

Product datasheet

Specifications



contacteur bistable CR1F 3P AC3 440V 265 A bobine 380 à 400 V

CR1F265Q7

⚠ Discontinued on: 18 Sept 2020

EAN Code: 3389110548396

⚠ Discontinued

Main

| | |
|---|--|
| Range | TeSys |
| Product name | TeSys F |
| Product or component type | Magnetic contactor |
| Device short name | CR1F |
| Utilisation category | AC-4 AC-1 |
| 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 | 265 A (at <40 °C) AC/DC AC-1 for power circuit 245 A AC-4 |
| [Uc] control circuit voltage | 380 V AC 50/60 Hz 380 V AC 400 Hz 380 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 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 | 39 W AC-1 44 W AC-4 |
| Connections - terminals | Bolted connection |
| Operating time | 45...50 ms latching 50...100 ms unlatching |
| Mechanical durability | 1000000 cycles |
| Maximum operating rate | 120 cyc/mn 40 °C |
| Coil type | Standard |

Complementary

| | |
|---------------------------------------|---|
| Control circuit voltage limits | Latching: 0.85...1.1 Uc Unlatching: 0.85...1.1 Uc |
| average consumption | 1650 VA AC 50/60 Hz latching 12 VA AC 400 Hz unlatching 1800 VA AC 400 Hz latching 9 VA AC 50/60 Hz unlatching 12 VA DC unlatching 1800 VA DC latching |

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 |

Packing Units

| | |
|-------------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 25 cm |
| Package 1 Width | 25 cm |
| Package 1 Length | 25.1 cm |
| Package 1 Weight | 8.03 kg |



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 Better



Materials and Substances

PVC free

Yes

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins