Product data sheet

Specifications





TeSys Deca control relay - 5 NO -<= 690 V - 230 V AC standard coil

CAD506P7

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 63.25 USD

Main

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

mnlementary

Complementary		
Utilisation Category	AC-14 DC-13 AC-15	
Pole Contact Composition	5 NO	
[Ue] Rated Operational Voltage	<= 690 V AC 25400 Hz	
Control Circuit Type	AC 50/60 Hz	
[Uc] Control Circuit Voltage	230 V AC 50/60 Hz	
[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	lugs-ring terminals 0.31 in (8 mm))	
Control Circuit Voltage Limits	0.30.6 Uc -40158 °F (-4070 °C) drop-out AC 50/60 Hz 0.81.1 Uc -40140 °F (-4060 °C) operational AC 50 Hz 0.851.1 Uc -40140 °F (-4060 °C) operational AC 60 Hz 11.1 Uc 140158 °F (6070 °C) operational AC 50/60 Hz	
Operating Time	1222 ms coil energisation and NO closing 412 ms coil de-energisation and NO opening	
Mechanical Durability	30 Mcycles	
Maximum Operating Rate	180 cyc/mn	

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

70 VA 50 Hz (at 68 °F (20 °C))	
8 VA 50 Hz (at 68 °F (20 °C))	
17 V	
5 mA	
1.5 ms on energisation between NC and NO contact 1.5 ms on de-energisation between NC and NO contact	
> 10 MOhm	
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	
3.03 in (77 mm)	
1.77 in (45 mm)	
3.31 in (84 mm)	
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 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	-76176 °F (-6080 °C)	
Operating Altitude	09842.52 ft (03000 m)	

Ordering and shipping details

Category	US10I1222371	
Discount Schedule	0 12	
Gtin	3389110847215	
Returnability	No	
Country Of Origin	ID	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.93 in (4.9 cm)
Package 1 Width	3.50 in (8.9 cm)
Package 1 Length	4.37 in (11.1 cm)

Package 1 Weight

12.47 oz (353.5 g)

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
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