



Main

Range	TeSys TeSys Deca
Product name	TeSys CAD TeSys Deca
Product or Component Type	Auxiliary contactor
Device short name	CAD
Contact 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 0.00...0.01 in ² (1...4 mm ²)flexible with cable end 1 x 0.00...0.01 in ² (1...4 mm ²)flexible without cable end 1 x 0.00...0.01 in ² (1...4 mm ²)solid without cable end 2 x 0.00...0.00 in ² (1...2.5 mm ²)flexible with cable end 2 x 0.00...0.01 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))
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	1.77 in (45 mm)
Depth	3.39 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[RETURN]JUL[RETURN]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	18486-INDUSTRIAL APPS-NON-NEGOTIABLE-112
Discount Schedule	I12
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	5.91 in (15.0 cm)
Package 1 Width	11.81 in (30.0 cm)
Package 1 Length	15.75 in (40.0 cm)
Package 1 Weight	12.42 oz (352.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	19.63 lb(US) (8.903 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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