



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Thermomagnetic device circuit breaker - TMC 1 M1 200 1,0A - 0914617

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 6 STK |
| GTIN | |
| GTIN | 4017918009298 |
| Sales Key | 04 |

Technical data

General

| | |
|--|-----------------|
| Number of levels | 2 |
| Number of connections | 4 |
| Mounting type | DIN rail: 35 mm |
| Color | black |
| Number of positions | 1 |
| Overvoltage category_GRP | II |
| Insulating material | PA66 |
| Flammability rating according to UL 94 | V-2 |

Electrical data

| | |
|---|-----------------------------|
| Fuse type | Automatic device |
| Rated surge voltage | 2.5 kV |
| Rated voltage | 250 V AC |
| | 65 V DC |
| Rated current I_N | 1 A |
| Insulation resistance R_{iso} | > 100 M Ω (500 V DC) |
| Rated short-circuit switching capacity I_{cn} | 400 A |

Thermomagnetic device circuit breaker - TMC 1 M1 200 1,0A - 0914617

Technical data

Electrical data

| | |
|--|---------------------------------------|
| | 2500 A (32 V DC) |
| Short-circuit switching capacity I_k | 5000 A (UL 1077: 277 V AC) |
| | 2000 A (UL 1077: 65 V DC) |
| Dielectric strength | 3000 V AC (Actuation area) |
| | 3000 V AC (Main to auxiliary circuit) |
| Switching cycles, max. | 10000 (At 1 x I_n , inductive) |
| Degree of pollution | 2 |
| Overvoltage category_GRP | II |
| Insulating material group | II |

Dimensions

| | |
|--------|---------|
| Height | 82.5 mm |
| Width | 12.5 mm |
| Depth | 96 mm |

Ambient conditions

| | |
|---------------------------------|------------------------|
| Degree of protection | IP30 (Actuation area) |
| | IP20 (Connection area) |
| Ambient temperature (operation) | -30 °C ... 60 °C |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, 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 |

Thermomagnetic device circuit breaker - TMC 1 M1 200 1,0A - 0914617

Technical data

Connection data

| | |
|---------------------------|--------|
| Stripping length | 12 mm |
| Internal cylindrical gage | A3 |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |

Standards and Regulations

| | |
|--------------------------|----------|
| Standards/specifications | EN 60934 |
| | UL 1077 |

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

Approvals

Approvals

Approvals


CSA / UL Recognized / VDE Zeichengenehmigung / EAC / EAC


Ex Approvals

Approval details

| | | | |
|-----|---|---|--------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 074317 |
|-----|---|---|--------|

| | | | |
|---------------|---|---|---------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 140459 |
|---------------|---|---|---------------|

| | | | |
|------------------------|---|---|----------|
| VDE Zeichengenehmigung |  | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40029348 |
|------------------------|---|---|----------|

| | | | |
|-----|---|--|---------------|
| EAC |  | | EAC-Zulassung |
|-----|---|--|---------------|

Thermomagnetic device circuit breaker - TMC 1 M1 200 1,0A - 0914617

Approvals

EAC



RU C-
DE.A*30.B01546

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>