

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

CAD32BL

Product availability: Stock - Normally stocked in distribution facility

Main

Range	TeSys TeSys Deca
Product name	TeSys CAD
Product or Component Type	Control relay
Device short name	CAD
Contactor application	Control circuit

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 IEC 60947	
[Ith] conventional free air thermal current	10 A (at 140 °F (60 °C))	
Irms rated making capacity	140 A AC IEC 60947-5-1	
	250 A DC IEC 60947-5-1	
[Icw] rated short-time withstand	100 A - 1 s	
current	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	
	600 V CSA	
	690 V IEC 60947-5-1	
Mounting Support	Plate	
	Rail	
Connections - terminals	screw clamp terminals 1 0.0020.006 in² (14 mm²)flexible without cable end	
	screw clamp terminals 2 0.0020.006 in² (14 mm²)flexible without cable end	
	screw clamp terminals 1 0.0020.006 in ² (14 mm ²)flexible with cable end	
	screw clamp terminals 2 0.0020.004 in² (12.5 mm²)flexible with cable end	
	screw clamp terminals 1 0.0020.006 in² (14 mm²)solid without cable end	
	screw clamp terminals 2 0.0020.006 in² (14 mm²)solid without cable end	
Tightening torque	10.6 lbf.in (1.2 N.m) screw clamp terminals Philips No 2	
	10.6 lbf.in (1.2 N.m) screw clamp terminals flat Ø 6 mm	
	10.6 lbf.in (1.2 N.m) screw clamp terminals pozidriv No 2	
Control circuit voltage limits	0.10.25 Uc (-40158 °F (-4070 °C)):drop-out DC	
	0.71.25 Uc (-40140 °F (-4060 °C)):operational DC	
	11.25 Uc (140158 °F (6070 °C)):operational DC	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Operating time	6588 ms coil energisation and NO closing 1425 ms coil de-energisation and NO opening 5777 ms coil energisation and NC opening 2842 ms coil de-energisation and NC closing	
Mechanical durability	30 Mcycles	
Maximum operating rate	180 cyc/mn	
Time constant	40 ms	
Inrush power in W	2.4 W 68 °F (20 °C))	
Hold-in power consumption in W	2.4 W 68 °F (20 °C)	
Minimum switching voltage	17 V	
Minimum switching current	5 mA	
Non-overlap time	1.5 ms on energisation between NC and NO contact 1.5 ms on de-energisation between NC and NO contact	
Insulation resistance	> 10 MOhm	
Mechanical robustness	Shocks control relay open10 Gn for 11 ms IEC 60068-2-27 Shocks control relay closed15 Gn for 11 ms IEC 60068-2-27 Vibrations control relay open2 Gn, 5300 Hz IEC 60068-2-6 Vibrations control relay closed4 Gn, 5300 Hz IEC 60068-2-6	
Height	3.03 in (77 mm)	
Width	1.8 in (45 mm)	
Depth	3.7 in (93 mm)	
Net Weight	1.28 lb(US) (0.58 kg)	

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 VDE 0106
Protective treatment	TH IEC 60068
Ambient air temperature for operation	-40140 °F (-4060 °C) 140158 °F (6070 °C) with derating
Ambient Air Temperature for Storage	-76176 °F (-6080 °C)
Operating altitude	09842.52 ft (03000 m)

Ordering and shipping details

Category	US10I1222371
Discount Schedule	0112
GTIN	3389110407082
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE	
Nbr. of units in pkg.	1	
Package 1 Height	2.01 in (5.1 cm)	
Package 1 Width	3.39 in (8.6 cm)	
Package 1 Length	4.17 in (10.6 cm)	
Package weight(Lbs)	18.7 oz (531 g)	
Unit Type of Package 2	S02	
Number of Units in Package 2	15	
Package 2 Height	5.91 in (15 cm)	
Package 2 Width	11.81 in (30 cm)	
Package 2 Length	15.75 in (40 cm)	
Package 2 Weight	18.345 lb(US) (8.321 kg)	
Unit Type of Package 3	P06	
Number of Units in Package 3	240	
Package 3 Height	29.53 in (75 cm)	
Package 3 Width	23.62 in (60 cm)	
Package 3 Length	31.50 in (80 cm)	
Package 3 Weight	315.75 lb(US) (143.22 kg)	

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	20
Environmental Disclosure	Product Environmental Profile

Use Better

⊗ Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Not compliant
SCIP Number	B67ac941-f42f-4afd-894a-0b6f9cefde62
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No

Product data sheet

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Image of product / Alternate images

Alternative





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