



## Main

Range	TeSys
Range of product	TeSys D control relay TeSys D TeSys F
Product or component type	Time delay auxiliary contact block
Range compatibility	TeSys D CAD TeSys D LC1D TeSys F LC1F TeSys F CR1F
Mounting location	Front
Pole contact composition	1 NO + 1 NC
Auxiliary contacts operation	Time delay
Timer type	Off delay
Time delay range	10...180 s
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ui] rated insulation voltage	690 V conforming to IEC 60947-5-1 600 V - certifications UL 600 V - certifications CSA
[Ith] conventional free air thermal current	10 A (at 60 °C)
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

## Complementary

Irms rated making capacity	140 A at ≤ 690 V AC conforming to IEC 60947-5-1 250 A at ≤ 690 V 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	5 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
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 1 cable(s) 1...2.5 mm <sup>2</sup> solid 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 2 cable(s) 1...2.5 mm <sup>2</sup> solid Screw clamp terminals
Tightening torque	1.7 N.M - with screwdriver flat Ø 6 mm 1.7 N.M - with screwdriver Philips No 2
Height	48 Mm
Width	44 Mm
Depth	61 Mm

## Environment

Environmental characteristic	Normal environment
IP degree of protection	IP20 conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for storage	-60...80 °C
Ambient air temperature for operation	-40...70 °C
Operating altitude	3000 m

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	76 G
Package 1 Height	5 Cm
Package 1 width	5.2 Cm
Package 1 Length	6.5 Cm
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Weight	1.76 Kg
Package 2 Height	5.2 Cm
Package 2 width	12.8 Cm
Package 2 Length	24 Cm
Unit Type of Package 3	S03
Number of Units in Package 3	140
Package 3 Weight	11.129 Kg
Package 3 Height	30 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
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
PVC free	Yes

Contractual warranty

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Warranty	18 months
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Product Life Status : **Commercialised**