

Thermal device circuit breaker - TCP 40/DC32V - 0700040

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>)



Thermal device circuit breaker, number of positions: 1, nominal current: 40 A, nom. voltage: 32 V, width: 6 mm, fuse type: Slow-blow, fuse type: Automatic device, mounting type: on base element, Color: orange

Why buy this product

- ✓ 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)
- ✓ The plug-in thermal miniature circuit-breaker combines the protective mechanism of an automotive 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

RoHS

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	5.000 g
Custom tariff number	85362010
Country of origin	Germany

Technical data

General

Mounting type	on base element
Color	orange
Number of positions	1
Insulating material	PA

Electrical data

Fuse	Slow-blow
------	-----------

Thermal device circuit breaker - TCP 40/DC32V - 0700040

Technical data

Electrical data

Fuse type	Automatic device
Rated voltage	32 V DC
Rated current I_N	40 A
Rated short-circuit switching capacity I_{cn}	150 A (≥ 3 switch-offs)
	2000 A (≥ 1 switch-off)
	≤ 50 A (300 switch-offs)

Dimensions

Height	20.3 mm
Width	6 mm
Depth	24 mm

Ambient conditions

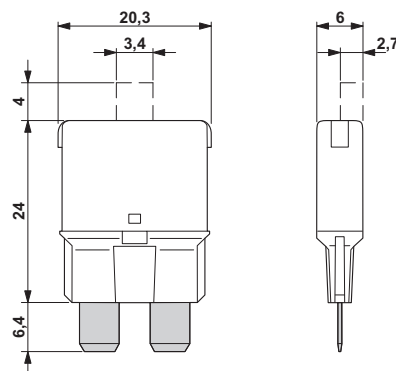
Degree of protection	IP30 (Actuation area)
Ambient temperature (operation)	-40 °C ... 85 °C

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

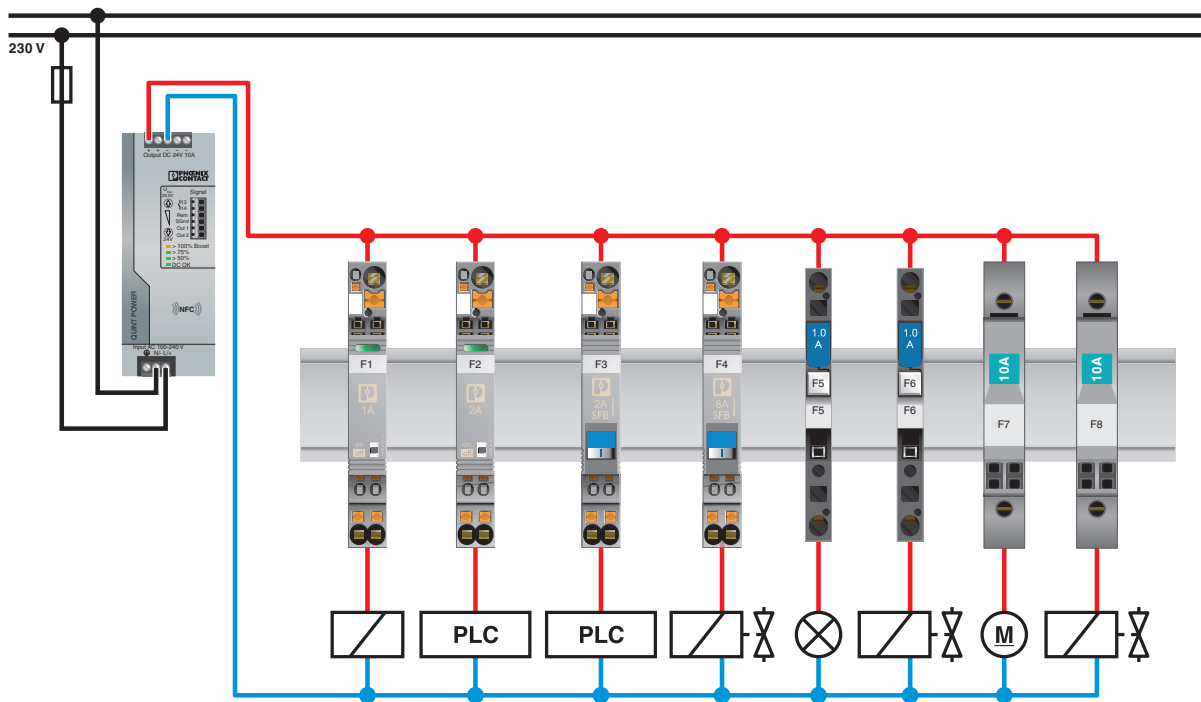
Drawings

Dimensional drawing



Thermal device circuit breaker - TCP 40/DC32V - 0700040

Application drawing



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
eCl@ss 9.0	27141116

ETIM

ETIM 2.0	EC000899
ETIM 3.0	EC000899
ETIM 4.0	EC000899

Thermal device circuit breaker - TCP 40/DC32V - 0700040

Classifications

ETIM

ETIM 5.0	EC000899
ETIM 6.0	EC000899

UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B01546
-----	---	-------------------------

EAC		EAC-Zulassung
-----	---	---------------