

TMC 71D 05A - Thermomagnetic device circuit breaker



1020041

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Thermomagnetic device circuit breaker, number of positions: 1, cross section: 1 mm² - 35 mm², AWG: 18 - 2, mounting type: DIN rail: 35 mm

Commercial data

Item number	1020041
Packing unit	12 pc
Minimum order quantity	12 pc
Sales key	*****
Product key	CLA126
GTIN	4055626509266
Weight per piece (including packing)	222.222 g
Weight per piece (excluding packing)	222.222 g
Customs tariff number	85362010
Country of origin	CN

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Technical data

Product properties

Type	DIN rail module, one-piece
Product type	Thermomagnetic device circuit breakers
Product family	TMC 7
Number of positions	1
Mechanical service life	20000

Electrical properties

Service life electrical	6000
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General

Operating voltage	277 V AC
	60 V DC
Rated current I_N	5 A
Tripping method	TM (thermomagnetic)
Rated short-circuit switching capacity I_{cn}	7.5 kA (240 V AC/ 60 V DC)
	5 kA (277 V AC)
Fuse	D (curve)

Connection data

Conductor cross section rigid	1 mm ² ... 35 mm ²
Cross section AWG	18 ... 2 (converted acc. to IEC)
Conductor cross section flexible	1 mm ² ... 35 mm ²
Connection method	Screw connection
Tightening torque, min	2 Nm
Conductor cross section flexible max.	35 mm ²
Conductor cross section, rigid max.	35 mm ²

Dimensions

Dimensional drawing	
Width	17.6 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-35 °C ... 70 °C
Humidity test	48 h, 95% RH, 40°C (IEC 60068-2-78)

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Shock (operation)	30g (11 ms) (IEC 60068-2-11, test Ea)
Vibration (operation)	±0.38 mm (10-57 Hz), 5g (57...500 Hz) (Sinusoidal test to IEC 60068-2-6, Test Fc. 10 frequency cycles per axis)

Standards and regulations

Standards/specifications	UL 1077
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Mounting

Mounting type	DIN rail: 35 mm
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