

# Product data sheet

Specifications



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

CR1F265EZ7

⚠ Discontinued

### Main

Range	TeSys
Product Name	TeSys F
Product Or Component Type	Magnetic latching contactor
Device Short Name	CR1F
Contactor Application	Resistive load Motor control
Utilisation Category	AC-1 AC-3 AC-4
Poles Description	3P
Power Pole Contact Composition	3 NO
[Ue] Rated Operational Voltage	1000 V AC 25...200 Hz
[Ie] Rated Operational Current	265 A (at <40 °C) at <= 440 V AC AC-3 350 A (at <40 °C) at <= 440 V AC AC-1 245 A (at <40 °C) at <= 440 V AC AC-4
Control Circuit Type	DC low consumption
[Uc] Control Circuit Voltage	48 V DC
Irms Rated Making Capacity	2940 A
Rated Breaking Capacity	2450 A at 220...440 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 40 °C - 1 s 2200 A 40 °C - 5 s 2200 A 40 °C - 10 s 1230 A 40 °C - 30 s 950 A 40 °C - 1 min 620 A 40 °C - 3 min 480 A 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
[Ui] Rated Insulation Voltage	1000 V conforming to IEC 60158-1 1000 V conforming to IEC 60947-4 1000 V conforming to BS 775 1500 V conforming to VDE 0110 group C
Power Dissipation Per Pole	22 W AC-3 39 W AC-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

Connections - Terminals	Lugs-ring terminals 1 cable(s) 240 mm² Connector 1 cable(s) 240 mm² Bars 2 cable(s) - busbar cross section: 32 x 4 mm
Tightening Torque	35 N.m
Operating Time	40...75 ms latching 50...100 ms unlatching
Mechanical Durability	1 Mcycles
Maximum Operating Rate	120 cyc/h 40 °C

## Complementary

Control Circuit Voltage Limits	Latching: 0.85...1.1 Uc Unlatching: 0.85...1.1 Uc
Average Consumption	500 W DC latching 40 W DC unlatching

## Environment

Protective Treatment	TC
Ambient Air Temperature For Operation	-15...70 °C
Ambient Air Temperature For Storage	-60...80 °C
Operating Altitude	3000 m without derating
Height	203 mm
Width	201.5 mm
Depth	213 mm
Net Weight	7.4 kg

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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

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[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

✓ Pvc Free

## 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](#)

**Circularity Profile**   [End of Life Information](#)

**California Proposition 65**   **WARNING:** This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)