Product data sheet

Specifications





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

CAD323BL

Product availability: Non-Stock - Not 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

AC-14 DC-13 AC-15 3 NO + 2 NC <= 690 V AC 25400 Hz DC low consumption	
AC-15 3 NO + 2 NC <= 690 V AC 25400 Hz	
3 NO + 2 NC <= 690 V AC 25400 Hz	
<= 690 V AC 25400 Hz	
DC low consumption	
24 V DC	
6 kV IEC 60947	
10 A (at 140 °F (60 °C))	
140 A AC IEC 60947-5-1	
250 A DC IEC 60947-5-1	
100 A - 1 s	
120 A - 500 ms	
140 A - 100 ms	
10 A gG conforming to IEC 60947-5-1	
600 V UL	
600 V CSA	
690 V IEC 60947-5-1	
Plate	
Rail	
spring terminals 1 0.000.00 in ² (12.5 mm ²)flexible without cable end	
spring terminals 2 0.000.00 in ² (12.5 mm ²)flexible without cable end	
spring terminals 1 0.000.00 in ² (12.5 mm ²)solid without cable end	
spring terminals 2 0.000.00 in ² (12.5 mm ²)solid without cable end	
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	V 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	3.90 in (99 mm)	
Width	1.77 in (45 mm)	
Depth	3.66 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	3389110820669	
Returnability	No	
Country Of Origin	FR	

Packing Units

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Unit Type Of Package 1	PCE	
Number Of Units In Package 1	1	
Package 1 Height	2.24 in (5.700 cm)	
Package 1 Width	4.33 in (11.000 cm)	
Package 1 Length	4.88 in (12.400 cm)	
Package 1 Weight	19.19 oz (544.000 g)	
Unit Type Of Package 2	S02	
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	19.27 lb(US) (8.740 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	327.06 lb(US) (148.352 kg)	

Contractual warranty

Warranty

18 months

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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
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