



Price** : 10,955.00 USD



ⓘ Discontinued

CR1F5004M7 has not been replaced. Please contact your customer care center for more information.

Main

Range	TeSys
Product name	TeSys F
Product or component type	Magnetic latching contactor
Device short name	CR1F
Device application	Control
Contactor application	Motor control Resistive load
Utilisation category	AC-1 AC-4 AC-3
Poles description	4P
Power pole contact composition	4 NO
[Ue] rated operational voltage	1000 V AC 25...200 Hz
[Ie] rated operational current	500 A 104 °F (40 °C)) <= 440 V AC AC-3 700 A 104 °F (40 °C)) <= 440 V AC AC-1 460 A 104 °F (40 °C)) <= 440 V AC AC-4
Control circuit type	AC 50...400 Hz DC standard
[Uc] control circuit voltage	220...230 V AC 50...400 Hz 220...230 V DC
Irms rated making capacity	5000 A
Rated breaking capacity	5000 A 220...440 V 4500 A 500 V 2500 A 1000 V 3560 A 660/690 V
[Icw] rated short-time withstand current	4200 A 104 °F (40 °C) - 1 s 4200 A 104 °F (40 °C) - 5 s 4200 A 104 °F (40 °C) - 10 s 3200 A 104 °F (40 °C) - 30 s 2400 A 104 °F (40 °C) - 1 min 1500 A 104 °F (40 °C) - 3 min 1200 A 104 °F (40 °C) - 10 min

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

Associated fuse rating	500 A aM <= 440 V 800 A BS88 <= 440 V 800 A gG <= 440 V
Average impedance	0.18 mOhm - lth 700 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 88 W AC-1
Connections - terminals	lugs-ring terminals 2 0.37 in ² (240 mm ²) bars 2 40 x 5 mm Power circuit bolted connection
Tightening torque	309.78 lbf.in (35 N.m)
Operating time	40...80 ms latching 50...100 ms unlatching
Mechanical durability	1 Mcycles
Maximum operating rate	120 cyc/h 104 °F (40 °C)

Complementary

Control circuit voltage limits	Latching 0.85...1.1 Uc Unlatching 0.85...1.1 Uc
Average consumption	1800 VA AC 50...400 Hz latching 13 VA AC 50...400 Hz unlatching 1800 VA DC latching 13 VA DC unlatching

Environment

Protective treatment	TC
Ambient air temperature for operation	5...158 °F (-15...70 °C)
Ambient air temperature for storage	-76...176 °F (-60...80 °C)
Operating altitude	9842.52 ft (3000 m) without
Height	9.37 in (238 mm)
Width	11.34 in (288 mm)
Depth	9.13 in (232 mm)
Net weight	28.44 lb(US) (12.9 kg)

Ordering and shipping details

Category	22336-CTR,F-LINE,AC,OPEN,NONREV
Discount Schedule	I12
GTIN	03389110548792
Package weight(Lbs)	27.93 lb(US) (12.670 kg)
Returnability	No

Offer Sustainability

Sustainable offer status	Green Premium product
RECh Regulation	RECh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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

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

Warranty	18 months
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