

UT 6-TMC M 6A

Order No.: 0916608

The figure shows the 10 A version



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Thermomagnetic circuit breaker, 1-pos., for DIN rail mounting

Commercial data

GTIN (EAN)	4 046356 449045
sales group	A043
Pack	6 pcs.
Customs tariff	85362010
Catalog page information	Page 49 (CL-2009)

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Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class acc. to UL 94	V0

Dimensions

Width	12.3 mm
Length	86 mm
Height NS 35/7.5	88.5 mm
Height NS 35/15	96 mm

Technical data

Fuse	normal blow
Fuse type	Automatic device
Pollution degree	2
Surge voltage category	II
Nominal current I_N	6 A
Nominal voltage U_N	240 V AC
	28 V DC
Switching capacity I_{CN}	(200 A AC)
	(400 A DC)
Ambient temperature (operation)	-5 °C ... 60 °C

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	10 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	2.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Type of connection	Screw connection
Stripping length	10 mm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

Certificates / Approvals



Certification

CSA, CUL, UL, VDE-PZI

Accessories

Item	Designation	Description
Bridges		
3030336	FBS 2-6	Plug-in bridge, Number of positions: 2, Color: red
3030242	FBS 3-6	Plug-in bridge, Number of positions: 3, Color: red
3030255	FBS 4-6	Plug-in bridge, Number of positions: 4, Color: red
3030349	FBS 5-6	Plug-in bridge, Number of positions: 5, Color: red
3030271	FBS 10-6	Plug-in bridge, Number of positions: 10, Color: red
3030365	FBS 20-6	Plug-in bridge, Number of positions: 20, Color: red

Marking

0819194	UC-TM 12	UniCard sheets, for labeling terminal blocks using a Zack marker strip groove, 40-section, labeling with BLUEMARK X1 and CMS-P1-PLOTTER, color: White
3047345	WS UT 6	Warning sign for UT terminal blocks
0812120	ZB 12:UNPRINTED	Zack marker strip without color print: 5-section, for individual labeling with B-STIFT, ZB-T or CMS system, sufficient for labeling 50 terminal blocks per pack

Tools

1205066	SZS 1,0X4,0 VDE	Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip
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