



Price* : 1,847.00 USD



Main

Range	TeSys
Product name	TeSys F
Product or component type	Magnetic latching contactor
Device short name	CR1F
Device application	Control
Contactor application	Resistive load Motor control
Utilisation category	AC-4 AC-1 AC-3
Poles description	3P
Power pole contact composition	3 NO
[Ue] rated operational voltage	1000 V AC 25...200 Hz
[Ie] rated operational current	185 A 104 °F (40 °C)) <= 440 V AC AC-3 275 A 104 °F (40 °C)) <= 440 V AC AC-1 170 A 104 °F (40 °C)) <= 440 V AC AC-4
Motor power kW	90 kW 400 V AC 50/60 Hz 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	2100 A
Rated breaking capacity	1800 A 220...440 V 1600 A 500 V 600 A 1000 V 1200 A 660/690 V
[Icw] rated short-time withstand current	1500 A 104 °F (40 °C) - 1 s 1500 A 104 °F (40 °C) - 5 s 1500 A 104 °F (40 °C) - 10 s

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

	920 A 104 °F (40 °C) - 30 s 740 A 104 °F (40 °C) - 1 min 500 A 104 °F (40 °C) - 3 min 400 A 104 °F (40 °C) - 10 min
Associated fuse rating	200 A aM <= 440 V 315 A BS88 <= 440 V 315 A gG <= 440 V
Average impedance	0.36 mOhm - lth 275 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	12 W AC-3 26 W AC-1
Connections - terminals	bars 2 25 x 3 mm lugs-ring terminals 1 0.23 in ² (150 mm ²) connector 1 0.23 in ² (150 mm ²) Power circuit bolted connection
Tightening torque	159.31 lbf.in (18 N.m)
Operating time	35...40 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	1750 VA AC 50...400 Hz latching 11 VA AC 50...400 Hz unlatching 1750 VA DC latching 11 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 derating
Maximum Height	6.85 in (174 mm)
Maximum Width	6.63 in (168.5 mm)
Maximum Depth	7.13 in (181 mm)
Net Weight	10.14 lb(US) (4.6 kg)

Ordering and shipping details

Category	22331 - CTR,F-LINE,DC,OPEN,NONREV
Discount Schedule	I12
GTIN	00785901867289
Nbr. of units in pkg.	1
Package weight(Lbs)	11.21 lb(US) (5.08 kg)
Returnability	No
Country of origin	CZ

Packing Units

Package 1 Height	2.100 dm
Package 1 width	2.000 dm
Package 1 Length	2.400 dm

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause Carcinogen & Reproductive harm. For more information go to www.p65warnings.ca.gov
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.
PVC free	Yes

Contractual warranty

Warranty	18 months
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