



## Main

Range of product	TeSys D
Range	TeSys
Product or component type	Auxiliary contact block
Range compatibility	TeSys LC1D TeSys CAD
Auxiliary contacts operation	Instantaneous
Pole contact composition	2 NC
Connections - terminals	Screw clamp terminals 1 cable(s) 1... 2.5 mm <sup>2</sup> flexible with cable end Screw clamp terminals 1 cable(s) 1... 2.5 mm <sup>2</sup> flexible without cable end Screw clamp terminals 2 cable(s) 1... 2.5 mm <sup>2</sup> flexible with cable end Screw clamp terminals 2 cable(s) 1... 2.5 mm <sup>2</sup> flexible without cable end Screw clamp terminals 1 cable(s) 1...2.5 mm <sup>2</sup> solid Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> solid

## Complementary

Mounting location	Side
[Ui] rated insulation voltage	690 V conforming to IEC 60947-5-1 600 V - certifications CSA 600 V - certifications UL
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ith] conventional free air thermal current	10 A (at 60 °C)
Irms rated making capacity	140 A AC conforming to IEC 60947-5-1 250 A DC conforming to IEC 60947-5-1
Permissible short-time rating	100 A 60 °C 1 s 120 A 60 °C 500 ms 140 A 60 °C 100 ms
Protection type	GG fuse 10 A
Mechanical durability	30 Mcycles
Minimum switching current	5 mA
Minimum switching voltage	17 V
Non-overlap time	1.5 Ms on de-energisation no overlap between NC and NO contact 1.5 ms on energisation no overlap between NC and NO contact
Insulation resistance	> 10 MOhm
Tightening torque	1.7 N.m
Width	12.5 mm

## Environment

Environmental characteristic	Normal environment
Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5
Product certifications	IECEE CB Scheme UL CSA CCC EAC
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-60...80 °C
Operating altitude	3000 m

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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