

Product data sheet

Specifications



Time delay contact block, TeSys Deca, 1NO+1NC, on-delay 1-30s, front, with 40 ± 15 ms switching time between NC opening and NO closing

LADS2

Main

Range	TeSys TeSys Deca
Product name	TeSys Deca
Product or component type	Time delay auxiliary contact block
Range compatibility	TeSys D CAD TeSys D LC1D TeSys F LC1F TeSys F CR1F TeSys Deca CAD TeSys Deca LC1D
Device application	Star delta starter
Mounting location	Front
Pole contact composition	1 NO + 1 NC
Contacts operation	Time delay
Timer type	On delay
Time delay range	1...30 s
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ie] rated operational current	6 A at 120 V AC-15 1.04 A at 690 V AC-15 0.55 A at 125 V DC-13 0.1 A at 600 V DC-13
[Ui] rated insulation voltage	690 V conforming to IEC 60947-5-1 600 V conforming to UL 60947-5-1 600 V conforming to CSA C22.2 No 60947-5-1
[Ith] conventional free air thermal current	10 A (at 60 °C)
Standards	CSA C22.2 No 60947-5-1 GB/T 14048.5 EN/IEC 60947-5-1
Product certifications	IECEE CB Scheme UL CSA CCC EAC UKCA

Complementary

Irms rated making capacity	140 A at \leq 690 V AC conforming to IEC 60947-5-1 250 A at \leq 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 MΩ
Connections - terminals	Screw clamp terminals 1 cable(s) 1...2.5 mm ² flexible with cable end Screw clamp terminals 1 cable(s) 1...2.5 mm ² flexible without cable end Screw clamp terminals 2 cable(s) 1...2.5 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 1...2.5 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 1...2.5 mm ² rigid Screw clamp terminals 2 cable(s) 1...2.5 mm ² rigid Screw clamp terminals
Tightening torque	1.7 N.m - with screwdriver flat Ø 6 mm 1.7 N.m - with screwdriver Philips No 2 1.7 N.m - with screwdriver pozidriv No 2
Height	48 mm
Width	44 mm
Depth	61 mm
Colour	Dark grey

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 Height	5.2 cm
Package 1 Width	6.5 cm
Package 1 Length	4.8 cm
Package 1 Weight	82 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	5.2 cm
Package 2 Width	13 cm
Package 2 Length	24 cm
Package 2 Weight	836 g
Unit Type of Package 3	S03
Number of Units in Package 3	140
Package 3 Height	30 cm

Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	12.202 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes
California proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov

Recommended replacement(s)