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Thermal device circuit breaker - TCP 5/DC32V - 0700005

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Thermal device circuit breaker, Number of positions: 1, Nominal current: 5 A, Nominal voltage: 32 V, Width: 6 mm, Fuse type: Slow-blow, Fuse type: Automatic device, Mounting type: On base element, Color: light brown

Product Features

☑ Compact design with precise nominal current levels

☑ A version with screw or spring-cage connection is used as a basic terminal block

☑ In the event of an error, the time-sensitive search for a suitable replacement fuse is eliminated thanks to the reclosure function

☑ Fits in all fuse holders designed for flat-type fuse inserts according to ISO 8820-3 (DIN 72581-3)

☑ Plug-in thermal miniature circuit breakers combine the protective mechanism of an auto flat-type fuse with the advantages of a circuit breaker

☑ The area of application extends to the protection of integrated circuits in all battery and onboard systems with up to 32 V DC

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	4.044 GRM
Custom tariff number	85362010
Country of origin	Germany

Technical data

General

Mounting type	On base element
Color	light brown
Number of positions	1
Insulating material	PA

Electrical data

Fuse	Slow-blow
Fuse type	Automatic device
Rated voltage	32 V DC

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Technical data

Electrical data

Rated current I_n	5 A
Rated short-circuit switching capacity I_{cn}	150 A ($\geq$ 3 switch-offs)
	2000 A ($\geq$ 1 switch-off)
	$\leq$ 50 A (300 switch-offs)

Dimensions

Height	20.3 mm
Width	6 mm
Depth	24 mm

Ambient conditions

Degree of protection	IP30 (Actuation area)
Ambient temperature (operation)	-40 °C ... 85 °C

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
eCl@ss 7.0	27141116
eCl@ss 8.0	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
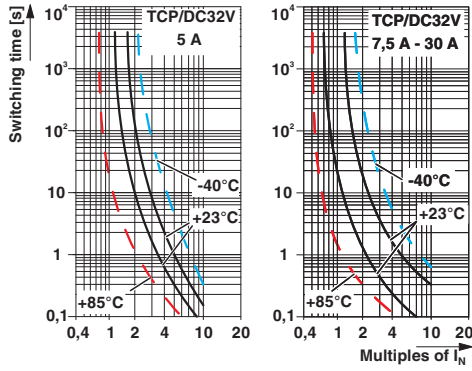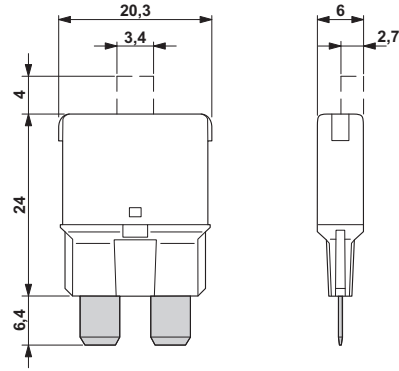
Trigger characteristic

Dimensioned drawing

Application drawing