

Product datasheet

Specifications



bistable contactor CR1-F - 3 poles - AC-3 440V 265 A - coil 127 V

CR1F265GZ7

EAN Code: 3389110548341

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Main

Range	TeSys
Product name	TeSys F
Product or component type	Magnetic contactor
Device short name	CR1F
Utilisation category	AC-1 AC-3
Poles description	3P
power pole contact composition	3 NO
[Ue] rated operational voltage	Power circuit: 1000 V AC Power circuit: 1000 V DC
[Ie] rated operational current	245 A (at <40 °C) AC/DC AC-4 for power circuit 265 A (at <40 °C) AC/DC AC-3 for power circuit 350 A (at <40 °C) AC/DC AC-1 for power circuit
[Uc] control circuit voltage	127 V DC
[Ith] conventional free air thermal current	350 A (at 40 °C) for power circuit
Irms rated making capacity	2940 A for power circuit
Rated breaking capacity	2200 A at 500 V for power circuit 2450 A at 220...440 V for power circuit 800 A at 1000 V for power circuit 1700 A at 600...690 V for power circuit
Associated fuse rating	315 A aM for power circuit 400 A BS88 for power circuit 400 A gG for power circuit
Average impedance	0.32 Ohm - Ith 350 A 50 Hz for control circuit
[Ui] rated insulation voltage	Control circuit: 1000 V conforming to BS 775 Control circuit: 1000 V conforming to IEC 60158-1 Control circuit: 1000 V conforming to IEC 60947-4 Control circuit: 1500 V conforming to VDE 0110 group C
Power dissipation per pole	22 W AC-3 39 W AC-1
Operating time	45...50 ms latching 50...100 ms unlatching
Mechanical durability	1000000 cycles
Maximum operating rate	120 cyc/mn 40 °C
Coil type	Low consumption

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	TH
Ambient air temperature for operation	-15...70 °C
Operating altitude	3000 m without derating
Operating position	+/- 5°
Height	370 mm
Width	201.5 mm
Depth	213 mm
Net weight	7.4 kg
Quantity per set	Set of 10

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

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 >](#)

Use Longer



Lifetime extension

Repair

No