

# Product data sheet

Specifications



## TeSys F magnetic latching contactor - 4P(4 NO) - 400 A - 127 V DC coil

CR1F4004GZ7

⚠ Discontinued

### Main

Range	TeSys
Product name	TeSys F
Product or Component Type	Magnetic latching contactor
Device short name	CR1F
Contactor application	Motor control Resistive load
Utilisation category	AC-1 AC-3 AC-4
Poles description	4P
power pole contact composition	4 NO
[Ue] rated operational voltage	1000 V AC 25...200 Hz
[Ie] rated operational current	400 A (at <104 °F (40 °C)) at <= 440 V AC AC-3 500 A (at <104 °F (40 °C)) at <= 440 V AC AC-1 370 A (at <104 °F (40 °C)) at <= 440 V AC AC-4
Control circuit type	DC low consumption
[Uc] control circuit voltage	127 V DC
Irms rated making capacity	4500 A
Rated breaking capacity	4000 A at 220...440 V 3500 A at 500 V 1200 A at 1000 V 3000 A at 660/690 V
[Icw] rated short-time withstand current	3600 A 104 °F (40 °C) - 1 s 3600 A 104 °F (40 °C) - 5 s 3600 A 104 °F (40 °C) - 10 s 2400 A 104 °F (40 °C) - 30 s 1700 A 104 °F (40 °C) - 1 min 1200 A 104 °F (40 °C) - 3 min 1000 A 104 °F (40 °C) - 10 min
Associated fuse rating	400 A aM at <= 440 V 500 A BS88 at <= 440 V 500 A gG at <= 440 V
Average impedance	0.28 mOhm - Ith 500 A 50 Hz
[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	45 W AC-3 70 W AC-1

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Connections - terminals</b>	lugs-ring terminals 2 0.2 in <sup>2</sup> (150 mm <sup>2</sup> ) bars 2 30 x 5 mm
<b>Tightening torque</b>	309.8 lbf.in (35 N.m)
<b>Operating time</b>	40...75 ms latching 50...100 ms unlatching
<b>Mechanical durability</b>	1 Mcycles
<b>Maximum operating rate</b>	120 cyc/h 104 °F (40 °C)

## Complementary

<b>Control circuit voltage limits</b>	Latching: 0.85...1.1 Uc Unlatching: 0.85...1.1 Uc
<b>average consumption</b>	500 W DC latching 70 W DC unlatching

## Environment

<b>Protective treatment</b>	TC
<b>Ambient Air Temperature for Operation</b>	5...158 °F (-15...70 °C)
<b>Ambient Air Temperature for Storage</b>	-76...176 °F (-60...80 °C)
<b>Operating altitude</b>	9842.52 ft (3000 m) without derating
<b>Height</b>	8.1 in (206 mm)
<b>Width</b>	10.3 in (261 mm)
<b>Depth</b>	8.6 in (219 mm)
<b>Net Weight</b>	22.5 lb(US) (10.2 kg)

## Ordering and shipping details

<b>Category</b>	22336-CTR,F-LINE,AC,OPEN,NONREV
<b>Discount Schedule</b>	I12
<b>GTIN</b>	3389118323001
<b>Returnability</b>	No
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1

## Contractual warranty

<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 >](#)



### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## 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.