Product data sheet with

Specifications





TeSys Deca control relay, 3 NO and 2 NC, 600 V, 24 VDC standard coil

CAD32BD

Product availability: Stock - Normally stocked in distribution facility

Price*: 112.20 USD

Main

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

Complementary

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Utilisation Category	DC-13 AC-15 AC-14	
Pole Contact Composition	3 NO + 2 NC	
[Ue] Rated Operational Voltage	<= 690 V AC 25400 Hz	
Control Circuit Type	DC standard	
[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 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 600 V CSA 690 V IEC 60947-5-1	
Mounting Support	Rail Plate	
Connections - Terminals	screw clamp terminals 1 0.000.01 in ² (14 mm ²)flexible without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)flexible without cable end screw clamp terminals 1 0.000.01 in ² (14 mm ²)flexible with cable end screw clamp terminals 2 0.000.00 in ² (12.5 mm ²)flexible with cable end screw clamp terminals 1 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.000.01 in ² (14 mm ²)solid without cable end screw clamp terminals 2 0.0000 in ² (14 mm ²)solid without cable end screw clamp terminals cable end screw clamp term	
Tightening Torque	10.62 lbf.in (1.2 N.m) screw clamp terminals Philips No 2 10.62 lbf.in (1.2 N.m) screw clamp terminals flat Ø 6 mm 10.62 lbf.in (1.2 N.m) screw clamp terminals pozidriv No 2	

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

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	
Operating Time	5372 ms coil energisation and NO closing	
	1624 ms coil de-energisation and NO opening 4763 ms coil energisation and NC opening	
	1525 ms coil de-energisation and NC closing	
Mechanical Durability	30 Mcycles	
Maximum Operating Rate	180 cyc/mn	
Time Constant	28 ms	
Inrush Power In W	5.4 W 68 °F (20 °C))	
Hold-In Power Consumption In W	5.4 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	1.77 in (45 mm)	
Depth	3.66 in (93 mm)	
Net Weight	1.28 lb(US) (0.58 kg)	
Environment		

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 front face 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	-76 176 °F (-6080 °C)
Operating Altitude	09842.52 ft (03000 m)

Ordering and shipping details

Category	US10I1222371
Discount Schedule	0112
Gtin	3389110404166
Returnability	Yes

Country Of	Origin	
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Packing Units

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.05 in (5.200 cm)
Package 1 Width	3.62 in (9.200 cm)
Package 1 Length	4.41 in (11.200 cm)
Package 1 Weight	18.62 oz (528.000 g)
Unit Type Of Package 2	\$02
Number Of Units In Package 2	15
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	18.21 lb(US) (8.262 kg)
Unit Type Of Package 3	P06
Number Of Units In Package 3	240
Package 3 Height	29.53 in (75.000 cm)
Package 3 Width	23.62 in (60.000 cm)
Package 3 Length	31.50 in (80.000 cm)
Package 3 Weight	313.10 lb(US) (142.020 kg)

Contractual warranty

Warranty

18 months

Sustainability Seren

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



+c

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
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



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