

# TMC 61C 40A - Thermal-magnetic device circuit breaker



0902137

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Thermal-magnetic circuit breaker, one-pole, 40 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	0902137
Packing unit	12 pc
Minimum order quantity	12 pc
Note	Made to order (non-returnable)
Sales key	CL04
Product key	CLA121
GTIN	4046356557917
Weight per piece (including packing)	144.3 g
Weight per piece (excluding packing)	125 g
Customs tariff number	85362010
Country of origin	HU

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## Technical data

### Product properties

Product type	Thermomagnetic device circuit breakers
Product family	TMC
Number of positions	1
Mechanical service life	20000

### Electrical properties

Service life electrical	10000
Maximum current with single arrangement	40 A

### General

Operating voltage	277 V AC (UL 1077)
	240 V AC ( $I_{CS} = 15 \text{ kA}$ (IEC 60947-2))
	415 V AC ( $I_{CS} = 4 \text{ kA}$ (IEC 60947-2))
	60 V DC
	12 V
Rated current $I_N$	40 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 mm <sup>2</sup>
Conductor cross-section flexible max.	35 mm <sup>2</sup>

### Dimensions

Width	18 mm
Height	86 mm

### Material specifications

Flammability rating according to UL 94	V0
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### Environmental and real-life conditions

#### Ambient conditions

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

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## Mounting

Mounting type	DIN rail: 35 mm
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## Classifications

### UNSPSC

UNSPSC 21.0	39121410
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## 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.
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### EU REACH SVHC

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