KV Small distribution boards up to 63 A with doors

3 - 54 modules, IP 54-65

Protection class: II

- With new FIXCONNECT® technology for PE/N
- Halogen-free, silicone-free
- With original user-friendly Hensel design
- Empty enclosures and KV extra circuit breaker boxes for special applications
- For series built-in equipment up to 63 A according to DIN 43880

KV Small-type distribution boards
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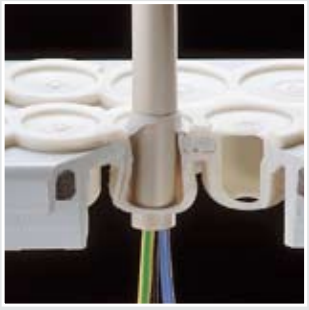
KV Small-type distribution boards
Circuit breaker boxes
cable entry via integrated elastic membranes



Cable entry via integrated elastic membranes

Integrated compartment for accessories -
everything has its proper place.

Screws made of stainless steel V2A.

FIXCONNECT® terminal technology for PE and N

Connection for copper conducters

Plenty of space for installation and wiring:
Easy access to built-in equipment by lower side walls.

12 to 54 modules:
attached blanking strips for DIN rail equipment openings.

Plenty of room for labelling and marking.

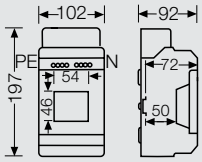
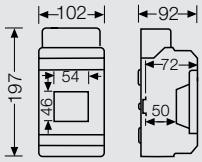
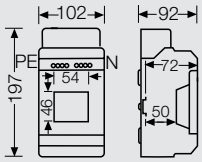
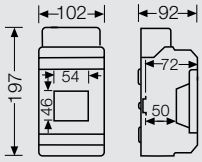
Door hinging interchangeable fast and easy from left to right.

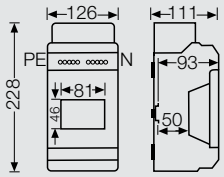
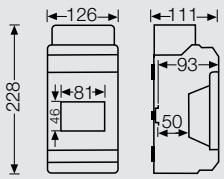
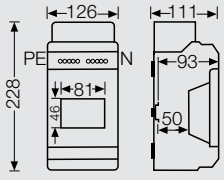
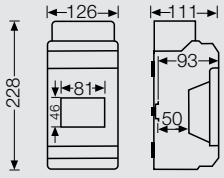
Burning behaviour:
Glow wire test according to IEC 60 695-2-1: 750 °C, flame-retardant, self-extinguishing

750° C

KV Small-type distribution boards
Circuit breaker boxes
cable entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent lid, lead-sealable
- for locking device for hinged lid and sealing facility refer to accessories.
- protective cover can be cut out
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

KV 9103	**IP 65** **3 modules: 1 x 3 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 1 x 25 mm², 4 x 4 mm², Cu	1 1	
KV 8103	**IP 65** **3 modules: 1 x 3 x 18 mm** 1-row **without PE and N terminal**	1 1	
KV 1503	**IP 54** **3 modules: 1 x 3 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 1 x 25 mm², 4 x 4 mm², Cu	1 1	
KV 1603	**IP 54** **3 modules: 1 x 3 x 18 mm** 1-row **without PE and N terminal**	1 1	

KV 9104	**IP 65** **4.5 modules: 1 x 4.5 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 2 x 25 mm², 4 x 4 mm², Cu	2 2	
KV 8104	**IP 65** **4.5 modules: 1 x 4.5 x 18 mm** 1-row **without PE and N terminals**	2 2	
KV 1504	**IP 54** **4.5 modules: 1 x 4.5 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 2 x 25 mm², 4 x 4 mm², Cu	2 2	
KV 1604	**IP 54** **4.5 modules: 1 x 4.5 x 18 mm** 1-row **without PE and N terminals**	2 2	

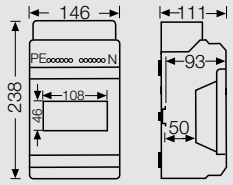
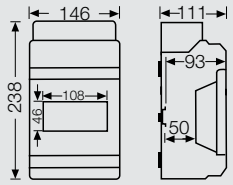
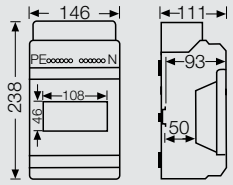
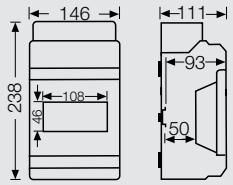
Box walls with elastic membranes for cable entry:

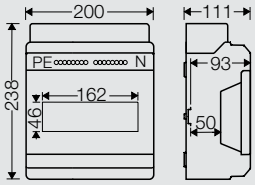
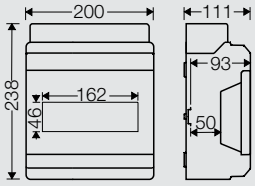
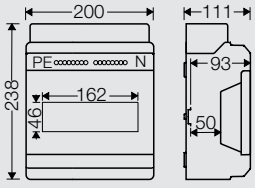
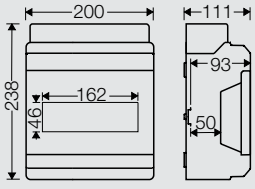
Wall 1: 3 x ø 7-16 mm

Wall 2: 4 x ø 7-16 mm, 1 x ø 10-20 mm

KV Small-type distribution boards
Circuit breaker boxes
cable entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent lid, lead-sealable
- for locking device for hinged lid and sealing facility refer to accessories.
- protective cover can be cut out
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

KV 9106	**IP 65** **6 modules: 1 x 6 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 2 x 25 mm², 4 x 4 mm², Cu	3 3	
KV 8106	**IP 65** **6 modules: 1 x 6 x 18 mm** 1-row **without PE and N terminals**	3 3	
KV 1506	**IP 54** **6 modules: 1 x 6 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 2 x 25 mm², 4 x 4 mm², Cu	3 3	
KV 1606	**IP 54** **6 modules: 1 x 6 x 18 mm** 1-row **without PE and N terminals**	3 3	

KV 9109	**IP 65** **9 modules: 1 x 9 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 2 x 25 mm², 8 x 4 mm², Cu	4 4	
KV 8109	**IP 65** **9 modules: 1 x 9 x 18 mm** 1-row **without PE and N terminal**	4 4	
KV 1509	**IP 54** **9 modules: 1 x 9 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 2 x 25 mm², 8 x 4 mm², Cu	4 4	
KV 1609	**IP 54** **9 modules: 1 x 9 x 18 mm** 1-row **without PE and N terminal**	4 4	

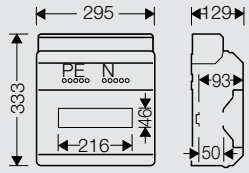
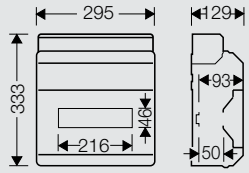
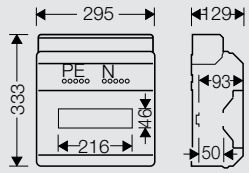
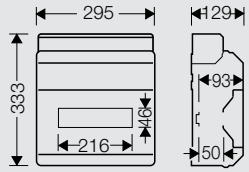
Box walls with elastic membranes for cable entry:

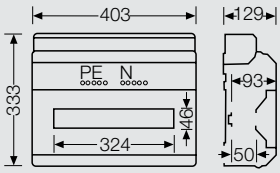
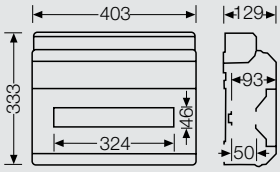
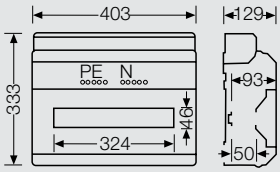
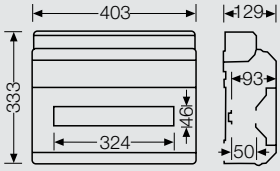
Wall 3: 4 x ø 7-16 mm, 2 x ø 10-20 mm, 1 x ø 10-24 mm

Wall 4: 8 x ø 7-16 mm, 2 x ø 10-20 mm, 1 x ø 10-24 mm

KV Small-type distribution boards
Circuit breaker boxes
cable entry via integrated elastic membranes

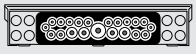
- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- for locking device for door and facility for sealing refer to accessories.
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

KV 9112	**IP 65** **12 modules: 1 x 12 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 3 x 25 mm², 12 x 4 mm², Cu N bar disconnectable for different potentials	5 5	
KV 8112	**IP 65** **12 modules: 1 x 12 x 18 mm** 1-row **without PE and N terminal**	5 5	
KV 1512	**IP 54** **12 modules: 1 x 12 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 3 x 25 mm², 12 x 4 mm², Cu N bar disconnectable for different potentials	5 5	
KV 1612	**IP 54** **12 modules: 1 x 12 x 18 mm** 1-row **without PE and N terminal**	5 5	

KV 9118	**IP 65** **18 modules: 1 x 18 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 4 x 25 mm², 16 x 4 mm², Cu N bar disconnectable for different potentials	6 6	
KV 8118	**IP 65** **18 modules: 1 x 18 x 18 mm** 1-row **without PE and N terminal**	6 6	
KV 1518	**IP 54** **18 modules: 1 x 18 x 18 mm** 1-row **FIXCONNECT® terminal technology** PE+N x cross section 4 x 25 mm², 16 x 4 mm², Cu N bar disconnectable for different potentials	6 6	
KV 1618	**IP 54** **18 modules: 1 x 18 x 18 mm** 1-row **without PE and N terminal**	6 6	

Box walls with elastic membranes for cable entry:

Wall 5: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm



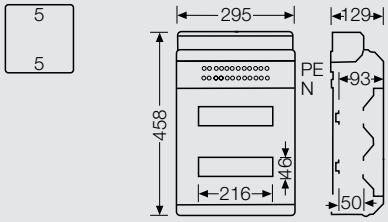
Wall 6: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm, 8 x M 20

KV Small-type distribution boards
Circuit breaker boxes
cable entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- for locking device for door and facility for sealing refer to accessories.
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

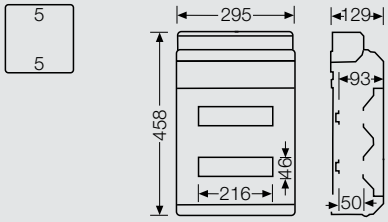
KV 9224 **IP 65**

24 modules: 2 x 12 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu
N bar disconnectable for different potentials



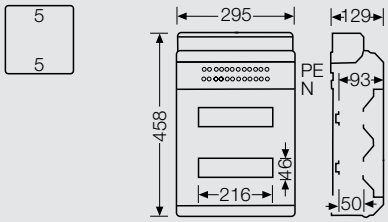
KV 8224 **IP 65**

24 modules: 2 x 12 x 18 mm
2-row
without PE and N terminal



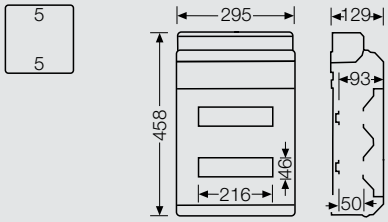
KV 2524 **IP 54**

24 modules: 2 x 12 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu
N bar disconnectable for different potentials

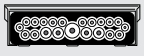


KV 2624 **IP 54**

24 modules: 2 x 12 x 18 mm
2-row
without PE and N terminal



Box walls with elastic membranes for cable entry:



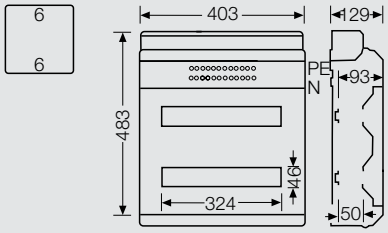
Wall 5: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm

KV Small-type distribution boards
Circuit breaker boxes
cable entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- for locking device for door and facility for sealing refer to accessories.
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

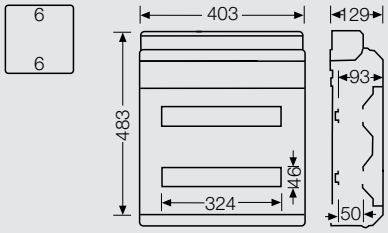
KV 9236 **IP 65**

36 modules: 2 x 18 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu
N bar disconnectable for different potentials



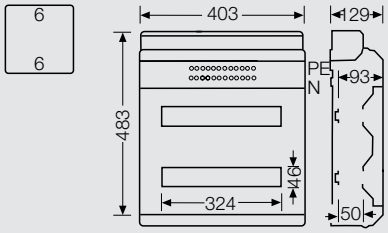
KV 8236 **IP 65**

36 modules: 2 x 18 x 18 mm
2-row
without PE and N terminal



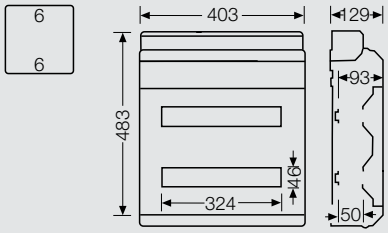
KV 2536 **IP 54**

36 modules: 2 x 18 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu
N bar disconnectable for different potentials

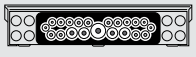


KV 2636 **IP 54**

36 modules: 2 x 18 x 18 mm
2-row
without PE and N terminal



Box walls with elastic membranes for cable entry:



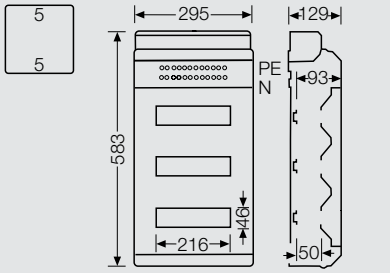
Wall 6: 8 x ø 7-12 mm, 8 x ø 7-14 mm,
4 x ø 11-20 mm, 1 x ø 16-29 mm, 8 x M 20

KV Small-type distribution boards
Circuit breaker boxes
cable entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- for locking device for door and facility for sealing refer to accessories.
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

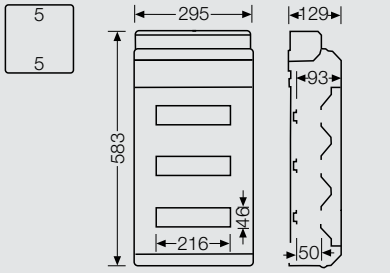
KV 9336 **IP 65**

36 modules: 3 x 12 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu
N bar disconnectable for different potentials



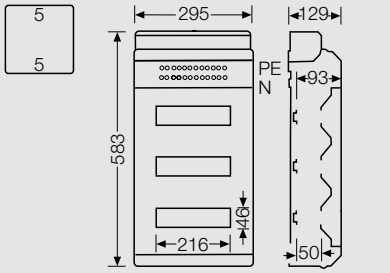
KV 8336 **IP 65**

36 modules: 3 x 12 x 18 mm
3-row
without PE and N terminal



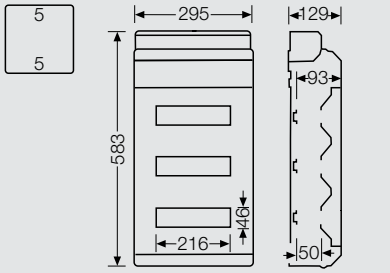
KV 3536 **IP 54**

36 modules: 3 x 12 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu
N bar disconnectable for different potentials

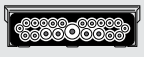


KV 3636 **IP 54**

36 modules: 3 x 12 x 18 mm
3-row
without PE and N terminal



Box walls with elastic membranes for cable entry:



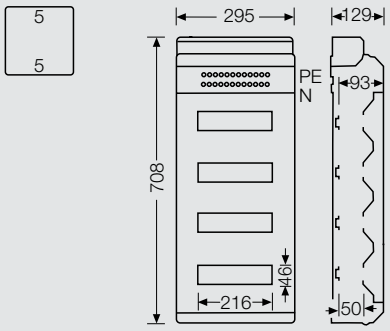
Wall 5: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm

KV Small-type distribution boards
Circuit breaker boxes
cable entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- for locking device for door and facility for sealing refer to accessories.
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

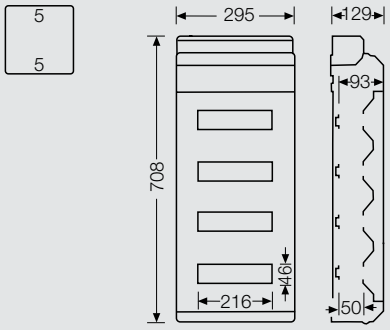
KV 9448 **IP 65**

48 modules: 4 x 12 x 18 mm
4-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu
N bar disconnectable for different potentials



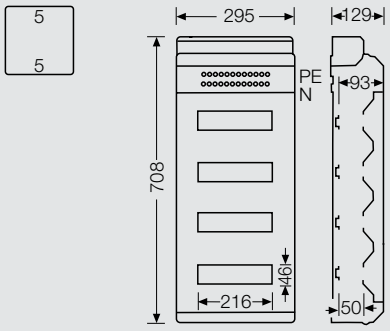
KV 8448 **IP 65**

48 modules: 4 x 12 x 18 mm
4-row
without PE and N terminal



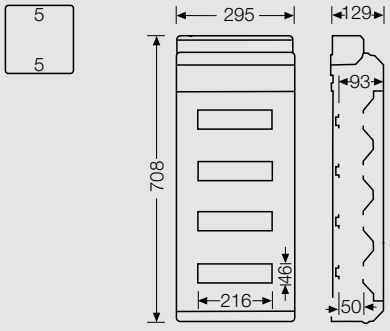
KV 4548 **IP 54**

48 modules: 4 x 12 x 18 mm
4-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu
N bar disconnectable for different potentials

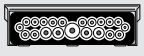


KV 4648 **IP 54**

48 modules: 4 x 12 x 18 mm
4-row
without PE and N terminal



Box walls with elastic membranes for cable entry:



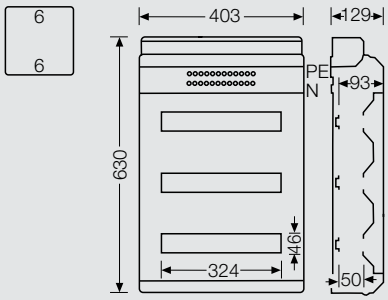
Wall 5: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm

KV Small-type distribution boards
Circuit breaker boxes
cable entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- for locking device for door and facility for sealing refer to accessories.
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

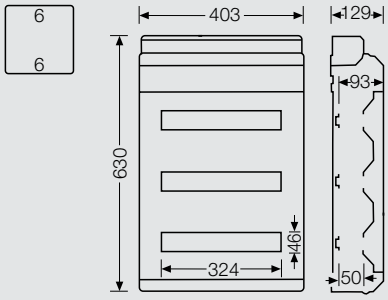
KV 9354 **IP 65**

54 modules: 3 x 18 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu
N bar disconnectable for different potentials



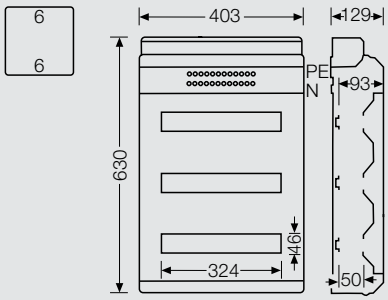
KV 8354 **IP 65**

54 modules: 3 x 18 x 18 mm
3-row
without PE and N terminal



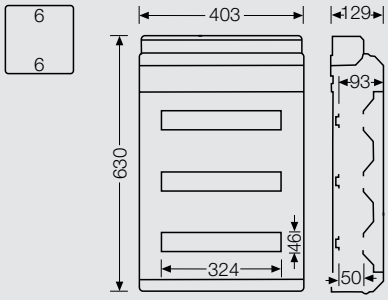
KV 3554 **IP 54**

54 modules: 3 x 18 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu
N bar disconnectable for different potentials

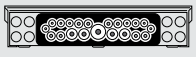


KV 3654 **IP 54**

54 modules: 3 x 18 x 18 mm
3-row
without PE and N terminal



Box walls with elastic membranes for cable entry:



Wall 6: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm, 8 x M 20

KV Small-type distribution boards
Circuit breaker boxes
cable/conduit entry via metric knockouts

Cable/conduit entry via metric knockouts

Integrated compartment for accessories -
everything has its proper place.

Screws made of stainless steel V2A.

FIXCONNECT® terminal technology for PE and N

Plenty of space for installation and wiring:
Easy access to built-in equipment by lower side walls.

Hensel KV Small-type distribution boards with earthed armoured cables according to British Standard.

12 to 54 modules:
attached blanking strips for DIN rail equipment openings.

Plenty of room for labelling and marking.

Door hinging interchangeable fast and easy from left to right.

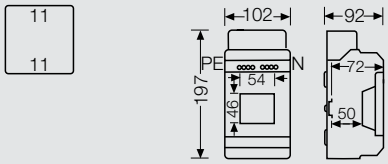
Burning behaviour:
Glow wire test according to IEC 60 695-2-1: 750 °C, flame-retardant, self-extinguishing

KV Small-type distribution boards
Circuit breaker boxes
cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- protective cover can be cut out
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

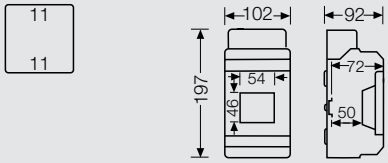
KV 7103 **IP 65**

3 modules: 1 x 3 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
1 x 25 mm², 4 x 4 mm², Cu



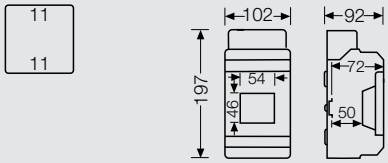
KV 6103 **IP 65**

3 modules: 1 x 3 x 18 mm
1-row
without PE and N terminals



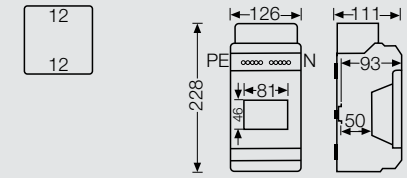
KV PC 6103 **IP 65**

3 modules: 1 x 3 x 18 mm
1-row
UV resistant
insulated box for photovoltaic plants
up to AC 690 V / DC 1000 V
without PE and N terminals



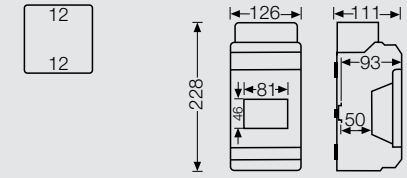
KV 7104 **IP 65**

4.5 modules: 1 x 4.5 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
2 x 25 mm², 4 x 4 mm², Cu



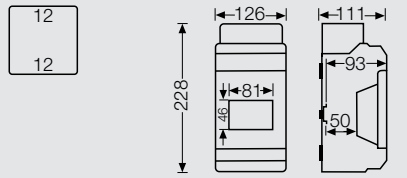
KV 6104 **IP 65**

4.5 modules: 1 x 4.5 x 18 mm
1-row
without PE and N terminals



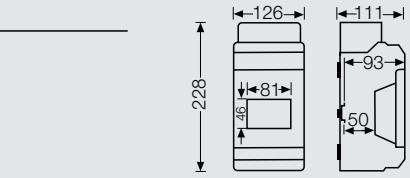
KV PC 6104 **IP 65**

4.5 modules: 1 x 4.5 x 18 mm
1-row
UV resistant
insulated box for photovoltaic plants
up to AC 690 V / DC 1000 V
without PE and N terminals



KV PC 8104 **IP 65**

4.5 modules: 1 x 4.5 x 18 mm
1-row
UV resistant
insulated box for photovoltaic plants of
up to AC 690 V / DC 1000 V
without PE and N terminals
box walls without knockouts



Box walls with metric knock outs for cable entry:

Wall 11: 3 x M 16

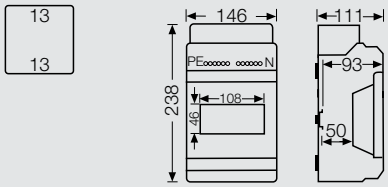
Wall 12: 2 x M 20, 1 x M 20/32

KV Small-type distribution boards
Circuit breaker boxes
cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- protective cover can be cut out
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

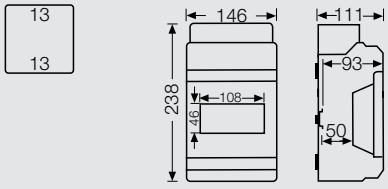
KV 7106 **IP 65**

6 modules: 1 x 6 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
2 x 25 mm², 4 x 4 mm², Cu



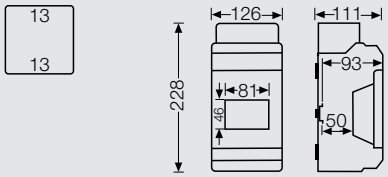
KV 6106 **IP 65**

6 modules: 1 x 6 x 18 mm
1-row
without PE and N terminals



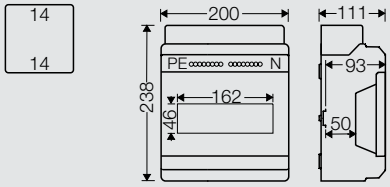
KV PC 6106 **IP 65**

6 modules: 1 x 6 x 18 mm
1-row
UV resistant
insulated box for photovoltaic plants
up to AC 690 V / DC 1000 V
without PE and N terminals



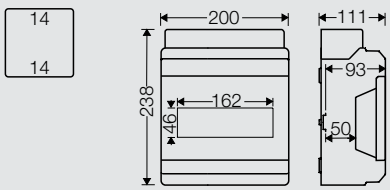
KV 7109 **IP 65**

9 modules: 1 x 9 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
2 x 25 mm², 8 x 4 mm², Cu



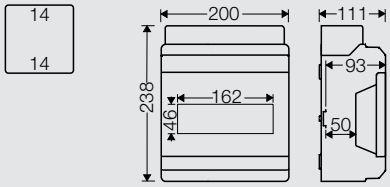
KV 6109 **IP 65**

9 modules: 1 x 9 x 18 mm
1-row
without PE and N terminals



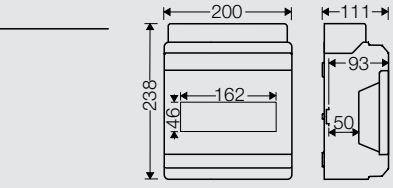
KV PC 6109 **IP 65**

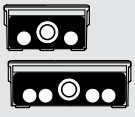
9 modules: 1 x 9 x 18 mm
1-row
UV resistant
insulated box for photovoltaic plants
up to AC 690 V / DC 1000 V
without PE and N terminals



KV PC 8109 **IP 65**

9 modules: 1 x 9 x 18 mm
1-row
UV resistant
insulated box for photovoltaic plants of
up to AC 690 V / DC 1000 V
without PE and N terminals
box walls without knockouts





Wall 13: 2 x M 20, 1 x M 20/32

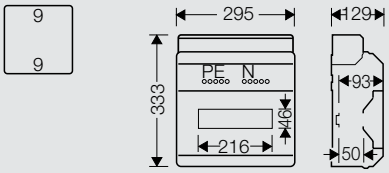
Wall 14: 4 x M 20, 1 x M 20/32

KV Small-type distribution boards
Circuit breaker boxes
cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

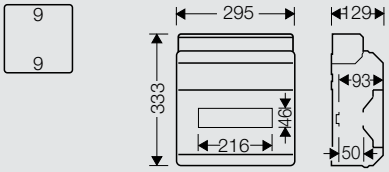
KV 9112 M **IP 65**

12 modules: 1 x 12 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
3 x 25 mm², 12 x 4 mm², Cu



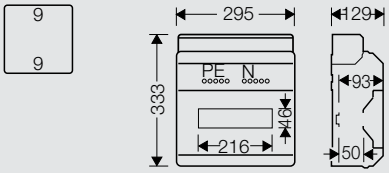
KV 8112 M **IP 65**

12 modules: 1 x 12 x 18 mm
1-row
without PE and N terminals



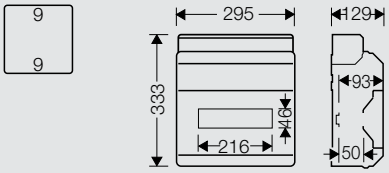
KV 1512 M **IP 54**

12 modules: 1 x 12 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
3 x 25 mm², 12 x 4 mm², Cu



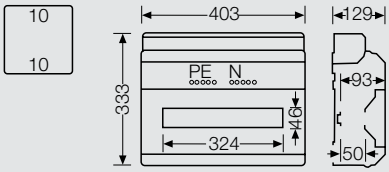
KV 1612 M **IP 54**

12 modules: 1 x 12 x 18 mm
1-row
without PE and N terminals



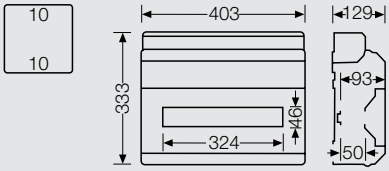
KV 9118 M **IP 65**

18 modules: 1 x 18 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
4 x 25 mm², 16 x 4 mm², Cu



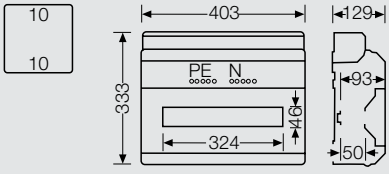
KV 8118 M **IP 65**

18 modules: 1 x 18 x 18 mm
1-row
without PE and N terminals



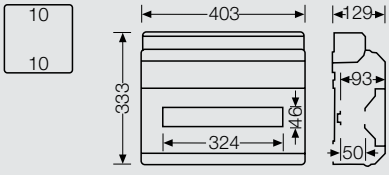
KV 1518 M **IP 54**

18 modules: 1 x 18 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
4 x 25 mm², 16 x 4 mm², Cu



KV 1618 M **IP 54**

18 modules: 1 x 18 x 18 mm
1-row
without PE and N terminals



Box walls with metric knock outs:

Wall 9: 4 x M 20, 2 x M 20/25, 1 x M 32

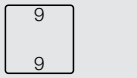
Wall 10: 12 x M 20, 2 x M 20/25, 1 x M 32

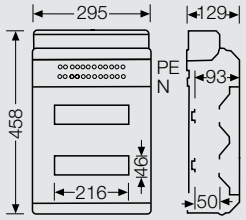
KV Small-type distribution boards
Circuit breaker boxes
cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

KV 9224 M **IP 65**

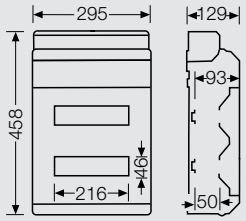
24 modules: 2 x 12 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu





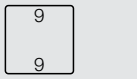
KV 8224 M **IP 65**

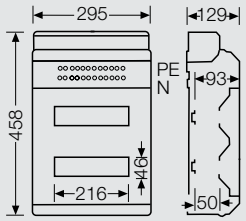
24 modules: 2 x 12 x 18 mm
2-row
without PE and N terminals



KV 2524 M **IP 54**

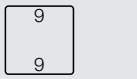
24 modules: 2 x 12 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu

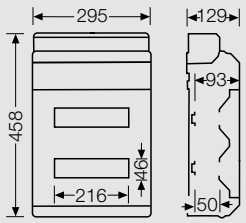




KV 2624 M **IP 54**

24 modules: 2 x 12 x 18 mm
2-row
without PE and N terminals





Box walls with metric knock outs:

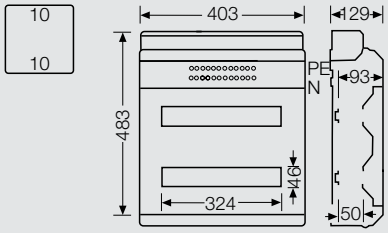
Wall 9: 4 x M 20, 2 x M 20/25, 1 x M 32

KV Small-type distribution boards
Circuit breaker boxes
cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

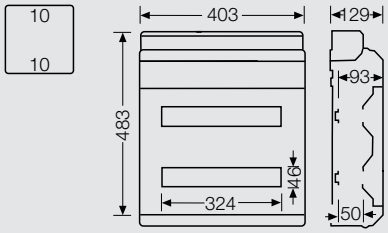
KV 9236 M **IP 65**

36 modules: 2 x 18 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu



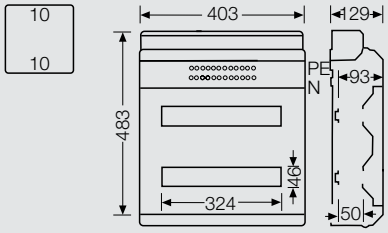
KV 8236 M **IP 65**

36 modules: 2 x 18 x 18 mm
2-row
without PE and N terminals



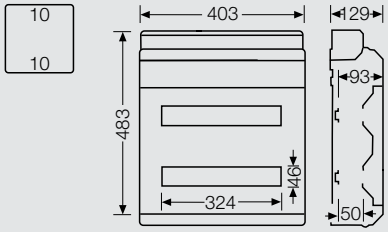
KV 2536 M **IP 54**

36 modules: 2 x 18 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu



KV 2636 M **IP 54**

36 modules: 2 x 18 x 18 mm
2-row
without PE and N terminals



Box walls with metric knock outs:

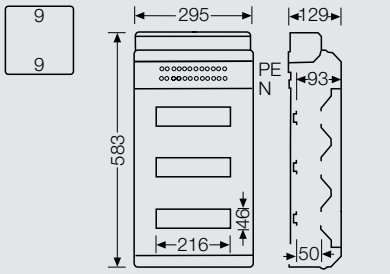
Wall 10: 12 x M 20, 2 x M 20/25, 1 x M 32

KV Small-type distribution boards
Circuit breaker boxes
cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

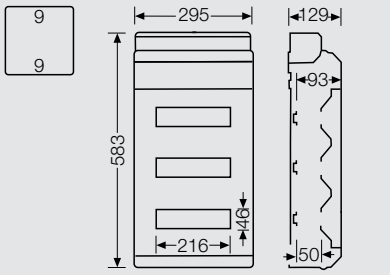
KV 9336 M **IP 65**

36 modules: 3 x 12 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu



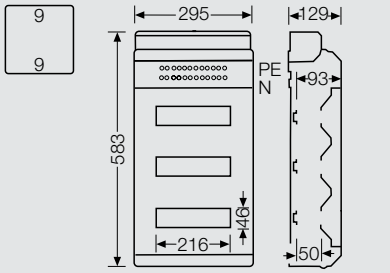
KV 8336 M **IP 65**

36 modules: 3 x 12 x 18 mm
3-row
without PE and N terminals



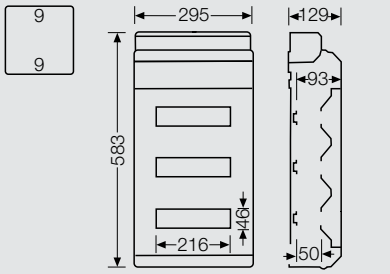
KV 3536 M **IP 54**

36 modules: 3 x 12 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu



KV 3636 M **IP 54**

36 modules: 3 x 12 x 18 mm
3-row
without PE and N terminals



Box walls with metric knock outs:

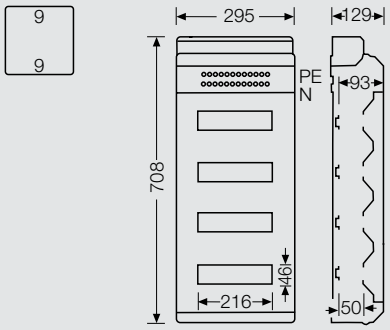
Wall 9: 4 x M 20, 2 x M 20/25, 1 x M 32

KV Small-type distribution boards
Circuit breaker boxes
cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

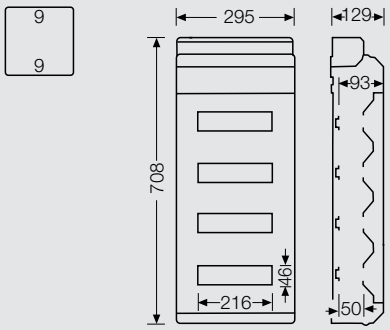
KV 9448 M **IP 65**

48 modules: 4 x 12 x 18 mm
4-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu



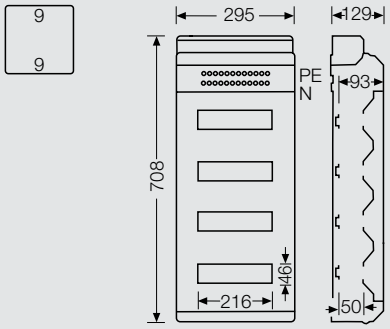
KV 8448 M **IP 65**

48 modules: 4 x 12 x 18 mm
4-row
without PE and N terminals



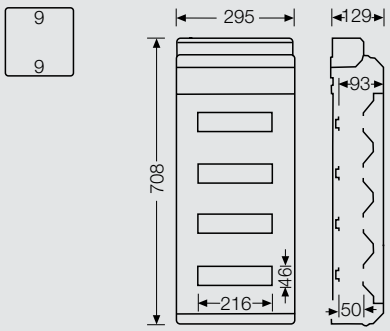
KV 4548 M **IP 54**

48 modules: 4 x 12 x 18 mm
4-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu



KV 4648 M **IP 54**

48 modules: 4 x 12 x 18 mm
4-row
without PE and N terminals



Box walls with metric knock outs:

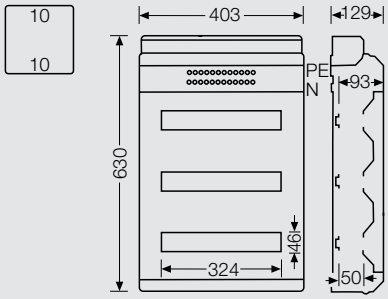
Wall 9: 4 x M 20, 2 x M 20/25, 1 x M 32

KV Small-type distribution boards
Circuit breaker boxes
cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

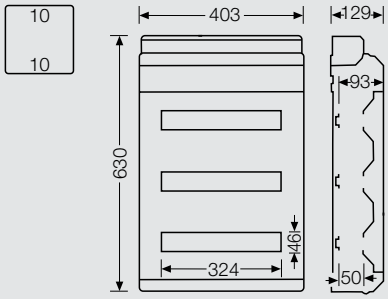
KV 9354 M **IP 65**

54 modules: 3 x 18 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu



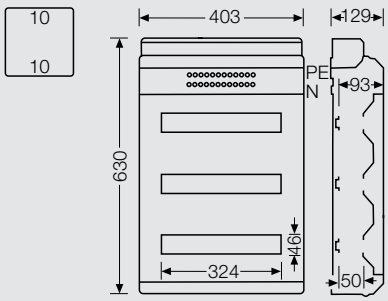
KV 8354 M **IP 65**

54 modules: 3 x 18 x 18 mm
3-row
without PE and N terminals



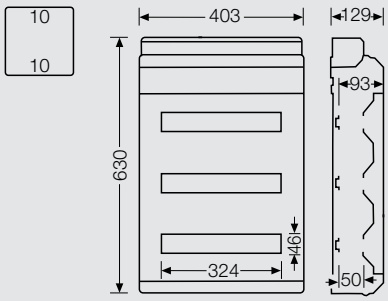
KV 3554 M **IP 54**

54 modules: 3 x 18 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu



KV 3654 M **IP 54**

54 modules: 3 x 18 x 18 mm
3-row
without PE and N terminals



Box walls with metric knock outs:

Wall 10: 12 x M 20, 2 x M 20/25, 1 x M 32

KV Small-type distribution boards
Circuit breaker boxes
conduit entry via integrated elastic membranes

Conduit entry
via integrated elastic membranes.

Door hinging interchangeable fast and easy from left to right.

12 to 54 modules:
attached blanking strips for DIN rail equipment openings

Integrated compartment for accessories -
everything has its proper place.

Screws made of stainless steel V2A.

Plenty of space for installation and wiring:

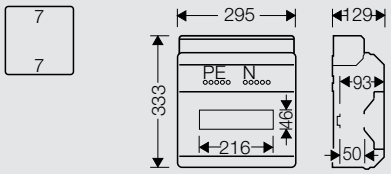
Burning behaviour:
Glow wire test according to IEC 60 695-2-1: 750 °C, flame-retardant,
self-extinguishing

KV Small-type distribution boards
Circuit breaker boxes
conduit entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent lid
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

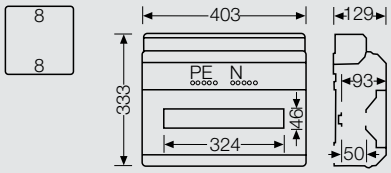
KV 1712 **IP 54**

12 modules: 1 x 12 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
3 x 25 mm², 12 x 4 mm², Cu



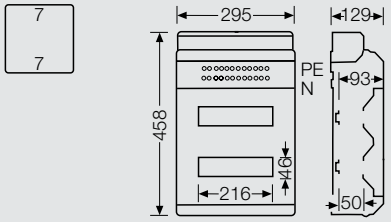
KV 1718 **IP 54**

18 modules: 1 x 18 x 18 mm
1-row
FIXCONNECT® terminal technology
PE+N x cross section
4 x 25 mm², 16 x 4 mm², Cu



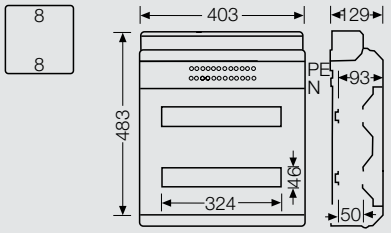
KV 2724 **IP 54**

24 modules: 2 x 12 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu



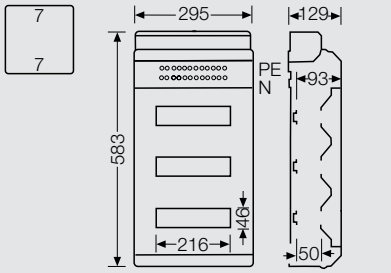
KV 2736 **IP 54**

36 modules: 2 x 18 x 18 mm
2-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu



KV 3736 **IP 54**

36 modules: 3 x 12 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu



Box walls with with integrated membranes for conduit installation

Wall 7: 8 x Ø M 16/20 for conduit or cable Ø 9-14 mm,
1 x M 25/32 for conduit or cable Ø 18-24 mm, 6 x Ø 9-18 mm

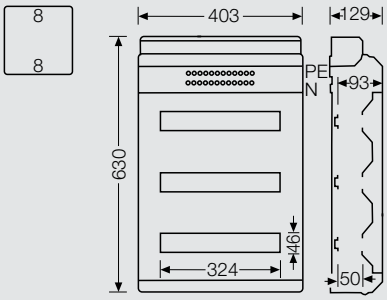
Wall 8: 8 x Ø M 16/20 for conduit or cable Ø 9-14 mm,
1 x M 25/32 for conduit or cable Ø 18-24 mm, 6 x Ø 9-18 mm, 8 x M 20

KV Small-type distribution boards
Circuit breaker boxes
conduit entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- with cable entry cover
- with transparent lid
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

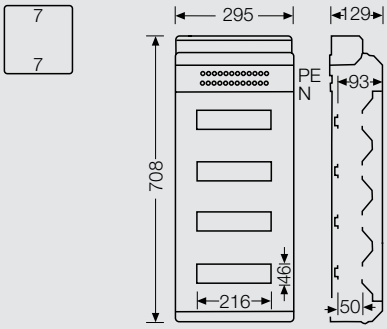
KV 3754 **IP 54**

54 modules: 3 x 18 x 18 mm
3-row
FIXCONNECT® terminal technology
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu



KV 4748 **IP 54**

48 modules: 4 x 12 x 18 mm
4-row
FIXCONNECT® terminal technology
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu



Box walls with with integrated membranes for conduit installation

Wall 7: 8 x Ø M 16/20 for conduit or cable Ø 9-14 mm,
1 x M 25/32 for conduit or cable Ø 18-24 mm, 6 x Ø 9-18 mm

Wall 8: 8 x Ø M 16/20 for conduit or cable Ø 9-14 mm,
1 x M 25/32 for conduit or cable Ø 18-24 mm, 6 x Ø 9-18 mm, 8 x M 20

KV »Extra« Circuit breaker boxes

with additional space for electrical devices not to be manually actuated cable entry via integrated elastic membranes

Additional space with DIN rail over the total enclosure width for electrical devices not to be manually actuated. Installation depth 72 mm. Installation height max. 125 mm resp. 150 mm.

Short wiring ways.

Cable entry via integrated elastic membranes

Compact user friendly solution, optically optimized.

Pre-assembly and wiring are possible inthe workshop when terminal blocks are provided for.

Door hinging interchangeable fast and easy from left to right.

Integrated compartment for accessories - everything has its proper place.

Screws made of stainless steel V2A.

DIN rail equipment (dimensions according to DIN 43 880) can be installed in the same enclosure.

Burning behaviour:
Glow wire test according to IEC 60 695-2-1: 750 °C, flame-retardant, **self-extinguishing**

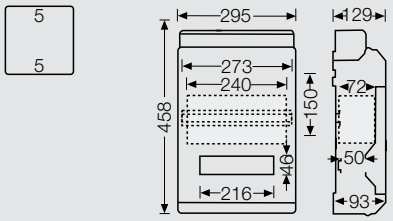
KV »Extra« Circuit breaker boxes

with additional space for electrical devices not to be manually actuated cable entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- **without PE and N terminal**
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

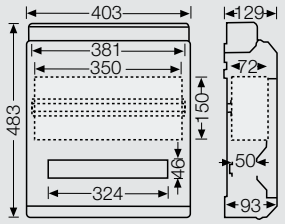
KV 9220 **IP 65**

12 modules: 1 x 12 x 18 mm
with additional space for electrical devices not to be manually actuated
+ 1 DIN rail 273 mm wide
1-row



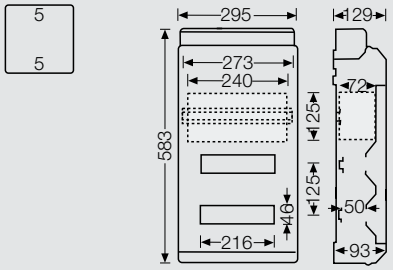
KV 9230 **IP 65**

18 modules: 1 x 18 x 18 mm
with additional space for electrical devices not to be manually actuated
+ 1 DIN rail 381 mm wide
1-row



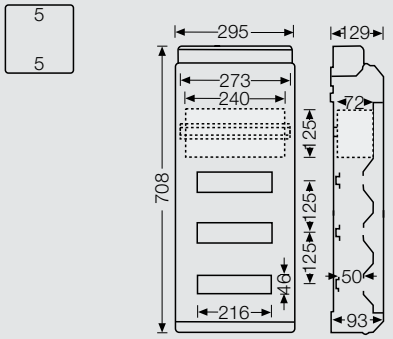
KV 9330 **IP 65**

24 modules: 2 x 12 x 18 mm
with additional space for electrical devices not to be manually actuated
+ 1 DIN rail 273 mm wide
2-row

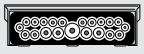


KV 9440 **IP 65**

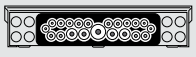
36 modules: 3 x 12 x 18 mm
with additional space for electrical devices not to be manually actuated
+ 1 DIN rail 273 mm wide
3-row



Box walls with elastic membranes for cable entry:



Wall 5: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm



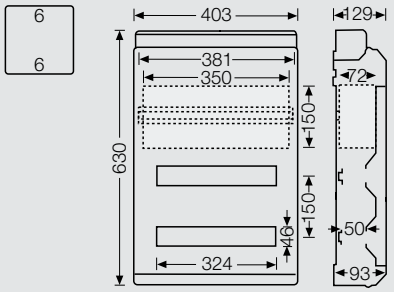
Wall 6: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm, 8 x M 20

KV »Extra« Circuit breaker boxes

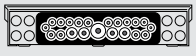
with additional space for electrical devices not to be manually actuated cable entry via integrated elastic membranes

- for the installation of DIN rail equipment, top hat profile 35 mm
- for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- **without PE and N terminal**
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

KV 9350	IP 65
	36 modules: 2 x 18 x 18 mm **with additional space for electrical devices not to be manually actuated** **+ 1 DIN rail 381 mm wide** 2-row



Box walls with elastic membranes for cable entry:



Wall 6: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm, 8 x M 20

KV Small-type distribution boards

with additional space for electrical devices not to be manually actuated cable/conduit entry via metric knockouts

Cable/conduit entry via metric knockouts

Integrated compartment for accessories - everything has its proper place.

Screws made of stainless steel V2A.

Additional space with DIN rail over the total enclosure width for electrical devices not to be manually actuated. Installation depth 72 mm. Installation height max. 125 mm resp. 150 mm.

Short wiring ways.

Hensel KV Small-type distribution boards with earthed armoured cables according to British Standard.

Compact user friendly solution, optically optimized.

Pre-assembly and wiring are possible inthe workshop when terminal blocks are provided for.

Door hinging interchangeable fast and easy from left to right.

DIN rail equipment (dimensions according to DIN 43 880) can be installed in the same enclosure.

Burning behaviour:
Glow wire test according to IEC 60 695-2-1: 750 °C, flame-retardant,
self-extinguishing

750° C

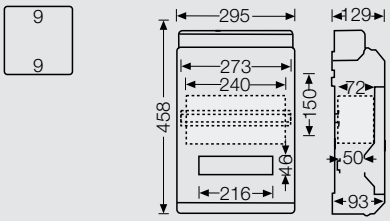
KV »Extra« Circuit breaker boxes

with additional space for electrical devices not to be manually actuated cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- **without PE and N terminal**
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

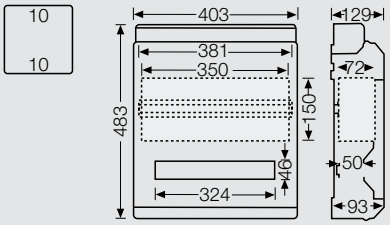
KV 9220 M **IP 65**

12 modules: 1 x 12 x 18 mm
with additional space for electrical devices
not to be manually actuated
+ 1 DIN rail 273 mm wide
1-row



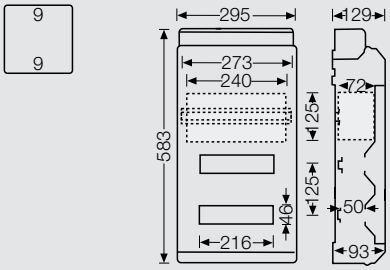
KV 9230 M **IP 65**

18 modules: 1 x 18 x 18 mm
with additional space for electrical devices
not to be manually actuated
+ 1 DIN rail 381 mm wide
1-row



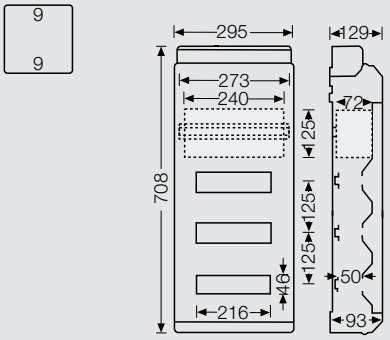
KV 9330 M **IP 65**

24 modules: 2 x 12 x 18 mm
with additional space for electrical devices
not to be manually actuated
+ 1 DIN rail 273 mm wide
2-row



KV 9440 M **IP 65**

36 modules: 3 x 12 x 18 mm
with additional space for electrical devices
not to be manually actuated
+ 1 DIN rail 273 mm wide
3-row



Box walls with metric knock outs:

Wall 9: 4 x M 20, 2 x M 20/25, 1 x M 32

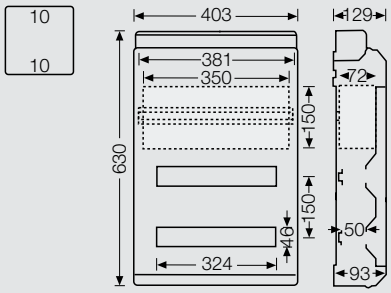
Wall 10: 12 x M 20, 2 x M 20/25, 1 x M 32

KV »Extra« Circuit breaker boxes

with additional space for electrical devices not to be manually actuated cable/conduit entry via metric knockouts

- for the installation of DIN rail equipment, top hat profile 35 mm
- for DIN rail equipment and terminal blocks with max. mounting depth 72 mm
- **without PE and N terminal**
- with cable entry cover
- with transparent door
- with blanking strips for unused DIN rail openings
- material: thermoplastic
- colour: grey, RAL 7035
- rated insulation voltage: AC 400 V

KV 9350 M	**IP 65**
	36 modules: 2 x 18 x 18 mm **with additional space for electrical devices not to be manually actuated** **+ 1 DIN rail 381 mm wide** 2-row

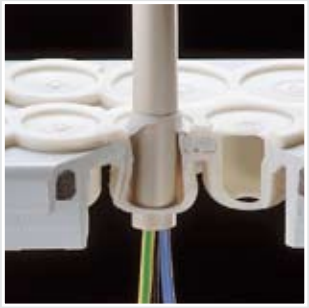


Box walls with metric knock outs:

Wall 10: 12 x M 20, 2 x M 20/25, 1 x M 32

KV Small-type distribution boards
Empty boxes

KG empty boxes:
Cable entry via metric knock outs.



Cable entry via integrated elastic membranes.
(exept for KG Empty boxes)

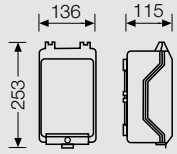
Burning behaviour:
Glow wire test according to IEC 60 695-2-1: 750 °C, flame-retardant, self-extinguishing

Screws made of stainless steel V2A.

- sealable
- fastener for tool operation
- material: thermoplastic
- colour: grey, RAL 7035

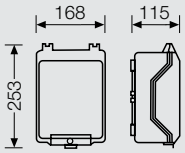
KG 9001 **IP 55 (ESM), IP 65 (refer to index LES)**

for installation equipment on DIN rails or mounting plates
max. installation depth 95 mm with built-in mounting plate, 89 mm with built-in DIN rail
cable entry via metric knockouts
included cable entry
2 ESM 25 (sealing range Ø 9-17),
1 ESM 32 (sealing range Ø 9-23)
with transparent hinged lid



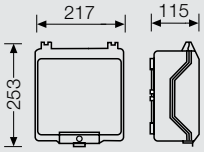
KG 9002 **IP 55 (ESM), IP 65 (refer to index LES)**

for installation equipment on DIN rails or mounting plates
max. installation depth 95 mm with built-in mounting plate, 89 mm with built-in DIN rail
cable entry via metric knockouts
included cable entry
2 ESM 25 (sealing range Ø 9-17),
1 ESM 32 (sealing range Ø 9-23)
with transparent hinged lid



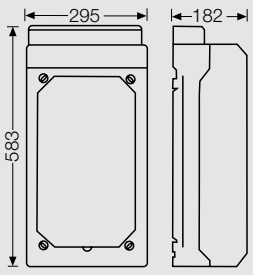
KG 9003 **IP 55 (ESM), IP 65 (refer to index LES)**

for installation equipment on DIN rails or mounting plates
max. installation depth 95 mm with built-in mounting plate, 89 mm with built-in DIN rail
cable entry via metric knockouts
included cable entry
2 ESM 25 (sealing range Ø 9-17),
1 ESM 32 (sealing range Ø 9-23)
with transparent hinged lid

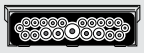


KV 9331 **IP 65**

for installation of devices via installed mounting plate
max. installation depth 160 mm
cable entry via integrated elastic membranes
with cable entry cover
with transparent lid



Box walls with membranes for cable entry:



Wall 5: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm

Wall 7: 2 x M 20, 2 x M 25, 1 x M 32/40

Wall 8: 4 x M 20, 2 x M 25/32, 1 x M 32/40

Wall 9: 6 x M 20, 2 x M 25/32, 1 x M 32/40

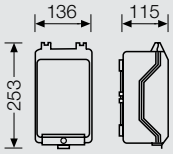
Wall 10: for 2 x AVS 16/EVS 16

KV Small-type distribution boards
Empty boxes

- sealable
- fastener for tool operation
- material: thermoplastic
- colour: grey, RAL 7035

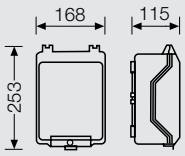
KG 9001 IN **IP 55 (ESM), IP 65 (refer to index LES)**

for installation equipment on DIN rails or mounting plates
max. installation depth 95 mm with built-in mounting plate, 89 mm with built-in DIN rail
cable entry via metric knockouts
included cable entry
2 ESM 25 (sealing range Ø 9-17),
1 ESM 32 (sealing range Ø 9-23)
with opaque hinged lid



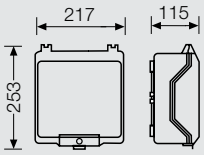
KG 9002 IN **IP 55 (ESM), IP 65 (refer to index LES)**

for installation equipment on DIN rails or mounting plates
max. installation depth 95 mm with built-in mounting plate, 89 mm with built-in DIN rail
cable entry via metric knockouts
included cable entry
2 ESM 25 (sealing range Ø 9-17),
1 ESM 32 (sealing range Ø 9-23)
with opaque hinged lid



KG 9003 IN **IP 55 (ESM), IP 65 (refer to index LES)**

for installation equipment on DIN rails or mounting plates
max. installation depth 95 mm with built-in mounting plate, 89 mm with built-in DIN rail
cable entry via metric knockouts
included cable entry
2 ESM 25 (sealing range Ø 9-17),
1 ESM 32 (sealing range Ø 9-23)
with opaque hinged lid



Box walls with membranes for cable entry:

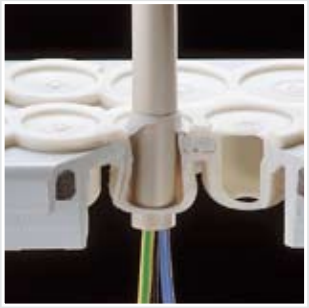
Wall 7: 2 x M 20, 2 x M 25, 1 x M 32/40

Wall 8: 4 x M 20, 2 x M 25/32, 1 x M 32/40

Wall 9: 6 x M 20, 2 x M 25/32, 1 x M 32/40

Wall 10: for 2 x AVS 16/EVS 16

KV Small-type distribution boards
KWH Meter Boxes
cable entry via integrated elastic membranes



Cable entry with integrated elastic sealing membranes

Screws made of stainless steel V2A.

Sealable

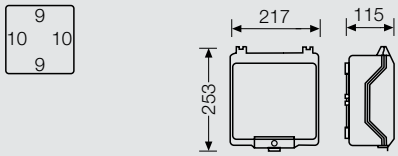
Burning behaviour:
Glow wire test according to IEC 60 695-2-1: 750 °C, flame-retardant,

KV Small-type distribution boards
KWH Meter Boxes
cable entry via integrated elastic membranes

- with KWH meter fastening plate and meter fastening screws
- with cable entry cover
- with transparent lid
- fasteners for tool operation
- sealable
- **use in unmetered area after consultation with local VNB**
- material: thermoplastic
- colour: grey, RAL 7035

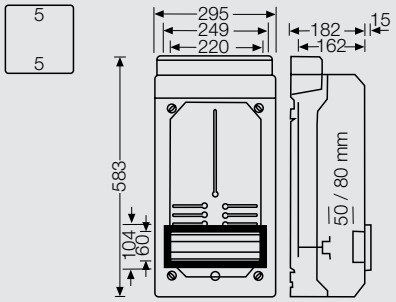
KG 9013 **IP 65**

with transparent hinged lid
for installation equipment on DIN rails and electronic meters, top hat profile 35 mm
protection cover can be sealed
cable entry via metric knockouts



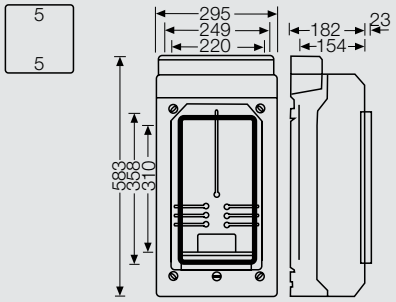
KV 9337 **IP 65**

with hinged flap and protection cover for 12 modules (12 x 18 mm)
max. installation depth 162 mm
with DIN-rail belonging to it



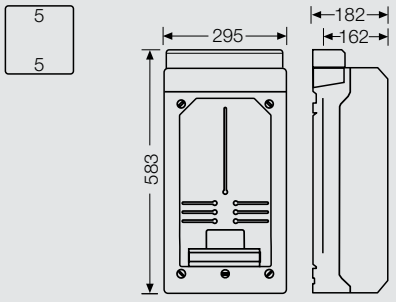
KV 9338 **IP 54**

with KWH meter window flap, sealable
for tool or manual operation
for maximum KWH meters, time switches etc.
for padlock (clip Ø max. 6 mm)
max. installation depth 154 mm
with additional DIN rail



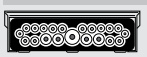
KV 9339 **IP 65**

max. installation depth 162 mm
with additional DIN rail



KV Meter box with built-in electronic KWH meter (eHZ)

Box walls with membranes for cable entry:



Wall 5: 8 x ø 7-12 mm, 8 x ø 7-14 mm, 4 x ø 11-20 mm, 1 x ø 16-29 mm

Wall 9: 6 x M 20, 2 x M 25/32, 1 x M 32/40

Wall 10: for 2 x AVS 16/EVS 16

Connecting glands, mounting plates,
DIN rails, cable retentions 148
PE+N terminals FIXCONNECT plug-in technology 149
PE+N screw-type terminals 150
Cable entry covers 151
Locking device, facility for sealing, blanking strips 152

KV Small-type distribution boards
Accessories

EVS 16 **Press-in connecting glands**

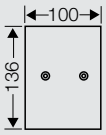
degree of protection: IP 54
for lateral box assembly of KV and KG boxes
for Ø to 19 mm

AVS 16 **Threased connecting glands**

degree of protection: IP 65
for lateral box assembly of KV and KG boxes
for Ø to 15 mm

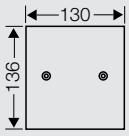
KG MP 01 **Mounting plate for KG 9001**

laminated paper
material thickness 4 mm
with fixing screws



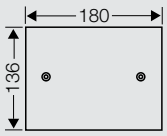
KG MP 02 **Mounting plate for KG 9002**

laminated paper
material thickness 4 mm
with fixing screws



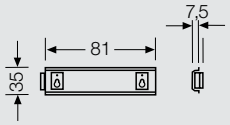
KG MP 03 **Mounting plate for KG 9003**

laminated paper
material thickness 4 mm
with fixing screws



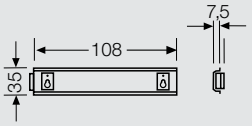
KG TS 01 **DIN rail for KG 9001**

in accordance with EN 60 715
for equipment or terminals with clip-on mounting
with fixing screws



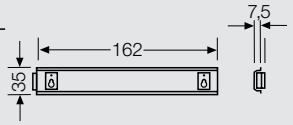
KG TS 02 **DIN rail for KG 9002**

in accordance with EN 60 715
for equipment or terminals with clip-on mounting
with fixing screws



KG TS 03 **DIN rail for KG 9003**

in accordance with EN 60 715
for equipment or terminals with clip-on mounting
with fixing screws



KHR 01 **Cable retention**

Set with 10 x 6 cable retentions
30 pieces for cable diameter: Ø 6.5-10 mm
30 pieces for cable diameter: Ø 10-14 mm

KHR 02 **Cable retention**

Set with 10 x 6 cable retentions
30 pieces for cable diameter: Ø 10-14 mm
30 pieces for cable diameter: Ø 13-16 mm

KV FC 03 **PE and N terminal**

FIXCONNECT® technology
for small-type distribution boards with 3 modules
PE+N x cross section
1 x 25 mm², 4 x 4 mm², Cu

KV FC 04 **PE and N terminal**

FIXCONNECT® technology
for small-type distribution boards with 4.5 modules
PE+N x cross section
2 x 25 mm², 4 x 4 mm², Cu

KV FC 06 **PE and N terminal**

FIXCONNECT® technology
for small-type distribution boards with 6 modules
PE+N x cross section
2 x 25 mm², 4 x 4 mm², Cu

KV FC 09 **PE and N terminal**

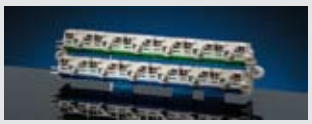
FIXCONNECT® technology
for small-type distribution boards with 9 modules
PE+N x cross section
2 x 25 mm², 8 x 4 mm², Cu

KV FC 12 **PE and N terminal**

FIXCONNECT® technology
for small-type distribution boards with 12 modules and KV empty boxes
PE+N x cross section
3 x 25 mm², 12 x 4 mm², Cu

KV FC 18 **PE and N terminal**

FIXCONNECT® technology
for small-type distribution boards with 18 modules per row
PE+N x cross section
4 x 25 mm², 16 x 4 mm², Cu



KV FC 24 **PE and N terminal**

FIXCONNECT® technology
for small-type distribution boards with 12 modules and KV empty boxes
PE+N x cross section
6 x 25 mm², 24 x 4 mm², Cu

KV FC 36 **PE and N terminal**

FIXCONNECT® technology
for small-type distribution boards with 18 modules per row
PE+N x cross section
8 x 25 mm², 32 x 4 mm², Cu

KV Small-type distribution boards
Accessories

KV NP 16 **PE and N terminal**

screw-type terminal
for retrofitting in KV-Small-type distribution boards KV 01.. / KV 02..
PE+N x cross section
16 x 16 mm², Cu

KV NP 32 **PE and N terminal**

screw-type terminal
for retrofitting in KV-Small-type distribution boards KV 01.. / KV 02..
PE+N x cross section
32 x 16 mm², Cu

KG PN 01 **PE and N terminal**

screw-type terminal
for KG 9001
PE+N x cross section
3 x 25 mm², 3 x 4 mm², Cu

KG PN 02 **PE and N terminal**

screw-type terminal
for KG 9002
PE+N x cross section
3 x 25 mm², 5 x 4 mm², Cu

KG PN 03 **PE and N terminal**

screw-type terminal
for KG 9003
PE+N x cross section
4 x 25 mm², 7 x 4 mm², Cu

FC BS 5 **FIXCONNECT labelling system**

Labelling system for FIXCONNECT terminals,
not for plug-in terminals 2x25 + 4x4 mm²
for attaching of labelling strips or marking with felt tip pen
set with 5 pieces

FC BS 6 **FIXCONNECT labelling system**

Labelling system for FIXCONNECT terminals, for terminals 2x25 + 4x4 mm²
for attaching of labelling strips or marking with felt tip pen
set with 5 pieces

KV EB 03	Cable entry cover
	for small-type distribution boards with 3 modules for replacement purposes (1 cable entry cover included with supply of the board)

KV EB 04	Cable entry cover
	for small-type distribution boards with 4.5 modules for replacement purposes (1 cable entry cover included with supply of the board)

KV EB 06	Cable entry cover
	for small-type distribution boards with 6 modules for replacement purposes (1 cable entry cover included with supply of the board)

KV EB 09	Cable entry cover
	for small-type distribution boards with 9 modules for KV 9325, KV 9363 for replacement purposes (1 cable entry cover included with supply of the board)

KV EB 12	Cable entry cover
	for small-type distribution boards with 12 modules per row only order additionally if the cable entry should be covered at the top and bottom (1 cable entry cover included with supply of the board)

KV EB 18	Cable entry cover
	for small-type distribution boards with 18 modules per row only order additionally if the cable entry should be covered at the top and bottom (1 cable entry cover included with supply of the board)

KV EB 26	Cable entry cover
	for small-type distribution boards KV 0112, KV 0212, KV 0124, KV 0224, KV 0136, KV 0236 only order additionally if the cable entry should be covered at the top and bottom (1 cable entry cover included with supply of the board)

KV Small-type distribution boards
Accessories

KV ES 1	Locking device
	for small-type distribution boards 12 - 54 modules with profile cylinder lock with 2 keys

KV ES 2	Spare key
	for door lock KV ES 1 or KV ES 3 2 pieces

KV ES 3	Locking device
	for small-type distribution boards 3 - 9 modules for KV 9325, KV 9363 with profile cylinder lock with 2 keys

KV PL 2	Facility for sealing
	for small-type distribution boards 12 - 54 modules for sealing between top and bottom of board (doors can also be sealed without additional part)

KV PL 3	Facility for sealing
	for small-type distribution boards 3 - 9 modules **for KV 9325, KV 9363** for sealing between top and bottom of board (doors can also be sealed without additional part)

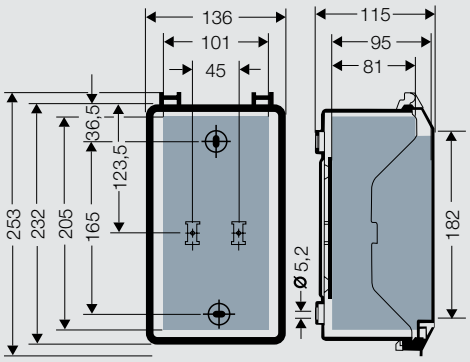
AS 12	Blanking strip
	for the covering of spare equipment openings, for material thickness up to 3 mm 12 modules: 18 mm each divisible every 9 mm colour: grey, RAL 7035

AS 18	Blanking strip
	for the covering of spare equipment openings, for material thickness up to 3 mm 18 modules: 18 mm each divisible every 9 mm colour: grey, RAL 7035

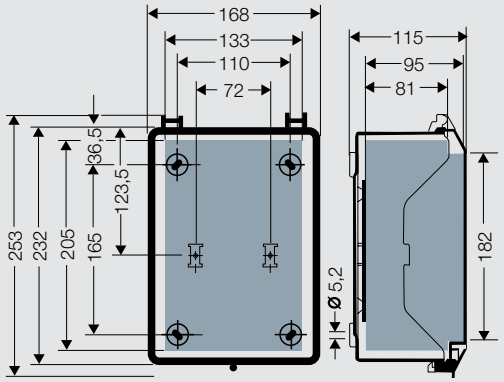
Detail dimensions in mm	154
Mounting dimensions in mm	155
Box assembly	156
Terminals	157-158
Standards	159
Operating and ambient conditions	160-161

Detail dimensions in mm

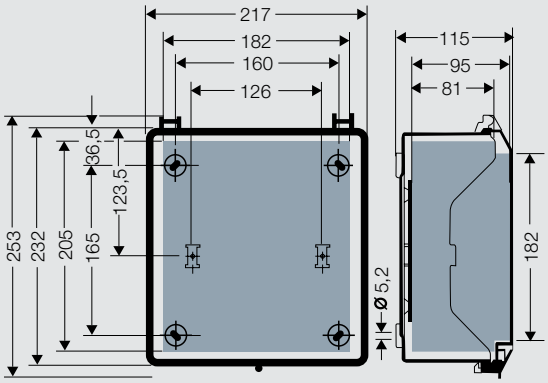
= usable installation space when cable glands are attached



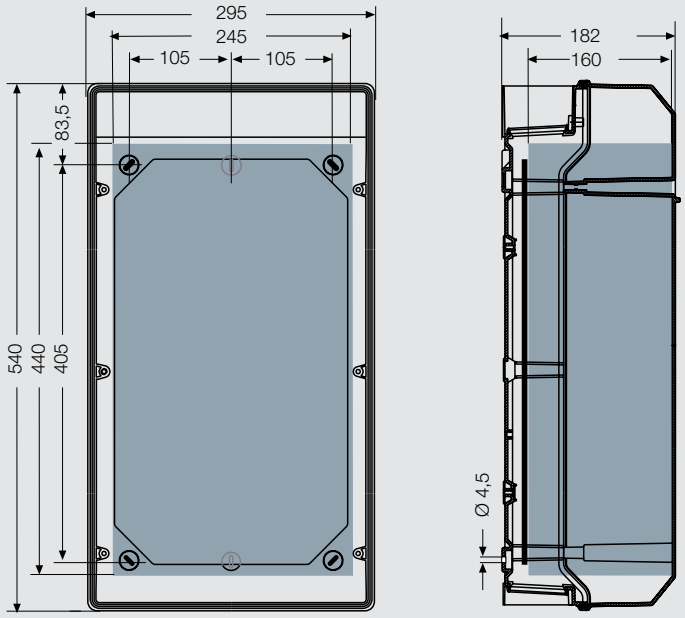
KG 9001



KG 9002



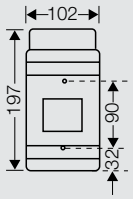
KG 9003



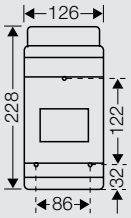
KV 9331

Mounting dimensions in mm

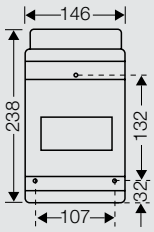
KV Circuit breaker boxes 3 modules



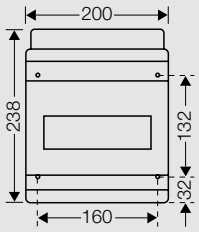
KV Circuit breaker boxes 4.5 modules



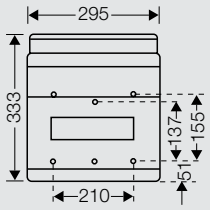
KV Circuit breaker boxes 6 modules



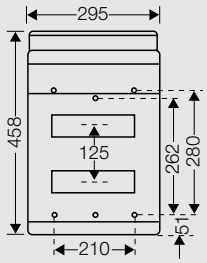
KV Circuit breaker boxes 9 modules



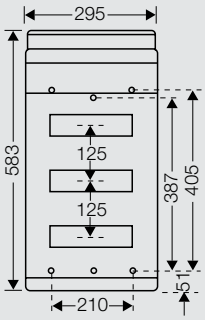
KV Circuit breaker boxes 12 modules



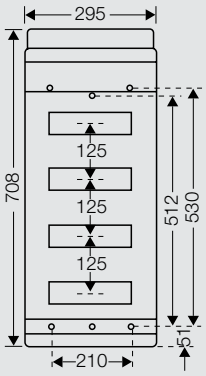
KV Circuit breaker boxes 2 x 12 modules



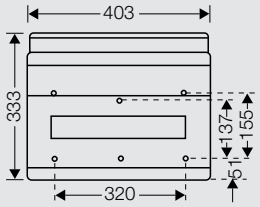
KV Circuit breaker boxes 3 x 12 modules



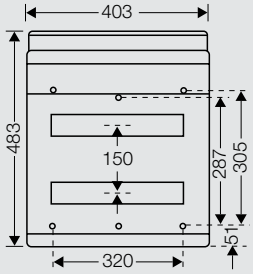
KV Circuit breaker boxes 4 x 12 modules



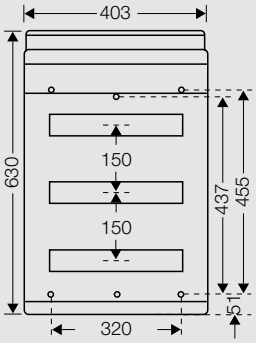
KV Circuit breaker boxes 18 modules

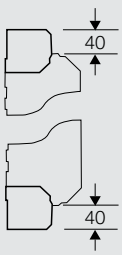


KV Circuit breaker boxes 2 x 18 modules



KV Circuit breaker boxes 3 x 18 modules



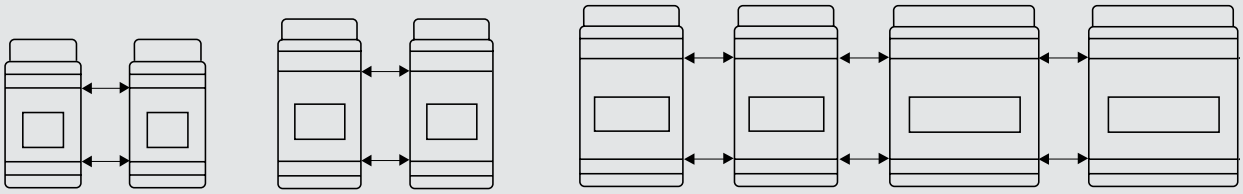


Cable entry cover for KV Circuit breaker boxes IP 54 and IP 65 with 12-54 modules mounted on top and the bottom

KV Small-type distribution boards
Technical details
Box assembly

KV Circuit breaker boxes can be assembled laterally as shown below:

- in degree of protection IP 65 with threaded connecting glands AVS 16
- in degree of protection IP 54 with press-in connecting glands EVS 16



KV Circuit breaker boxes 3 modules

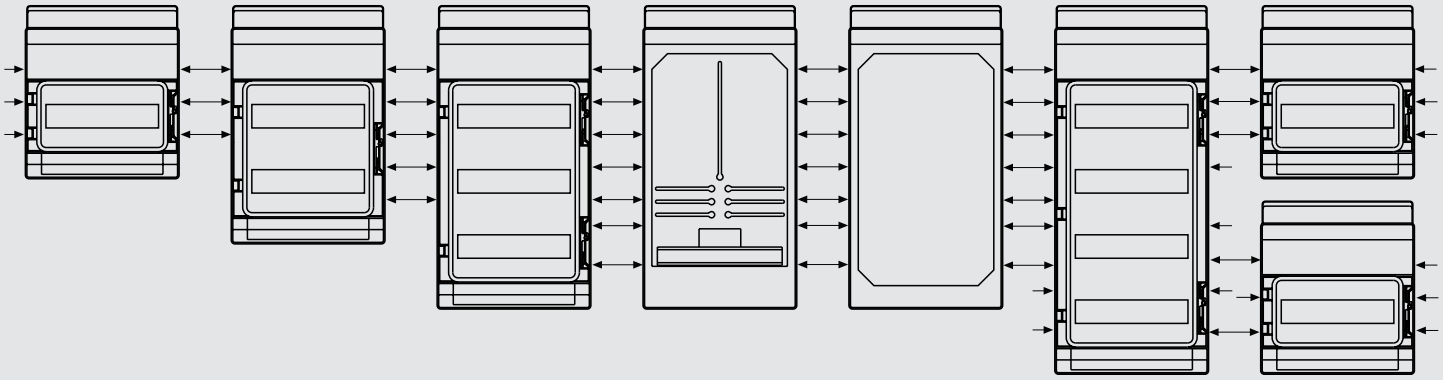
KV Circuit breaker boxes 4.5 modules

KV Circuit breaker boxes 6 modules

KV Circuit breaker boxes 9 modules

KV Circuit breaker / Meter and Empty boxes can be assembled laterally as shown below:

- in degree of protection IP 65 with threaded connecting glands AVS 16
- in degree of protection IP 54 with press-in connecting glands EVS 16



KV circuit breaker boxes 12 modules

KV circuit breaker boxes 2x12 modules, KV 9220, KV 9220 M

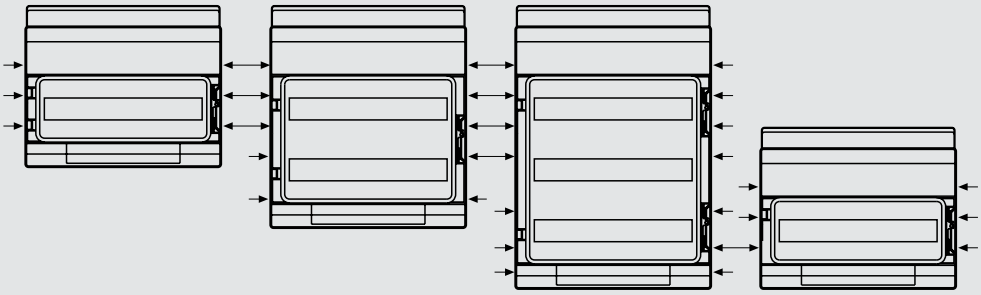
KV circuit breaker boxes 3x12 modules, KV 9330, KV 9330 M

KWH Meter boxes KV 9338 KV 9337

KV empty box 4x12 modules KV 9440, KV 9440 M

KV empty box 4x12 modules KV 9440 KV 9440 M

KV circuit breaker boxes 12 modules

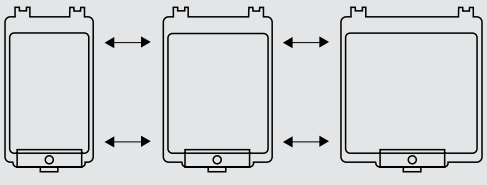


KV circuit breaker boxes 18 modules

KV circuit breaker boxes 2 x 18 modules, KV 9230, KV 9230 M

KV circuit breaker boxes 3 x 18 modules, KV 9350 KV 9350 M

KV circuit breaker boxes 18 modules



KG 9001

KG 9002

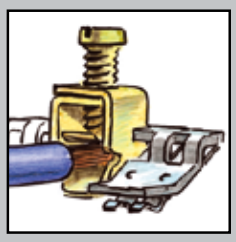
KG 9003

PE and N FIXCONNECT® terminal

Rated connecting capacity of PE and N terminals

Clamping unit

screw-type terminal
25 mm²



plug-in terminal
4 mm²

Current carrying capacity of the connecting device: 80 A
All terminals are secured against self loosening.

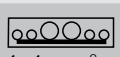
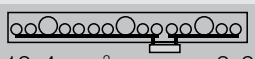
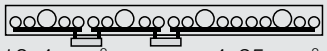
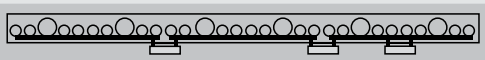
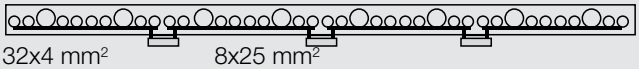
corresponding cross-sections/copper				
max. number	**from - to max.**		**max. number**	**from - to max.**
1	25 mm², s		1	25 mm², f
1	16 mm², s		1	16 mm², f
1	10 mm², sol		1	10 mm², f
3	6 mm², sol	Tested as connecting terminal for several conductors of the same cross-sections for using in one circuit	1	6 mm², f
3	4 mm², sol		1	4 mm², f
4	2.5 mm², sol		1	2.5 mm², f
4	1.5 mm², sol		1	1.5 mm², f
1	1.5 - 4 mm², sol		1	1.5 - 4 mm², f Without end ferrule; clamping unit has to be opened with a tool when conductor is inserted.

Terminal equipment and number of conductors to be connected

PE terminal

number of modules	PE terminal up to 4 mm²	up to 25 mm²
3	 4x4 mm²	1x25 mm²
4.5 6	 4x4 mm²	2x25 mm²
9	 8x4 mm²	2x25 mm²
12	 12x4 mm²	2x25 mm²
18	 16x4 mm²	4x25 mm²
24 36 (3-row) 48	 24x4 mm²	6x25 mm²
36 (2-row) 54	 32x4 mm²	8x25 mm²

N terminal

number of modules	N terminal up to 4 mm²	up to 25 mm²	plug-in jumper
3	 4x4 mm²	1x25 mm²	
4.5 6	 4x4 mm²	2x25 mm²	
9	 8x4 mm²	2x25 mm²	
12	 12x4 mm²	3x25 mm²	
18	 16x4 mm²	4x25 mm²	
24 36 (3-row) 48	 24x4 mm²	6x25 mm²	
36 (2-row) 54	 32x4 mm²	8x25 mm²	

KV circuit breaker boxes comply with the following standards and regulations

- IEC 60 439-3, EN 60 439-3,
  …low voltage switchgear and controlgear assemblies intended to be in places where unskilled persons have access to their use - distribution boards

- IEC 60 999, Connecting devices
  Safety requirements forscrew-type and screwless-type clamping units for electrical copper conductors

- EN 60 529
  Degrees of protection provided by enclosures (IP-Code)

Operating and ambient conditions	KV Small-type distribution boards		Cable entry systems	
	KV Small-type distribution boards and KWH Meter boxes	**Empty boxes**	**ESM ..., EVS 16**	**AVS 16**
Application area	**IP 54/65 design:** Suitable for indoor installation - normal environment and/or protected outdoor			
Ambient temperature - Average value over 24 hours - Maximum value - Minimum value	 + 35° C + 40° C – 5° C	 – + 60° C – 25° C	 + 35° C + 40° C – 25° C	 + 55° C + 70° C – 25° C
Relative humidity - short-time	50% at 40° C 100% at 25° C	— —	— —	— —
Fire protection in the case of internal faults	**Demands** placed on electrical devices from standards and laws **Minimum requirements** - Glow wire test in accordance with IEC 60 695-2-11: - 650° C for boxes and cable glands - 850° C for parts of insulating material necessary to retain current carrying parts in position			
Burning behaviour - Glow wire test IEC 60 695-2-11 - UL Subject 94	750° C V-2 flame-retardant self-extinguishing	750° C V-2 flame-retardant self-extinguishing	750° C – flame-retardant self-extinguishing	750° C V-2 flame-retardant self-extinguishing
Degree of protection against mechanical load	IK08 (5 Joule)	IK08 (5 Joule)	–	–
Toxic behaviour	halogen-free silicone-free		halogen-free silicone-free	halogen-free silicone-free

“Halogen-free” in accordance with IEC 754-2 “Common test methods for cables - Determination of the amount of halogen acid gas”.

To material properties see technical data.

Operating and ambient conditions	KV PC..
Application area	**KV PC- are suitable for the outdoor installation - harsh environment and / or outdoor.** However the climatic influences and effects on the equipment are to be considered. [1)]
Ambient temperature - Average value over 24 hours - Maximum value - Minimum value	 + 35° C + 40° C - 5° C
Relative humidity - short-time	50% at 40° C 100% at 25° C
Fire protection in the event of internal faults	**Demands** placed on electrical devices from standards and laws **Minimum requirements** - Glow wire test in accordance with IEC 60 695-2-11: - 650° C for boxes and cable glands - 850° C for conducting components
Fire protection **in the event of** **specific risks or hazards**	**Demands** placed on electrical installations and devices in areas and facilities subject to fire risk, e.g. DIN VDE 0100 Part 482, official regulations, VdS directives **Minimum requirements** - Glow wire test in accordance with IEC 60 695-2-11: - 850° C for boxes and cable glands - 850° C for cavity wall installation - Use of fire resistant cables
Burning behaviour - Glow wire test IEC 60 695-2-11 - UL Subject 94	 960° C V-2 flame-retardant self-extinguishing
Degree of protection against mechanical load	IK 08 (5 Joule)
Toxic behaviour	halogen-free [2)] silicone-free

1) Supplementing references regarding outdoor installation - harsh environment and / or outdoor:
- **The materials used for the Mi System are basically UV resistant, so that the mechanical resistance of the boxes is maintained during UV effect.**
  Depending on the intensity of the UV effect e.g. transparent lids can become intransparent.
- **The top side of the boxes should be protected by a cover against weather influences such as rains, ice and snow.**
- **Further on, also chemical influences have to be considered with the selection of the installation place - apart from the IP rating and climatic effects.**
- **In order to keep the maximum permissible ambient temperature of the installed equipment as well as for the prevention from condensation additional measures as ventilation and/or heating may be necessary.**

2) "Halogen-free" in accordance with IEC 754-2 "Common test methods for cables - Determination of the amount of halogen acid gas".