56 Front mounting

Lever switch



The preview is based on a sample product. This can differ from your current configuration.

Additional Information

- Lever aluminium naturel anodized
- Two switching positions
- Switching action: 0-maintain
- 45° switching angle
- Switching element see technical data Series 04



Dimensions [mm]



Mounting cut-outs [mm]

 Equipment consisting of

 Lever
 Page 25

 Front bezel
 Page 25

 Sealing
 Sealing

 Bayonet flange
 Switching
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Each part listed below includes all the black components shown in the 3D-drawing.

To obtain a complete unit, please select the red components from the pages shown.

Part No.	Weight
704.107.1	0.314 kg



Front

Front bezel

Additional Information

• Special colours for front bezel on request

Product attribute	Colour	Front bezel	Part No.	Weight
Front bezel, t	front dimension 87 x 87 mn	n		
For single side indicator and single side pushbutton, front mounting	RAL 3020	Plastic red	56-2200	0.026 kg
	RAL 1023	Plastic yellow	56-2400	0.026 kg
	RAL 6024	Plastic green	56-2500	0.026 kg
	RAL 5017	Plastic blue 56-2600		0.026 kg
		Metal matt chrome	56-4600	0.085 kg
Front bezel, 1	front dimension Ø 87 mm			
For single side indicator and single	RAL 9017	Pastic black	56-1000	0.018 kg
button external	RAL 3020	Plastic red	56-1200	0.018 kg
	RAL 2003	Plastic orange	56-1300	0.018 kg
	RAL 1023	Plastic yellow	56-1400	0.018 kg
	RAL 6024	Plastic green	56-1500	0.018 kg
	RAL 5017	Plastic blue	56-1600	0.018 kg
	RAL 7043	Plastic darkgrey	56-1800	0.018 kg
	RAL 7040	Plastic lightgrey	56-1800A	0.018 kg
		Metal matt chrome	56-3600	0.07 kg

Front bezel internal

Additional Information

• For double side pushbutton

Dimension	Colour	Front bezel	Part No.	Weight
Front bezel i	nternal			
Ø 87 mm	RAL 3020	Plastic red	56-5200	0.09 kg
	RAL 2003	Plastic orange	56-5300	0.09 kg
	RAL 1023	Plastic yellow	56-5400	0.09 kg
	RAL 6024	Plastic green	56-5500	0.09 kg
	RAL 5017	Plastic blue	56-5600	0.09 kg
	RAL 7043	Plastic darkgrey	56-5800	0.09 kg
	RAL 7040	Plastic lightgrey	56-5800A	0.09 kg
		Metal matt chrome	56-7600	0.115 kg

Rear side

Switching element

Additional Information

For the third switching element the terminal mar-king insert is to be ordered separately •



Dimensions [mm] PIT = Push-in terminal, P3 = Plug-in terminal 6.3 x 0.8 mm, P4 = Double plug-in terminal 6.3 x 0.8 mm, X = Screw terminal

Switching voltage	Switching current	Switching system	Contacts	Contact material	Terminal	Part No.	Wiring diagram	Weight
s 🗞	witching elen	nent						
250 VAC	6 A	Snap-action switching element	1 NO	Gold	Push-in Terminal	704.907.1	3	0.02 kg
			1 NC	Gold	Push-in Terminal	704.907.2	1	0.02 kg
			2 NO	Gold	Push-in Terminal	704.907.3	5	0.027 kg
			2 NC	Gold	Push-in Terminal	704.907.4	4	0.027 kg
			1 NC + 1 NO	Gold	Push-in Terminal	704.907.5	2	0.027 kg
			1 NO	Silver	Push-in Terminal	704.908.1	3	0.02 kg
			1 NC	Silver	Push-in Terminal	704.908.2	1	0.02 kg
			2 NO	Silver	Push-in Terminal	704.908.3	5	0.027 kg
			2 NC	Silver	Push-in Terminal	704.908.4	4	0.027 kg
			1 NC + 1 NO	Silver	Push-in Terminal	704.908.5	2	0.027 kg

56 Accessories

Switching voltage	Switching current	Switching system	Contacts	Contact material	Terminal	Part No.	Wiring diagram	Weight
	Switching eler	nent						
250 VAC	6 A	Slow-make switching	1 NO	Gold	Push-in Terminal	704.917.1	3	0.019 kg
		element	1 NC	Gold	Push-in Terminal	704.917.2	1	0.019 kg
			2 NO	Gold	Push-in Terminal	704.917.3	5	0.026 kg
			2 NC	Gold	Push-in Terminal	704.917.4	4	0.019 kg
			1 NC + 1 NO	Gold	Push-in Terminal	704.917.5	2	0.026 kg
			1 NO	Silver	Push-in Terminal	704.918.1	3	0.019 kg
			1 NC	Silver	Push-in Terminal	704.918.2	1	0.019 kg
			2 NO	Silver	Push-in Terminal	704.918.3	5	0.026 kg
			2 NC	Silver	Push-in Terminal	704.918.4	4	0.019 kg
			1 NC + 1 NO	Silver	Push-in Terminal	704.918.5	2	0.026 kg
500 VAC	Switching eler	nent	1 NO 1 NC 2 NO 2 NC 1 NC + 1 NO	Silver Silver Silver Silver Silver Silver	Plug 6.3 x 0.8 mm Plug 6.3 x 0.8 mm	704.905.1 704.905.2 704.905.3 704.905.4 704.905.5	3 1 5 4 2	0.021 kg 0.021 kg 0.028 kg 0.028 kg 0.028 kg
500 VAC	10 A	Slow-make switching	1 NO	Silver	Plug 6.3 x 0.8 mm	704.915.1	3	0.021 kg
		Gement	1 NC	Silver	Plug 6.3 x 0.8 mm	704.915.2	1	0.021 kg
			2 NO	Silver	Plug 6.3 x 0.8 mm	704.915.3	5	0.028 kg
			2 NC	Silver	Plug 6.3 x 0.8 mm	704.915.4	4	0.028 kg
			1 NC + 1 NO	Silver	Plug 6.3 x 0.8 mm	704.915.5	2	0.028 kg
	Switching eler	nent						
500 VAC	10 A	Snap-action switching element	1 NO	Gold	Double plug 6.3 x 0.8 mm	704.901.1/D	3	0.026 kg
			1 NC	Gold	Double plug 6.3 x 0.8 mm	704.901.2/D	1	0.026 kg
			2 NO	Gold	Double plug 6.3 x 0.8 mm	704.901.3/D	5	0.033 kg
			2 NC	Gold	Double plug 6.3 x 0.8 mm	704.901.4/D	4	0.033 kg

Accessories 56

Switching voltage	Switching current	Switching system	Contacts	Contact material	Terminal	Part No.	Wiring diagram	Weight
500 VAC	10 A	Snap-action switching element	1 NC + 1 NO	Gold	Double plug 6.3 x 0.8 mm	704.901.5/D	2	0.033 kg
			1 NO	Silver	Double plug 6.3 x 0.8 mm	704.905.1/D	3	0.026 kg
			1 NC	Silver	Double plug 6.3 x 0.8 mm	704.905.2/D	1	0.026 kg
			2 NO	Silver	Double plug 6.3 x 0.8 mm	704.905.3/D	5	0.033 kg
			2 NC	Silver	Double plug 6.3 x 0.8 mm	704.905.4/D	4	0.033 kg
			1 NC + 1 NO	Silver	Double plug 6.3 x 0.8 mm	704.905.5/D	2	0.033 kg



Switching element

	J							
500 VAC 10 A S	10 A	0 A Slow-make switching element	1 NO	Silver	Double plug 6.3 x 0.8 mm	704.915.1/D	3	0.025 kg
		1 NC	Silver	Double plug 6.3 x 0.8 mm	704.915.2/D	1	0.025 kg	
			2 NO	Silver	Double plug 6.3 x 0.8 mm	704.915.3/D	5	0.032 kg
		2 NC	Silver	Double plug 6.3 x 0.8 mm	704.915.4/D	4	0.032 kg	
			1 NC + 1 NO	Silver	Double plug 6.3 x 0.8 mm	704.915.5/D	2	0.032 kg



Switching element

500 VAC	10 A	Snap-action switching	1 NO	Gold	Screw	704.901.1	3	0.021 kg
		element	1 NC	Gold	Screw	704.901.2	1	0.021 kg
			2 NO	Gold	Screw	704.901.3	5	0.028 kg
		2 NC	Gold	Screw	704.901.4	4	0.028 kg	
		1 NC + 1 NO	Gold	Screw	704.901.5	2	0.028 kg	
		1 NO	Silver	Screw	704.900.1	3	0.021 kg	
			1 NC	Silver	Screw	704.900.2	1	0.021 kg
			2 NO	Silver	Screw	704.900.3	5	0.028 kg
			2 NC	Silver	Screw	704.900.4	4	0.028 kg
			1 NC + 1 NO	Silver	Screw	704.900.5	2	0.028 kg
			1 NO	Palladium	Screw	704.902.1	3	0.021 kg
		1 NC	Palladium	Screw	704.902.2	1	0.021 kg	
		2 NO	Palladium	Screw	704.902.3	5	0.028 kg	
			2 NC	Palladium	Screw	704.902.4	4	0.028 kg
			1 NC + 1 NO	Palladium	Screw	704.902.5	2	0.028 kg

56 Accessories

Switching voltage	Switching current	Switching system	Contacts	Contact material	Terminal	Part No.	Wiring diagram	Weight
s	witching elen	nent						
500 VAC	10 A	Slow-make switching	1 NO	Gold	Screw	704.911.1	3	0.021 kg
		element	1 NC	Gold	Screw	704.911.2	1	0.021 kg
			2 NO	Gold	Screw	704.911.3	5	0.028 kg
			2 NC	Gold	Screw	704.911.4	4	0.028 kg
			1 NC + 1 NO	Gold	Screw	704.911.5	2	0.028 kg
			1 NO	Silver	Screw	704.910.1	3	0.021 kg
			1 NC	Silver	Screw	704.910.2	1	0.021 kg
			2 NO	Silver	Screw	704.910.3	5	0.028 kg
			2 NC	Silver	Screw	704.910.4	4	0.028 kg
			1 NC + 1 NO	Silver	Screw	704.910.5	2	0.028 kg
			1 NO	Palladium	Screw	704.912.1	3	0.021 kg
			1 NC	Palladium	Screw	704.912.2	1	0.021 kg
			2 NO	Palladium	Screw	704.912.3	5	0.028 kg
			2 NC	Palladium	Screw	704.912.4	4	0.028 kg
			1 NC + 1 NO	Palladium	Screw	704.912.5	2	0.028 kg

Contacts: NC = Normally closed, NO = Normally open

11	13 21	13	11 21	13 23
12	14 22	14	12 22	14 24
Wiring diagram 1	Wiring diagram 2	Wiring diagram 3	Wiring diagram 4	Wiring diagram 5

Switching element ring cable lug



Dimensions [mm]

Switching voltage	Switching current	Switching system	Contacts	Contact material	Terminal	Part No.	Wiring diagram	Weight
	Switching	element for ring cable s	shoe					
500 VAC	10 A	Snap-action switching element	1 NO	Silver	Screw	704.900.1B	3	0.021 kg
			1 NC	Silver	Screw	704.900.2B	1	0.021 kg
			2 NO	Silver	Screw	704.900.3B	5	0.028 kg
			2 NC	Silver	Screw	704.900.4B	4	0.028 kg
			1 NC + 1 NO	Silver	Screw	704.900.5B	2	0.028 kg
	Switching	element for ring cable s	shoe					
500 VAC	10 A	Slow-make switching element	1 NO	Gold	Screw	704.911.1B	3	0.021 kg
			1 NC	Gold	Screw	704.911.2B	1	0.021 kg
			2 NO	Gold	Screw	704.911.3B	5	0.028 kg
			2 NC	Gold	Screw	704.911.4B	4	0.028 kg
			1 NC + 1 NO	Gold	Screw	704.911.5B	2	0.028 kg
			1 NO	Silver	Screw	704.910.1B	3	0.021 kg
			1 NC	Silver	Screw	704.910.2B	1	0.021 kg
		-	2 NO	Silver	Screw	704.910.3B	5	0.028 kg
			2 NC	Silver	Screw	704.910.4B	4	0.028 kg
			1 NC + 1 NO	Silver	Screw	704.910.5B	2	0.028 kg

Contacts: NC = Normally closed, NO = Normally open



Slow-make switching element

Switching system

The double-break, slow-make switching element is equipped with one or two independent contact systems, acting as normally open or normally closed contact. The normally closed contact has forced opening.

Slow-make contacts with forced action are ideal for high switch ratings.

Up to three switching elements can be snapped to each actuator. For the emergency-stop pushbutton use the slow-make switching element (max. 3).

Material

Material of contact

Hardsilver, gold-silver, silver-palladium (for aggressive atmospheres)

Switch housing

Polycarbonate (PC)

Mechanical characteristics

Terminals

Screw terminals Plug-in terminals 6.3 x 0.8 mm max. wire cross-section 2 x 2.5 mm² max. wire cross-section of stranded cable 2 x 1.5 mm² For switches with plug-in terminals it is necessary to provide insulation sleeves and to maintain a spacing of 65 mm between rows (mounting cut-outs)

Tightening torque

Screws at the mounting flange max. 25-30 Ncm Screws at switching element max. 50 Ncm

Actuating force

1 Normally closed 2 N 1 Normally open 3.1 N

Actuating travel

5.8mm ± 0.2mm

Rebound time

< 1 ms

Mechanical lifetime

(with 1 switching element) Pushbutton maintained action Pushbutton momentary action Selector switch maintained action 1.25 million Cycles of operation Selector switch momentary action 2.5 million Cycles of operation Emergency-stop switch Keylock switch maintained action Keylock switch momentary action

1.5 million Cycles of operation 3 million Cycles of operation 50000 Cycles of operation 25000 Cycles of operation 50000 Cycles of operation

Electrical characteristics

Standards

The switches comply with the "Standards for low-voltage switching devices" EN IEC 60947-5-1

Rated Insulation Voltage U_i

500 VAC/600 VDC, as per EN IEC 60947-5-1

Contact resistance

New state $\leq 50 \text{ m}\Omega$ as per DIN IEC 60512-2-4

Isolation resistance

 $\geq 10 M\Omega$ between open contacts at 500 VDC, as per DIN IEC 60512-3-1

Electrical life

6050 cycles of operations

Conventional free air thermal current I_{th}

As per EN IEC 60947-5-1 6A for plug-in terminals 10A for screw terminals the maximum current in continuous operation and at ambient temperature must not exceed the guoted maximum values.

Switch rating

At switch rating AC for gold-silver, silver-palladium and hardsilver contacts, service category AC-15, as per EN IEC 60947-5-1 (cos\phi 0.3)

400 VAC 500 VAC Voltage 230 VAC Current 7A 5A 4 A

At switch rating DC for gold-silver and hardsilver contacts, service category DC-13, as per EN IEC 60947-5-1

24VDC 60VDC 110VDC 250 VDC Voltage Current 10A 5A 2.5A 0.6A

Recommended minimum operational data

Gold-silver contacts: Voltage 24VDC 110VDC Current 5mA 2mA

Hardsilver contacts: Voltage 24VDC 110VDC Current 50 mA 10mA

Protection class

Indicators and switches, fit for mounting into devices with protection class II

Technical data

Environmental conditions

Storage temperature -40°C...+85°C

Operating temperature -40°C...+55°C (other temperatures on request)

Protection degree IP 00

Shock resistance (single impacts, semi-sinusoidal) 300 m/s² puls width 11 ms, as per EN IEC 60068-2-27

Vibration resistance

(sinusoidal) 100 m/s² at 10 Hz ... 500 Hz, amplitude 0.75 mm, as per EN IEC 60068-2-6

Snap-action switching element

Switching system

The double-break, snap-action switching element is equipped with one or two independent contact systems, acting as normally open or normally closed contact. The snap-action switching element is fitted with self-cleaning contacts.

Up to three switching elements can be snapped to each actuator. Snap-action switching elements are not permissible for emergencystop pushbuttons!

Material

Material of contact

Hardsilver, gold-silver, silver-palladium (for aggressive atmospheres)

Switch housing Polycarbonate (PC)

Mechanical characteristics

Terminals

Screw terminals Plug-in terminals 6.3 x 0.8 mm max. wire cross-section 2 x 2.5 mm² max. wire cross-section of stranded cable 2 x 1.5 mm² For switches with plug-in terminals it is necessary to provide insulation sleeves and to maintain a spacing of 65 mm between rows (mounting cut-outs)

Tightening torque

Screws at the mounting flange max. 25–30 Ncm Screws at switching element max. 50 Ncm

Actuating force

1 Normally closed 1.9 N 1 Normally open 2N

Approvals

Approbations

CB (IEC 60947) CCC CSA Germanischer Lloyd GOST NFF 16-102 UL

Declaration of conformity CF

Actuating travel

5.8mm ± 0.2mm

Rebound time

≤3ms

Mechanical lifetime

(with 1 switching element) Pushbutton maintained action Pushbutton momentary action Selector switch maintained action 1.25 million Cycles of operation Selector switch momentary action 2.5 million Cycles of operation Keylock switch maintained action Keylock switch momentary action

1.5 million Cycles of operation 3 million Cycles of operation 25000 Cycles of operation 50000 Cycles of operation

Electrical characteristics

Standards

The switches comply with the "Standards for low-voltage switching devices" EN IEC 60947-5-1

Rated Insulation Voltage U_i

500 VAC/600 VDC, as per EN IEC 60947-5-1

Contact resistance

New state $\leq 50 \text{ m}\Omega$ as per DIN IEC 60512-2-4

Isolation resistance

 $\geq 10 M\Omega$ between open contacts at 500 VDC, as per DIN IEC 60512-3-1

Electrical life

50000 cycles of operations

Technical data 56

Conventional free air thermal current \mathbf{I}_{th}

As per EN IEC 60947-5-1 6A for plug-in terminals 10A for screw terminals the maximum current in continuous operation and at ambient temperature must not exceed the quoted maximum values.

Switch rating

At switch rating AC for gold-silver, silver-palladium and hardsilver contacts, service category AC-15, as per EN IEC 60947-5-1 (cos ϕ 0.3)

Voltage 230 VAC 400 VAC 500 VAC Current 6A 4A 2.5A

At switch rating DC for gold-silver and hardsilver contacts, service category DC-13, as per EN IEC 60947-5-1

Voltage 24VDC 60VDC 110VDC Current 10A 3A 1A

Recommended minimum operational data

Gold-silver contacts: Voltage 5VDC 24VDC 110VDC Current 15mA 5mA 2mA

Hardsilver contacts: Voltage 24VDC 110VDC Current 50mA 10mA

Protection class

Indicators and switches, fit for mounting into devices with protection class II

Environmental conditions

Storage temperature

-40°C...+85°C

Operating temperature

-40 °C ... +55 °C (other temperatures on request)

Protection degree

- -

Shock resistance (single impacts, semi-sinusoidal) 300 m/s² puls width 11 ms, as per EN IEC 60068-2-27

Vibration resistance

(sinusoidal) 100 m/s² at 10 Hz \ldots 500 Hz, amplitude 0.75 mm, as per EN IEC 60068-2-6

Approvals

Approbations

CB (IEC 60947) CCC CSA Germanischer Lloyd GOST NFF 16-102 UI

Declaration of conformity

CE

Slow-make switching element PIT

Switching system

The double-break, slow-make switching element is equipped with one or two independent contact systems, acting as normally open or normally closed contact. The normally closed contact has forced opening.

Slow-make contacts with forced action are ideal for high switch ratings.

Up to three switching elements can be snapped to each actuator. For the emergency-stop pushbutton use the slow-make switching element (max. 3).

Material

Material of contact Hardsilver and gold-silver

Switch housing Polycarbonate (PC)

Mechanical characteristics

Terminals

PIT push-in terminal Skinning 8 mm Wire cross-section: Wire 0.2 to 1.0 mm² Stranded wire 0.2 to 1.0 mm² without core and sleeve Stranded wire 0.2 to 0.75 mm² with core and sleeve

Tightening torque

Screws at the mounting flange max. 25 Ncm

Actuating force

1 Normally closed 2 N 1 Normally open 3.1 N

Actuating travel

 $5.8\,\text{mm}\pm0.2\,\text{mm}$

Rebound time

≤1ms

Technical data

Mechanical lifetime

(with 1 switching element) Pushbutton maintained action Pushbutton momentary action Selector switch maintained action 1.25 million Cycles of operation Selector switch momentary action 2.5 million Cycles of operation Emergency-stop switch Keylock switch maintained action Keylock switch momentary action

1.5 million Cycles of operation 3 million Cycles of operation 50000 Cycles of operation 25000 Cycles of operation 50000 Cycles of operation

Electrical characteristics

Standards

The switches comply with EN IEC 60947-1/EN IEC 60947-5-1

Rated Insulation Voltage U 500 VAC/600 VDC, as per EN IEC 60947-5-1

Contact resistance New state $\leq 50 \text{ m}\Omega$ as per DIN IEC 60512-2-4

Isolation resistance $\geq 10 M\Omega$ between open contacts at 500 VDC, as per DIN IEC 60512-3-1

Electrical life 6050 cycles of operations

Conventional free air thermal current I_{th}

6A, as per EN IEC 60947-5-1 the maximum current in continuous operation and at ambient temperature must not exceed the quoted maximum values.

Switch rating

At switch rating AC for gold-silver and hardsilver contacts, service category AC-15, as per EN IEC 60947-5-1 ($\cos \phi$ 0.3)

250 VAC Voltage Current 6A

At switch rating DC for gold-silver and hardsilver contacts, service category DC-13, as per EN IEC 60947-5-1

Voltage 24VDC 110VDC Current 6A 1.0A

Snap-action switching element PIT

Switching system

The double-break, snap-action switching element is equipped with one or two independent contact systems, acting as normally open or normally closed contact. The snap-action switching element is fitted with self-cleaning contacts.

Up to three switching elements can be snapped to each actuator. Snap-action switching elements are not permissible for emergencystop pushbuttons!

Recommended minimum operational data

Gold-silver contacts: Voltage 24 VDC Current 5mA

Hardsilver contacts: Voltage 24 VDC Current 50 mA

Protection class

Indicators and switches, fit for mounting into devices with protection class II

Environmental conditions

Storage temperature

-40°C...+85°C

Operating temperature

-40°C...+55°C (other temperatures on request)

Protection degree IP 20

Shock resistance (single impacts, semi-sinusoidal) 300 m/s² puls width 11 ms, as per EN IEC 60068-2-27

Approvals

Approbations

CB (IEC 60947) CSA Germanischer Lloyd GOST NFF 16-102 UL

Declaration of conformity

CF

Material

Material of contact Hardsilver and gold-silver

Switch housing Polycarbonate (PC)

eao 46

Mechanical characteristics

Terminals

PIT push-in terminal Skinning 8mm Wire cross-section: Wire 0.2 to 1.0 mm² Stranded wire 0.2 to 1.0 mm² without core and sleeve Stranded wire 0.2 to 0.75 mm² with core and sleeve

Tightening torque

Screws at the mounting flange max. 25 Ncm

Actuating force

1 Normally closed 1.9 N 1 Normally open 2N

Actuating travel $5.8 \text{ mm} \pm 0.2 \text{ mm}$

Rebound time $< 3 \,\mathrm{ms}$

Mechanical lifetime

(with 1 switching element) Pushbutton maintained action Pushbutton momentary action Selector switch maintained action 1.25 million Cycles of operation Selector switch momentary action 2.5 million Cycles of operation Emergency-stop switch Keylock switch maintained action Keylock switch momentary action

1.5 million Cycles of operation 3 million Cycles of operation 50000 Cycles of operation 25000 Cycles of operation 50000 Cycles of operation

Electrical characteristics

Standards The switches comply with EN IEC 60947-1/EN IEC 60947-5-1

Rated Insulation Voltage U_i 500 VAC/600 VDC, as per EN IEC 60947-5-1

Contact resistance New state $\leq 50 \text{ m}\Omega$ as per DIN IEC 60512-2-4

Isolation resistance $\geq 10 M\Omega$ between open contacts at 500 VDC, as per DIN IEC 60512-3-1

Electrical life 50000 cycles of operations

Conventional free air thermal current I_{th}

6A, as per EN IEC 60947-5-1 the maximum current in continuous operation and at ambient temperature must not exceed the guoted maximum values.

Switch rating

At switch rating AC for gold-silver and hardsilver contacts, service category AC-15, as per EN IEC 60947-5-1 (cosφ 0.3)

Voltage 250 VAC Current 6A

At switch rating DC for gold-silver and hardsilver contacts, service category DC-13, as per EN IEC 60947-5-1

24VDC 110VDC Voltage Current 6A 1 O A

Recommended minimum operational data

Gold-silver contacts: Voltage 24 VDC Current 5mA

Hardsilver contacts: Voltage 24 VDC Current 50 mA

Protection class

Indicators and switches, fit for mounting into devices with protection class II

Environmental conditions

Storage temperature -40°C...+85°C

Operating temperature

-40°C...+55°C (other temperatures on request)

Protection degree

IP 20

Shock resistance

(single impacts, semi-sinusoidal) 300 m/s² puls width 11 ms, as per EN IEC 60068-2-27

Vibration resistance

(sinusoidal) 100 m/s² at 10 Hz ... 500 Hz, as per EN IEC 60068-2-6 and EN 61373 Increased broad band noise, class 1B

Approvals

Approbations

CB (IEC 60947) CSA Germanischer Lloyd GOST NFF 16-102 UI

Declaration of conformity

CE