# 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

# **Product data sheet**





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

CAD32F7

TeSys TeSys Deca

Product availability: Stock - Normally stocked in distribution

# Main Range

Product name	TeSys CAD	
Product or Component Type	Control relay	
Device short name	CAD	
Contactor application	Control circuit	
Complementary		
Utilisation category	AC-15 AC-14 DC-13	
Pole contact composition	3 NO + 2 NC	
[Ue] rated operational voltage	<= 690 V AC 25400 Hz	
Control circuit type	AC 50/60 Hz	
[Uc] control circuit voltage	110 V AC 50/60 Hz	
[Uimp] rated impulse withstand voltage	6 kV IEC 60947	
[Ith] 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	

	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

10 A gG conforming to IEC 60947-5-1

screw clamp terminals 1 0.002...0.006 in² (1...4 mm²)flexible without cable end

600 V UL 600 V CSA 690 V IEC 60947-5-1

Rail Plate

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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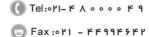
Associated fuse rating

**Mounting Support** 

**Connections - terminals** 

[Ui] rated insulation voltage

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15.05 lbf.in (1.7 N.m) screw clamp terminals pozidriv No 2



0.30.6 Uc (-40158 °F (-4070 °C)):drop-out AC 50/60 Hz 0.81.1 Uc (-40140 °F (-4060 °C)):operational AC 50 Hz 0.851.1 Uc (-40140 °F (-4060 °C)):operational AC 60 Hz 11.1 Uc (140158 °F (6070 °C)):operational AC 50/60 Hz	
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	
30 Mcycles	
180 cyc/mn	
70 VA 50 Hz (at 68 °F (20 °C))	
8 VA 50 Hz (at 68 °F (20 °C))	
17 V	
5 mA	
1.5 ms on energisation between NC and NO contact     1.5 ms on de-energisation between NC and NO contact	
> 10 MOhm	
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	
3.03 in (77 mm)	
1.8 in (45 mm)	
3.3 in (84 mm)	
3.3 III (64 IIIIII)	

# **Environment**

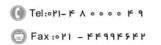
Standards	EN/IEC 60947-5-1 GB/T 14048.5 UL 60947-5-1 CSA C22.2 No 60947-5-1 JJS C8201-5-1	
Product Certifications	CB CCC UL CSA EAC CE UKCA	
IP degree of protection	IP2X front face VDE 0106	
Protective treatment	TH IEC 60068	
Ambient air temperature for operation	-40140 °F (-4060 °C) 140158 °F (6070 °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	3389110534276	
Returnability	Yes	

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Country of origin	ID	
Packing Units		
Unit Type of Package 1	PCE	
Nbr. of units in pkg.	1	
Package 1 Height	2.17 in (5.5 cm)	
Package 1 Width	3.74 in (9.5 cm)	
Package 1 Length	4.49 in (11.4 cm)	
Package weight(Lbs)	12.5 oz (353 g)	
Unit Type of Package 2	S02	
Number of Units in Package 2	20	
Package 2 Height	5.91 in (15 cm)	
Package 2 Width	11.81 in (30 cm)	
Package 2 Length	15.75 in (40 cm)	
Package 2 Weight	16.700 lb(US) (7.575 kg)	
Unit Type of Package 3	P06	
Number of Units in Package 3	320	
Package 3 Height	31.50 in (80 cm)	
Package 3 Width	31.50 in (80 cm)	
Package 3 Length	23.62 in (60 cm)	
Package 3 Weight	282.4 lb(US) (128.1 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)	17
Environmental Disclosure	Product Environmental Profile

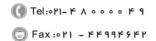
### **Use Better**

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**

# CAD32F7



Image of product / Alternate images

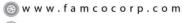
## **Alternative**





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# CAD32F7







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