

Thermomagnetic device circuit breaker - TMC 3 M1 122 1,0A - 0915331

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Thermomagnetic circuit breaker, 3-pos., normal blow, 1 N/O contact and 2 N/C contact, with universal foot for mounting on NS 32 or NS 35

The illustration shows version TMC 1
F1 100 1A



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	200.0 GRM
Custom tariff number	85362010
Country of origin	Germany

Technical data

General

Number of levels	2
Number of connections	4
Mounting type	DIN rail: 35 mm
Color	black
Number of positions	3
Surge voltage category	III
Insulating material	PA-F
Inflammability class according to UL 94	V0

Electrical data

Fuse type	Automatic device
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Switching capacity I _{CN}	400 A for nominal currents 0.2 - 5 A

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Electrical data

	800 A for nominal currents 6 - 16 A
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Dimensions

Height	82.5 mm
Width	12.5 mm
Depth	96 mm

Ambient conditions

Ambient temperature (operation)	-30 °C ... 60 °C
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Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 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.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.75 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 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.	2.5 mm ²
Connection method	Screw connection
Stripping length	12 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

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Classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116

ETIM

ETIM 2.0	EC000899
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

UNSPSC

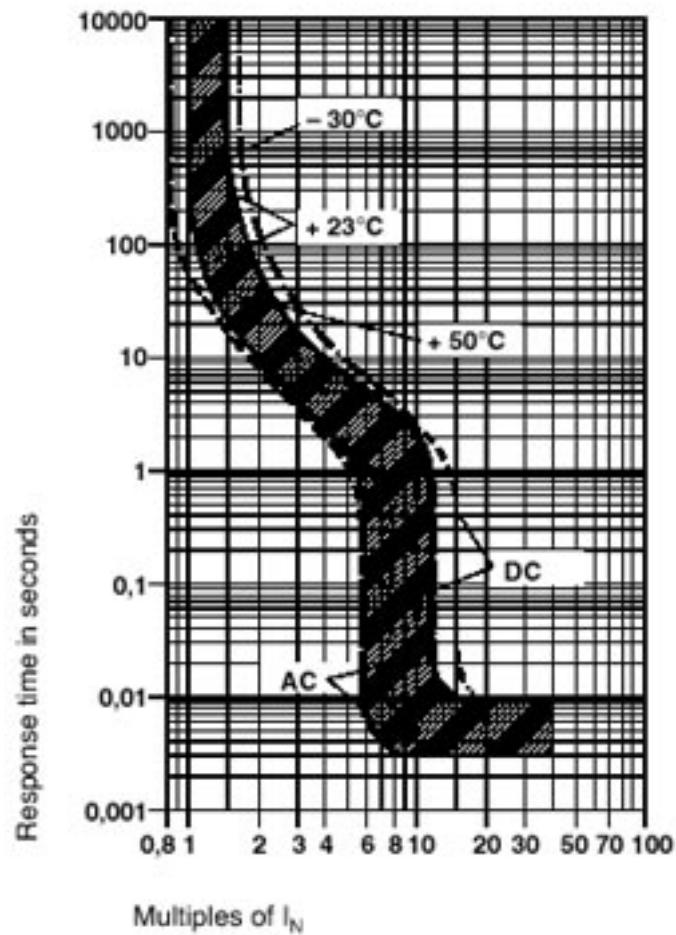
UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

Drawings

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Diagram

lower tripping limit: $1.05 I_N$
upper tripping limit: $1.4 I_N$



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Dimensioned drawing

