (a+, b-) | 200     |



### 2-pole panel mounting adapter

The panel mounting adapter is a separate product delivered without coupler, enabling pre-wiring. The panel mounting adapter is suitable for use both with 2-pole plug or socket and screw or screwless coupler without strain-relief. Weight 5,4 g.

| TYPE  | EAN CODE      | DESCRIPTION | PACKAGE |
|-------|---------------|-------------|---------|
| NK2PW | 6418677113062 | White       | 100/200 |
| NK2PB | 6418677113864 | Black       | 100/200 |
| NK2PG | 641867701559  | Grey        | 100/200 |
| NK2PK | 6418677114724 | Yellow      | 100/200 |
| NK2PP | 6418677114731 | Red         | 100/200 |
| NK2PS | 6418677114717 | Blue        | 100/200 |
| NK2PV | 6418677114748 | Green       | 100/200 |



# EnstoNet Installation Couplers

## 2-pole installation couplers

### 2-pole couplers with strain-relief, plug

For flexible, stranded and solid wires. Wire cross-section 0,75–4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 5,5–11,5 mm. Couplers NAC21SL.W, NAC21SL.B and NCC21SL.G with strain-relief for cables with outer diameter of 4,0–10,5 mm. Weight 11,8 g. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION   | PACKAGE |
|-----------|---------------|---------------|---------|
| NAC21S.W  | 6418677109034 | White (1, N)  | 200     |
| NAC21S.B  | 6418677113871 | Black (1, N)  | 200     |
| NBC21S.S  | 6418677113697 | Blue (A, B)   | 200     |
| NCC21S.G  | 6418677117343 | Grey (a+, b-) | 200     |
| NAC21SL.W | 6418677114861 | White (1, N)  | 200     |
| NAC21SL.B | 6418677114885 | Black (1, N)  | 200     |
| NCC21SL.G | 6418677117381 | Grey (a+, b-) | 200     |



### 2-pole couplers with strain-relief, socket

For flexible, stranded and solid wires. Wire cross-section 0,75–4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 5,5–11,5 mm. The couplers NAC22SL.W, NAC22SL.B and NCC22SL.G with strain-relief for cables with outer diameter of 4,0–10,5 mm. Weight 12,3 g. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION   | PACKAGE |
|-----------|---------------|---------------|---------|
| NAC22S.W  | 6418677109058 | White (1, N)  | 200     |
| NAC22S.B  | 6418677113888 | Black (1, N)  | 200     |
| NBC22S.S  | 6418677113710 | Blue (A, B)   | 200     |
| NCC22S.G  | 6418677117183 | Grey (a+, b-) | 200     |
| NAC22SL.W | 6418677114878 | White (1, N)  | 200     |
| NAC22SL.B | 6418677114892 | Black (1, N)  | 200     |
| NCC22SL.G | 6418677117473 | Grey (a+, b-) | 200     |



### 2-pole narrow couplers without strain-relief

For flexible, stranded and solid wires. Wire cross-section: 0,75–4,0 mm<sup>2</sup>. Weight: plug 5,9 g, socket 6,3 g. Coupler width: 19 mm. Other dimensions identical to respective versions with locking latches on the sides of the couplers. Separate locking device NK2F.W is delivered with the plug. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION          | PACKAGE |
|----------|---------------|----------------------|---------|
| NAC21H.W | 6418677113314 | Plug, white (1, N)   | 500     |
| NAC22H.W | 6418677113321 | Socket, white (1, N) | 500     |



### 2-pole narrow couplers with strain-relief

For flexible, stranded and solid wires. Wire cross-section: 0,75–4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 5,5–11,5 mm. Weight: plug 11,4 g, socket 11,7 g. Coupler width: 28 mm. Other dimensions identical to respective versions with locking latches on the sides of the couplers. Separate locking device NK2F.W is delivered with the plug. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION          | PACKAGE |
|-----------|---------------|----------------------|---------|
| NAC21SH.W | 6418677113338 | Plug, white (1, N)   | 200     |
| NAC22SH.W | 6418677113345 | Socket, white (1, N) | 200     |



### Separate locking device

Locking device is intended to use with 2-pole narrow couplers. Always supplied with narrow male connector. Weight 0,2 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE  |
|--------|---------------|-------------|----------|
| NK2F.W | 6418677113109 | White       | 100/1000 |



# EnstoNet Installation Couplers

## 3-pole installation couplers

### 3-pole couplers without strain-relief, plug

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Weight 9,8 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION       | PACKAGE |
|---------|---------------|-------------------|---------|
| NAC31.W | 6418677109065 | White (1, PE, N)  | 200     |
| NAC31.B | 6418677113895 | Black (1, PE, N)  | 200     |
| NBC31.S | 6418677113482 | Blue (A, B, C)    | 200     |
| NBC31.F | 6418677117985 | Beige (A, B, C)   | 200     |
| NCC31.G | 6418677117114 | Grey (a+, PE, b-) | 200     |
| NCC31.P | 6418677117886 | Red (1, PE, N)    | 200     |



### 3-pole couplers without strain-relief, socket

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Weight 10,1 g. Pole marking in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION       | PACKAGE |
|---------|---------------|-------------------|---------|
| NAC32.W | 6418677108990 | White (1, PE, N)  | 200     |
| NAC32.B | 6418677113901 | Black (1, PE, N)  | 200     |
| NBC32.S | 6418677113475 | Blue (A, B, C)    | 200     |
| NBC32.F | 6418677117992 | Beige (A, B, C)   | 200     |
| NCC32.G | 6418677117107 | Grey (a+, PE, b-) | 200     |
| NCC32.P | 6418677117879 | Red (1, PE, N)    | 200     |



### 3-pole screwless couplers without strain-relief, plug

For stranded and solid wires. Wire cross-sections: main terminals: 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals: 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of wires: main terminals: wire cross-section 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-section 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping 8-12 mm. Weight 17,7 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION       | PACKAGE |
|---------|---------------|-------------------|---------|
| NAS31.W | 6418677707667 | White (1, PE, N)  | 200     |
| NAS31.B | 6418677707650 | Black (1, PE, N)  | 200     |
| NBS31.S | 6418677117008 | Blue (A, B, C)    | 200     |
| NBS31.F | 6418677117794 | Beige (A, B, C)   | 200     |
| NCS31.G | 6418677117121 | Grey (a+, PE, b-) | 200     |
| NCS31.P | 6418677118111 | Red (1, PE, N)    | 200     |



### 3-pole screwless couplers without strain-relief, socket

For stranded and solid wires. Wire cross-sections: main terminals: 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals: 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of wires: main terminals: wire cross-section 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-section 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping 8-12 mm. Weight 18,2 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION       | PACKAGE |
|---------|---------------|-------------------|---------|
| NAS32.W | 6418677707681 | White (1, PE, N)  | 200     |
| NAS32.B | 6418677707674 | Black (1, PE, N)  | 200     |
| NBS32.S | 6418677117015 | Blue (A, B, C)    | 200     |
| NBS32.F | 6418677117800 | Beige (A, B, C)   | 200     |
| NCS32.G | 6418677117138 | Grey (a+, PE, b-) | 200     |
| NCS32.P | 6418677118104 | Red (1, PE, N)    | 200     |



### 3-pole panel mounting adapter

The panel mounting adapter is a separate product and delivered without coupler, enabling pre-wiring. The panel mounting adapter is suitable for use both with 3-pole plug or socket and screw or screwless coupler without strain-relief. Weight 5,5 g.

| TYPE  | EAN CODE      | DESCRIPTION | PACKAGE |
|-------|---------------|-------------|---------|
| NK3PW | 6418677113079 | White       | 100/200 |
| NK3PB | 6418677113918 | Black       | 100/200 |
| NK3PG | 6418677700309 | Grey        | 100/200 |
| NK3PK | 6418677114250 | Yellow      | 100/200 |
| NK3PP | 6418677114281 | Red         | 100/200 |
| NK3PS | 6418677114274 | Blue        | 100/200 |
| NK3PV | 6418677114267 | Green       | 100/200 |



# EnstoNet Installation Couplers

## 3-pole installation couplers

### 3-pole panel mounting adaptor for 5-pole aperture

The panel mounting adapter is a separate product and delivered without coupler, enabling pre-wiring. The 3-/5-pole panel mounting adapter is suitable for the mounting hole as needed for 5-pole adaptor and intended for use with 3-pole (plug or socket with screw or screwless) coupler without strain-relief. Weight 5,5 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NK35PLW | 6418677709203 | White       | 50/100  |



### 3-pole couplers with strain-relief, plug

For flexible, stranded and solid wires with cross-section 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 5,5-12,0 mm and NAC31SL.W for 4,5-11,0 mm. Weight 16,3 g. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION       | PACKAGE |
|----------|---------------|-------------------|---------|
| NAC31S.W | 6418677109003 | White (1, PE, N)  | 200     |
| NAC31S.B | 6418677113949 | Black (1, PE, N)  | 200     |
| NBC31S.S | 6418677113499 | Blue (A, B, C)    | 200     |
| NBC31S.F | 6418677117558 | Beige (A, B, C)   | 200     |
| NCC31S.G | 6418677117084 | Grey (a+, PE, b-) | 200     |
| NCC31S.P | 6418677117398 | Red (1, PE, N)    | 200     |
| NAC31SLW | 6418677708473 | White (1, PE, N)  | 200     |



### 3-pole couplers with strain-relief, socket

For flexible, stranded and solid wires with cross-section 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 5,5-12,0 mm and NAC32SL.W for 4,5-11,0 mm. Weight 16,8 g. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION       | PACKAGE |
|----------|---------------|-------------------|---------|
| NAC32S.W | 6418677109072 | White (1, PE, N)  | 200     |
| NAC32S.B | 6418677113956 | Black (1, PE, N)  | 200     |
| NBC32S.S | 6418677113505 | Blue (A, B, C)    | 200     |
| NBC32S.F | 6418677117787 | Beige (A, B, C)   | 200     |
| NCC32S.G | 6418677117091 | Grey (a+, PE, b-) | 200     |
| NCC32S.P | 6418677117404 | Red (1, PE, N)    | 200     |
| NAC32SLW | 6418677708480 | White (1, PE, N)  | 200     |



### 3-pole couplers with strain-relief, 10 pieces/bag

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 5,5-12,0 mm. Weight: plug: 16,3 g, socket: 16,8 g. Packing: 10 pieces/bag and 20 bags/box. 1 packing unit = 10 couplers. Pole markings in parentheses.

| TYPE       | EAN CODE      | DESCRIPTION               | PACKAGE |
|------------|---------------|---------------------------|---------|
| NAC31S.WX2 | 6418677706363 | Plug, white (1, PE, N)    | 1/20    |
| NAC32S.WX2 | 6418677700873 | Socket, white (1, PE, N)  | 1/20    |
| NAC31S.BX2 | 6418677710292 | Plug, black (1, PE, N)    | 1/20    |
| NAC32S.BX2 | 6418677710308 | Socket, black (1, PE, N)  | 1/20    |
| NBC31S.SX2 | 6418677710339 | Plug, blue (A, B, C)      | 1/20    |
| NBC32S.SX2 | 6418677710346 | Socket, blue, (A, B, C)   | 1/20    |
| NCC31S.GX2 | 6418677710377 | Plug, grey (a+, PE, b-)   | 1/20    |
| NCC32S.GX2 | 6418677710384 | Socket, grey (a+, PE, b-) | 1/20    |



### Strain-relief of 3-pole couplers for 4 mm<sup>2</sup> cables

The separate strain-relief for 4 mm<sup>2</sup> cables, diameter Ø 12 - 16 mm. The strain-relief can be used with 3-pole plug and socket couplers without strain-relief, eg. NAC31.W and NAC32.W. Weight 14,0 g. It is not allowed to sell or use this product in Germany.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE |
|--------|---------------|-------------|---------|
| NS3M.W | 6418677712258 | White       | 200     |
| NS3M.P | 6418677715792 | Red         | 200     |



# EnstoNet Installation Couplers

## 3-pole installation couplers

### 3-pole strain-relief of screwless couplers for two cables

The separate strain-relief is intended for use with screwless coupler. The strain-relief can be used with plug and socket coupler. Strain-relief for cables with outer diameter of Ø 4,0-8,5 mm and Ø 7,0-11,0 mm. Weight 27,3 g.

| TYPE    | EAN CODE      | DESCRIPTION                  | PACKAGE |
|---------|---------------|------------------------------|---------|
| NS3D.W  | 6418677118128 | White, for 7 - 11 mm cables  | 200     |
| NS3DL.W | 6418677118135 | White, for 4 - 8,5 mm cables | 200     |



### 3-pole narrow couplers without strain-relief

For flexible, stranded and solid wire. Wire cross-section: 0,75-4,0 mm<sup>2</sup>. Weight: plug 9,2 g, socket 9,6 g. Coupler width: 28 mm. Other dimensions identical to respective versions with locking latches on the sides of the coupler. The separate locking device NK3F.W is delivered with the plug. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION              | PACKAGE |
|----------|---------------|--------------------------|---------|
| NAC31H.W | 6418677113352 | Plug, white (1, PE, N)   | 200     |
| NAC31H.B | 6418677118081 | Plug, black (1, PE, N)   | 200     |
| NAC32H.W | 6418677113291 | Socket, white (1, PE, N) | 200     |



### 3-pole narrow couplers with strain-relief

For flexible, stranded and solid wire. Wire cross-section: 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 5,5-12,0 mm. Weight: plug 15,6 g, socket 16,1 g. Coupler width: 28 mm. Other dimensions identical to respective versions with locking latches on the sides of the coupler. The separate locking device NK3F.W is delivered with the plug. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION              | PACKAGE |
|-----------|---------------|--------------------------|---------|
| NAC31SH.W | 6418677113307 | Plug, white (1, PE, N)   | 200     |
| NAC32SH.W | 6418677113369 | Socket, white (1, PE, N) | 200     |



### 3-pole narrow screwless couplers without strain-relief

For stranded and solid wires. Wire cross-sections: main terminals 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of the wires: main terminals: wire cross-sections: 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-sections: 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping: 8-12 mm. Weight: plug 17,5 g, socket 17,5 g. Coupler width 28 mm. Other dimensions identical to respective versions with locking latches on the sides of the coupler. The separate locking device NK3F.W is delivered with the plug. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION              | PACKAGE |
|----------|---------------|--------------------------|---------|
| NAS31H.W | 6418677113536 | Plug, white (1, PE, N)   | 200     |
| NAS31H.B | 6418677709364 | Black (1, PE, N)         | 200     |
| NAS32H.W | 6418677113529 | Socket, white (1, PE, N) | 200     |



### 3-pole narrow panel mounting adapter

The panel mounting adapter is a separate product and delivered without coupler, enabling pre-wiring. The panel mounting adapter is suitable for use both with 3-pole plug or socket and screw or screwless couplers without locking devices and strain-relief. Weight 3,1 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NK3PF.W | 6418677113086 | White       | 100/200 |
| NK3PF.B | 6418677115868 | Black       | 100/200 |
| NK3PF.G | 6418677701566 | Grey        | 100/200 |
| NK3PF.K | 6418677115875 | Yellow      | 100/200 |
| NK3PF.P | 6418677115882 | Red         | 100/200 |
| NK3PF.S | 6418677115899 | Blue        | 100/200 |
| NK3PF.V | 6418677115905 | Green       | 100/200 |



### 3-pole blanking cap for panel mounting adapter

When installation couplers or other EnstoNet products are used in easily accessible areas, the unconnected socket must be covered with a separate blanking cap. NK 3CP.W blanking cap is suitable for use with 3-pole sockets in a panel mounting adapter. Weight 11,3 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE  |
|---------|---------------|-------------|----------|
| NK3CP.W | 6418677113970 | White       | 100/1000 |
| NK3CP.B | 6418677117206 | Black       | 100/1000 |



# EnstoNet Installation Couplers

## 3-pole installation couplers

### 3-pole intermediate coupling

The 3-pole intermediate coupling to be used to connect two light fittings to each other without intermediate leads. Weight 7,5 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NAK3A.W | 6418677113833 | White       | 100/200 |



### Separate locking device

The locking device is intended for use with 3-pole narrow couplers. Always supplied with narrow male connector. Weight 0,5 g.

| TYPE  | EAN CODE      | DESCRIPTION | PACKAGE  |
|-------|---------------|-------------|----------|
| NK3FW | 6418677113116 | White       | 100/1000 |



### Mounting pad

Mounting pad NKB.W is suitable for mounting directly to a surface with screws or to a DIN 35 rail. Weight 11,3 g.

| TYPE  | EAN CODE      | DESCRIPTION | PACKAGE  |
|-------|---------------|-------------|----------|
| NKB.W | 6418677114243 | White       | 100/1000 |
| NKB.B | 6418677115127 | Black       | 100/1000 |



### 3-pole blind panel mounting adapter

Aperture  $\varnothing$  16,5 mm for fixed installation cable. Lead-in with a membrane seal PMR 1237. The dimensions of the mounting hole are the same as for NK 3P.W panel mounting adapter. A blind panel mounting adapter can be used, for example, to convert an EnstoNet light fitting to a traditional installation light fitting. Weight 3,2 g/each.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NK3PB.W | 6418677114397 | White       | 100/200 |



### 3-pole blanking cap

When installation couplers or other EnstoNet products are used in easily accessible areas, the unconnected socket must be covered with a separate blanking cap. NK 3C.W blanking cap is suitable for use with 3-pole sockets. Weight 0,2 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE  |
|--------|---------------|-------------|----------|
| NK3C.W | 6418677113963 | White       | 100/1000 |



### Safety device for locking latches of 3-pole couplers

When the EnstoNet installation couplers are installed in easily accessible areas, they must be equipped so that they can be opened only with a tool. The extra safety device is pushed onto the locking latches of the connected couplers to prevent the opening of the connection without a tool. Weight 1,9 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE  |
|---------|---------------|-------------|----------|
| NK3FH.W | 6418677116605 | White       | 200/1000 |



# EnstoNet Installation Couplers

## 4-pole installation couplers

### 4-pole couplers without strain-relief, plug

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Weight 12,8 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION         | PACKAGE |
|---------|---------------|---------------------|---------|
| NAC41.W | 6418677113987 | White (1, PE, N, 2) | 100     |
| NAC41.B | 6418677114007 | Black (1, PE, N, 2) | 100     |



### 4-pole couplers without strain-relief, socket

For stranded, flexible and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Weight 13,3 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION         | PACKAGE |
|---------|---------------|---------------------|---------|
| NAC42.W | 6418677113994 | White (1, PE, N, 2) | 100     |
| NAC42.B | 6418677114014 | Black (1, PE, N, 2) | 100     |



### 4-pole screwless couplers without strain-relief, plug

For stranded and solid wires. Wire cross-sections: main terminals: 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals: 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of wires: main terminals: wire cross-section 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-section 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping 8-12 mm. Weight of the coupler 23,4 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION         | PACKAGE |
|---------|---------------|---------------------|---------|
| NAS41.W | 6418677114021 | White (1, PE, N, 2) | 100     |
| NAS41.B | 6418677115318 | Black (1, PE, N, 2) | 100     |



### 4-pole screwless couplers without strain-relief, socket

For stranded and solid wires. Wire cross-sections: main terminals: 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals: 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of wires: main terminals: wire cross-section 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-section 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping 8-12 mm. Weight of the coupler 23,8 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION         | PACKAGE |
|---------|---------------|---------------------|---------|
| NAS42.W | 6418677114038 | White (1, PE, N, 2) | 100     |
| NAS42.B | 6418677707698 | Black (1, PE, N, 2) | 100     |



### 4-pole panel mounting adapter

The panel mounting adapter is a separate product and delivered without coupler, enabling pre-wiring. The panel mounting adapter is suitable for use both with 4-pole plug or socket and screw or screwless couplers without strain-relief. Weight 6,7 g.

| TYPE  | EAN CODE      | DESCRIPTION | PACKAGE |
|-------|---------------|-------------|---------|
| NK4PW | 6418677114045 | White       | 50/100  |
| NK4PB | 6418677114052 | Black       | 50/100  |
| NK4PK | 6418677114755 | Yellow      | 50/100  |
| NK4PP | 6418677114762 | Red         | 50/100  |
| NK4PS | 6418677114779 | Blue        | 50/100  |
| NK4PV | 6418677114786 | Green       | 50/100  |



### 4-pole couplers with strain-relief, plug

For flexible, stranded and solid wires with cross-section 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 6,5 - 13,5 mm and NAC41SL.W for 5,5 - 12,5 mm. Weight 21,5 g. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION         | PACKAGE |
|-----------|---------------|---------------------|---------|
| NAC41S.W  | 6418677114069 | White (1, PE, N, 2) | 100     |
| NAC41S.B  | 6418677114083 | Black (1, PE, N, 2) | 100     |
| NAC41SL.W | 6418677708497 | White (1, PE, N)    | 100     |



# EnstoNet Installation Couplers

## 4-pole installation couplers

### 4-pole couplers with strain-relief, socket

For flexible, stranded and solid wires with cross-section 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 6,5-13,5 mm and NAC42SL.W for 5,5 - 12,5 mm. Weight 21,9 g. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION         | PACKAGE |
|-----------|---------------|---------------------|---------|
| NAC42S.W  | 6418677114076 | White (1, PE, N, 2) | 100     |
| NAC42S.B  | 6418677114090 | Black (1, PE, N, 2) | 100     |
| NAC42SL.W | 6418677708503 | White( 1, PE, N)    | 100     |



### 4-pole narrow couplers without strain-relief

For flexible, stranded and solid wires. Wire cross-section: 0,75-4,0 mm<sup>2</sup>. Weight: plug 12,2 g, socket 12,7 g. Coupler width: 39 mm. Other dimensions identical to respective versions with locking latches on the sides of the coupler. The separate locking device NK3F.W is delivered with plug. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION                 | PACKAGE |
|----------|---------------|-----------------------------|---------|
| NAC41H.W | 6418677114106 | Plug, white (1, PE, N, 2)   | 100     |
| NAC42H.W | 6418677114113 | Socket, white (1, PE, N, 2) | 100     |



### 4-pole narrow couplers with strain-relief

For flexible, stranded and solid wires. Wire cross-section: 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter 6,5-13,5 mm. Weight: plug 19,1 g, socket 19,6 g. Coupler width: 39 mm. Other dimensions identical to respective versions with locking latches on the sides of the coupler. The separate locking device NK3F.W is delivered with the plug. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION               | PACKAGE |
|-----------|---------------|---------------------------|---------|
| NAC41SH.W | 6418677114120 | Plug, white (1, PE, N, 2) | 100     |
| NAC42SH.W | 6418677114137 | White (1, PE, N, 2)       | 100     |



### 4-pole narrow panel mounting adapter

The panel mounting adapter is a separate product and delivered without coupler, enabling pre-wiring. The panel mounting adapter is suitable for use both with 4-pole plug or socket and screw or screwless couplers without locking devices and strain-relief. Weight 4,3 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NK4PE.W | 6418677114144 | White       | 100     |
| NK4PE.B | 6418677115912 | Black       | 50/100  |
| NK4PE.K | 6418677115929 | Yellow      | 50/100  |
| NK4PE.P | 6418677115936 | Red         | 50/100  |



### Separate locking device

The locking device is intended for use with 4-pole narrow couplers. Always supplied with narrow male connector. Weight 0,5 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE  |
|--------|---------------|-------------|----------|
| NK3F.W | 6418677113116 | White       | 100/1000 |



### Mounting pad

Mounting pad NKB.W is suitable for mounting directly to a surface with screws or to a DIN 35 rail. Weight 11,3 g.

| TYPE  | EAN CODE      | DESCRIPTION | PACKAGE  |
|-------|---------------|-------------|----------|
| NKB.W | 6418677114243 | White       | 100/1000 |
| NKB.B | 6418677115127 | Black       | 100/1000 |



# EnstoNet Installation Couplers

## 5-pole installation couplers

### 5-pole couplers without strain-relief, plug

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Weight 15,7 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION             | PACKAGE |
|---------|---------------|-------------------------|---------|
| NAC51.W | 6418677109089 | White (1, 2, PE, N, 3)  | 100     |
| NAC51.B | 6418677114151 | Black (1, 2, PE, N, 3)  | 100     |
| NBC51.S | 6418677113727 | Blue (A, B, C, D, E)    | 100     |
| NBC51.F | 6418677118005 | Beige (A, B, C, D, E)   | 100     |
| NCC51.G | 6418677117503 | Grey (1, N, PE, a+, b-) | 100     |
| NCC51.P | 6418677117923 | Red (1, 2, PE, N, 3)    | 100     |



### 5-pole couplers without strain-relief, socket

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Weight 16,5 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION             | PACKAGE |
|---------|---------------|-------------------------|---------|
| NAC52.W | 6418677109232 | White (1, 2, PE, N, 3)  | 100     |
| NAC52.B | 6418677114168 | Black (1, 2, PE, N, 3)  | 100     |
| NBC52.S | 6418677113741 | Blue (A, B, C, D, E)    | 100     |
| NBC52.F | 6418677118029 | Beige (A, B, C, D, E)   | 100     |
| NCC52.G | 6418677117527 | Grey (1, N, PE, a+, b-) | 100     |
| NCC52.P | 6418677700712 | Red (1, 2, PE, N, 3)    | 100     |



### 5-pole screwless couplers without strain-relief, plug

For stranded and solid wires. Wire cross-sections: main terminals: 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals: 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of wires: main terminals: wire cross-section 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-section 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping 8-12 mm. Weight 29,1 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION             | PACKAGE |
|---------|---------------|-------------------------|---------|
| NAS51.W | 6418677707704 | White (1, 2, PE, N, 3)  | 100     |
| NAS51.B | 6418677117565 | Black (1, 2, PE, N, 3)  | 100     |
| NBS51.S | 6418677724206 | Blue (A, B, C, D, E)    | 100     |
| NCS51.G | 6418677724213 | Grey (1, N, PE, a+, b-) | 100     |
| NCS51.P | 6418677724220 | Red (1, 2, PE, N, 3)    | 100     |



### 5-pole screwless couplers without strain-relief, socket

For stranded and solid wires. Wire cross-sections: main terminals: 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals: 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of wires: main terminals: wire cross-section 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-section 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping 8-12 mm. Weight 29,2 g. Pole markings in parentheses.

| TYPE    | EAN CODE      | DESCRIPTION             | PACKAGE |
|---------|---------------|-------------------------|---------|
| NAS52.W | 6418677707711 | White (1, 2, PE, N, 3)  | 100     |
| NAS52.B | 6418677118142 | Black (1, 2, PE, N, 3)  | 100     |
| NBS52.S | 6418677724237 | Blue (A, B, C, D, E)    | 100     |
| NCS52.G | 6418677724244 | Grey (1, N, PE, a+, b-) | 100     |
| NCS52.P | 6418677724251 | Red (1, 2, PE, N, 3)    | 100     |



### 5-pole panel mounting adapter

The panel mounting adapter is a separate product and delivered without couplers, enabling pre-wiring. The panel mounting adapter is suitable for use both with 5-pole plug or socket and screw or screwless couplers without strain-relief. Weight 8,7 g.

| TYPE  | EAN CODE      | DESCRIPTION | PACKAGE |
|-------|---------------|-------------|---------|
| NK5PW | 6418677113093 | White       | 50/100  |
| NK5PB | 6418677114175 | Black       | 50/100  |
| NK5PG | 6418677700293 | Grey        | 50/100  |
| NK5PK | 6418677114298 | Yellow      | 50/100  |
| NK5PP | 6418677114328 | Red         | 50/100  |
| NK5PS | 6418677114311 | Blue        | 50/100  |
| NK5PV | 6418677114304 | Green       | 50/100  |



# EnstoNet Installation Couplers

## 5-pole installation couplers

### 5-pole couplers with strain-relief, plug

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 6,5-14,5 mm. In couplers NAC51SL.W, NAC51SL.B and NCC51SL.G, strain-relief for cables with outer diameter 5,5-10,0 mm. Weight 25,1 g. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION             | PACKAGE |
|-----------|---------------|-------------------------|---------|
| NAC51S.W  | 6418677109225 | White (1, 2, PE, N, 3)  | 100     |
| NAC51S.B  | 6418677114182 | Black (1, 2, PE, N, 3)  | 100     |
| NBC51S.S  | 6418677113734 | Blue (A, B, C, D, E)    | 100     |
| NBC51S.F  | 6418677118012 | Beige (A, B, C, D, E)   | 100     |
| NCC51S.G  | 6418677117497 | Grey (1, N, PE, a+, b-) | 100     |
| NCC51S.P  | 6418677117909 | Red (1, 2, PE, N, 3)    | 100     |
| NAC51SL.W | 6418677114489 | White (1, 2, PE, N, 3)  | 100     |
| NAC51SL.B | 6418677116056 | Black (1, 2, PE, N, 3)  | 100     |
| NCC51SL.G | 6418677117855 | Grey (1, N, PE, a+, b-) | 100     |



### 5-pole couplers with strain-relief, socket

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 6,5-14,5 mm. In couplers NAC52SL.W, NAC52SL.B and NCC52SL.G, strain-relief for cables with outer diameter 5,5-10,0 mm. Weight 25,8 g. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION             | PACKAGE |
|-----------|---------------|-------------------------|---------|
| NAC52S.W  | 6418677112805 | White (1, 2, PE, N, 3)  | 100     |
| NAC52S.B  | 6418677114199 | Black (1, 2, PE, N, 3)  | 100     |
| NBC52S.S  | 6418677113758 | Blue (A, B, C, D, E)    | 100     |
| NBC52S.F  | 6418677118036 | Beige (A, B, C, D, E)   | 100     |
| NCC52S.G  | 6418677117510 | Grey (1, N, PE, a+, b-) | 100     |
| NCC52S.P  | 6418677117916 | Red (1, 2, PE, N, 3)    | 100     |
| NAC52SL.W | 6418677114496 | White (1, 2, PE, N, 3)  | 100     |
| NAC52SL.B | 6418677116063 | Black (1, 2, PE, N, 3)  | 100     |
| NCC52SL.G | 6418677117862 | Grey (1, N, PE, a+, b-) | 100     |



### 5-pole couplers with strain-relief, 5 pieces/bag

For flexible, stranded and solid wires. Wire cross-section 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 6,5-14,5 mm. Weight: plug: 25,1 g, socket: 25,8 g. Packing: 5 pieces/bag and 20 bags/box. 1 package unit = 5 couplers. Pole markings in parentheses.

| TYPE       | EAN CODE      | DESCRIPTION                     | PACKAGE |
|------------|---------------|---------------------------------|---------|
| NAC51S.WX2 | 6418677706387 | Plug, white (1, 2, PE, N, 3)    | 1/20    |
| NAC52S.WX2 | 6418677706394 | Socket, white (1, 2, PE, N, 3)  | 1/20    |
| NAC51S.BX2 | 6418677710315 | Plug, black (1, 2, PE, N, 3)    | 1/20    |
| NAC52S.BX2 | 6418677710322 | Socket, black (1, 2, PE, N, 3)  | 1/20    |
| NBC51S.SX2 | 6418677710353 | Plug, blue (A, B, C, D, E)      | 1/20    |
| NBC52S.SX2 | 6418677710360 | Socket, blue (A, B, C, D, E)    | 1/20    |
| NCC51S.GX2 | 6418677710391 | Plug, grey (1, PE, N, a+, b-)   | 1/20    |
| NCC52S.GX2 | 6418677710407 | Socket, grey (1, PE, N, a+, b-) | 1/20    |



### 5-pole strain-relief for 4 mm<sup>2</sup> cables

Separate strain-reliefs for 4 mm<sup>2</sup> cables with diameter Ø 12 - 17,5 mm. The strain-relief can be used with 5-pole plug and socket couplers without strain-relief, eg. NAC51.W and NAC52.W. Weight 23 g. NS5M2L.W for cables Ø 8 - 11 mm. 1-2 cables fits into this strain-relief. Weight 19 g. It is not allowed to sell or use this product in Germany.

| TYPE     | EAN CODE      | DESCRIPTION           | PACKAGE |
|----------|---------------|-----------------------|---------|
| NS5M.W   | 6418677712265 | For 12,0 -17,5 cables | 100/200 |
| NS5M.P   | 6418677715808 | For 12,0 -17,5 cables | 100/200 |
| NS5M2L.W | 6418677720079 | For 8,0 -11,0 cables  | 100/200 |



### 5-pole narrow couplers without strain-relief

For flexible, stranded and solid wires. Wire cross-section: 0,75-4,0 mm<sup>2</sup>. Weight: plug 15,0 g, socket 15,9 g. Coupler width: 48 mm. Other dimensions identical to respective versions with locking latches on the sides of the coupler. The separate locking device NK3F.W is delivered with a plug. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION                    | PACKAGE |
|----------|---------------|--------------------------------|---------|
| NAC51H.W | 6418677113376 | Plug, white (1, 2, PE, N, 3)   | 100     |
| NAC52H.W | 6418677113383 | Socket, white (1, 2, PE, N, 3) | 100     |



# EnstoNet Installation Couplers

## 5-pole installation couplers

### 5-pole narrow couplers with strain-relief

For flexible, stranded and solid wires. Wire cross-section: 0,75-4,0 mm<sup>2</sup>. Strain-relief for cables with outer diameter of 6,5-14,5 mm. Weight: plug 24,3 g, socket 24,9 g. Coupler width: 48 mm. Other dimensions identical to respective versions with locking latches on the sides of the coupler. The separate locking device NK3F.W is delivered with a plug. Pole markings in parentheses.

| TYPE      | EAN CODE      | DESCRIPTION                    | PACKAGE |
|-----------|---------------|--------------------------------|---------|
| NAC51SH.W | 6418677113390 | Plug, white (1, 2, PE, N, 3)   | 100     |
| NAC52SH.W | 6418677113406 | Socket, white (1, 2, PE, N, 3) | 100     |



### 5-pole narrow screwless couplers without strain-relief

For stranded and solid wires. Wire cross-sections: main terminals: 2 x 0,5-2,5 mm<sup>2</sup>, auxiliary terminals: 1 x 0,5-1,0 mm<sup>2</sup>. Stripping of wires: main terminals: wire cross-section 0,5 mm<sup>2</sup>-1,5 mm<sup>2</sup>: stripping: 8-12 mm, wire cross-section 2,5 mm<sup>2</sup>: stripping: 9-12 mm, auxiliary terminals: stripping 8-12 mm. Weight: plug 29,1 g, socket 28,6 g. Coupler width 48 mm. Other dimensions identical to respective versions with locking latches on the sides of the coupler. The separate locking device NK3F.W is delivered with the plug. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION                    | PACKAGE |
|----------|---------------|--------------------------------|---------|
| NAS51H.W | 6418677113666 | Plug, white (1, 2, PE, N, 3)   | 100     |
| NAS52H.W | 6418677113673 | Socket, white (1, 2, PE, N, 3) | 100     |



### 5-pole narrow panel mounting adapter

The panel mounting adapter is a separate product and delivered without coupler, enabling pre-wiring. The panel mounting adapter is suitable for use both with 5-pole plug or socket and screw or screwless couplers without locking devices and strain-relief. Weight 5,3 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NK5PF.W | 6418677114205 | White       | 50/100  |
| NK5PF.B | 6418677115967 | Black       | 50/100  |
| NK5PF.K | 6418677115974 | Yellow      | 50/100  |
| NK5PF.P | 6418677115981 | Red         | 50/100  |
| NK5PF.S | 6418677115998 | Blue        | 50/100  |
| NK5PF.V | 6418677116001 | Green       | 50/100  |



### Separate locking device

The locking device is intended for use with 5-pole narrow couplers. Always supplied with narrow male connector. Weight 0,5 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE  |
|--------|---------------|-------------|----------|
| NK3F.W | 6418677113116 | White       | 100/1000 |



### Mounting pad

Mounting pad NKB.W is suitable for mounting directly to a surface with screws or to a DIN 35 rail. Weight 11,3 g.

| TYPE  | EAN CODE      | DESCRIPTION | PACKAGE  |
|-------|---------------|-------------|----------|
| NKB.W | 6418677114243 | White       | 100/1000 |
| NKB.B | 6418677115127 | Black       | 100/1000 |



### 5-pole blind panel mounting adapter

Aperture ø 16,5 mm for fixed installation cable. Lead-in with a membrane seal PMR1237. The dimensions of the mounting hole is the same as for NK5P.W panel mounting adapter. A blind panel mounting adapter can be used, for example, to convert an EnstoNet light fitting to a traditional installation light fitting. Weight 4,1 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE |
|---------|---------------|-------------|---------|
| NK5PB.W | 6418677700729 | White       | 100/200 |



# EnstoNet Installation Couplers

## 5-pole installation couplers

### 5-pole blanking cap

When installation couplers or other EnstoNet products are used in easily accessible areas, the unconnected socket must be covered with a separate blanking cap. NK5C.W blanking cap for use with 5-pole sockets. Weight 0,2 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE  |
|--------|---------------|-------------|----------|
| NK5C.W | 6418677700736 | White       | 100/1000 |



### Safety device for locking latches of 5-pole couplers

When the EnstoNet installation couplers are installed in easily accessible areas, they must be installed so that they can be opened only with a tool. The extra safety device is pushed onto the locking latches of the connected couplers to prevent the opening of the connection without a tool. Weight 3,0 g.

| TYPE    | EAN CODE      | DESCRIPTION | PACKAGE  |
|---------|---------------|-------------|----------|
| NK5FH.W | 6418677116612 | White       | 200/1000 |



## 6- and 5-pole T-connectors and combination couplers

### 6-pole EnstoNet T-connector with wires

The NGJDM633 T-connector is used in connecting the operating voltage and the control signal to the light fitting. The T-connector is fixed to the light fitting with a M20 cable gland and a counter screw. The operating voltage is supplied with three stranded 1,5 mm<sup>2</sup> connecting wires and the control signal with two 1,5 mm<sup>2</sup> connecting wires. NGJDM633M has an extra white wire for permanent live to emergency fittings. The length of the connecting wires is 250 mm. The T-connector is supplied assembled and equipped with NAC31H2.W, NAC32H2.W, NBC31H1.S and NBC32H1.S -couplers. From the T-connector, the operating voltage and the control signal are continued to the next light fitting with a separate 6-pole cableset. The cableset parts must be ordered separately. Weight 129,0 g

| TYPE      | EAN CODE      | DESCRIPTION                       | PACKAGE |
|-----------|---------------|-----------------------------------|---------|
| NGJDM633  | 6418677116209 | White / blue, (1, PE, N, A, B, C) | 10      |
| NGJDM633M | 6418677709395 | White / blue (1, PE, N, A, B, C)  | 10      |



### 6-pole Enstonet T-connector box with cable

The NGJDM633S T-connectors are used for connecting light fittings or other devices to a 6-pole circuit. The T-connectors have a 0,4 m cable drop which is connected to the fitting. There are two different versions available. The standard version NGJDM633S with 5G1,0 cable drop has apart from live earth and neutral, two wires for control signal in black and red. The NGJDM633SM has a 6G1,0 cable drop with the extra white wire for permanent live to emergency fittings. The T-connector is supplied pre-assembled with NAC31H2.W, NAC32H2.W, NBC31H1.S and NBC32H1.S connectors. The 6-pole T-connectors are connected to the circuit with cable sets that have to be ordered separately. Weight of T-connector 129,0 g.

| TYPE       | EAN CODE      | DESCRIPTION                                                    | PACKAGE |
|------------|---------------|----------------------------------------------------------------|---------|
| NGJDM633S  | 6418677709401 | White/ blue 1, PE, N, B (black) and C (red) in drop            | 10      |
| NGJDM633SM | 6418677709418 | White/ blue 1, PE, N, A (white), B (black) and C (red) in drop | 10      |



### 6-pole coupler with strain-relief, plug

The 6-pole plug with strain-relief is used as the cableset plug for 6-pole circuits with 3-pole white and 3-pole blue. The NAC31H2.W and NBC31H1.S -couplers and the strain-relief are included. Delivered in parts. Weight 35,0 g.

| TYPE      | EAN CODE      | DESCRIPTION                      | PACKAGE |
|-----------|---------------|----------------------------------|---------|
| NGCST6133 | 6418677723131 | White / blue (1, PE, N, A, B, C) | 50      |



# EnstoNet Installation Couplers

## 6- and 5-pole T-connectors and combination couplers

### 6-pole coupler with strain-relief, socket

The 6-pole socket with strain-relief is used as the cables set socket for 6-pole circuits with 3-pole white and 3-pole blue. The NAC32H2.W and NBC32H1.S -couplers and the strain-relief are included. Delivered in parts. Weight 35,0 g.

| TYPE      | EAN CODE      | DESCRIPTION                      | PACKAGE |
|-----------|---------------|----------------------------------|---------|
| NGCST6233 | 6418677723155 | White / blue (1, PE, N, A, B, C) | 10/50   |



### 5-pole coupler with strain-relief, plug

The 5-pole plug with strain-relief is used as the cables set plug for 5-pole circuits with 3-pole white and 2-pole blue. The NAC31H2.W and NBC21H1.S -couplers and the strain-relief are included. Delivered in parts. Weight 35,0 g.

| TYPE      | EAN CODE      | DESCRIPTION                 | PACKAGE |
|-----------|---------------|-----------------------------|---------|
| NGCST5132 | 6418677723117 | White/blue (1, PE, N, A, B) | 10/50   |



### 5-pole coupler with strain-relief, socket

The 5-pole socket with strain-relief is used as the cables set socket for 5-pole circuits with 3-pole white and 2-pole blue. The NAC32H2.W and NBC22H1.S -couplers and the strain-relief are included. Delivered in parts. Weight 35,0 g.

| TYPE      | EAN CODE      | DESCRIPTION                   | PACKAGE |
|-----------|---------------|-------------------------------|---------|
| NGCST5232 | 6418677723124 | White / blue (1, PE, N, A, B) | 10/50   |



### 6-pole EnstoNet T-connector with emergency light connection

The 6-pole T-connector is used in connecting the operating voltage, the emergency light voltage and the control signal to the light fitting. The T-connector is fixed to the light fitting with a M20 cable gland and a counter screw. The operating voltage is supplied with three stranded 1,5 mm<sup>2</sup> connecting wires, the emergency light voltage with one stranded 1,5 mm<sup>2</sup> connecting wire and the control signal with two 1,5 mm<sup>2</sup> connecting wires. The length of the connecting wires is 250 mm. The T-connector is supplied assembled and equipped with NAC41H2.W, NAC42H2.W, NBC21H1.S and NBC22H1.S -couplers. From the T-connector the operating voltage, the emergency light voltage and the control signal are continued to the next light fitting with a separate 6-pole cables set. The cables set parts must be ordered separately. Weight 129,0 g.

| TYPE     | EAN CODE      | DESCRIPTION                      | PACKAGE |
|----------|---------------|----------------------------------|---------|
| NGJDM642 | 6418677116308 | White / blue (1, PE, N, 2, A, B) | 10      |



### 6-pole coupler with strain-relief, plug

The 6-pole plug with strain-relief is used as the cables set plug for 6-pole circuits with 4-pole white and 2-pole blue. The NAC41H2.W and NBC21H1.S -couplers and the strain-relief are included. Delivered in parts. Weight 39,0 g.

| TYPE      | EAN CODE      | DESCRIPTION                      | PACKAGE |
|-----------|---------------|----------------------------------|---------|
| NGCST6142 | 6418677723148 | White / blue (1, PE, N, 2, A, B) | 10/50   |



### 6-pole coupler with strain-relief, socket

The 6-pole socket with strain-relief is used as the cables set socket for circuits with 4-pole white and 2-pole blue. The NAC42H2.W and NBC22H1.S -couplers and the strain-relief are included. Delivered in parts. Weight 39,0 g.

| TYPE      | EAN CODE      | DESCRIPTION                      | PACKAGE |
|-----------|---------------|----------------------------------|---------|
| NGCST6242 | 6418677723162 | White / blue (1, PE, N, 2, A, B) | 10/50   |



# EnstoNet Installation Couplers

## 6- and 5-pole T-connectors and combination couplers

### 6-pole panel mounting adapter for screw couplers

The panel mounting adapter is a separate product and delivered without couplers, enabling pre-wiring. The panel mounting adapter is suitable for use with 6-pole plug or socket screw couplers without strain-relief. Weight 9,6 g.

| TYPE  | EAN CODE     | DESCRIPTION | PACKAGE |
|-------|--------------|-------------|---------|
| NK6PW | 641867719523 | White       | 50/100  |



## Printed circuit board couplers

### 2-pole PCB-couplers, socket

PCB-couplers can be mounted on the board in either vertical (V) or horizontal (H) position depending on the type. Pole markings in parentheses.

| TYPE       | EAN CODE      | DESCRIPTION                          | PACKAGE |
|------------|---------------|--------------------------------------|---------|
| NAE22V.W   | 6418677116674 | Vertical, white (1, N)               | 200     |
| NAE22H.W   | 6418677116650 | Horizontal, white (1, N)             | 200     |
| NBE22V.S   | 6418677116872 | Vertical, blue (A, B)                | 200     |
| NBE22VH1.S | 6418677116896 | Vertical, one latch, blue (A, B)     | 200     |
| NBE22H.S   | 6418677116841 | Horizontal, blue (A, B)              | 200     |
| NBE22HH1.S | 6418677116865 | Horizontal, one latch, blue (A, B)   | 200     |
| NCE22V.G   | 6418677701306 | Vertical, grey (a+, b-)              | 200     |
| NCE22H.G   | 6418677701276 | Horizontal, grey (a+, b-)            | 200     |
| NCE22HH1.G | 6418677701290 | Horizontal, one latch, grey (a+, b-) | 200     |



### 3-pole PCB-couplers, plug

PCB-couplers can be mounted on the board in either vertical (V) or horizontal (H) position depending on the type. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION                  | PACKAGE |
|----------|---------------|------------------------------|---------|
| NAE31H.W | 6418677723551 | Horizontal, white (1, PE, N) | 200     |
| NAE31V.W | 6418677723575 | Vertical, white (1, PE, N)   | 200     |
| NBE31H.S | 6418677723599 | Horizontal, blue (A, B, C)   | 200     |
| NBE31V.S | 6418677723612 | Vertical, blue (A, B, C)     | 200     |
| NCE31H.G | 6418677723636 | Horizontal, grey (1, PE, N)  | 200     |
| NCE31V.G | 6418677723650 | Vertical, grey (a+, PE, b-)  | 200     |
| NCE31H.P | 6418677724268 | Horizontal, red (1, PE, N)   | 200     |
| NCE31V.P | 6418677724275 | Vertical, red (1, PE, N)     | 200     |



### 3-pole PCB-couplers, socket

PCB-couplers can be mounted on the board in either vertical (V) or horizontal (H) position depending on the type. Pole markings in parentheses.

| TYPE       | EAN CODE      | DESCRIPTION                              | PACKAGE |
|------------|---------------|------------------------------------------|---------|
| NAE32V.W   | 6418677116711 | Vertical, white (1, PE, N)               | 200     |
| NAE32VH2.W | 6418677116735 | Vertical, one latch, white (1, PE, N)    | 200     |
| NAE32H.W   | 6418677113925 | Horizontal, white (1, PE, N)             | 200     |
| NAE32HH2.W | 6418677116704 | Horizontal, one latch, white (1, PE, N)  | 200     |
| NBE32V.S   | 6418677116933 | Vertical, blue (A, B, C)                 | 200     |
| NBE32VH1.S | 6418677116957 | Vertical, one latch, blue (A, B, C)      | 200     |
| NBE32H.S   | 6418677116902 | Horizontal, blue (A, B, C)               | 200     |
| NBE32HH1.S | 6418677116926 | Horizontal, one latch, blue (A, B, C)    | 200     |
| NCE32V.G   | 6418677701344 | Vertical, grey (a+, PE, b-)              | 200     |
| NCE32VH1.G | 6418677701368 | Vertical, one latch, grey (a+, PE, b-)   | 200     |
| NCE32H.G   | 6418677701313 | Horizontal, grey (a+, PE, b-)            | 200     |
| NCE32HH1.G | 6418677701337 | Horizontal, one latch, grey (a+, PE, b-) | 200     |



### 4-pole PCB-couplers, socket

PCB-couplers can be mounted on the board in either vertical (V) or horizontal (H) position depending on the type. Pole markings in parentheses.

| TYPE       | EAN CODE      | DESCRIPTION                                | PACKAGE |
|------------|---------------|--------------------------------------------|---------|
| NAE42V.W   | 6418677116773 | Vertical, white (1, PE, N, 2)              | 200     |
| NAE42VH2.W | 6418677116797 | Vertical, one latch, white (1, PE, N, 2)   | 200     |
| NAE42H.W   | 6418677116742 | Horizontal, white (1, PE, N, 2)            | 200     |
| NAE42HH2.W | 6418677116766 | Horizontal, one latch, white (1, PE, N, 2) | 200     |



# EnstoNet Installation Couplers

## Printed circuit board couplers

### 5-pole PCB-couplers, plug

PCB-couplers can be mounted on the board in either vertical (V) or horizontal (H) position depending on the type. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION                        | PACKAGE |
|----------|---------------|------------------------------------|---------|
| NAE51V.W | 6418677701016 | Vertical, white (1, 2, PE, N, 3)   | 100     |
| NAE51H.W | 6418677700996 | Horizontal, white (1, 2, PE, N, 3) | 100     |
| NBE51V.S | 6418677701177 | Vertical, blue (A, B, C, D, E)     | 100     |
| NBE51H.S | 6418677701153 | Horizontal, blue (A, B, C, D, E)   | 100     |



### 5-pole PCB-couplers, socket

PCB-couplers can be mounted on the board in either vertical (V) or horizontal (H) position depending on the type. Pole markings in parentheses.

| TYPE     | EAN CODE      | DESCRIPTION                        | PACKAGE |
|----------|---------------|------------------------------------|---------|
| NAE52V.W | 6418677116827 | Vertical, white (1, 2, PE, N, 3)   | 100     |
| NAE52H.W | 6418677116803 | Horizontal, white (1, 2, PE, N, 3) | 100     |
| NBE52V.S | 6418677116988 | Vertical, blue (A, B, C, D, E)     | 100     |
| NBE52H.S | 6418677116964 | Horizontal, blue (A, B, C, D, E)   | 100     |



### 6-pole PCB-couplers, socket

PCB-coupler can be mounted on the board in vertical position. NGE6233V.W consists of two 3-pole socket couplers with mechanical keys as A and B. Coupler is intended to use with 6-pole coupler NGCST6133. Weight 26 g

| TYPE       | EAN CODE      | DESCRIPTION     | PACKAGE |
|------------|---------------|-----------------|---------|
| NGE6233V.W | 6418677709296 | Vertical, white | 250     |



### PCB-coupler support

To be used when it is necessary to support the circuit board at the cover of the device. The support reduces the force on the circuit board, when the other coupler is connected or disconnected. The support is fixed to the fixing holes of the 3-5-pole couplers. Weight 0,3 g.

| TYPE   | EAN CODE      | DESCRIPTION | PACKAGE  |
|--------|---------------|-------------|----------|
| NKTE.W | 6418677708268 | White       | 100/1000 |



# Technical specifications

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Voltage                           | 250 V~, 250/400 V~<br>Ignition impulse test 4.5 kV / 250 V and 6 kV/ 400 V AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Maximum current                           | 20 A , prefabricated leads 16 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Connector cross-sections                  | Screw connectors: 0.75 – 4.0 mm <sup>2</sup> , flexible, stranded and solid wires<br>Screwless connectors: 0.5 – 2.5 mm <sup>2</sup> , stranded and solid wires                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Number of poles                           | 2 – 5-pole and 6-pole combination couplers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Standards                                 | IEC 61535 and IEC/EN 60998<br>Linect products additionally: EN 60598:1, EN 61984                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Approvals                                 | All product groups: SGS FIMKO<br>In addition for some products: UL, Lloyd's, DNV, GOST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| IP classification                         | IP 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Materials                                 | Body of couplers and distribution blocks: Polyamide 6.6<br>Self-extinguishment according to UL94: V2<br>Tracking index CTIM: 600 V (KB)<br>Halogen-free<br>Cadmium-free<br>Recyclable<br>Terminals: Silver-plated brass<br>Terminal screws: Zinc-coated yellow passive steel screws, rounded end<br>Strain-relief screws: Zinc-coated blue passive steel screws, screw head PZ1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Allowed pull-out force for safety latches | Min. 80 N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cables                                    | PVC = H05VV-F<br>HF = S05Z1Z1-F (halogen-free)<br>W = S05Z1A7Z1-F (halogen-free, shielded)<br>CL = control cable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Minimum installation temperature          | +5 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Minimum operating temperature             | -30 °C (without mechanical stress)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Maximum operating temperature             | +70 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Coding                                    | Mechanically and/or colour coded couplers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| General                                   | <p>In accordance with standard IEC/EN 61535, EnstoNet installation couplers are not compatible with any other installation coupler series. The EnstoNet installation couplers are not compatible with domestic socket-outlet and plug systems, also not compatible with couplers in accordance with standards IEC 60309, IEC 60320 and IEC 60906.</p> <p>When dimensioning a network make sure that the nominal values of the installation couplers are not exceeded in different network load situations.</p> <p>When installing, mating or unmating EnstoNet couplers make sure no load is applied.</p> <p>The correctness of every connected wire, cable and electrical device has to be checked electrically. Foreign objects must not be inserted into the contact parts of EnstoNet couplers.</p> <p>EnstoNet couplers are not intended for replacing domestic socket and plug connection systems.</p> <p>Make sure that a pulling force of over 80 N is not applied to couplers and cables at any time during installation or use. If excess strain is unavoidable, fix the cable.</p> <p>The use and testing of EnstoNet couplers must comply with the national installation regulations.</p> |

# Connection diagrams

|                                                                                                                                                                                                               |                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div> <div> <div>NAC 31S.W</div> <div>OUT</div> </div> <div> <div>NAC 31S.W</div> <div>OUT</div> </div> </div> <div>IN</div>                                                                                  | <div> <div> <div>NAC 32S.W /<br/>NAC 32S.B</div> <div>I</div> <div>N</div> </div> <div> <div>NAC 31S.W /<br/>NAC 31S.B</div> <div>OUT</div> </div> </div> <div>OUT</div> <div>NAC 31S.W /<br/>NAC 31S.B</div> |
| <div> <div> <div>NAC 32S.W /<br/>NAC 32S.B</div> <div>I</div> <div>N</div> </div> <div> <div>NAC 31S.W /<br/>NAC 31S.B</div> <div>OUT</div> </div> </div> <div>OUT</div> <div>NAC 31S.W /<br/>NAC 31S.B</div> | <div> <div> <div>NAC 51S.W</div> <div>OUT</div> </div> <div> <div>NAC 51S.W</div> <div>OUT</div> </div> </div> <div>IN</div>                                                                                  |
| <div> <div> <div>NAC 52S.W /<br/>NAC 52S.B</div> <div>I</div> <div>N</div> </div> <div> <div>NAC 51S.W /<br/>NAC 51S.B</div> <div>OUT</div> </div> </div> <div>OUT</div> <div>NAC 31S.W /<br/>NAC 31S.B</div> | <div> <div> <div>NAC 52S.W /<br/>NAC 52S.B</div> <div>I</div> <div>N</div> </div> <div> <div>NAC 51S.W /<br/>NAC 51S.B</div> <div>OUT</div> </div> </div> <div>OUT</div> <div>NAC 31S.W /<br/>NAC 31S.B</div> |
| <div> <div> <div>NAC 31S.W</div> <div>OUT</div> </div> <div> <div>NAC 32S.W</div> <div>I</div> <div>N</div> </div> </div> <div>OUT</div> <div>NAC 31S.B</div>                                                 | <div> <div> <div>NAC 31S.W</div> <div>OUT</div> </div> <div> <div>NAC 52S.W</div> <div>I</div> <div>N</div> </div> </div> <div>OUT</div> <div>NAC 31S.B</div>                                                 |

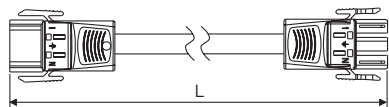
# Connection diagrams

|                  |                  |
|------------------|------------------|
| <p>NGJKM335</p>  | <p>NGJKM346</p>  |
| <p>NGJKM351</p>  | <p>NGJKM571</p>  |
| <p>NGJKM572</p>  | <p>NGJKM573</p>  |
| <p>NGJKMF345</p> | <p>NGJKMF561</p> |

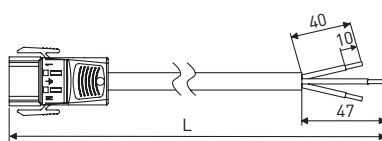
# Connection diagrams

|                                                                                                             |                                                                                                        |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <div data-bbox="165 315 707 689"> </div> <div data-bbox="98 714 247 741"> <p>NGJKML335</p> </div>           | <div data-bbox="895 293 1422 689"> </div> <div data-bbox="820 714 968 741"> <p>NGJKMV535</p> </div>    |
| <div data-bbox="106 810 767 1137"> </div> <div data-bbox="98 1220 347 1247"> <p>NGJRM31, NGJRM32</p> </div> | <div data-bbox="884 777 1433 1182"> </div> <div data-bbox="820 1220 952 1247"> <p>NGJRM552</p> </div>  |
| <div data-bbox="204 1310 659 1778"> </div> <div data-bbox="98 1821 231 1848"> <p>NGJDM642</p> </div>        | <div data-bbox="938 1310 1393 1778"> </div> <div data-bbox="820 1821 952 1848"> <p>NGJDM633</p> </div> |

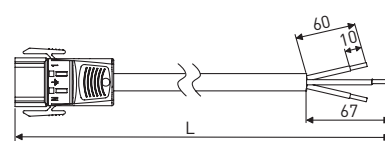
# Dimension drawings



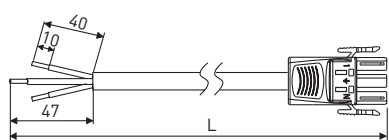
**NAL330...**



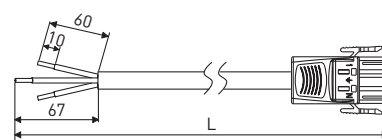
**NAL310M15...  
NAL310T15...**



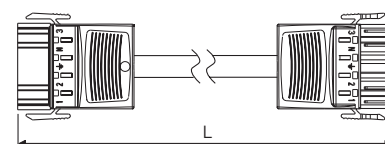
**NAL310M25...  
NAL310T25...**



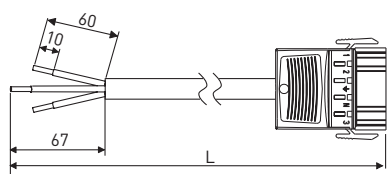
**NAL130M15...  
NAL130T15...**



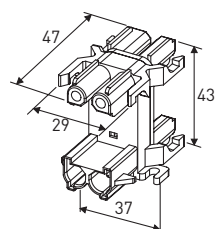
**NAL130M25...  
NAL130T25...**



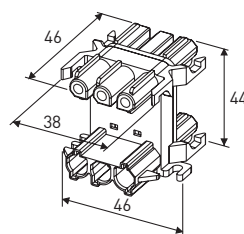
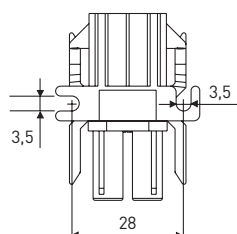
**NAL550...**



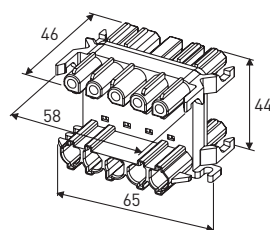
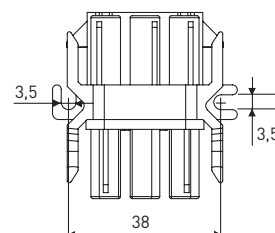
**NAL511...  
NAL512...  
NAL513...**



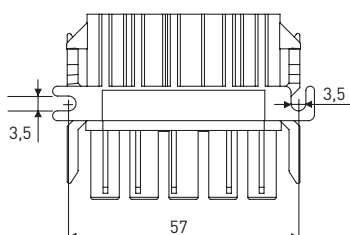
**NAD2.W, NAD2.B, NBD2.S, NCD2.G**



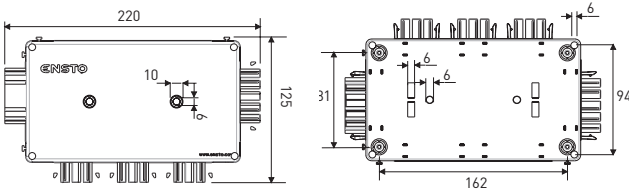
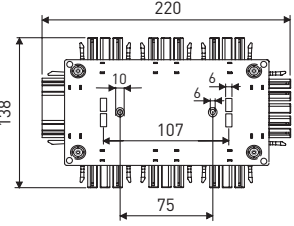
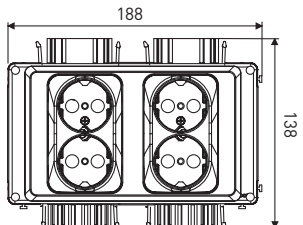
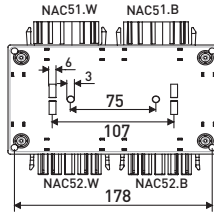
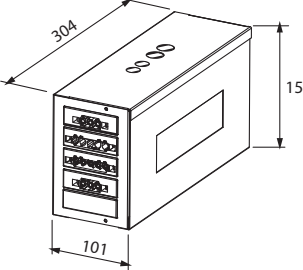
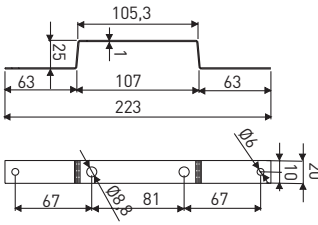
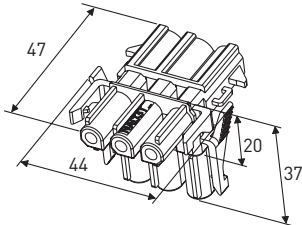
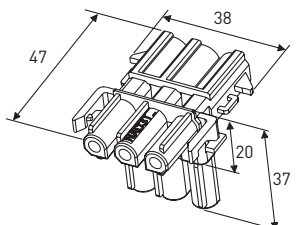
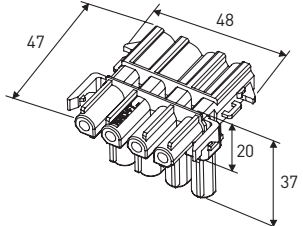
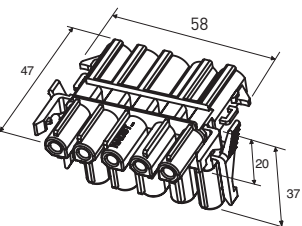
**NAD3.W, NAD3.B, NBD3.S, NCD3.G, NCD3.P**



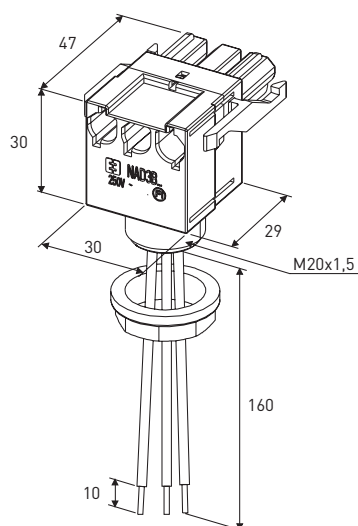
**NAD5.W, NAD5.B, NBD5.S, NCD5.G, NCD5.P**



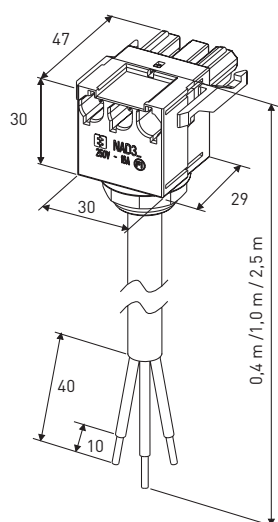
# Dimension drawings

|                                                                                                                                                |                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>NAJDM53, NAJDM53.B</b><br/>Height of the box 31 mm</p> |  <p><b>NAJDM36, NAJDM56, NAJDM56X, NAJDM56.B, NAJDM56.WB, NGJKM571, NGJKM572, NGJKM573, NGJKM335, NGJKM351, NGJKMF345, NGJKMF561, NGJKMV535</b><br/>Box height 31 mm</p> |
|  <p><b>NAP505, NAP300</b></p>                                 |  <p><b>NAP505, NAP300 backside</b></p>                                                                                                                                   |
|  <p><b>NGUF540.WB</b></p>                                    |  <p><b>NKJ-MB</b></p>                                                                                                                                                  |
|  <p><b>NAD3T.W , NAD3T.B, NBD3T.S, NCD3T.G, NCD3T.P</b></p> |  <p><b>NAD3TH3.W , NAD3TH3.B, NCD3TH3.G, NCD3TH3.P</b></p>                                                                                                              |
|  <p><b>NAD4T.W</b></p>                                      |  <p><b>NAD5T.W, NAD5T.B, NCD5T.G, NCD5T.P</b></p>                                                                                                                      |

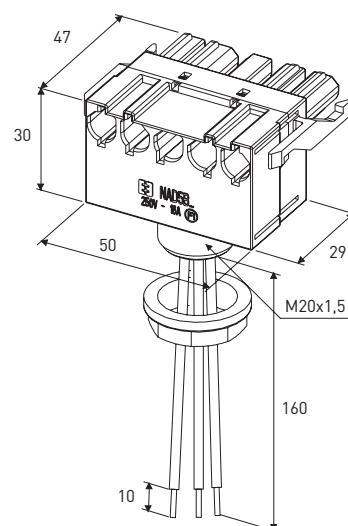
# Dimension drawings



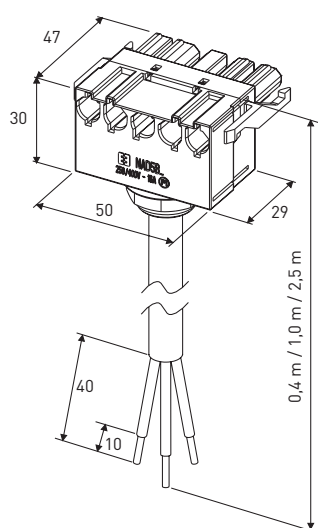
**NAD3B.W, NAD3B.B, NBD3B.S  
NCD3B.G, NCD3B.P**



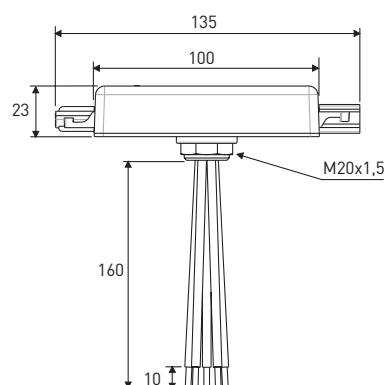
**NAD3BS.WT004, NAD3BS.WT010,  
NAD3BS.WT025**



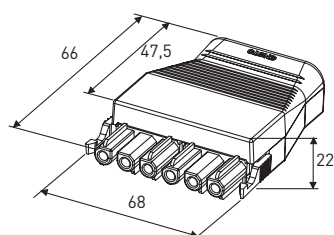
**NAD5B.W, NBD5B.S, NCD5B.G,  
NAD5B.W-L1, NAD5B.W-L2,  
NAD5B.W-L3, NBD5B.S-L1,  
NBD5B.S-L2, NBD5B.S-L3**



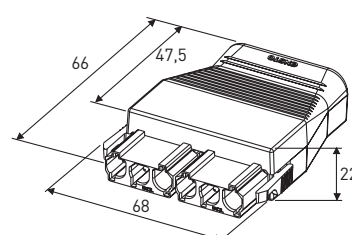
**NAD5BS.WT004, NAD5BS.WT010, NAD5BS.WT025,  
NAD5BS.WT004-L1, NAD5BS.WT004-L2, NAD5BS.  
WT004-L3, NAD5BS.WT025-L1, NAD5BS.WT025-L2,  
NAD5BS.WT025-L3, NAD5BS.BT025-L1, NAD5BS.  
BT0,25-L2, NAD5BS.BT-L3, NBD5BS.ST004,  
NCD5BS.GT005**



**NGJDM633M, NGJDM633S (cable), NGJDM633SM (cable)  
NGJDM633, NGJDM642,  
Width 80 mm**

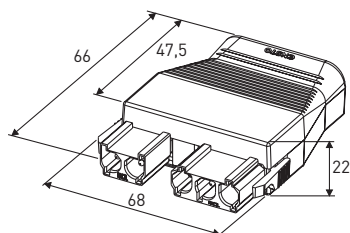


**NGCST6133**

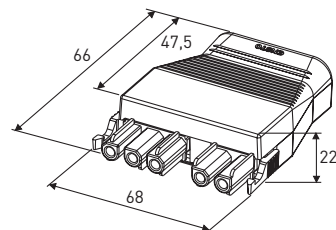


**NGCST6233**

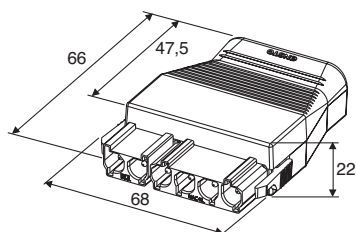
# Dimension drawings



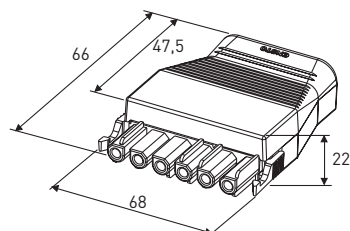
**NGCST5132**



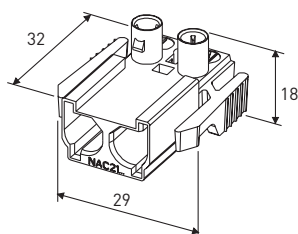
**NGCST5232**



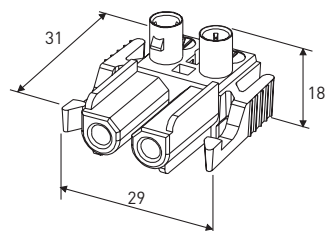
**NGCST6142**



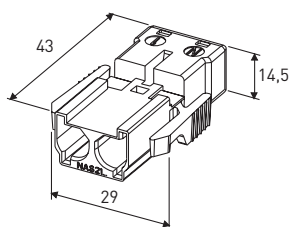
**NGCST6242**



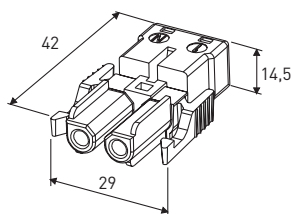
**NAC21.W, NAC21.B, NBC21.S, NCC21.G**



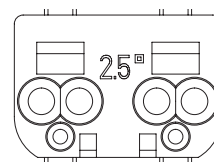
**NAC22.W, NAC22.B, NBC22.S, NCC22.G**



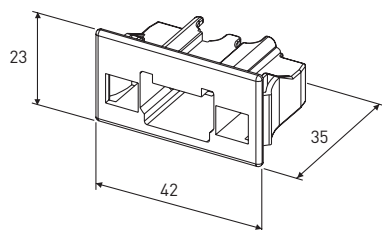
**NAS21.W, NAS21.B,  
NBS21.S, NCS21.G**



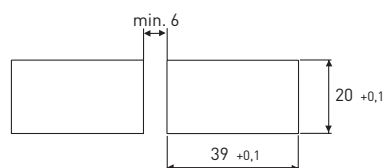
**NAS22.W, NAS22.B,  
NBS22.S, NCS22.G**



**Wire entries of 2-pole  
connectors**

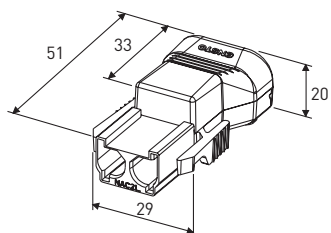


**NK2P.W, NK2P.B, NK2P.G, NK2P.K, NK2P.P, NK2P.S, NK2P.V**

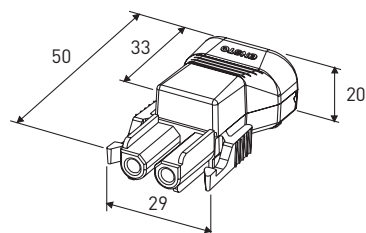


The dimensions of the mounting hole of the panel mounting adapters are shown in the figure. Make sure that the dimensions are accurate after the plate has been painted. Plate thickness 0.5–1.5 mm.

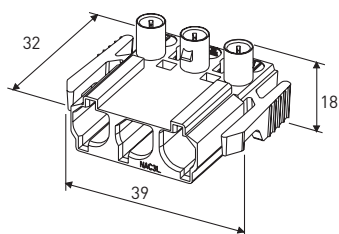
# Dimension drawings



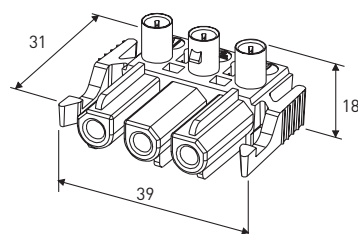
**NAC21S.W, NAC21S.B, NBC21S.S**  
**NCC21S.G, NAC21SL.W, NCC21SL.G, NAC21SL.B**



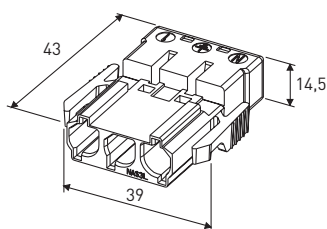
**NAC22S.W, NAC22S.B, NBC22S.S**  
**NCC22S.G, NAC22SL.W, NCC22SL.G, NAC22SL.B**



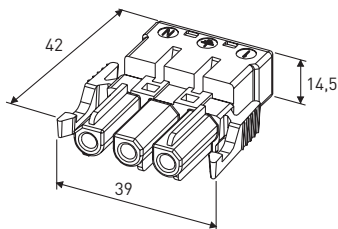
**NAC31.W, NAC31.B, NBC31.S**  
**NBC31.F, NCC31.G, NCC31.P**



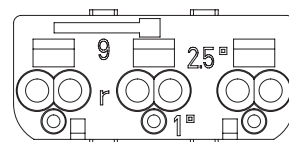
**NAC32.W, NAC32.B, NBC32.S**  
**NBC32.F, NCC32.G, NCC32.P**



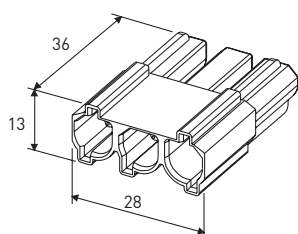
**NAS31.W, NAS31.B, NBS31.S,**  
**NBS31.F, NCS31.G, NCS31.P**



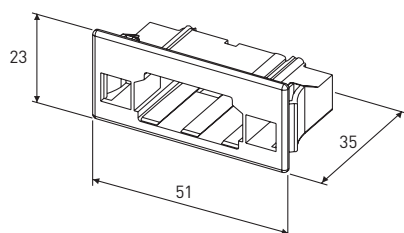
**NAS32.W, NAS32.B, NBS32.S**  
**NBS32.F, NCS32.G, NCS32.P**



**Wire entries of 3-pole connectors**

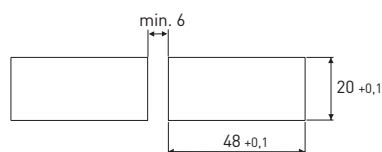


**NAK3A.W**

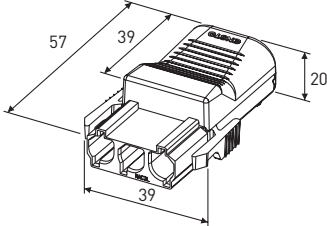
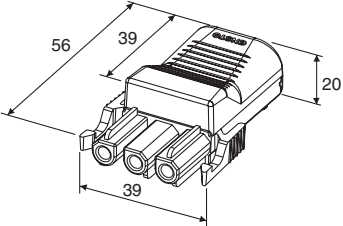
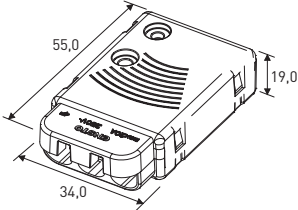
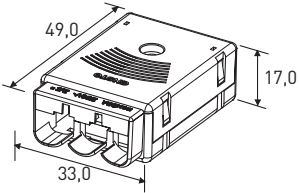
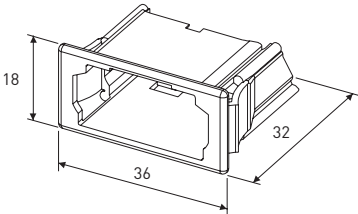
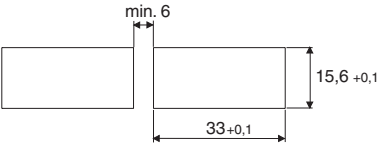
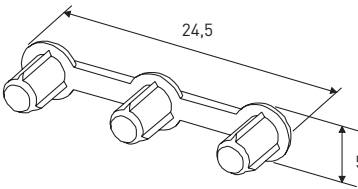
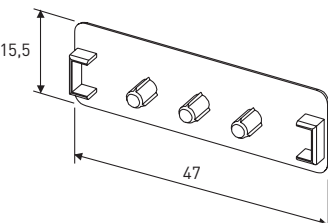
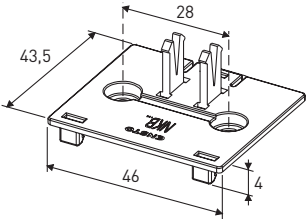


**NK3P.W, NK3P.B**

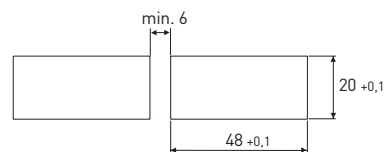
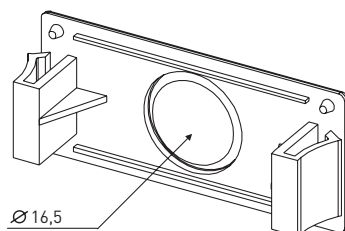
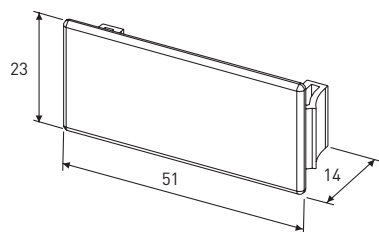
The dimensions of the mounting hole of the panel mounting adapters are shown in the figure. Make sure that the dimensions are accurate after the plate has been painted. Plate thickness 0.5–1.5 mm.



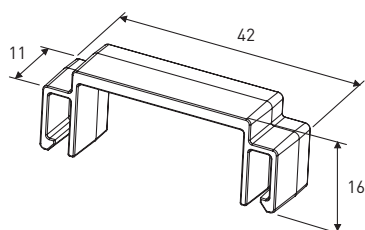
# Dimension drawings

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>NAC31S.W, NAC31S.B, NBC31S.S, NBC31S.F</b><br/><b>NCC31S.G, NCC31S.P, NAC31SL.W</b></p>                                                                                                                                                                                                                                                                                  |  <p><b>NAC32S.W, NAC32S.B, NBC32S.S, NBC32S.F</b><br/><b>NCC32S.G, NCC32S.P, NAC32SL.W</b></p> |
|  <p><b>NS3M.W, NS3M.P</b></p>                                                                                                                                                                                                                                                                                                                                                   |  <p><b>NS3D.W, NS3DL.W</b></p>                                                                |
|   <p><b>NK3PF.W, NK3PF.B, NK3PF.G, NK3PF.K, NK3PF.P, NK3PF.S, NK3PF.V</b></p> <p>The dimensions of the mounting hole of the panel mounting adapters are shown in the figure. Make sure that the dimensions are accurate after the plate has been painted. Plate thickness 0.5–1.5 mm.</p> |                                                                                                                                                                                  |
|  <p><b>NK3C.W</b></p>                                                                                                                                                                                                                                                                                                                                                         |  <p><b>NK3CP.W, NK3CP.B</b></p>                                                             |
|  <p><b>NKB.W, NKB.B</b></p>                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                  |

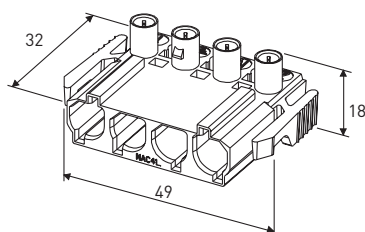
# Dimension drawings



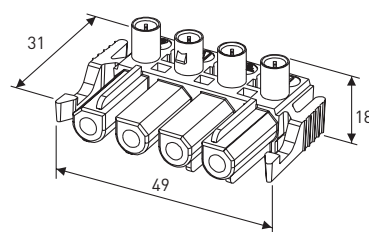
**NK3PB.W**



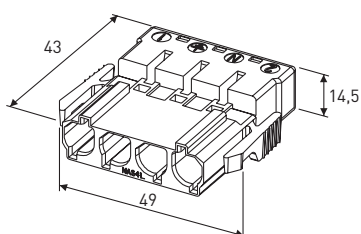
**NK3FH.W**



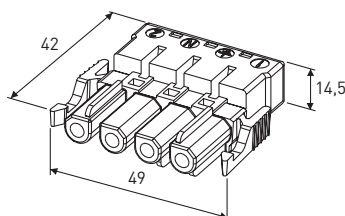
**NAC41.W, NAC41.B**



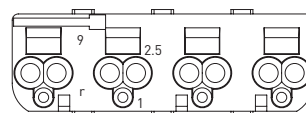
**NAC42.W, NAC42.B**



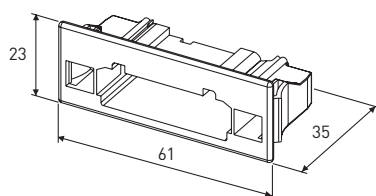
**NAS41.W, NAS41.B**



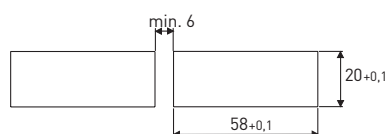
**NAS42.W, NAS42.B**



**Wire entries of 4-pole connectors**

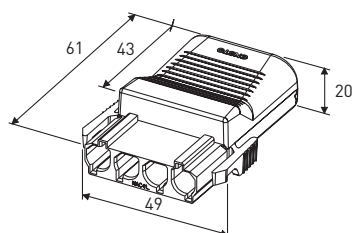


**NK4P.W, NK4P.B, NK4P.K, NK4P.P, NK4P.S, NK4P.V**

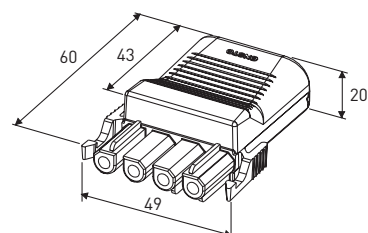


The dimensions of the mounting hole of the panel mounting adapters are shown in the figure. Make sure that the dimensions are accurate after the plate has been painted. Plate thickness 0.5–1.5 mm.

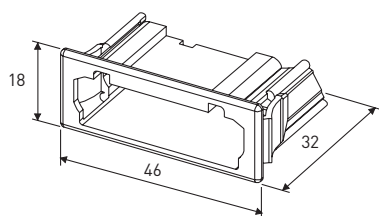
# Dimension drawings



**NAC41S.W, NAC41S.S, NAC41SL.W**

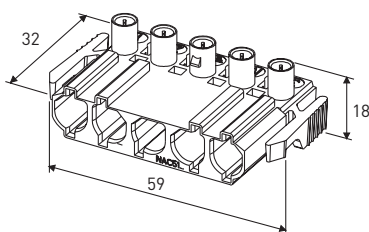
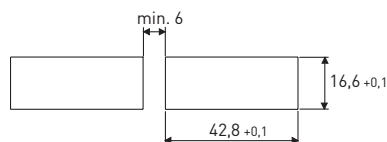


**NAC42S.W, NAC42S.B, NAC42SL.W**

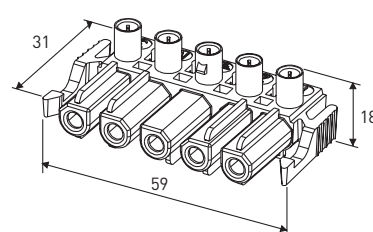


**NK4PF.W, NK4PF.B, NK4PF.K, NK4PF.P**

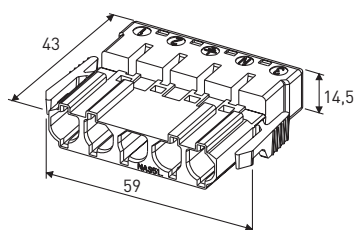
The dimensions of the mounting hole of the panel mounting adapters are shown in the figure. Make sure that the dimensions are accurate after the plate has been painted. Plate thickness 0.5–1.5 mm.



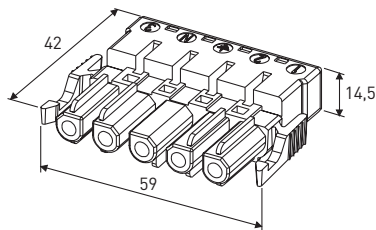
**NAC51.W, NAC51.B, NBC51.S  
NBC51.F, NCC51.G, NCC51.P**



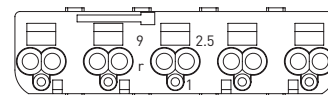
**NAC52.W, NAC52.B, NBC52.S  
NBC52.F, NCC52.G, NCC52.P**



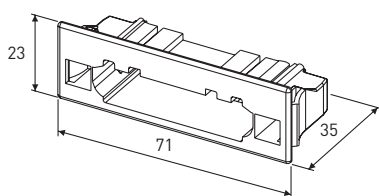
**NAS51.W, NAS51.B, NBS51.S,  
NCS51.G, NCS51.P**



**NAS52.W, NAS52.B, NBS52.S  
NCS52.G, NCS52.P**

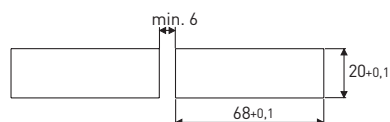


**Wire entries of 5-pole  
connectors**

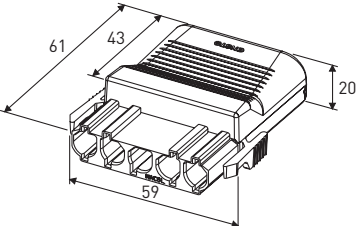
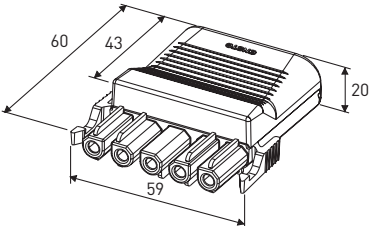
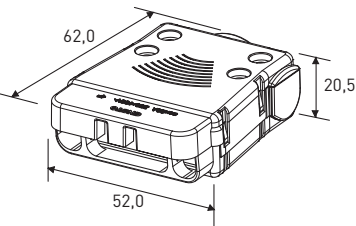
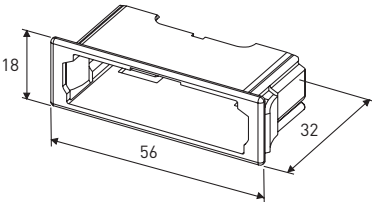
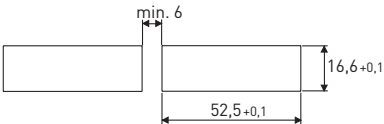
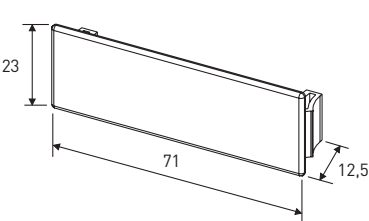
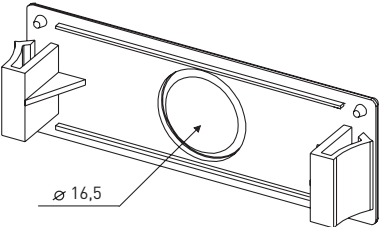
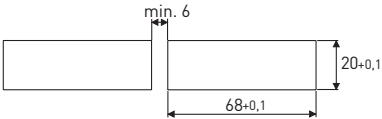
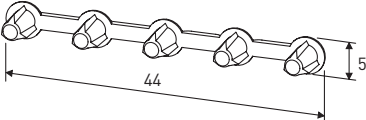
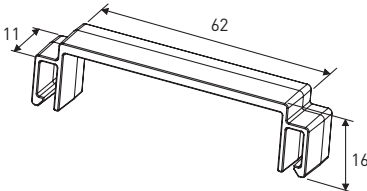


**NK5P.W, NK5P.B, NK5P.G, NK5P.K, NK5P.P, NK5P.S, NK5P.V**

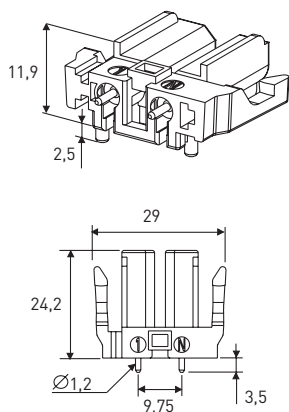
The dimensions of the mounting hole of the panel mounting adapters are shown in the figure. Make sure that the dimensions are accurate after the plate has been painted. Plate thickness 0.5–1.5 mm.



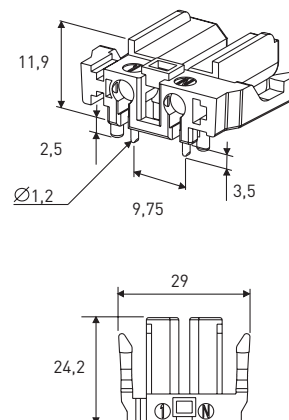
# Dimension drawings

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>NAC51S.W, NAC51S.B, NBC51S.S, NBC51S.F, NCC51S.G, NCC51S.P, NAC51SL.W, NAC51SL.B, NCC51SL.G, NAC51S.WX2</b></p>                                                                                                                                                                                                                                                                                                                                        |  <p><b>NAC52S.W, NAC52S.B, NBC52S.S, NBC52S.F, NCC52S.G, NCC52S.P, NAC52SL.W, NAC52SL.B, NCC52SL.G, NAC52S.WX2</b></p> |
|  <p><b>NS5M.W, NS5M.P</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                          |
| <div data-bbox="276 1046 649 1247">  </div> <div data-bbox="938 1115 1323 1238">  </div> <p><b>NK5PF.W, NK5PF.B, NK5PF.K, NK5PF.P, NK5PF.S, NK5PF.V</b></p> <p>The dimensions of the mounting hole of the panel mounting adapters are shown in the figure. Make sure that the dimensions are accurate after the plate has been painted. Plate thickness 0.5–1.5 mm.</p> |                                                                                                                                                                                                          |
| <div data-bbox="111 1435 481 1655">  </div> <div data-bbox="542 1440 922 1666">  </div> <div data-bbox="997 1512 1380 1630">  </div> <p><b>NK5PB.W</b></p>                                                                                                                           |                                                                                                                                                                                                          |
|  <p><b>NK5C.W</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                       |  <p><b>NK5FH.W</b></p>                                                                                               |

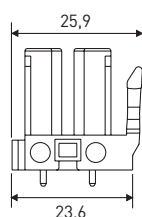
# Dimension drawings



**NAE22V.W, NBE22V.S, NCE22V.G**

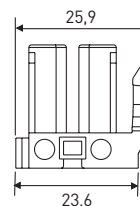


**NAE22H.W, NBE22H.S, NCE22H.G**



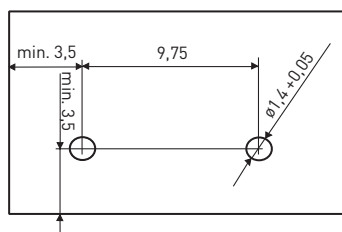
**NBE22VH1.S**

Other dimensions identical to the respective versions equipped with both safety latches.

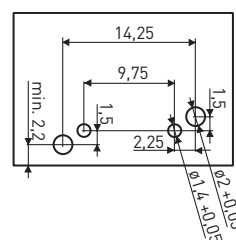


**NBE22HH1.S, NCE22HH1.G**

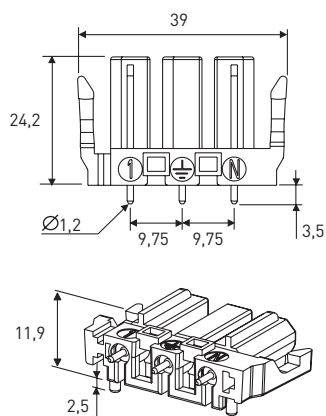
Other dimensions identical to the respective versions equipped with both safety latches.



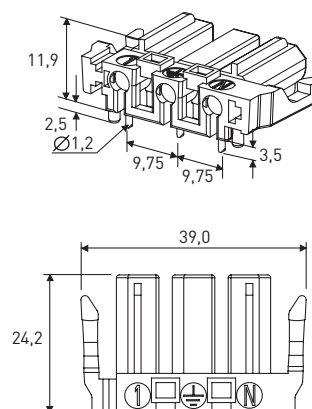
**NAE22V.W, NBE22V.S, NBE22VH1.S, NCE22V.G**



**NAE22H.W, NBE22H.S, NBE22HH1.S, NCE22H.G, NCE22HH1.G**

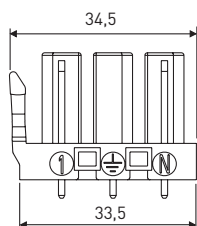


**NAE32V.W, NBE32V.S, NCE32V.G**



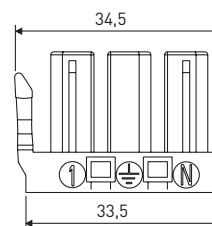
**NAE32H.W, NBE32H.S, NCE32H.G**

# Dimension drawings



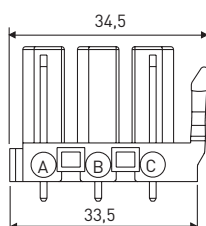
## NAE32VH2.W

Other dimensions identical to the respective versions equipped with both safety latches.



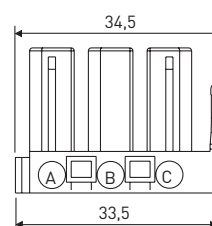
## NAE32HH2.W

Other dimensions identical to the respective versions equipped with both safety latches.



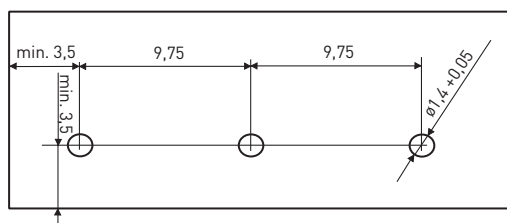
## NBE32VH1.S, NCE32VH1.G

Other dimensions identical to the respective versions equipped with both safety latches.

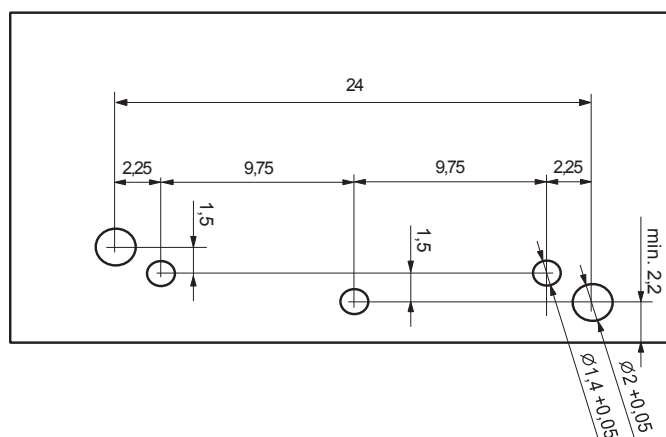


## NBE32HH1.S, NCE32HH1.G

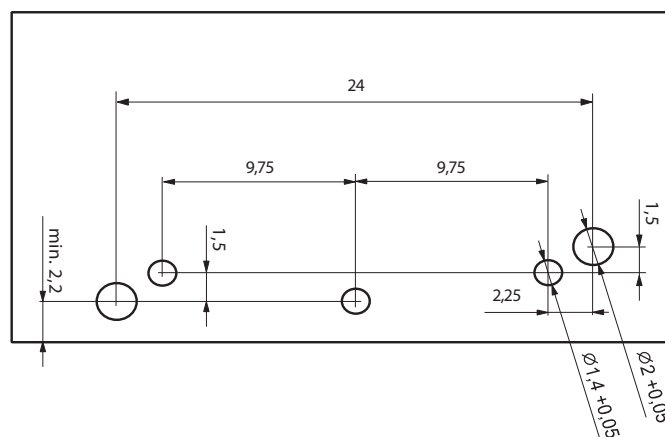
Other dimensions identical to the respective versions equipped with both safety latches.



## NAE32V.W, NAE32VH2.W, NBE32V.S, NBE32VH1.S, NCE32V.G, NCE32VH1.G

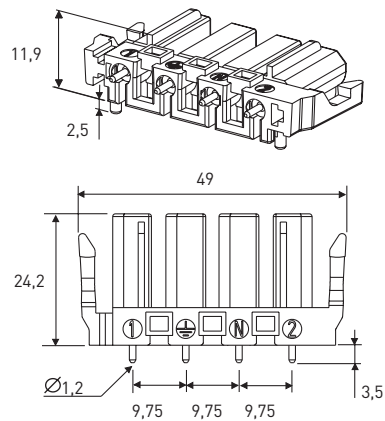


## NAE31H.W, NBE31H.S, NCE31H.G, NCE31H.P

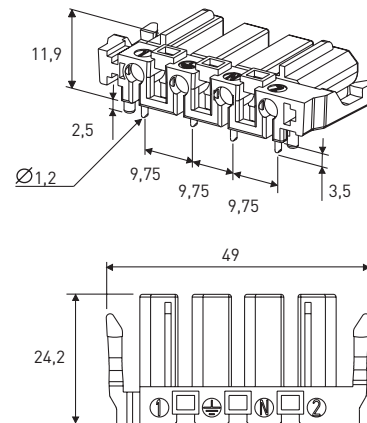


## NAE32H.W, NAE32HH2.W, NBE32H.S, NBE32HH1.S, NCE32H.G, NCE32HH1.G

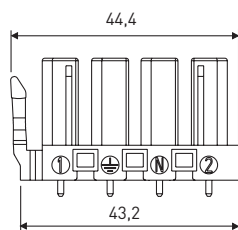
# Dimension drawings



**NAE42V.W**

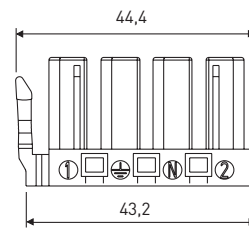


**NAE42H.W**



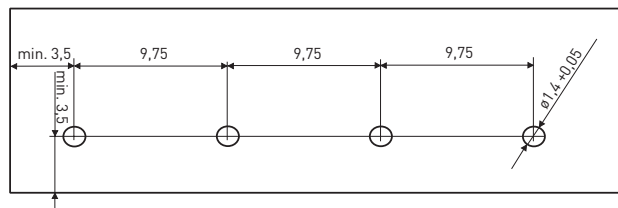
**NAE42VH2.W**

Other dimensions identical to the respective versions equipped with both safety latches.

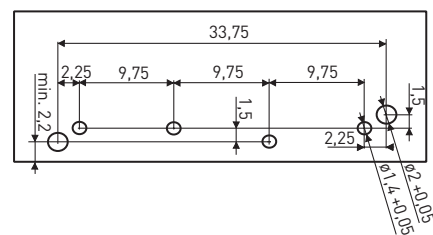


**NAE42HH2.W**

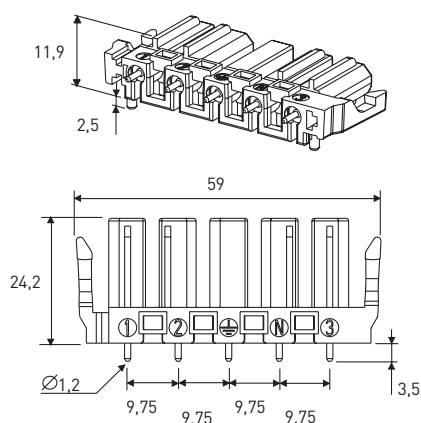
Other dimensions identical to the respective versions equipped with both safety latches.



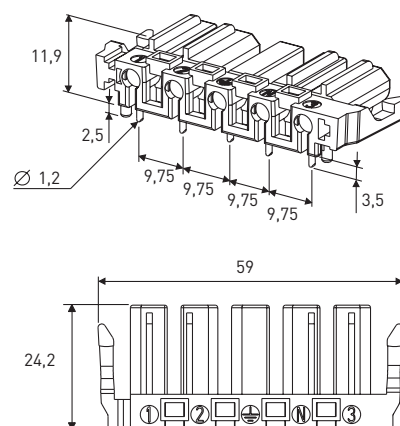
**NAE42V.W, NAE42VH2.W**



**NAE42H.W, NAE42HH2.W**

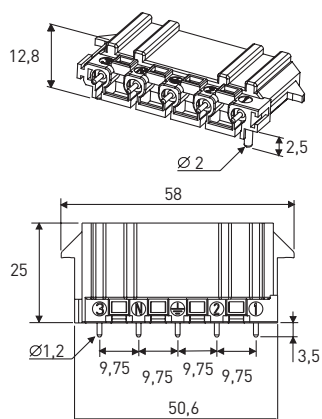


**NAE52V.W, NBE52V.S**

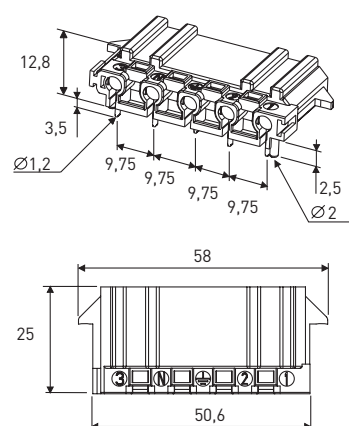


**NAE52H.W, NBE52H.S**

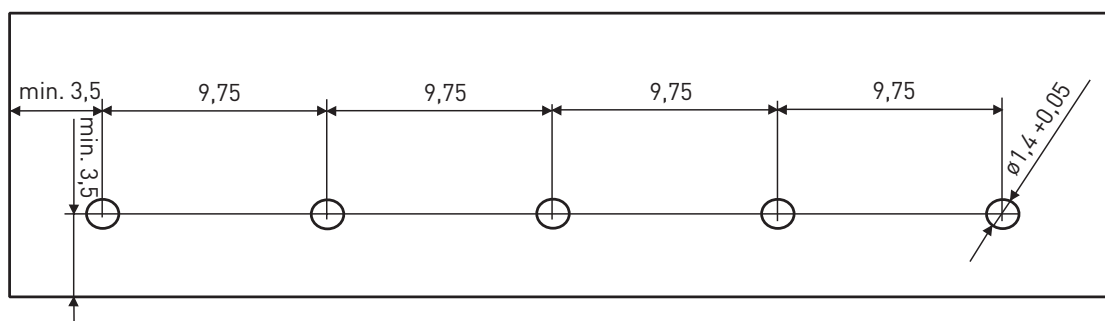
# Dimension drawings



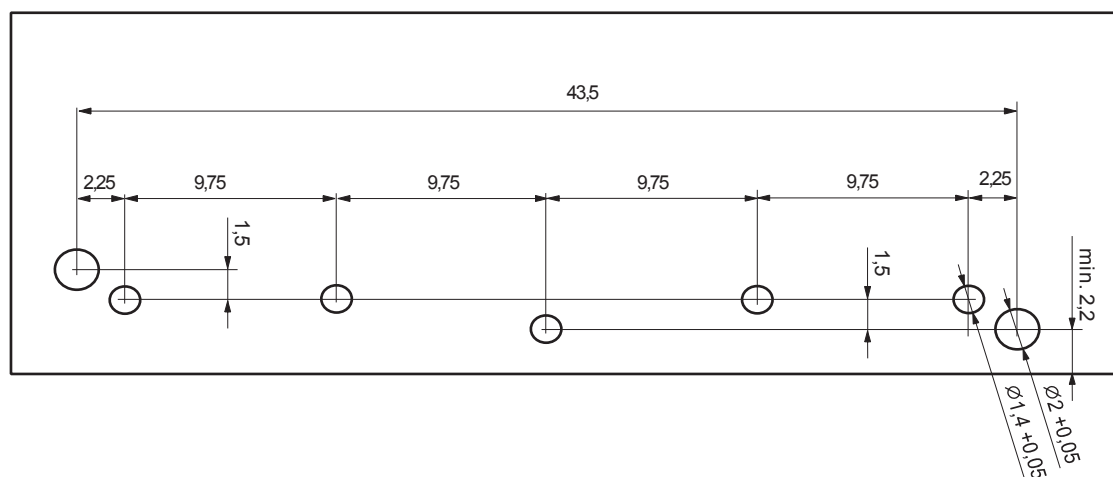
**NAE51V.W, NBE51V.S**



**NAE51H.W, NBE51H.S**

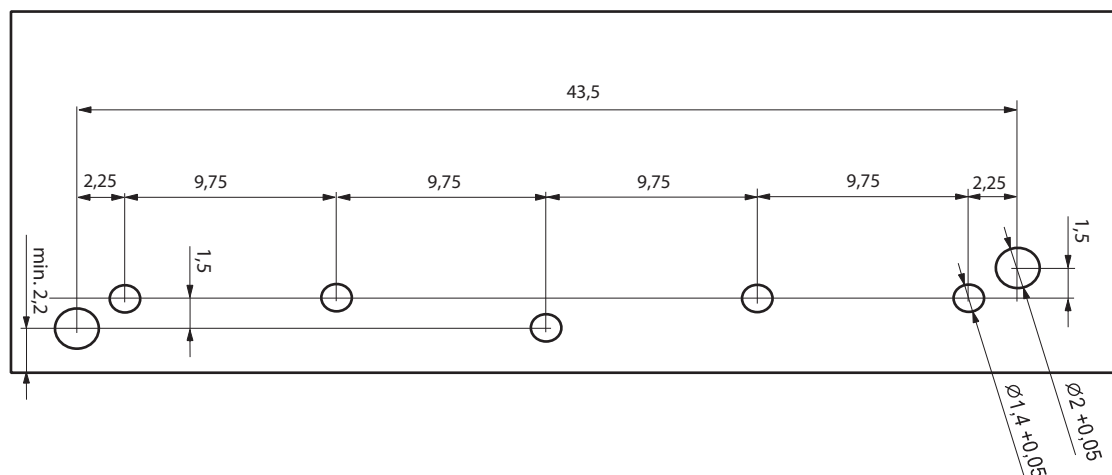


**NAE52V.W, NBE52V.S**

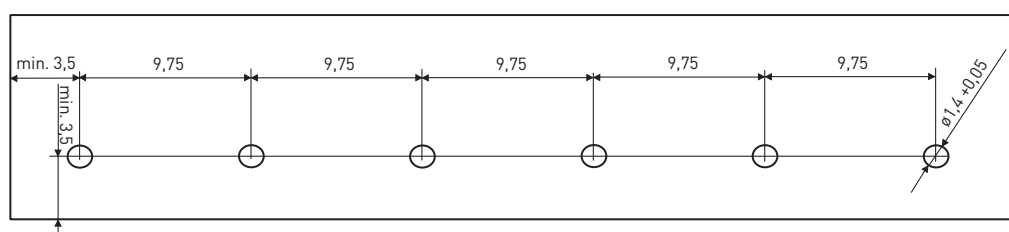


**NAE51H.W, NBE51H.S**

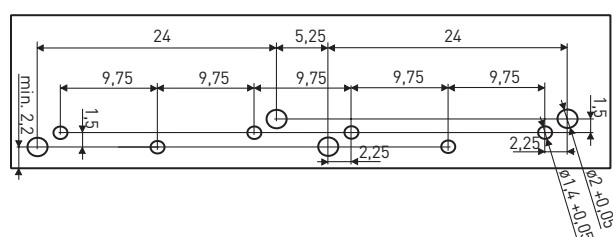
# Dimension drawings



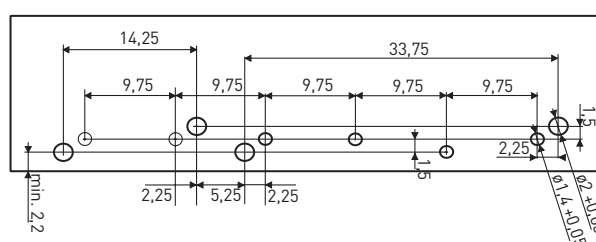
NAE52H.W, NBE52H.S



NGE6233V.W



NAE22HH2.W, NBE32HH1.S, NCE32HH1.G



NAE32VH2.W, NBE32VH1.S, NCE32VH1.G

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| NAC22S.B     | 52      | NAD5BS.WT004-L2 | 32      | NAL130T25050  | 39      | NAL310M25020  | 36      | NAL330T15040B | 41      | NAL510W25010  | 48      |
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| NAC31.B      | 53      | NAD5BS.WT010-L2 | 32      | NAL130T25080B | 42      | NAL310M25060  | 36      | NAL330T15080  | 38      | NAL510W25050  | 48      |
| NAC31.W      | 53      | NAD5BS.WT010-L3 | 32      | NAL130W15020  | 47      | NAL310M25070  | 36      | NAL330T15080B | 41      | NAL510W25060  | 48      |
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| NAC31H.W     | 55      | NAD5BS.WT025-L1 | 32      | NAL130W15040  | 47      | NAL310M25100  | 36      | NAL330T25010B | 42      | NAL511M15020  | 37      |
| NAC31S.B     | 54      | NAD5BS.WT025-L2 | 32      | NAL130W15050  | 47      | NAL310T15010  | 39      | NAL330T25020  | 39      | NAL511M15025  | 37      |
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| 6418677709692 | 42      | 6418677717383 | 36      | 6418677720109 | 40      | 6418677722042  | 38      |               |         |
| 6418677709715 | 43      | 6418677717390 | 23      | 6418677720116 | 40      | 6418677722059  | 38      |               |         |
| 6418677709722 | 43      | 6418677717406 | 36      | 6418677720123 | 40      | 6418677722066  | 49      |               |         |
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| 6418677709746 | 43      | 6418677717451 | 19      | 6418677720161 | 41      | 6418677722080  | 49      |               |         |
| 6418677709753 | 43      | 6418677717697 | 24      | 6418677720178 | 42      | 6418677722097  | 49      |               |         |
| 6418677709760 | 43      | 6418677717802 | 48      | 6418677720185 | 37      | 6418677722103  | 49      |               |         |
| 6418677709777 | 43      | 6418677717819 | 48      | 6418677720192 | 37      | 6418677722110  | 49      |               |         |
| 6418677709784 | 43      | 6418677717857 | 48      | 6418677720208 | 37      | 6418677722127  | 49      |               |         |
| 6418677709791 | 43      | 6418677717888 | 37      | 6418677720215 | 46      | 6418677722134  | 49      |               |         |
| 6418677709807 | 43      | 6418677718045 | 36      | 6418677720222 | 47      | 6418677722196  | 36      |               |         |
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| 6418677709821 | 43      | 6418677718069 | 37      | 6418677720253 | 47      | 6418677722219  | 39      |               |         |
| 6418677709838 | 43      | 6418677718076 | 37      | 6418677720260 | 47      | 6418677722226  | 39      |               |         |
| 6418677709845 | 43      | 6418677718083 | 37      | 6418677720277 | 47      | 6418677722233  | 45      |               |         |
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| 6418677709869 | 43      | 6418677718113 | 37      | 6418677720291 | 47      | 6418677722257  | 45      |               |         |
| 6418677709876 | 32      | 6418677718120 | 37      | 6418677720307 | 47      | 6418677722264  | 45      |               |         |
| 6418677709883 | 32      | 6418677718137 | 38      | 6418677720314 | 48      | 6418677722271  | 45      |               |         |
| 6418677709890 | 32      | 6418677718144 | 38      | 6418677720321 | 48      | 6418677722288  | 45      |               |         |
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| 6418677710247 | 45      | 6418677718175 | 38      | 6418677720345 | 48      | 6418677722301  | 45      |               |         |
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| 6418677710278 | 46      | 6418677718212 | 39      | 6418677720376 | 48      | 6418677722332  | 45      |               |         |
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| 6418677710308 | 54      | 6418677718243 | 39      | 6418677720406 | 48      | 6418677722363  | 42      |               |         |
| 6418677710315 | 60      | 6418677718274 | 40      | 6418677720413 | 48      | 6418677722370  | 42      |               |         |
| 6418677710322 | 60      | 6418677718281 | 40      | 6418677720642 | 32      | 6418677722387  | 46      |               |         |
| 6418677710339 | 54      | 6418677718298 | 40      | 6418677721236 | 23      | 6418677722394  | 46      |               |         |
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| 6418677710353 | 60      | 6418677718328 | 41      | 6418677721298 | 38      | 6418677722317  | 63      |               |         |
| 6418677710360 | 60      | 6418677718335 | 41      | 6418677721304 | 43      | 64186777223124 | 63      |               |         |
| 6418677710377 | 54      | 6418677718359 | 41      | 6418677721311 | 37      | 64186777223131 | 62      |               |         |
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| 6418677711077 | 39      | 6418677718649 | 47      | 6418677721472 | 37      | 6418677724169  | 27      |               |         |
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| 6418677711428 | 36      | 6418677718663 | 47      | 6418677721496 | 38      | 6418677724183  | 28      |               |         |
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| 6418677711473 | 43      | 6418677718694 | 47      | 6418677721533 | 40      | 6418677724213  | 59      |               |         |
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| 6418677711527 | 46      | 6418677718731 | 47      | 6418677721571 | 41      | 6418677724251  | 59      |               |         |
| 6418677711534 | 46      | 6418677718748 | 47      | 6418677721588 | 37      | 6418677724268  | 64      |               |         |
| 6418677711541 | 46      | 6418677718755 | 47      | 6418677721595 | 37      | 6418677724275  | 64      |               |         |



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