

Product data sheet

Specifications



Relay - 600 V 10 Amp Tesys + Options

CAD32G7TQ

Product availability: Stock - Normally stocked in distribution facility

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 0.002...0.006 in ² (1...4 mm ²)flexible with cable end 1 x 0.002...0.006 in ² (1...4 mm ²)flexible without cable end 1 x 0.002...0.006 in ² (1...4 mm ²)solid without cable end 2 x 0.002...0.004 in ² (1...2.5 mm ²)flexible with cable end 2 x 0.002...0.006 in ² (1...4 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: 0.3...0.6 Uc Operational: 0.8...1.1 Uc at 50 Hz Operational: 0.85...1.1 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 25...400 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))
Hold-in power consumption in VA	8 VA 50 Hz (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.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Maximum operating rate	3 cyc/s 68 °F (20 °C)
Operating time	12...22 ms coil energisation and NO closing 4...12 ms coil de-energisation and NO opening 4...19 ms coil energisation and NC opening 6...17 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 contacts 1.5 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)
Product 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	-40...158 °F (-40...70 °C) at Uc 23...140 °F (-5...60 °C) at 0.8...1.1 Uc
Ambient Air Temperature for Storage	-76...176 °F (-60...80 °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 5...300 Hz control relay open 4 gn 5...300 Hz control relay closed

Ordering and shipping details

Category	US10I1218486
Discount Schedule	0I12
GTIN	3389110847208
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.800 in (4.572 cm)
Package 1 Width	2.800 in (7.112 cm)

Package 1 Length	3.400 in (8.636 cm)
Package weight(Lbs)	11.200 oz (317.514 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	24
Package 2 Height	5.900 in (14.986 cm)
Package 2 Width	11.600 in (29.464 cm)
Package 2 Length	15.600 in (39.624 cm)
Package 2 Weight	17.961 lb(US) (8.147 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

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

Total lifecycle Carbon footprint	18 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	15 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	B67ac941-f42f-4afd-894a-0b6f9cefde62
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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 Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	66
Circularity Profile	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.