

TMC 2 M1 120 0,1A - Thermal-magnetic device circuit breaker



0915031

<https://www.phoenixcontact.com/us/products/0915031>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

Commercial data

Item number	0915031
Packing unit	3 pc
Minimum order quantity	3 pc
Sales key	CL04
Product key	CLA121
GTIN	4046356338684
Weight per piece (including packing)	135.6 g
Weight per piece (excluding packing)	77.77 g
Customs tariff number	85362010
Country of origin	DE

TMC 2 M1 120 0,1A - Thermal-magnetic device circuit breaker



0915031

<https://www.phoenixcontact.com/us/products/0915031>

Technical data

Product properties

Product type	Thermomagnetic device circuit breakers
Product family	TMC
Type	DIN rail module, one-piece
Number of positions	2
Number of connections	4
Number of rows	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Automatic device
Rated surge voltage	4 kV

General

Fuse	M1 (normal blow)
Contact switching type	1 N/O contact
	1 N/C contact

Connection data

Main contact

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	12 mm
Internal cylindrical gage	A3
Conductor cross-section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
2 conductors with same cross section, rigid	0.2 mm ² ... 0.75 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 0.75 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 2.5 mm ²
Nominal current	0.1 A
Nominal voltage	250 V AC
	65 V DC

TMC 2 M1 120 0,1A - Thermal-magnetic device circuit breaker



0915031

<https://www.phoenixcontact.com/us/products/0915031>

Auxiliary contact

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	12 mm
Internal cylindrical gage	A1
Conductor cross-section rigid	0.2 mm ² ... 2.5 mm ²
Cross section AWG	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 1.5 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 1.5 mm ²
2 conductors with same cross section, rigid	0.2 m ² ... 0.75 m ²
2 conductors with same cross section, flexible	0.2 m ² ... 0.75 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 0.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 0.75 mm ²
Nominal voltage	250 V AC
	65 V DC

Dimensions

Width	25 mm
Height	83.5 mm
Height NS 35/15	103.5 mm
Height NS 35/7,5	96 mm
Height NS 32	100.5 mm
Depth	96 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA-F

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Environmental and real-life conditions

Ambient conditions

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

Mounting

Mounting type	DIN rail: 35 mm
---------------	-----------------

TMC 2 M1 120 0,1A - Thermal-magnetic device circuit breaker



0915031

<https://www.phoenixcontact.com/us/products/0915031>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0915031>



CSA

Approval ID: 074317



UL Recognized

Approval ID: FILE E 140459



VDE Zeichengenehmigung

Approval ID: 40029348

TMC 2 M1 120 0,1A - Thermal-magnetic device circuit breaker



0915031

<https://www.phoenixcontact.com/us/products/0915031>

Classifications

ECLASS

ECLASS-13.0	27140401
ECLASS-15.0	27140401

ETIM

ETIM 10.0	EC003538
-----------	----------

UNSPSC

UNSPSC 21.0	39121410
-------------	----------

TMC 2 M1 120 0,1A - Thermal-magnetic device circuit breaker



0915031

<https://www.phoenixcontact.com/us/products/0915031>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

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.)	Lead(CAS: 7439-92-1)
-------------------------------------	----------------------

EF3.1 Climate Change

CO2e kg	7.812 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com