

# Product datasheet

Specifications



## bistable contactor CR1-F - 3 poles - AC-3 440V 150 A - coil 415 V

CR1F150N7

EAN Code: 3389110547948

! Discontinued

### Main

Range	TeSys
Product name	TeSys F
Product or component type	Magnetic contactor
Device short name	CR1F
Utilisation category	AC-3 AC-1 AC-4
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	150 A (at <40 °C) AC/DC AC-3 for power circuit 250 A (at <40 °C) AC/DC AC-1 for power circuit 138 A (at <40 °C) AC/DC AC-4 for power circuit
[Uc] control circuit voltage	415 V AC 50/60 Hz
[Ith] conventional free air thermal current	250 A (at 40 °C) for power circuit
Irms rated making capacity	1700 A for power circuit
Rated breaking capacity	1100 A at 600...690 V for power circuit 1200 A at 500 V for power circuit 1500 A at 220...440 V for power circuit 450 A at 1000 V for power circuit
Associated fuse rating	160 A aM for power circuit 250 A BS88 for power circuit 250 A gG for power circuit
Average impedance	0.45 Ohm - Ith 250 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	18 W AC-1 6 W AC-3 25 W AC-4
Connections - terminals	Bolted connection
Operating time	35...40 ms latching 50...100 ms unlatching
Mechanical durability	1000000 cycles
Maximum operating rate	120 cyc/mn 40 °C
Coil type	Standard

## Complementary

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<b>Control circuit voltage limits</b>	Latching: 0.85...1.1 Uc Unlatching: 0.85...1.1 Uc
<b>average consumption</b>	1100 VA AC 50/60 Hz latching 7.3 VA AC 50/60 Hz unlatching

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## Environment

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<b>Protective treatment</b>	TH
<b>Ambient air temperature for operation</b>	-15...70 °C
<b>Operating altitude</b>	3000 m without derating
<b>Operating position</b>	+/- 5°
<b>Height</b>	301 mm
<b>Width</b>	163.5 mm
<b>Depth</b>	171 mm
<b>Net weight</b>	3.5 kg
<b>Quantity per set</b>	Set of 10

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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1

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## Contractual warranty

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<b>Warranty (in months)</b>	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

### 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