Product datasheet

Specifications





TeSys D control relay - 3 NO + 2 NC - <= 690 V - 24 V DC low consumption coil

CAD32BL

Main

Range	TeSys TeSys Deca
Product Name	TeSys CAD
Product Or Component Type	Control relay
Device Short Name	CAD
Contactor Application	Control circuit

Complementary

Complementary	
Utilisation Category	AC-15 DC-13 AC-14
Pole Contact Composition	3 NO + 2 NC
[Ue] Rated Operational Voltage	<= 690 V AC 25400 Hz
Control Circuit Type	DC low consumption
[Uc] Control Circuit Voltage	24 V DC
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to IEC 60947
[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
[Icw] Rated Short-Time Withstand Current	100 A - 1 s 120 A - 500 ms 140 A - 100 ms
Associated Fuse Rating	10 A gG conforming to IEC 60947-5-1
[Ui] Rated Insulation Voltage	600 V UL certified 600 V CSA certified 690 V conforming to IEC 60947-5-1
Mounting Support	Plate Rail
Connections - Terminals	Screw clamp terminals 1 cable(s) 14 mm ² flexible without cable end Screw clamp terminals 2 cable(s) 14 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 14 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 12.5 mm ² flexible with cable end Screw clamp terminals 1 cable(s) 14 mm ² solid without cable end Screw clamp terminals 2 cable(s) 14 mm ² solid without cable end
Tightening Torque	 1.2 N.m - on screw clamp terminals - with screwdriver Philips No 2 1.2 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm 1.2 N.m - on screw clamp terminals - with screwdriver pozidriv No 2
Control Circuit Voltage Limits	0.10.25 Uc (-4070 °C):drop-out DC 0.71.25 Uc (-4060 °C):operational DC 11.25 Uc (6070 °C):operational DC

60068-2-27 C 60068-2-27 EC 60068-2-6 IEC 60068-2-6

Environment

Standards	EN/IEC 60947-5-1 GB/T 14048.5 UL 60947-5-1 CSA C22.2 No 60947-5-1 JIS C8201-5-1
Product Certifications	CB CCC UL CSA EAC CE UKCA
Ip Degree Of Protection	IP2X conforming to VDE 0106
Protective Treatment	TH conforming to IEC 60068
Ambient Air Temperature For Operation	-4060 °C 6070 °C with derating
Ambient Air Temperature For Storage	-6080 °C
Operating Altitude	03000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.1 cm
Package 1 Width	8.6 cm
Package 1 Length	10.6 cm
Package 1 Weight	531 g

Unit Type Of Package 2	S02
Number Of Units In Package 2	15
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8.321 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	240
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	143.22 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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
Circularity Profile	End of Life Information