

Product datasheet

Specifications



contactor - TeSys K,D,S - CAD-32 -
3 NO + 2 NC - instantaneous - 10 A
- 230 V AC

CAD32P7TQ

⚠ Discontinued on: 9 Feb 2023

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EAN Code: 3389110401592

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	230 V AC 50/60 Hz
Connections - terminals	1 x 1...4 mm ² flexible with cable end 1 x 1...4 mm ² flexible without cable end 1 x 1...4 mm ² solid without cable end 2 x 1...2.5 mm ² flexible with cable end 2 x 1...4 mm ² flexible without cable end 2 x 1...4 mm ² solid without cable end
Quantity per set	Set of 10

Complementary

Contact operation	Mechanically linked conforming to 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 V - certifications CSA 600 V - certifications UL 690 V - overvoltage category III (pollution degree 3) - conforming to IEC 60947-5-1
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947
Tightening torque	1.7 N.m
[Ue] rated operational voltage	<= 690 V AC 25...400 Hz
[Ith] conventional free air thermal current	10 A (at 60 °C)
Irms rated making capacity	140 A at <= 690 V AC conforming to IEC 60947-5-1
Associated fuse rating	10 A gG at <= 690 V conforming to IEC 60947-5-1

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

Inrush power in VA	70 VA (at 20 °C)
Hold-in power consumption in VA	8 VA 50 Hz (at 20 °C)
Mechanical durability	30000000 cycles
Maximum operating rate	3 cyc/s 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...16 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	77 mm
Width	45 mm
Depth	86 mm
Net weight	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 Scheme CCC UL CSA EAC CE UKCA
IP degree of protection	IP2X conforming to VDE 0106
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-40...70 °C at Uc -5...60 °C at 0.8...1.1 Uc
Ambient air temperature for storage	-60...80 °C
Operating altitude	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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.500 cm
Package 1 Width	7.000 cm
Package 1 Length	8.500 cm
Package 1 Weight	343.900 g

Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.711 kg
Unit Type of Package 3	P06
Number of Units in Package 3	384
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	140.596 kg

Logistical informations

Country of origin	FR
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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	17 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	11 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 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

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	66
End of life manual availability	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