

TCP 30/DC32V - Thermal device circuit breaker



0700030

<https://www.phoenixcontact.com/us/products/0700030>

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Thermal device circuit breaker, number of positions: 1, nominal current: 30 A, nom. voltage: 32 V, fuse type: Slow-blow, fuse type: Automatic device, mounting type: on base element

Your advantages

- Fast, replacement part-free recommissioning after an event with the reconnection options
- Easy to retrofit in existing systems with vehicle flat-type fuses with identical pin connector pattern
- Easy identification of the nominal current value via color marking

Commercial data

Item number	0700030
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	CL15
Product key	CLA112
Catalog page	Page 400 (C-4-2019)
GTIN	4046356079884
Weight per piece (including packing)	4.1 g
Weight per piece (excluding packing)	4.1 g
Customs tariff number	85362010
Country of origin	DE

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Technical data

Product properties

Type	Male
Product type	Thermal device circuit breakers
Number of positions	1
No. of channels	1

Electrical properties

Fuse type	Automatic device
Fuse	Slow-blow

General

Rated voltage	32 V DC
Rated current I_N	30 A
Rated short-circuit switching capacity I_{cn}	150 A (≥ 3 shutdowns)
	2000 A (≥ 1 switch-off)
	≤ 50 A (300 switch-offs)
Short-circuit switching capacity	2000 A (≥ 1 switch-off)
Voltage drop	< 150 mV

Connection data

Note	The reset button must not be obstructed!
Nominal current	30 A
Nominal voltage	32 V AC
	32 V DC
Connection method	pluggable

Dimensions

Dimensional drawing	
Width	6 mm
Height	20.3 mm
Depth	30.4 mm

Material specifications

Color	yellow green (RAL 6018)
Material	PA
Insulating material	PA

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Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP30 (Actuation area)
Ambient temperature (operation)	-40 °C ... 85 °C
Humidity test	240 h, 95 % RH, 40 °C

Mounting

Mounting type	on base element
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Classifications

ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27140401

ETIM

ETIM 9.0	EC000899
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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