Product data sheet

Specifications





TeSys F magnetic latching contactor - 3P(3 NO) - 265 A - 48 V AC/DC coil

CR1F265E7

Discontinued on: Jul 12, 2021

Main

Main	
Range	TeSys
Product Name	TeSys F
Product Or Component Type	Magnetic latching contactor
Device Short Name	CR1F
Device Application	Control
Contactor Application	Resistive load Motor control
Utilisation Category	AC-3 AC-1 AC-4
Poles Description	3P
Power Pole Contact Composition	3 NO
[Ue] Rated Operational Voltage	1000 V AC 25200 Hz
[Ie] Rated Operational Current	265 A (at <104 °F (40 °C)) at <= 440 V AC AC-3 350 A (at <104 °F (40 °C)) at <= 440 V AC AC-1 245 A (at <104 °F (40 °C)) at <= 440 V AC AC-4
Motor Power Kw	132 kW at 400 V AC 50/60 Hz (AC-4)
Control Circuit Type	AC 50400 Hz DC standard
[Uc] Control Circuit Voltage	48 V AC 50400 Hz 48 V DC
Irms Rated Making Capacity	2940 A
Rated Breaking Capacity	2450 A at 220440 V 2200 A at 500 V 800 A at 1000 V 1700 A at 660/690 V
[Icw] Rated Short-Time Withstand Current	2200 A 104 °F (40 °C) - 1 s 2200 A 104 °F (40 °C) - 5 s 2200 A 104 °F (40 °C) - 10 s 1230 A 104 °F (40 °C) - 30 s 950 A 104 °F (40 °C) - 1 min 620 A 104 °F (40 °C) - 3 min 480 A 104 °F (40 °C) - 10 min
Associated Fuse Rating	315 A aM at <= 440 V 400 A BS88 at <= 440 V 400 A gG at <= 440 V
Average Impedance	0.32 mOhm - Ith 350 A 50 Hz

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

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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[Ui] Rated Insulation Voltage	1000 V IEC 60158-1 1000 V IEC 60947-4 1000 V BS 775 1500 V VDE 0110 group C
Power Dissipation Per Pole	22 W AC-3 39 W AC-1
Connections - Terminals	lugs-ring terminals 1 0.37 in² (240 mm²) connector 1 0.37 in² (240 mm²) bars 2 32 x 4 mm Power circuit bolted connection
Tightening Torque	309.78 lbf.in (35 N.m)
Operating Time	4075 ms latching 50100 ms unlatching
Mechanical Durability	1 Mcycles
Maximum Operating Rate	120 cyc/h 104 °F (40 °C)

Complementary

Control Circuit Voltage Limits	Latching: 0.851.1 Uc Unlatching: 0.851.1 Uc
Average Consumption	1800 VA AC 50400 Hz latching 12 VA AC 50400 Hz unlatching 1800 VA DC latching 12 VA DC unlatching

Environment

Protective Treatment	TC
Ambient Air Temperature For Operation	5158 °F (-1570 °C)
Ambient Air Temperature For Storage	-76176 °F (-6080 °C)
Operating Altitude	9842.52 ft (3000 m) without derating
Height	7.99 in (203 mm)
Width	7.93 in (201.5 mm)
Depth	8.39 in (213 mm)
Net Weight	16.31 lb(US) (7.4 kg)

Ordering and shipping details

Category	22336-CTR,F-LINE,AC,OPEN,NONREV
Discount Schedule	112
Gtin	3389110548310
Returnability	No
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.84 in (25 cm)
Package 1 Width	9.84 in (25 cm)
Package 1 Length	9.88 in (25.1 cm)

Package 1 Weight

17.70 lb(US) (8.03 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

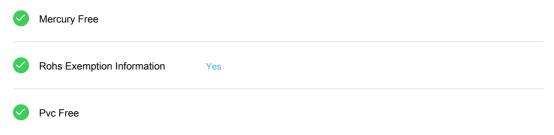
Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance



Certifications & Standards

Eu Rohs Directive	Compliant
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
	Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Weee Circularity Profile	