

**INDUSTRIAL COMPONENT DATA**

# TMC 1 F1 200 1,0A 0914251 PHOENIX CONTACT

## Thermomagnetic device circuit breaker

Brand: PHOENIX CONTACT | Manufacturer Part Number: TMC 1 F1 200 1,0A



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | TMC 1 F1 200 1,0A      |
| Catalog number  | 0914251                |
| Category        | Device circuit breaker |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-2877F08CCE          |
| Generated       | 2026-08-06             |

### Product Overview

Thermomagnetic device circuit breaker

Thermomagnetic protection switch, 1 pole, fast, 1 closed contact, with universal foot for mounting on NS 32 or NS 35

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

**STRUCTURED PRODUCT DATA**

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path      PHOENIX CONTACT &gt; Over Current Protection

### Additional Product Information

Technical dataProduct propertiesProduct type Thermomagnetic device circuit breakers

Product family TMC

Type DIN rail module, one-piece

Number of positions 1

Number of connections 4

Number of rows 2

No. of channels 1

Data management status

Article revision 04

Insulation characteristics

Overvoltage category II

Degree of pollution 2

Electrical propertiesFuse type Automatic device

**General**

Rated voltage 65 V DC

Rated current I<sub>N</sub> 1 A

Rated surge voltage 2.5 kV

Insulation resistance R<sub>iso</sub> > 100 M $\Omega$  (500 V DC)

Auxiliary circuit 240 V AC / 1 A (Low-induction)

65 V AC / 1 A (Low-induction)

Tripping method TM (thermomagnetic)

Device resistance 1.6  $\Omega$ Rated short-circuit switching capacity I<sub>cn</sub> 2500 A (32 V DC)

Short-circuit switching capacity 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<sub>N</sub>, inductive)

Fuse F1 (fast blow)

Indicator/remote signaling

Connection name Auxiliary contact

Operating voltage 250 V AC

65 V DC

Operating current 1 A AC (Low-induction)

Connection data Main contact

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<sup>2</sup> ... 6 mm<sup>2</sup>

Cross section AWG 24 ... 10 (converted acc. to IEC)

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>Conductor cross-section flexible (ferrule without plastic sleeve) 0.25 mm<sup>2</sup> ... 4 mm<sup>2</sup>Flexible conductor cross section (ferrule with plastic sleeve) 0.25 mm<sup>2</sup> ... 2...**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / TMC 1 F1 200 1,0A with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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