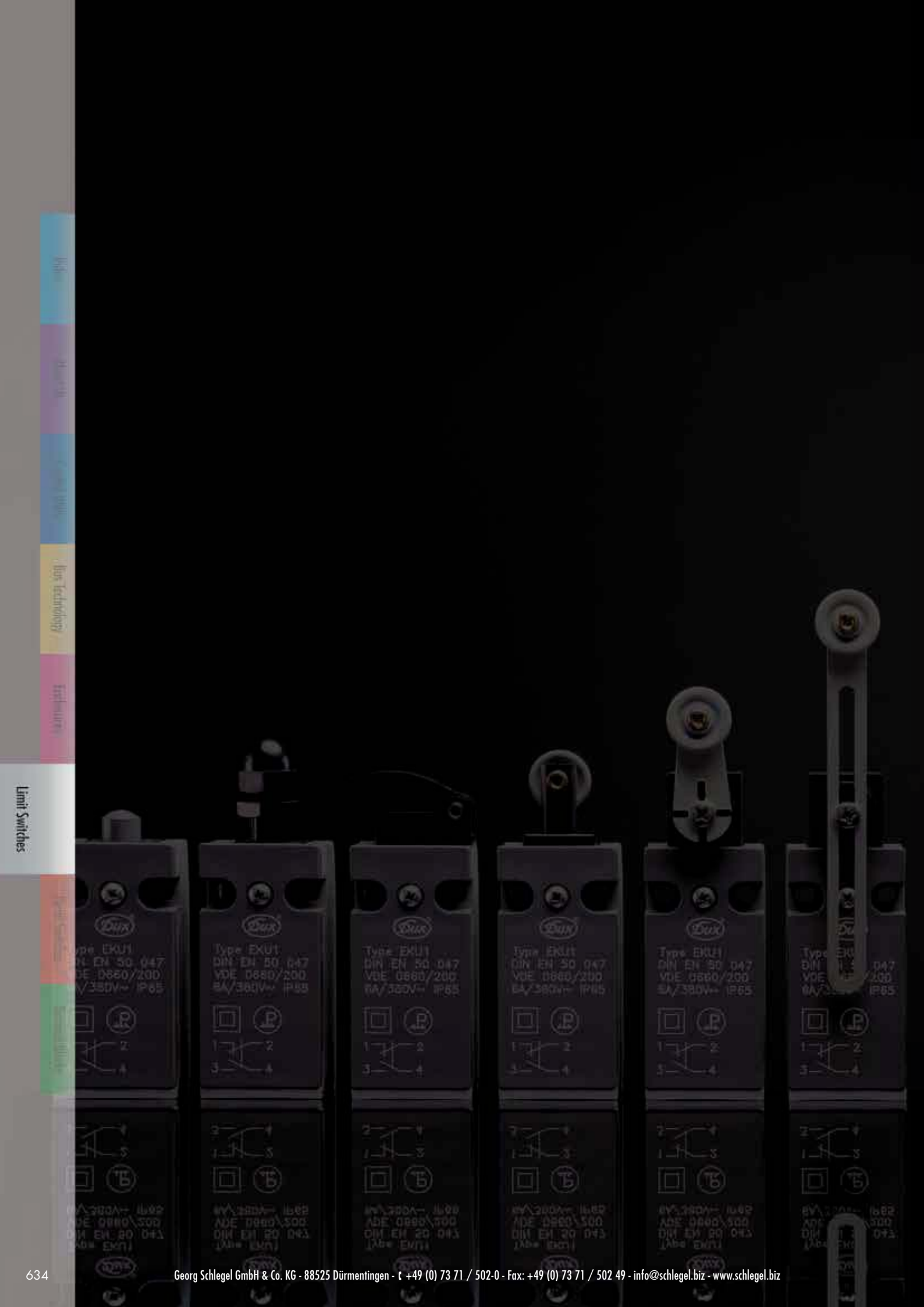

Type EKU1
DIN EN 50 047
VDE 0660/200
6A/380V~ IP65

Limit switches

Limit Switches



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Description

Definition
Limit switches are also dealt under position switches or limiting switches. However, behind all these terms hides a switchgear which is primarily used to protect man and machine.

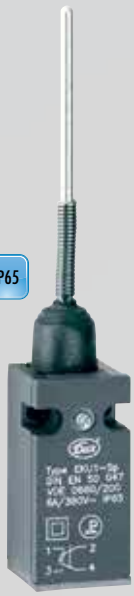
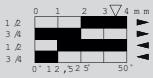
Characteristics of DUX Limit Switches
These limit switches offer quite a number of actuators to be selected depending on the required mode of operation. They are used in auxiliary and pilot circuits and are excellently suitable for the control and movement limitation, e.g. in machine tools and processing machines, lifts, conveyor systems, vehicles, cranes, technical building equipments as well as trigger switches in safety and alarm systems, and many more. The limit switches are available in various designs and materials and can such be used in different fields of application and environmental conditions. In order to meet the diverse equipment controlling requirements, a multitude of contact configurations can be implemented to provide optimal solutions for nearly all mechanical switching requirements. The variety of actuators, which are rotatable by 90°, providing high flexibility for each particular case of application.

Set-up and Operation of Limit Switches
Limit switch and plunger drive should only be used when the switching point is subject to a tight tolerance range. The actuation movement should preferably be in the same direction as the plunger movment. The limit switches are constructed in a way that they may in no case be used as a mechanical limit stop. The reset force for other movable actuating appliances (such as flaps, doors, etc.) must not be taken from the limit switch actuator, because it was only designed for the plunger reset of the limit switch. In order to guarantee an optimal switching action the max. operating angles of the different actuators must be observed. The cam of the respective machine must actuate the plunger only in the permissible level. The over-travel of the actuator may only be used as shown in the relative switch travel diagram. It is not permitted to shorten the working travel by operating the actuator in advance. The reset movement of the actuator must be guided by the return movement of the machine's cam, i.e. the actuator must not spring back freely to its original position.
The length of the actuating cam must be selected so that an actuating time with double safety is achieved. If e.g. the response time of the operated auxiliary contactor to its latching position is 15 ms, the min. actuating time of the limit switch should be 30 ms.

Limit Switch Mounting
Limit switches have to be mounted to be easy accessible and shock-resistant, following the a.m. instructions. To guarantee the specified degree of protection, the lid screws must be tightened evenly and the cable entry must be fixed appropriately according to the cable diameter.
The limit switches must be used under strict observance of the relative parameters and rules of application. Depending on the number of switching actuations and operating conditions, the operational reliability of the switches has to be checked regularly.switching actuations and operating conditions, the operational reliability of the switches has to be checked regularly.

Limit Switches - EKU Series

Operating and ambient conditions compliant to	DIN IEC 721-3-1..3 and DIN IEC 721-3-6
Degree of protection acc. to DIN 40050 IEC 144	IP 65
Fastening dimensions acc. to DIN EN 50047	2x M4
Contact base material	PA6
Transport, storage and operating temperature	-25°C up to +55°C
Screw clamp connection	M 3.5
Terminal cross-section	2x 0.75 ... 2.5 mm² solid, flexible multicore with ferrule 2x 0.75..1.5 mm²
Cable gland	M16x1.5
Operating speed on plunger	max. 0.25 m/s min. 1mm/s AC; min. 20mm/s DC
Mechanical life	1x10.000.000 switching cycles
Operating force on plunger	10N
Insulation group acc. to DIN VDE 110	C
Admissible on-load switching cycles	1200/h
Min. switching current using silver contacts	0.1A
with slow-action contact	0.012A
with snap-action contact	0.012A
Min. switching voltage using silver contacts	24V
Electrical life	5x 100.000 switching cycles AC 380V/1A DC 220V/0,2A
Max. rated current/AC	6A
Rated frequency	50....60Hz
Max. rated voltage	AC 380V DC 220V

	IP65	IP65	IP65	IP65	IP65	IP65
						
1NC + 1NO 	**EKU1-KST**	**EKU1-KD**		**EKU1-KG**	**EKU1-KH**	**EKU1-K**
1NC + 1NO snap action contact 	**EKU1-SPR-KST**	**EKU1-SPR-KD**	**EKU1-SPR-KFS**	**EKU1-SPR-KG**	**EKU1-SPR-KH**	**EKU1-SPR-KRH**
1NC + 1NO slow action contact 	**EKU1-FD-KST**	**EKU1-FD-KD**		**EKU1-FD-KG**	**EKU1-FD-KH**	

△ recommended operating travel

▲ positive opening

If you require a cable gland, just add „mKV" to type number (e.g. EKU1-KSTmKV).

The EKU series are also available for AS-Interface applications.

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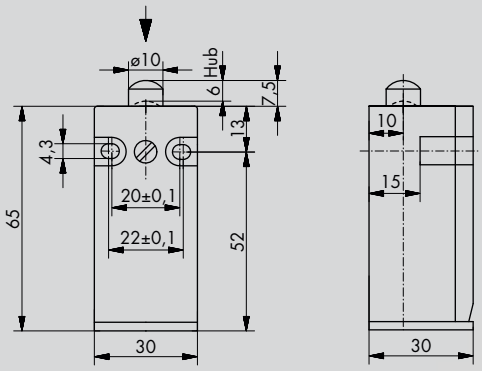
	IP65 	IP65 	IP65 	IP65 	IP65 	IP65 	IP65 	IP65 
RH	**EKU1-KRHV**	**EKU1-KK**	**EKU1-KDH**	**EKU1-KDF**	**EKU1-KR**	**EKU1-KV**	**EKU1-KW**	**EKU1-KZ**
PR-	**EKU1-SPR-KRHV**	**EKU1-SPR-KK**	**EKU1-SPR-KDH**	**EKU1-SPR-KDF**	**EKU1-SPR-KR**	**EKU1-SPR-KV**	**EKU1-SPR-KW**	
		EKU1-FD-KK			**EKU1-FD-KR**	**EKU1-FD-KV**	**EKU1-FD-KW**	

EKU1-KST
EKU1-FD-KST
EKU1-SPR-KST



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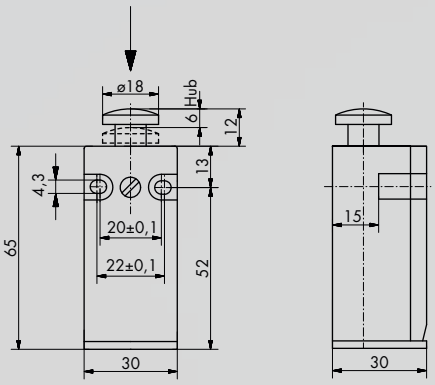
EKU1-FD-KD



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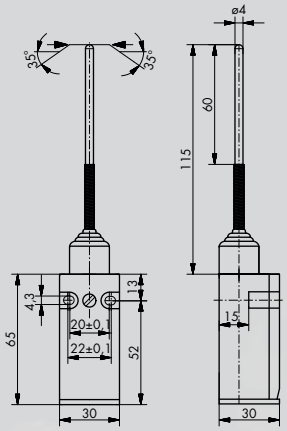

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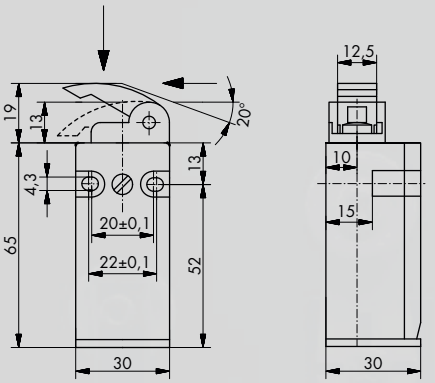
EKU1-FD-KG



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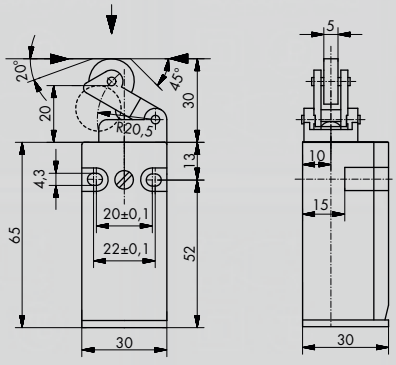
EKU1-SPR-KH
EKU1-FD-KH



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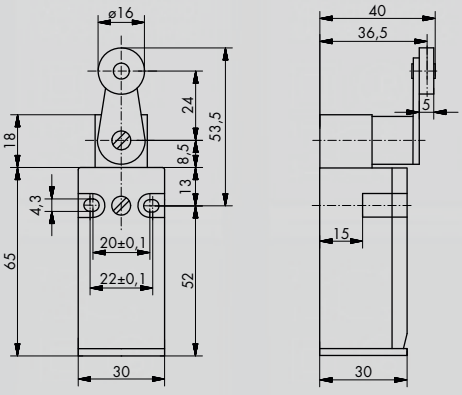
EKU1-SPR-KRH



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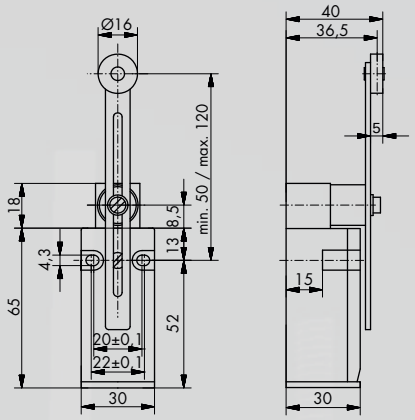
EKU1-KRHV
EKU1-SPR-KRHV



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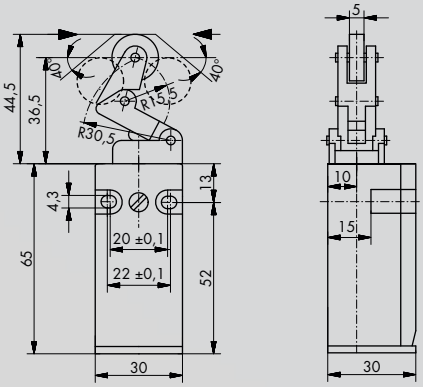
EKU1-SPR-KK
EKU1-FD-KK



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EKU1-SPR-KDH
EKU1-KDF
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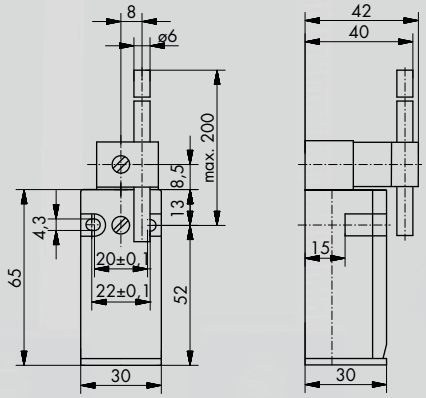

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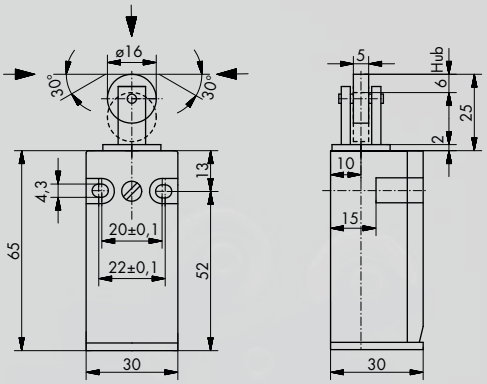
EKU1-SPR-KR
EKU1-FD-KR



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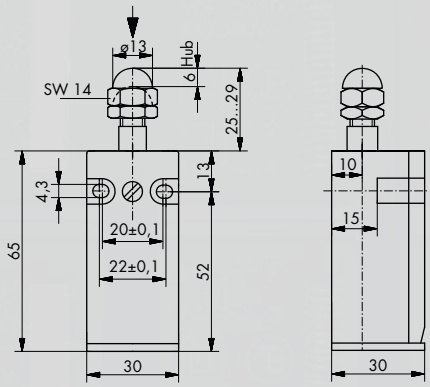
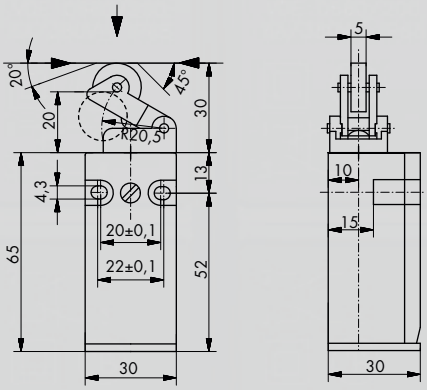
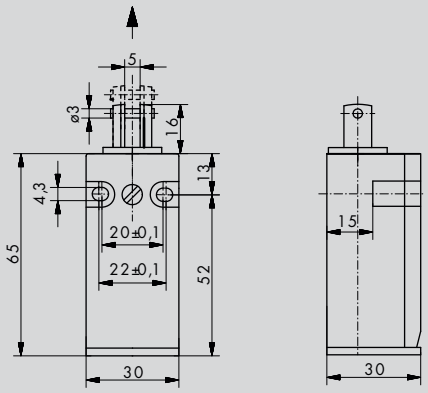
EKU1-SPR-KV
EKU1-FD-KV



EKU1-KW
EKU1-SPR-KW
EKU1-FD-KW



EKU1-KZ



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Due to the flexible AS-Interface network structure, the DUX limit switches designed for AS-Interface application can be connected in any position. Each limit switch acts as a separate node with individual address within the AS-Interface network.
switching actuations and operating conditions, the operational reliability of the switches has to be checked regularly.

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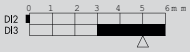
Technical Data of Limit Switches for AS-Interface Application

Communication	
- AS-Interface specification:	V2.11, Rev. 1
- Slave profile:	S-B.A.E
- Connection:	4-pole sensor connector M12x1, contact 1is assigned to ASI+ and contact 3 to ASI-
- Max. network length:	100m (without repeater)
- Max. cycle time:	10ms (62 A/B slaves)
Ambient Conditions	
- Transport-, storage- and Operating temperature:	-25°C ... +55°C
Mechanical Data	
- Operating travel:	6mm
Electrical Data	
- Voltage supply:	26.5...31.6 V, through the AS-Interface line
Total power consumption:	<= 30 mA
- Reverse polarity protection:	available
Admissible on-load switching cycles:	1200/h
Mechanical life:	10 mill. switching cycles
Operating force on plunger	10 N
Actuators:	exchangeable and rotatable by 90°
Degree of protection acc. to DIN 40050:	IP65
Construction:	compliant to VDE 0660/200
Ambient conditions acc. to DIN IEC 721-3-3	stationary use at weatherproof locations 3D6/3Z2/3Z10/3B2/3C2/3S3/3M6

	IP65	IP65	IP65	IP65	IP65	IP65
						
1NC + 1NO 	**ASI_EKU1-KST**	**ASI_EKU1-KD**		**ASI_EKU1-KG**	**ASI_EKU1-KH**	**ASI_EKU1**
1NC + 1NO snap action contact 	**ASI_EKU1-SPR-KST**	**ASI_EKU1-SPR-KD**	**ASI_EKU1-SPR-KFS**	**ASI_EKU1-SPR-KG**	**ASI_EKU1-SPR-KH**	**ASI_EKU1-KRH**

△ recommended operating travel

▲ positive opening

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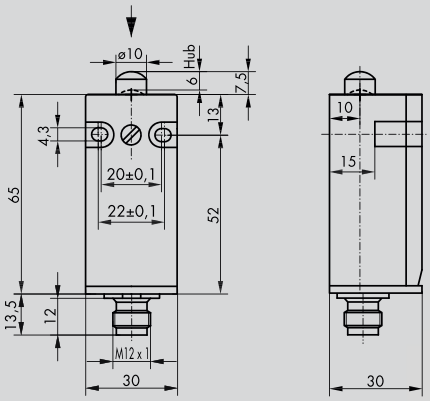
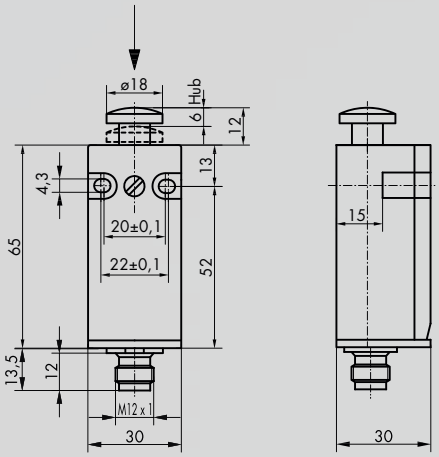
-KRH	ASI_EKU1-KRHV	ASI_EKU1-KK	ASI_EKU1-KDH	ASI_EKU1-KDF	ASI_EKU1-KR	ASI_EKU1-KV	ASI_EKU1-KW	ASI_EKU1-KZ
-SPR-	ASI_EKU1-SPR-KRHV	ASI_EKU1-SPR-KK	ASI_EKU1-SPR-KDH	ASI_EKU1-SPR-KDF	ASI_EKU1-SPR-KR	ASI_EKU1-SPR-KV	ASI_EKU1-SPR-KW	

ASI_EKU1-KST
ASI_EKU1-SPR-KST



ASI_EKU1-KD
ASI_EKU1-SPR-KD



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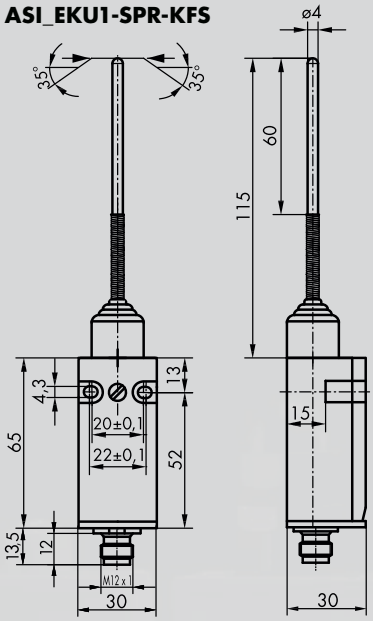
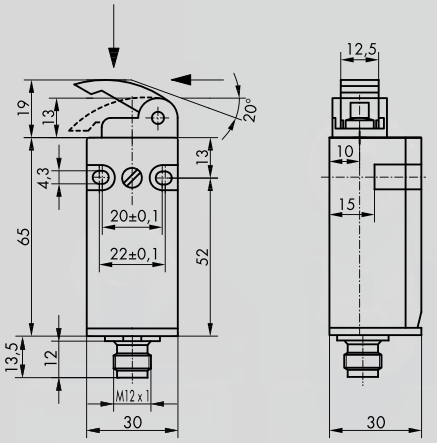


ASI_EKU1-KG
ASI_EKU1-SPR-KG



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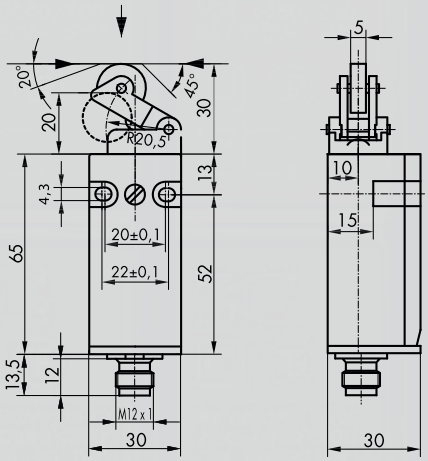
ASI_EKU1-SPR-KH



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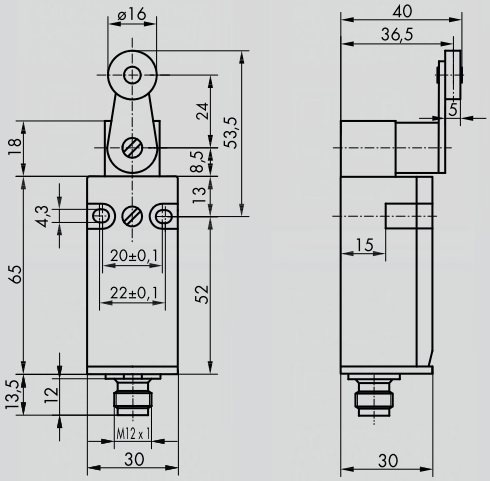

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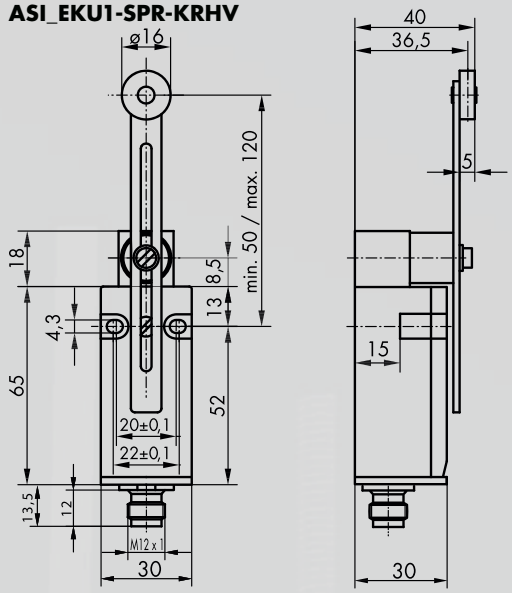
ASI_EKU1-KRHV
ASI_EKU1-SPR-KRHV



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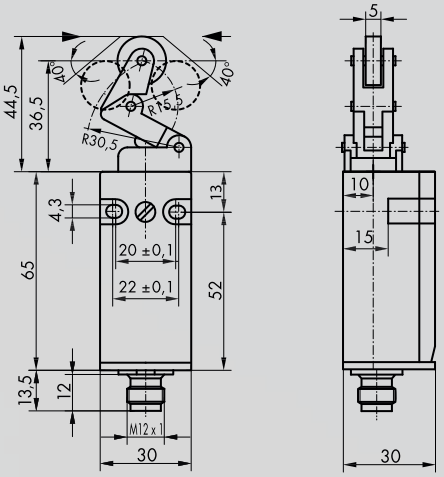

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ASI_EKU1-KDF
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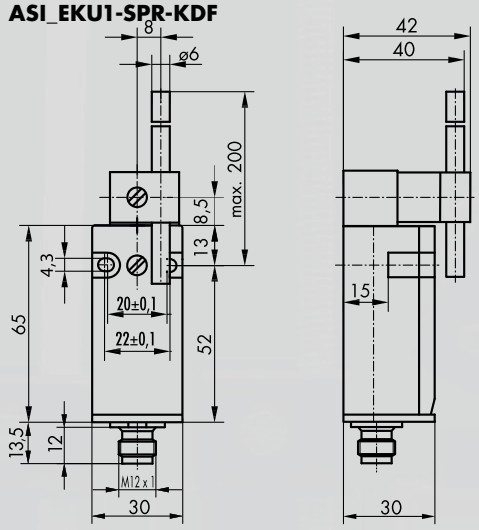

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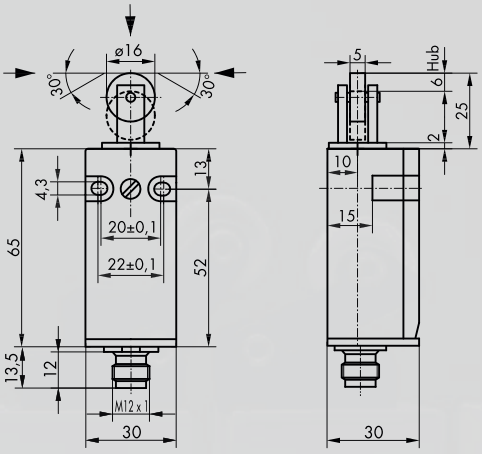

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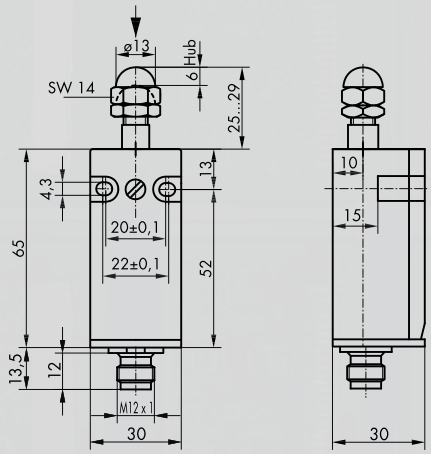

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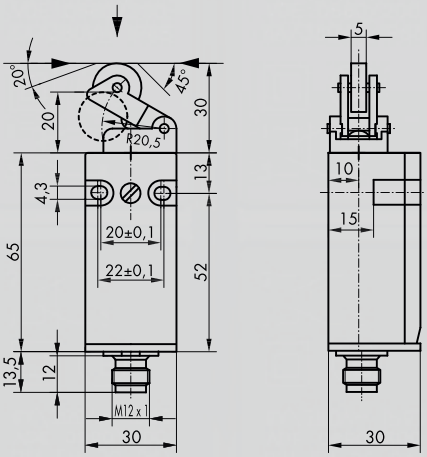

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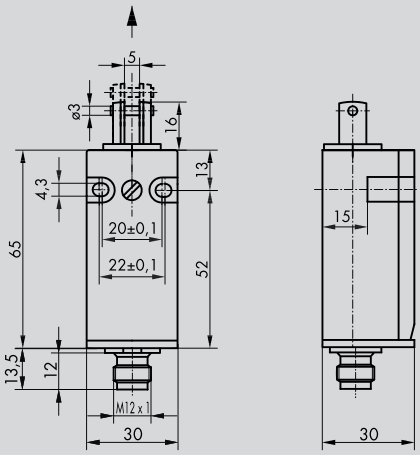

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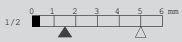
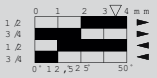
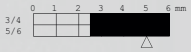
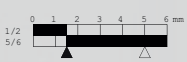
Limit Switches - K... Series

Type approval	GL
Operating and ambient conditions compliant to	DIN IEC 721-3-1..3 and DIN IEC 721-3-6
Degree of protection acc. to DIN 40050 IEC 144	IP 65
Contact base material	PA6
Transport, storage and operating temperature	-25°C up to +55°C
Screw clamp connection	M 3.5
Terminal cross-section	2x 0.75 ... 2.5 mm² solid, flexible multicore with ferrule 2x 0.75..1.5 mm²
Operating speed on plunger	max. 0.25 m/s min. 1mm/s AC; min. 20mm/s DC
Mechanical life	1x10.000.000 switching cycles
Operating force on plunger	10N
Insulation group acc. to DIN VDE 110	C
Admissible on-load switching cycles	1200/h
Min.switching current using silver contacts	0.1A
with slow-action contact	0.012A
with snap-action contact	0.012A
Min.switching voltage using silver contacts	24V
Electrical life	5x 100.000 switching cycles AC 380V/1A DC 220V/0,2A
Max.rated current/ AC	6A
Rated frequency	50....60Hz
Max.rated voltage	AC 380V DC 220V

	IP65	IP65	IP65	IP65
				
1NC 	**KA1**	**KA1-D**		**KA1-G**
1NC + 1NO 	**KU1**	**KU1-D**		**KU1-G**
1NC + 1NO (overlapping) 	**KÜ1**	**KÜ1-D**		**KÜ1-G**
1NC + 1NO slow action contact 	**KU1-FD**	**KU1-FD-D**		**KU1-FD-G**
1NC + 1NO snap action contact 	**KU1-SP**	**KU1-SP-D**	**KU1-SP-FS**	**KU1-SP-G**
2NC 	**KA2**	**KA2-D**		**KA2-G**
2NC + 1NO 	**KA2-E1**	**KA2-E1-D**		**KA2-E1-G**
2NO 	**KE2**	**KE2-D**		**KE2-G**
1NC + 2NO 	**KE2-A1**	**KE2-A1-D**		**KE2-A1-G**
1NC + 1NO slow action contact 	**KA1-E1-FD**	**KA1-E1-FD-D**		**KA1-E1-FD-G**

△ recommended operating travel

▲ positive opening

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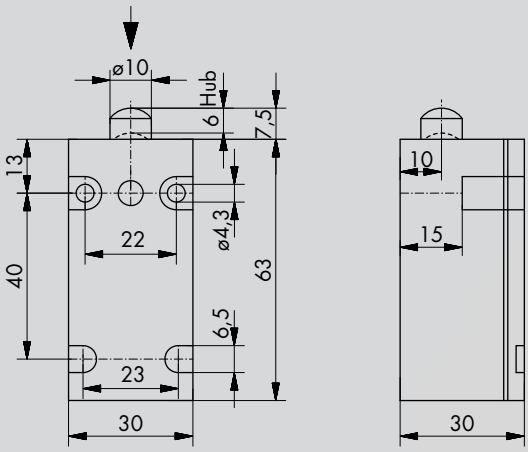
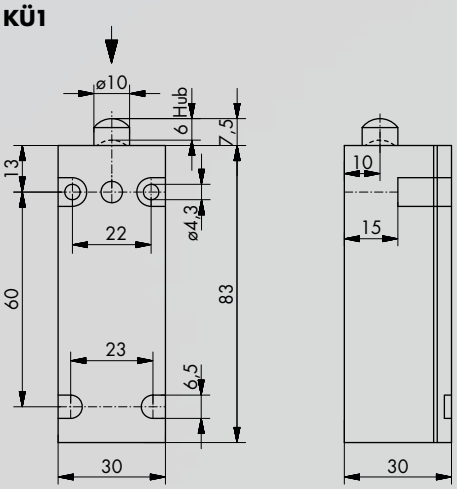
IP65 	IP65 	IP65 	IP65 	IP65 	IP65 
KA1-H	**KA1-K**	**KA1-R**	**KA1-V**	**KA1-W**	
KU1-H	**KU1-K**	**KU1-R**	**KU1-V**	**KU1-W**	**KU1-Z**
KÜ1-H	**KÜ1-K**	**KÜ1-R**	**KÜ1-V**	**KÜ1-W**	
KU1-FD-H	**KU1-FD-K**	**KU1-FD-R**	**KU1-FD-V**	**KU1-FD-W**	
KU1-SP-H	**KU1-SP-K**	**KU1-SP-R**	**KU1-SP-V**	**KU1-SP-W**	
KA2-H	**KA2-K**	**KA2-R**	**KA2-V**	**KA2-W**	
KA2-E1-H	**KA2-E1-K**	**KA2-E1-R**	**KA2-E1-V**	**KA2-E1-W**	
KE2-H	**KE2-K**	**KE2-R**	**KE2-V**	**KE2-W**	
KE2-A1-H	**KE2-A1-K**	**KE2-A1-R**	**KE2-A1-V**	**KE2-A1-W**	
KA1-E1-FD-H	**KA1-E1-FD-K**	**KA1-E1-FD-R**	**KA1-E1-FD-V**	**KA1-E1-FD-W**	

If you require a cable gland, just add „mKV" to type number (e.g. KA1mKV).
If you want to have the limit switches with **"GL approval"**, just add "T" in front of type number (e.g. T-KA1).

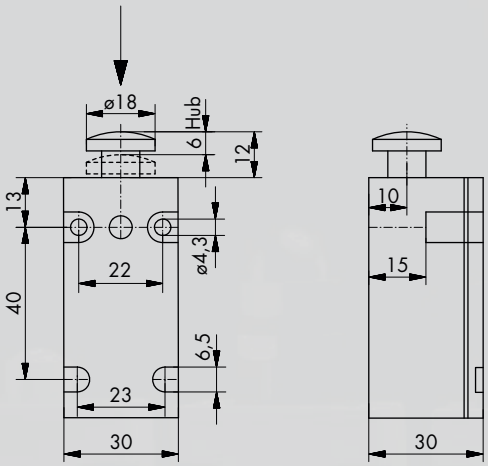
KA1
KU1
KU1-FD
KU1-SP



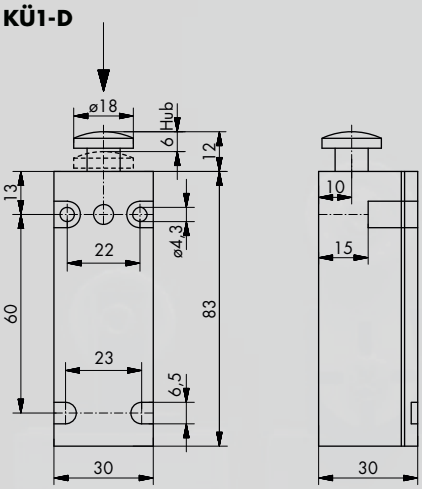
KA2
KA2-E1
KE2
KE2-A1
KA1-E1-FD
KÜ1



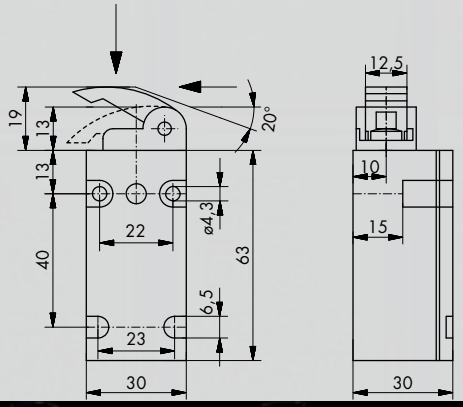
KA1-D
KU1-D
KU1-FD-D
KU1-SP-D



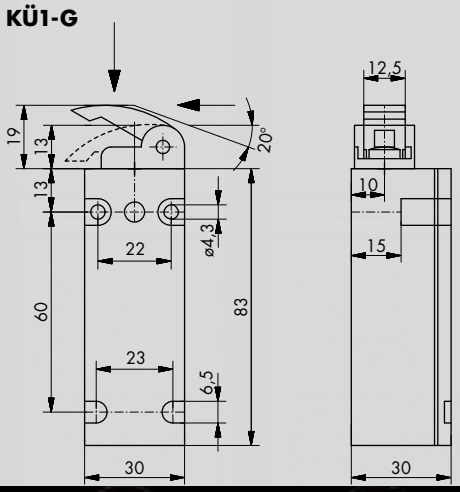
KA2-D
KA2-E1-D
KE2-D
KE2-A1-D
KA1-E1-FD-D
KÜ1-D



KA1-G
KU1-G
KU1-FD-G
KU1-SP-G



KA2-G
KA2-E1-G
KE2-G
KE2-A1-G
KA1-E1-FD-G
KÜ1-G



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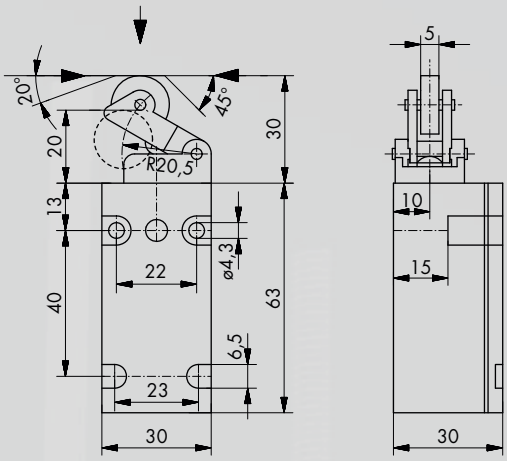
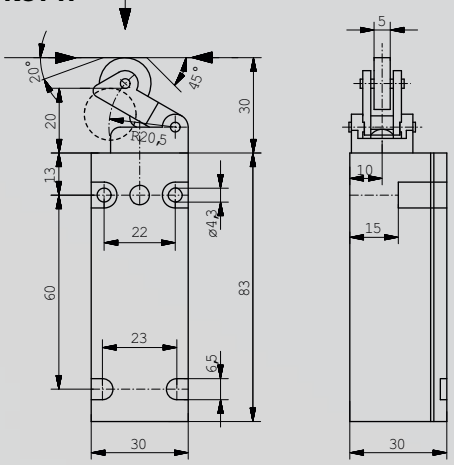
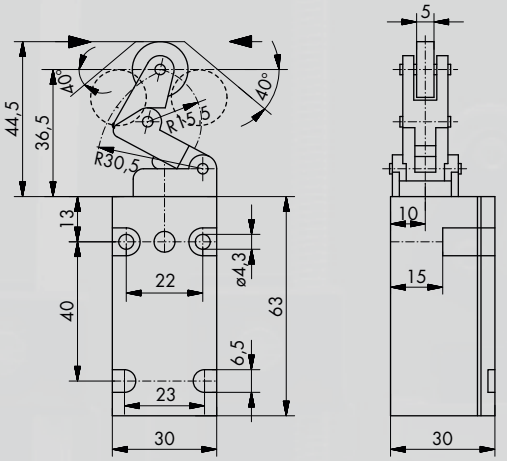
KA1-H
KU1-H
KU1-FD-H
KU1-SP-H



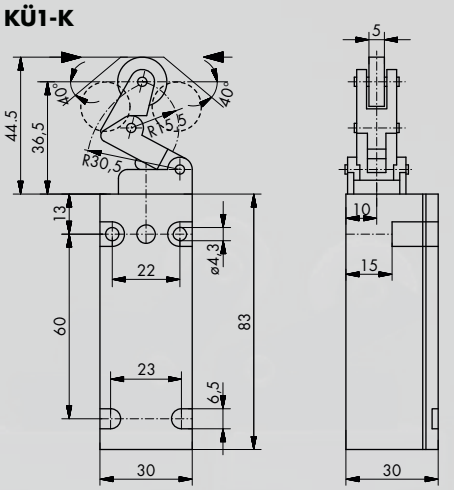
KA2-H
KA2-E1-H
KE2-H
KE2-A1-H
KA1-E1-FD-H
KÜ1-H



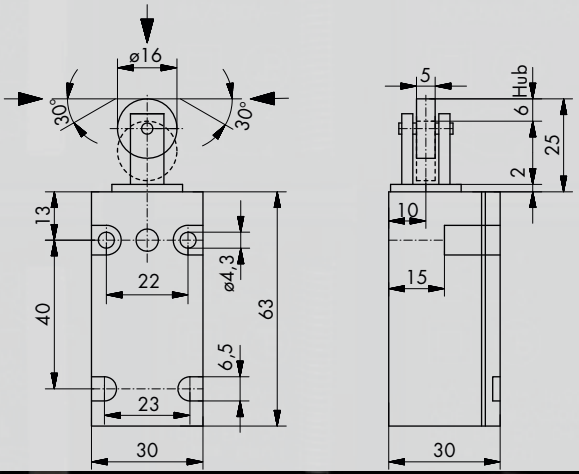
KA1-K
KU1-K
KU1-FD-K
KU1-SP-K



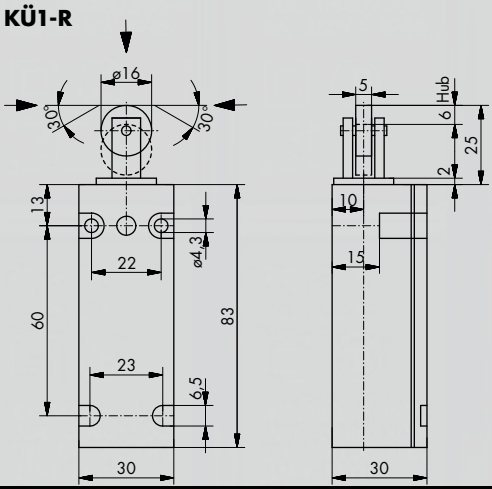
KA2-K
KA2-E1-K
KE2-K
KE2-A1-K
KA1-E1-FD-K
KÜ1-K



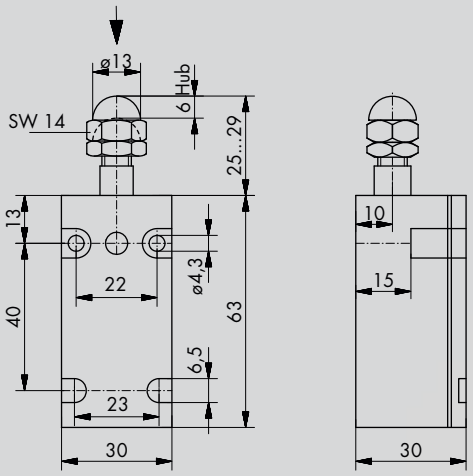
KA1-R
KU1-R
KU1-FD-R
KU1-SP-R



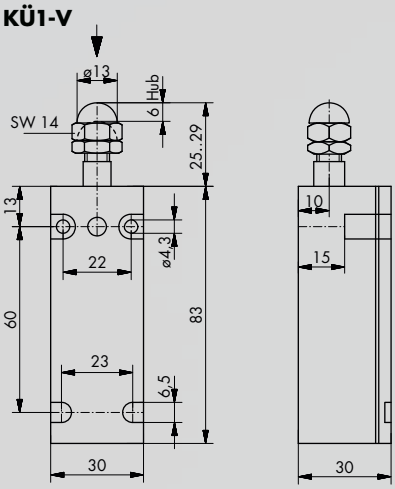
KA2-R
KA2-E1-R
KE2-R
KE2-A1-R
KA1-E1-FD-R
KÜ1-R



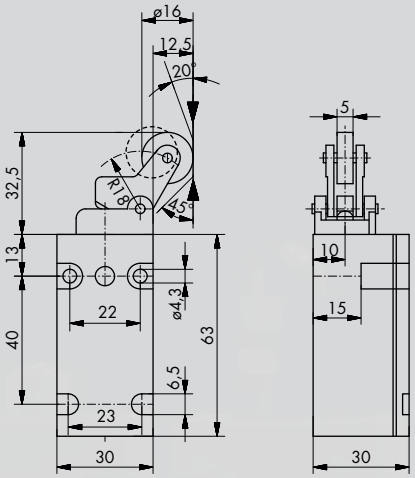
KA1-V
KU1-V
KU1-FD-V
KU1-SP-V



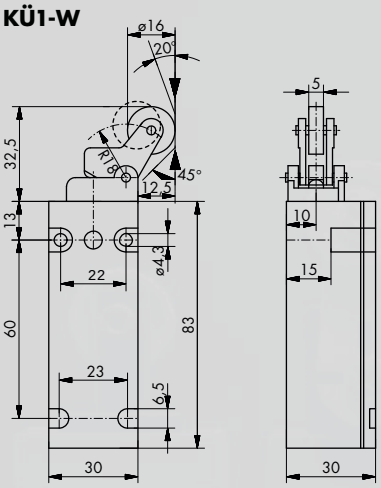
KA2-V
KA2-E1-V
KE2-V
KE2-A1-V
KA1-E1-FD-V
KÜ1-V



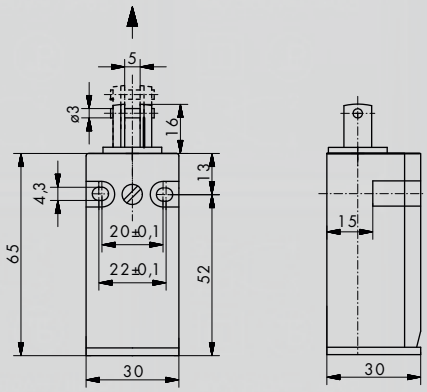
KA1-W
KU1-W
KU1-FD-W
KU1-SP-W



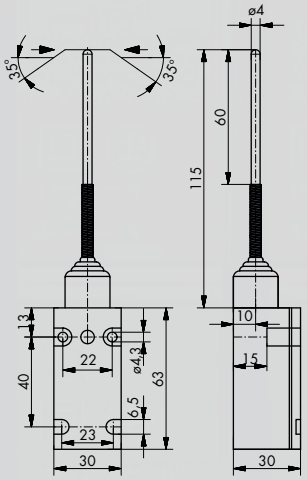
KA2-W
KA2-E1-W
KE2-W
KE2-A1-W
KA1-E1-FD-W
KÜ1-W



KU1-Z



KU1-SP-FS



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Limit Switches - GW...1 Standard Series

Type Approval	GL
Operating and ambient conditions compliant to	DIN IEC 721-3-1..3 and DIN IEC 721-3-6
Degree of protection acc. to DIN 40050 IEC 144	IP 65
Housing material	aluminium die casting
Transport, storage and operating temperature	-25°C up to +55°C
Screw clamp connection	M 4
Terminal cross-section	2x 0.75 ... 2.5 mm² solid, flexible multicore with ferrule 2x 0.75..1.5 mm²
Operating speed on plunger	max. 0.25 m/s min. 1mm/s AC; min. 20mm/s DC
Mechanical life	1x10.000.000 switching cycles
Operating force on plunger	18N
Insulation group acc. to DIN VDE 110	C
Admissible on-load switching cycles	1200/h
Min. switching current using silver contacts	0.1A
Min. switching voltage using silver contacts	24V
Electrical life	5x 100.000 switching cycles AC 380V/1A DC 220V/0,2A
Max. rated current/ AC	6A
Rated frequency	50....60Hz
Max. rated voltage	AC 380V DC 220V

Limit Switches - GW...2 Modular Series

Module type approval	--
Operating and ambient conditions compliant to	DIN IEC 721-3-1..3 and DIN IEC 721-3-6
Degree of protection acc. to DIN 40050 IEC 144	IP 65
Housing material	aluminium die casting
Contact base material	PA6.6
Transport, storage and operating temperature	-25°C up to +55°C
Screw clamp connection	Schlegel Modular Contact System
Screwless connection technology	CAGE CLAMP Modular Contact System
Operating speed on plunger	max. 0.25 m/s min 1mm/s AC min 20mm/s DC
Mechanical life	--
Operating force on plunger	18N
Admissible on-load switching cycles	1200/h

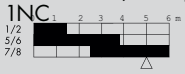
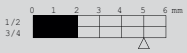
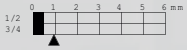
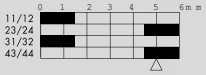
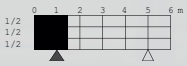
The possible combinations of the modular contact elements create a modular assembly system that offers a variant diversity which is unique. For instance, for connection workings the modular contact block can be freely removed from the housing, which makes wiring very easy.

Limit Switches - PW... Series

Operating and ambient conditions compliant to	DIN IEC 721-3-1..3
Degree of protection acc. to DIN 40050 IEC 144	IP 65
Housing material	PA6
Transport, storage and operating temperature	-25°C up to +55°C
Screw clamp connection	M 4
Terminal cross-section	2x 0.75 ... 2.5 mm² solid, flexible multicore with ferrule 2x 0.75..1.5 mm²
Operating speed on plunger	max. 0,25 m/s min. 1mm/s AC; min. 20mm/s DC
Mechanical life	1x10.000.000 switching cycles
Operating force on plunger	18N
Insulation group acc. to DIN VDE 110	C
Admissible on-load switching cycles	1200/h
Min.switching current using silver contacts	0.1A
Min.switching voltage using silver contacts	24V
Electrical life	5x 100.000 switching cycles AC 380V/1A DC 220V/0,2A
Max.rated current/ AC	6A
Rated frequency	50....60Hz
Max. rated voltage	AC 380V DC 220V

Limit Switches

GW/PW

	IP65 	IP65 	IP65 
1NC 	**GWA1** **PWA1**		**GWA1-H** **PWA1-H**
1NC + 1NO 	**GWU1** **PWU1**	**GWU1-D**	**GWU1-H** **PWU1-H**
1NC + 1NO (overlapping) 	**GWÜ1**	**GWÜ1-D**	**GWÜ1-H**
NC + 1NO (overlapping) + 1NC 	**GWÜA1**		**GWÜA1-H**
1NC + 1NO (overlapping) + 1NO 	**GWÜE1**		**GWÜE1-H**
2NC 	**GWA2**	**GWA2-D**	**GWA2-H**
2NC + 1NO 	**GWA2-E1**	**GWA2-E1-D**	**GWA2-E1-H**
2NC, positive opening contact 	**GWA2-Zw**		**GWA2-H-Zw**
2NC + 2NO 	**GWU2**	**GWU2-D**	**GWU2-H**
2NO 	**GWE2**	**GWE2-D**	**GWE2-H**
3NC 	**GWA3**	**GWA3-D**	**GWA3-H**
3NO 	**GWE3**	**GWE3-D**	**GWE3-H**

If you require a cable gland, just add „mKV" to type number (e.g. GWA1mKV).
If you want to have the limit switches with **"GL approval"**, just add "T" in front of type number (e.g. T-GWA1).

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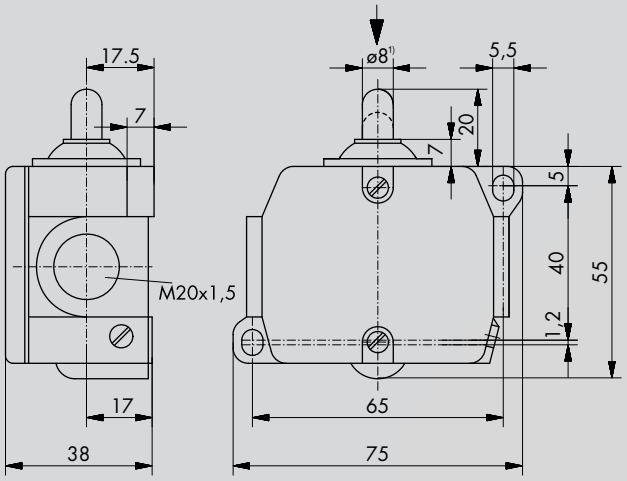
IP65	IP65	IP65	IP65
GWA1-R **PWA1-R**	**GWA1-V**		
GWU1-R **PWU1-R**	**GWU1-V**	**GWU1-F**	**GWU1-ZB** **PWU1-ZB**
GWÜ1-R	**GWÜ1-V**	**GWÜ1-F**	
GWÜA1-R			
GWÜE1-R			
GWA2-R	**GWA2-V**	**GWA2-F**	
GWA2-E1-H	**GWA2-E1-V**	**GWA2-E1-F**	
GWA2-R-Zw	**GWA2-V-Zw**		
GWU2-R	**GWU2-V**	**GWU2-F**	
GWE2-R	**GWE2-V**	**GWE2-F**	
GWA3-R	**GWA3-V**	**GWA3-F**	
GWE3-R	**GWE3-V**	**GWE3-F**	

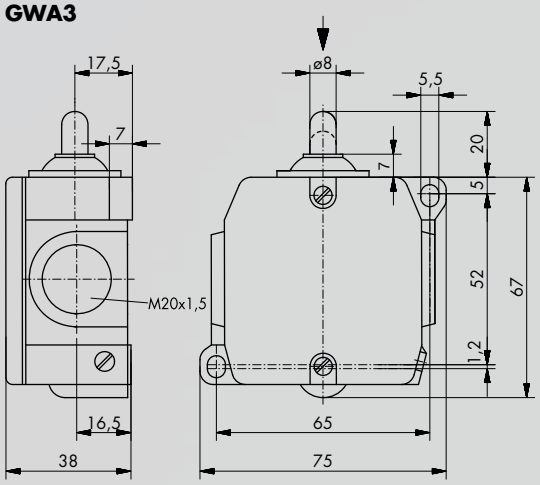
△ recommended operating travel

▲ positive opening

GWA1
GWU1
PWA1
PWU1

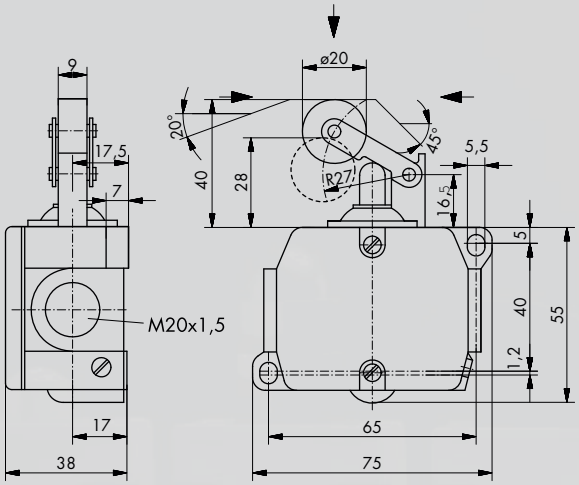


GWA2
GWA2-E1
GWA2-Zw
GWU2
GWE2
GWA3

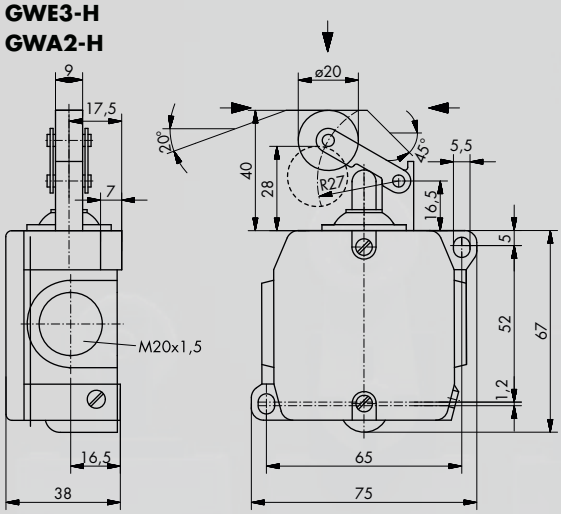


GWE3
GWÜ1
GWÜA1
GWÜE1

GWA1-H
GWU1-H
PWA1-H
PWU1-H

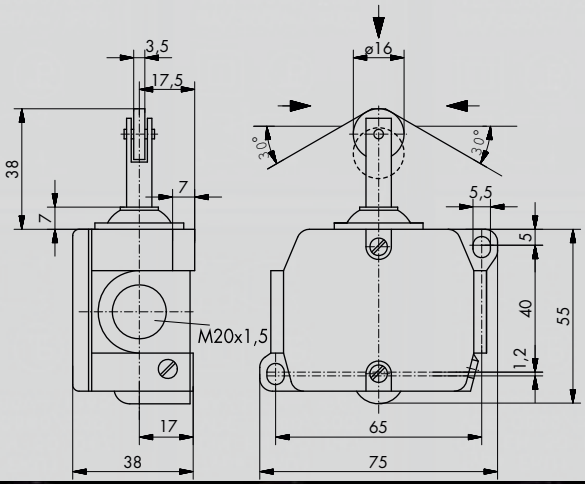


GWA2-H-Zw
GWU2-H
GWE2-H
GWA3-H
GWE3-H
GWA2-H

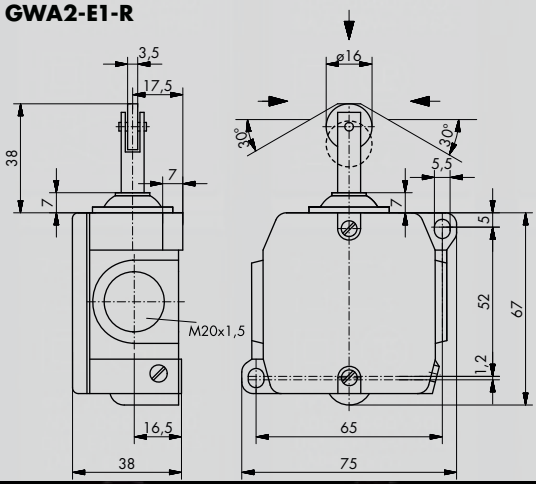


GWA2-E1-H
GWÜ1-H
GWÜA1-H
GWÜE1-H

GWA1-R
GWU1-R
PWA1-R
PWU1-R



GWA2-R
GWU2-R
GWE2-R
GWA3-R
GWE3-R
GWA2-E1-R



GWÜ1-R
GWÜA1-R
GWÜE1-R
GWA2-R-Zw

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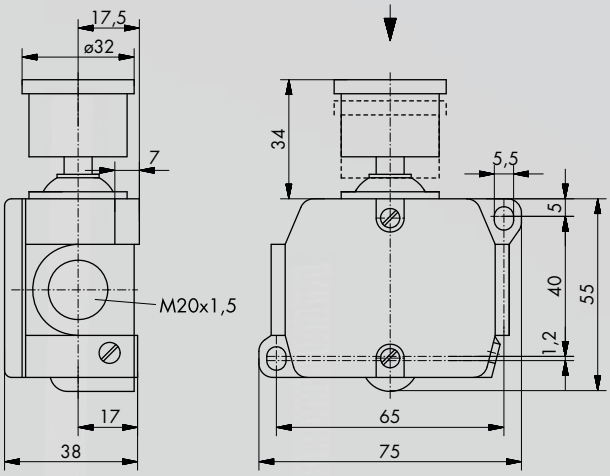
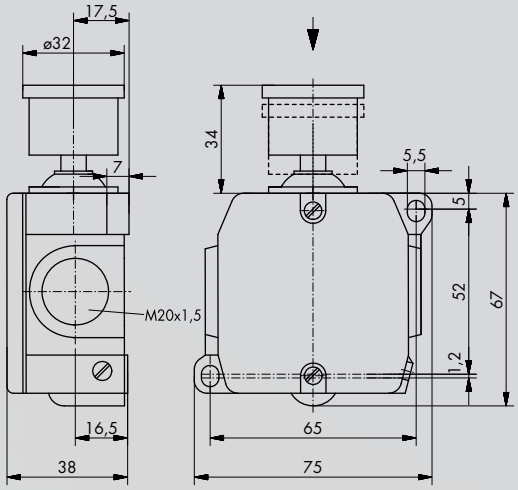
GWU1-D

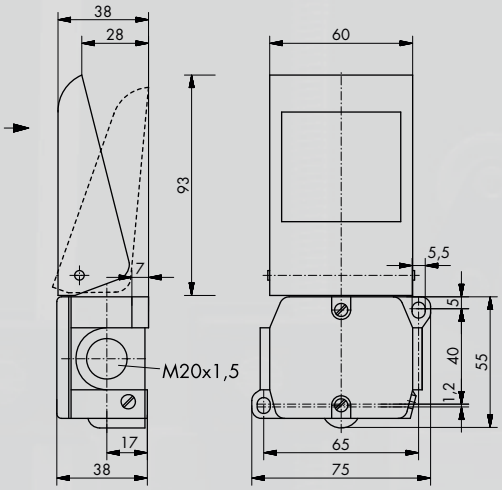


GWA2-D
GWU2-D
GWE2-D
GWE3-D

GWÜ1-D
GWA3-D
GWA2-E1-D

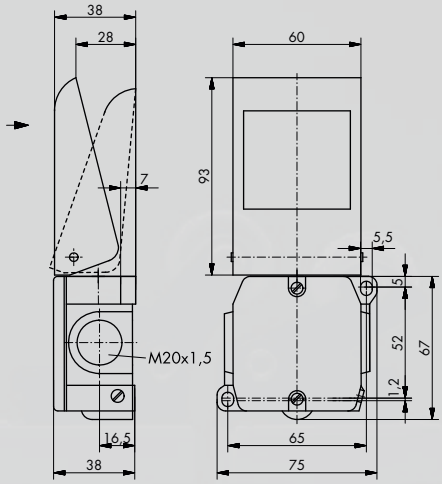


GWU1-F

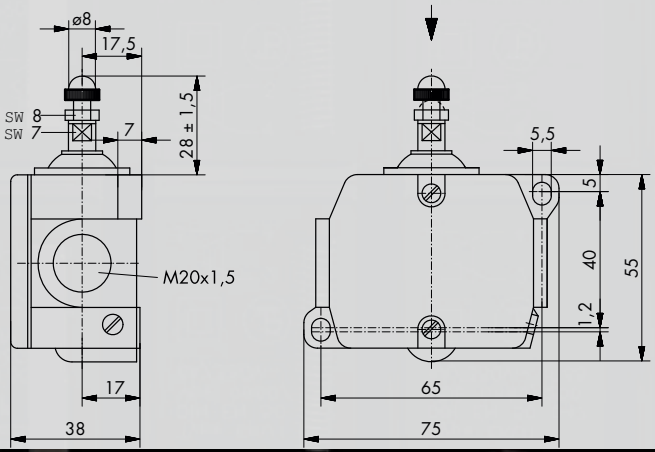


GWA2-F
GWU2-F
GWE2-F
GWA3-F
GWE3-F

GWÜ1-F
GWA2-E1-F

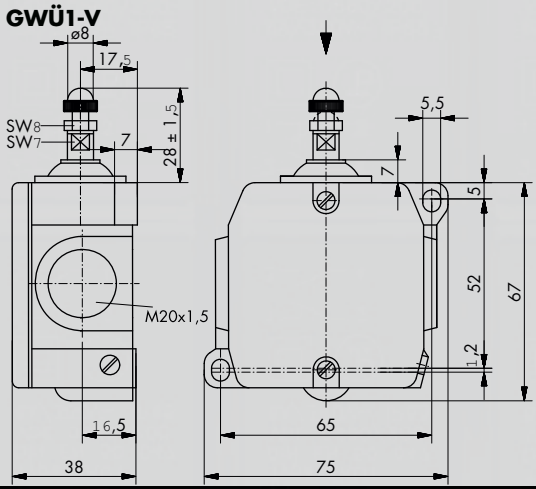


GWU1-V
GWA1-V

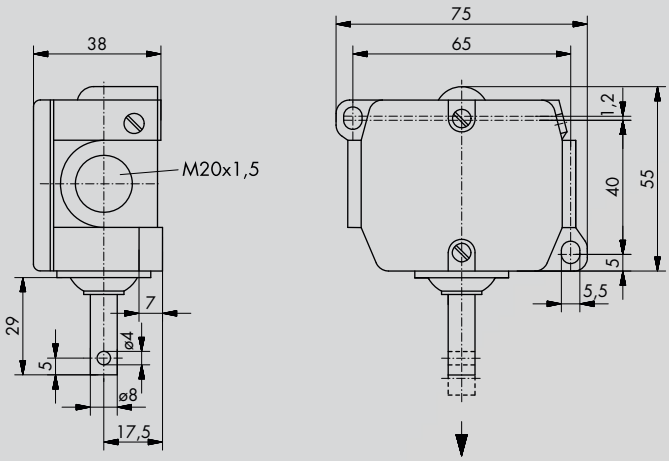


GWA2-V
GWA2-V-Zw
GWU2-V
GWE2-V
GWE3-V
GWÜ1-V

GWA2-E1-V
GWA3-V



GWU1-ZB
PWU1-ZB



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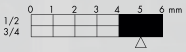
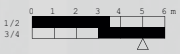
Limit Switches - O/P...Series

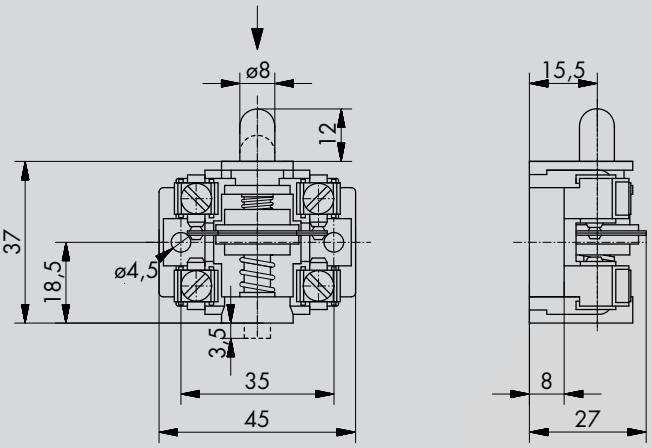
Operating and ambient conditions compliant to	DIN IEC 721-3-1..3
Degree of protection for P... series acc. to DIN 40050 IEC 144	IP 10
Degree of protection for O...series acc. to DIN 40050 IEC 144	IP 00
Contact base material	PA6
Cover material (only on P...series)	PC
Transport, storage and operating temperature	-25°C up to +55°C
Screw clamp connection	M 4
Terminal cross-section	2x 0.75 ... 2.5 mm² solid, flexible multicore with ferrule 2x 0.75..1.5 mm²
Operating speed on plunger	max. 0.25 m/s min. 1mm/s AC; min. 20mm/s DC
Mechanical life	1x10.000.000 switching cycles
Operating force on plunger	P1/O1=7N P2/O2=16N
Insulation group acc. to DIN VDE 110	C
Admissible on-load switching cycles	1200/h
Min.switching current using silver contacts	0.1A
Min.switching voltage using silver contacts	24V
Electrical life	5x 100.000 switching cycles AC 380V/1A DC 220V/0,2A
Max.rated current/AC	6A
Rated frequency	50....60Hz
Max.rated voltage	AC 380V DC 220V

	IP00	IP10	IP00	IP10
				
1NC + 1NO 	**OU1**	**PU1**	**OU1-R**	**PU1-R**
2NC 		**PA2**		**PA2-R**
2NO 		**PE2**		**PE2-R**
1NC + 1NO (overlapping) 		**PÜ1**		**PÜ1-R**

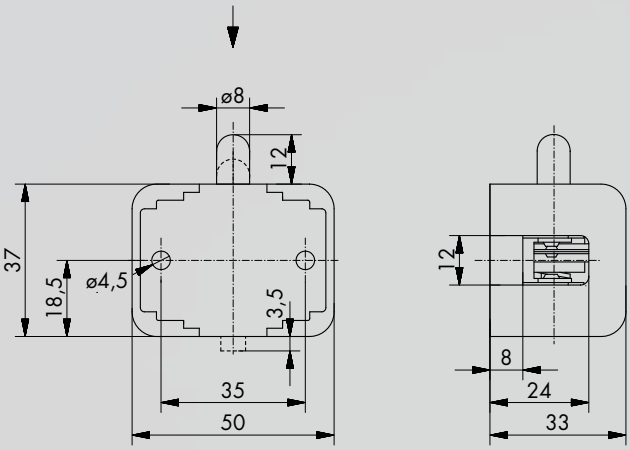
△ recommended operating travel

▲ positive opening

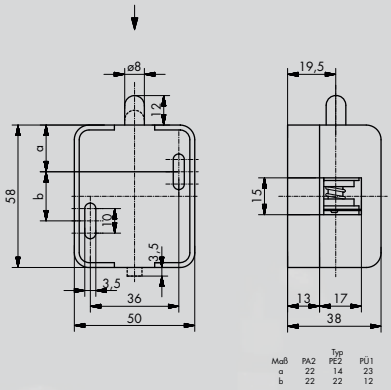
OU1



PU1

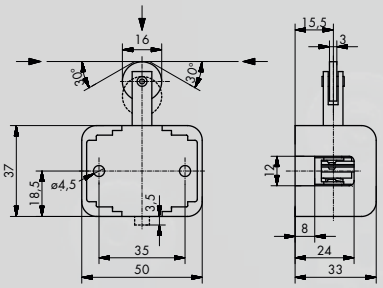


PA2
PE2
PÜ1

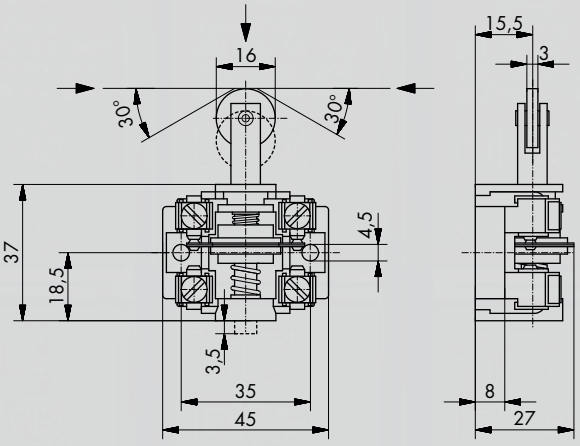


Typ	PA2	PE2	PÜ1
Maß			
a	22	14	23
b	22	22	12

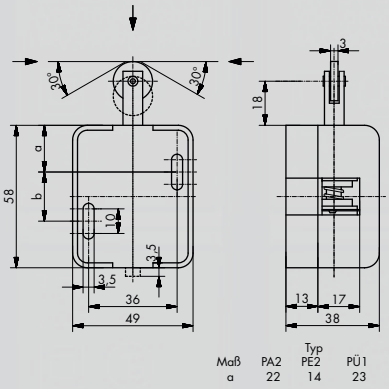
PU1-R



OU1-R



PA2-R
PE2-R
PÜ1-R



Typ	PA2	PE2	PÜ1
Maß			
a	22	14	23

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Illustration	Dimensions	Description	Type
		**Actuator: rotary lever with spring rod** for the EKU.. and K.. series	**KDF**
		**Actuator: rotary lever with fibreglass rod** for the EKU.. and K.. series	**KDH**
		**Actuator: sliding lever** for the EKU.. and K.. series	**KG**
		**Actuator: lever** for the EKU.. and K.. series	**KH**
		**Actuator: toggle lever** for the EKU.. and K.. series	**KK**
		**Actuator: short roller set lever** for the EKU.. and K.. series	**KRH**
		**Actuator: adjustable roller set lever** for the EKU.. and K.. series	**KRHV**

Limit Switches

Illustration	Dimensions	Description	Type
		**Actuator: angular lever** for the EKU.. and K.. limit switches	**KW**
		**Actuator: lever** for the GW.. series	**GWH**
		**Actuator: lever** für Baureihe PW	**PWH**
		**Dummy Plug** for the EKU series	**BS-EK**
		**cable feedthrough** for the K.. series	**KD-K**
		**Screwed cable gland with insulation displacement connection (IDC)** for the EKU... series	**SNT**
		**Cable Gland** M16x1.5 M20x1,5 M25x1,5	 **KV-M16x1,5** **KV-M20x1,5** **KV-M25x1,5**
		**Screw plug** M16x1,5 M20x1,5 M25x1,5	 **VS-M16x1,5** **VS-M20x1,5** **VS-M25x1,5**

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EKU1-SP
Type EKU1
DIN EN 50 047
VDE 0660/200
6A/380V~ IP65