



# TeSys Deca control relay - 3 NO + 2 NC - <= 690 V - 110 V DC standard coil

CAD32FD

Product availability: Stock - Normally stocked in distribution facility

#### Main

Range	TeSys TeSys Deca
Product name	TeSys CAD
Product or Component Type	Control relay
Device short name	CAD
Contactor application	Control circuit

### Complementary

Utilisation category	AC-15 DC-13 AC-14	
Pole contact composition	3 NO + 2 NC	
[Ue] rated operational voltage	<= 690 V AC 25400 Hz	
Control circuit type	DC standard	
[Uc] control circuit voltage	110 V DC	
[Uimp] rated impulse withstand voltage	6 kV IEC 60947	
[lth] 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	screw clamp terminals 1 0.0020.006 in² (14 mm²)flexible without cable end screw clamp terminals 2 0.0020.006 in² (14 mm²)flexible without cable end screw clamp terminals 1 0.0020.006 in² (14 mm²)flexible with cable end screw clamp terminals 2 0.0020.004 in² (12.5 mm²)flexible with cable end screw clamp terminals 1 0.0020.006 in² (14 mm²)solid without cable end screw clamp terminals 2 0.0020.006 in² (14 mm²)solid without cable end	
Tightening torque	15.05 lbf.in (1.7 N.m) screw clamp terminals Philips No 2 15.05 lbf.in (1.7 N.m) screw clamp terminals flat Ø 6 mm 15.05 lbf.in (1.7 N.m) screw clamp terminals pozidriv No 2	
Control circuit voltage limits	0.10.25 Uc (-40158 °F (-4070 °C)):drop-out DC 0.71.25 Uc (-40140 °F (-4060 °C)):operational DC	

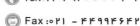
Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

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1...1.25 Uc (140...158 °F (60...70 °C)):operational DC



Operating time	5372 ms coil energisation and NO closing 1624 ms coil de-energisation and NO opening 4763 ms coil energisation and NC opening 1525 ms coil de-energisation and NC closing	
Mechanical durability	30 Mcycles	
Maximum operating rate	180 cyc/mn	
Time constant	28 ms	
Inrush power in W	5.4 W 68 °F (20 °C))	
Hold-in power consumption in W	5.4 W 68 °F (20 °C)	
Minimum switching voltage	17 V	
Minimum switching current	5 mA	
Non-overlap time	1.5 ms on energisation between NC and NO contact     1.5 ms on de-energisation between NC and NO contact	
Insulation resistance	> 10 MOhm	
Mechanical robustness	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	
Height	3.03 in (77 mm)	
Width	1.8 in (45 mm)	
Depth	3.7 in (93 mm)	
Net Weight	1.28 lb(US) (0.58 kg)	

#### **Environment**

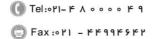
Standards	EN/IEC 60947-5-1 GB/T 14048.5 UL 60947-5-1 CSA C22.2 No 60947-5-1 JIS C8201-5-1	
Product Certifications	CB CCC UL CSA EAC CE UKCA	
IP degree of protection	IP2X front face VDE 0106	
Protective treatment	TH IEC 60068	
Ambient air temperature for operation	-40140 °F (-4060 °C) 140158 °F (6070 °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	0112
GTIN	3389110404203
Returnability	Yes
Country of origin	ID

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## **Packing Units**

Unit Type of Package 1	PCE	
Nbr. of units in pkg.	1	
Package 1 Height	1.97 in (5.000 cm)	
Package 1 Width	3.62 in (9.200 cm)	
Package 1 Length	4.41 in (11.200 cm)	
Package weight(Lbs)	18.166 oz (515.000 g)	
Unit Type of Package 2	S02	
Number of Units in Package 2	15	
Package 2 Height	5.91 in (15.000 cm)	
Package 2 Width	11.81 in (30.000 cm)	
Package 2 Length	15.75 in (40.000 cm)	
Package 2 Weight	18.199 lb(US) (8.255 kg)	
Unit Type of Package 3	P06	
Number of Units in Package 3	240	
Package 3 Height	30.31 in (77.000 cm)	
Package 3 Width	31.50 in (80.000 cm)	
Package 3 Length	23.62 in (60.000 cm)	
Package 3 Weight	291.231 lb(US) (132.100 kg)	

# **Contractual warranty**

Warranty 18 months

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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	
Carbon footprint (kg CO2 eq, Total Life cycle)	38
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	B67ac941-f42f-4afd-894a-0b6f9cefde62
REACh Regulation	REACh Declaration
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

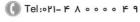
#### **Use Again**

○ Repack and remanufacture	
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.

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## **Product data sheet**

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Image of product / Alternate images

**Alternative** 

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