TMC 62C 06A - Thermal-magnetic device circuit breaker

0902218

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Thermal-magnetic circuit breaker, two-pole, 6.0 A thermal trip. DIN rail mounted and UL 1077-recognized with optional auxiliary contact for either S or H remote signal. Protects wiring and equipment from overcurrent and short circuit faults.

Commercial data

Item number	0902218
Packing unit	6 pc
Minimum order quantity	6 pc
Note	Made to order (non-returnable)
Sales key	CL04
Product key	CLA121
GTIN	4046356558051
Weight per piece (including packing)	264.1 g
Weight per piece (excluding packing)	254.1 g
Customs tariff number	85362010
Country of origin	HU

Technical data

Product properties

Product type	Thermomagnetic device circuit breakers
Product family	TMC
Number of positions	2
Mechanical service life	20000

Electrical properties

Service life electrical	10000

General

Operating voltage	480 V AC (UL 1077)
	240 V AC (I_{cs} = 20 kA (IEC 60947-2))
	440 V AC (I_{cs} = 6 kA (IEC 60947-2))
	125 V DC
	12 V
Rated current I_N	6 A
Tripping method	C
Rated short-circuit switching capacity I_{cn}	10 kA (IC)
Fuse	circuit-breaker C
Contact switching type	none

Connection data

Connection method	Biconnect terminal blocks
Tightening torque	2.5 Nm ... 4.5 Nm (Torque can be application dependent with changes in temperature, vibration, and wire size. For additional assistance, contact Customer Service.)
Stripping length	12 mm
Conductor cross-section flexible min.	1 mm²
Conductor cross-section flexible max.	35 mm²

Dimensions

Width	36 mm
Height	86 mm

Material specifications

Flammability rating according to UL 94	V0

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-55 °C ... 55 °C

Standards and regulations

Standards/specifications	UL 1077
	CSA C22.2
	IEC 60947-2

Mounting

Mounting type	DIN rail: 35 mm

Classifications

UNSPSC

UNSPSC 21.0	39121410

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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