Product data sheet

Specifications





Relay - 600 V 10 Amp Tesys + Options

CAD32G7TQ

Product availability: Stock - Normally stocked in distribution facility

Price*: 63.25 USD

Main

Range	TeSys TeSys Deca	
Product name	TeSys CAD TeSys Deca	
Product or Component Type	Auxiliary contactor	
Device short name	CAD	
contactor application	Control circuit	
Utilisation category	AC-14 AC-15	
Control circuit type	AC	
Coil type	Standard	
Suppressor technology	Without built-in	
Pole contact composition	3 NO + 2 NC	
[Uc] control circuit voltage	120 V AC 50/60 Hz	
Connections - terminals	1 x 0.0020.006 in ² (14 mm ²)flexible with cable end 1 x 0.0020.006 in ² (14 mm ²)flexible without cable end 1 x 0.0020.006 in ² (14 mm ²)solid without cable end 2 x 0.0020.004 in ² (12.5 mm ²)flexible with cable end 2 x 0.0020.006 in ² (14 mm ²)flexible without cable end	
Quantity per Set	Set of 10	

Complementary

Contact operation	Mechanically linked IEC 60947-5-1
Control circuit voltage limits	Drop-out: 0.30.6 Uc Operational: 0.81.1 Uc at 50 Hz Operational: 0.851.1 Uc at 60 Hz
[Ui] rated insulation voltage	600 VCSA 600 VUL 690 V III 3) IEC 60947-5-1
[Uimp] rated impulse withstand voltage	6 kV IEC 60947
Tightening torque	15.05 lbf.in (1.7 N.m)
[Ue] rated operational voltage	<= 690 V AC 25400 Hz
[Ith] conventional free air thermal current	10 A (at 140 °F (60 °C))
Irms rated making capacity	140 A <= 690 V AC IEC 60947-5-1
Associated fuse rating	10 A gG <= 690 V IEC 60947-5-1
Inrush power in VA	70 VA (at 68 °F (20 °C))

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

Hold-in power consumption in VA	8 VA 50 Hz (at 68 °F (20 °C))	
Maximum operating rate	3 cyc/s 68 °F (20 °C)	
Operating time	1222 ms coil energisation and NO closing 412 ms coil de-energisation and NO opening 419 ms coil energisation and NC opening 617 ms coil de-energisation and NC closing	
Minimum switching current	5 mA	
Minimum switching voltage	17 V	
Non-overlap time	1.5 ms on de-energisation between NC and NO contacts1.5 ms on energisation between NC and NO contacts	
Insulation resistance	> 10 MOhm	
Height	3.03 in (77 mm)	
Width	1.8 in (45 mm)	
Depth	3.4 in (86 mm)	
Net Weight	1.28 lb(US) (0.58 kg)	

Environment

Standards	EN 60947-5 IEC 60947-5-1 NF C 63-140 VDE 0660 BS 4794 IEC 60335-1	
Product Certifications	CSA UL UKCA	
IP degree of protection	IP2X conforming to VDE 0106	
Protective treatment	TH IEC 60068	
Ambient air temperature for operation	-40158 °F (-4070 °C) at Uc 23140 °F (-560 °C) at 0.81.1 Uc	
Ambient Air Temperature for Storage	-76176 °F (-6080 °C)	
Operating altitude	9842.52 ft (3000 m) without derating	
Shock resistance	10 gn control relay open 15 gn control relay closed	
Vibration resistance	2 gn 5300 Hz control relay open 4 gn 5300 Hz control relay closed	

Ordering and shipping details

Category	US10I1218486	
Discount Schedule	0 12	
GTIN	3389110847208	
Returnability	Yes	
Country of origin	FR	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.9 in (15.0 cm)

Package 1 Width	11.8 in (30.0 cm)
Package 1 Length	15.7 in (40.0 cm)
Package 1 Weight	12.4 oz (352.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	19.628 lb(US) (8.903 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
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