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Thermal device circuit breaker - TCP 2A - 0712217

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Thermal miniature circuit breaker, pluggable in screw-type fuse terminal block UK 6-FSI/C and spring-cage fuse terminal block ST 4-FSI/C

Product Features

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

☑ The reclosable thermal circuit breaker is available in ten nominal current levels ranging from 0.1 to 10 A

☑ Compact design

☑ The integrated switching function enables immediate reclosure and therefore ensures the availability of the system

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	11.28 GRM
Custom tariff number	85362010
Country of origin	Indonesia

Technical data

General

Installation instructions	When mounted in rows, the nominal device current can be limited to just 80% or must be overdimensioned accordingly.
Mounting type	On base element
Color	black
Number of positions	1
Surge voltage category	II
Insulating material	PPS
Inflammability class according to UL 94	V0

Electrical data

Fuse	Slow-blow

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Technical data

Electrical data

Fuse type	Automatic device
Rated surge voltage	2.5 kV
Rated voltage	250 V AC
	65 V DC
	250 V (AC according to UL 1077)
	72 V (DC according to UL 1077)
Rated current I_n	2 A
Insulation resistance R_{iso}	> 100 MΩ (500 V DC)
Rated short-circuit switching capacity I_{cn}	12 A (250 V AC / 65 V DC)
	20 A (30 V DC)
Short-circuit switching capacity I_k	2000 A 250 V AC / UL 1077
	2000 A 72 V DC / UL 1077
Dielectric strength	3000 V AC (Actuation area)
	1500 V AC (Installation area)
Cycles, max.	6000 (At 1 x I_n, low-induction)
	3000 (At 1 x I_n, inductive)
	500 (At 2 x I_n, inductive)
Pollution degree	2
Surge voltage category	II
Insulating material group	IIIb

Dimensions

Height	24.4 mm
Width	8.2 mm
Depth	44.5 mm
Height NS 35/7,5	55 mm

Ambient conditions

Degree of protection	IP40 (Actuation area)
Ambient temperature (operation)	-20 °C ... 60 °C

Standards and Regulations

Standards/specifications	EN 60934

Classifications

eCl@ss

eCl@ss 4.0	27141116

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Classifications

eCl@ss

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

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE Zeichengenehmigung / cUL Recognized / GOST / cULus Recognized

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Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA	
Nominal current IN	2 A
Nominal voltage UN	250 V

UL Recognized

VDE Zeichengenehmigung

cUL Recognized

GOST

cULus Recognized

Accessories

Accessories

Terminal marking

Flat zack marker sheet - ZBFM 5/WH:UNBEDRUCKT - 0803595

Flat zack marker sheet, Sheet, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 5 x 4.5 mm

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Accessories

Flat zack marker sheet - ZBFM 5/OG:UNBEDRUCKT - 0807180

Flat zack marker sheet, Sheet, orange, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 5 x 4.5 mm

Additional products

Fuse modular terminal block - UK 6-FSI/C - 3118203

Flat-type fuse terminal block, cross section: 0.2 - 6 mm², AWG: 26 - 8, width: 8.2 mm, color: black

Fuse modular terminal block - ST 4-FSI/C - 3036372

Fuse modular terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm²- 6 mm², AWG: 28 - 10, Nominal current: 30 A, Nominal voltage: 400 V, Width: 8.2 mm, Fuse type: C, Fuse type: Flat, Mounting type: NS 35/7,5, NS 35/15, Color: black

Fuse modular terminal block - ST 4-FSI/C-LED 24 - 3036505

Fuse terminal block with LED for mounting on NS 35, for miniature circuit breakers, terminal width: 8.2 mm, color: Black

Fuse modular terminal block - UK 6-FSI/C - 3118203

Flat-type fuse terminal block, cross section: 0.2 - 6 mm², AWG: 26 - 8, width: 8.2 mm, color: black

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Accessories

Fuse modular terminal block - UK 6-FSI/C-LED12 - 3001925

Flat-type fuse terminal block, cross section: 0.2 - 6 mm², AWG: 26 - 8, width: 8.2 mm, color: black, with light indicator, voltage light indicator: 12 V DC, current light indicator: 2 mA
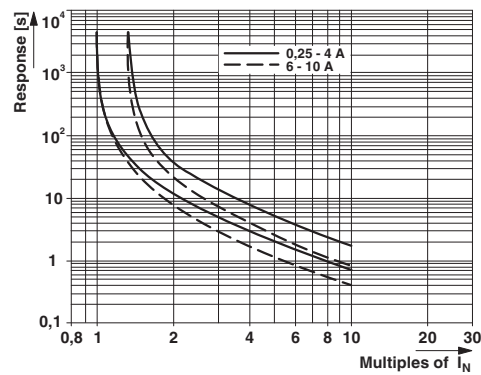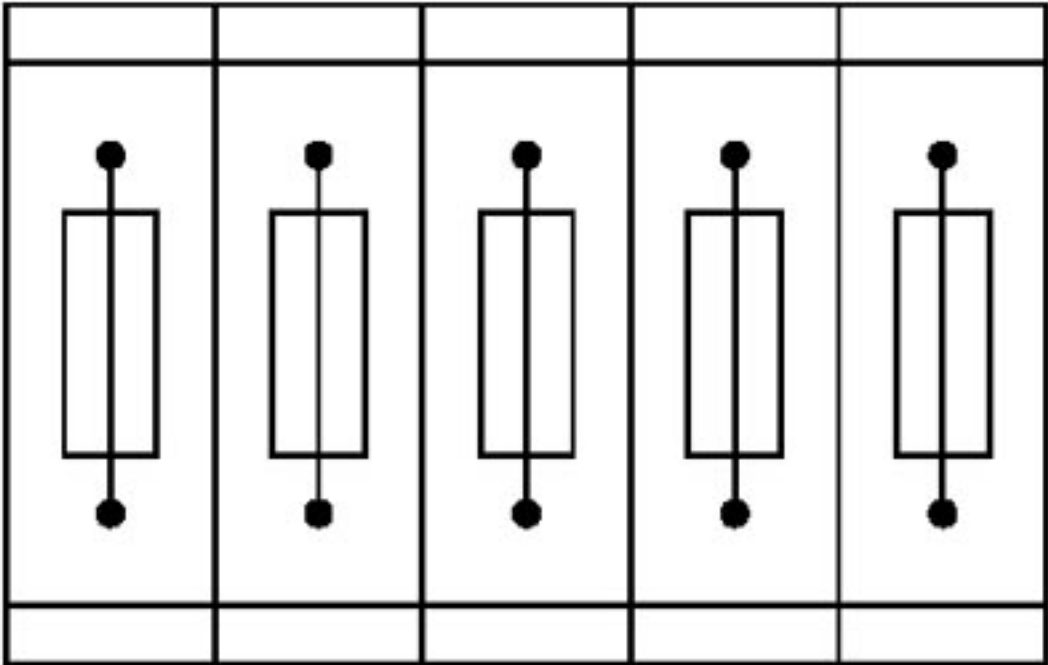
Fuse modular terminal block - UK 6-FSI/C-LED24 - 3001938

Flat-type fuse terminal block, cross section: 0.2 - 6 mm², AWG: 26 - 8, width: 8.2 mm, color: black, with light indicator, voltage light indicator: 24 V DC, current light indicator: 2 mA

Drawings

Diagram

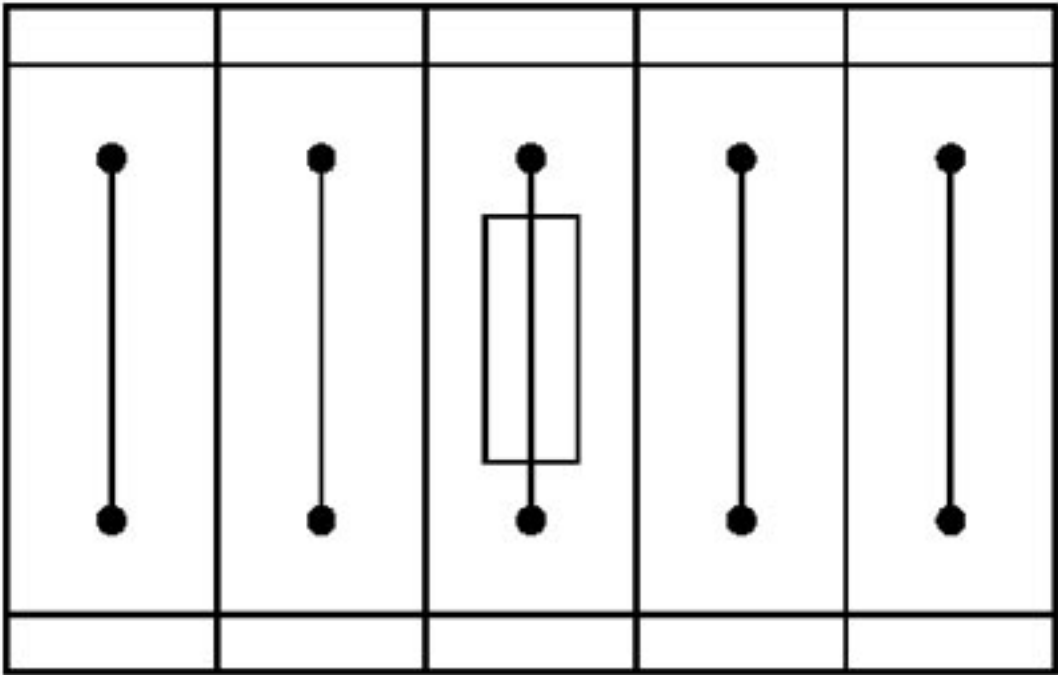# Thermal device circuit breaker - TCP 2A - 0712217

Application drawing

Fuse terminal blocks in interconnected arrangement,
block consisting of 5 fuse terminal blocks
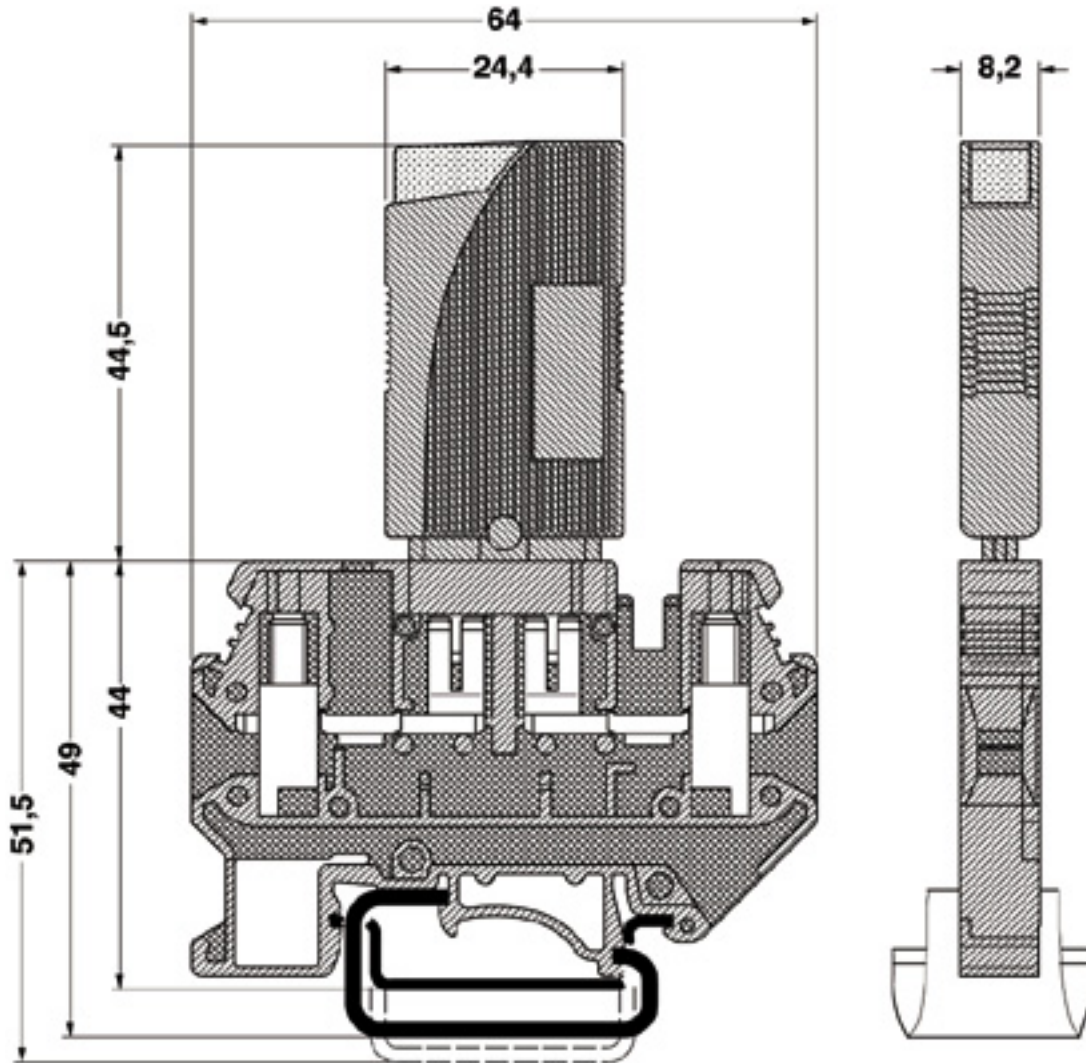
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Application drawing

Fuse terminal block in single arrangement,
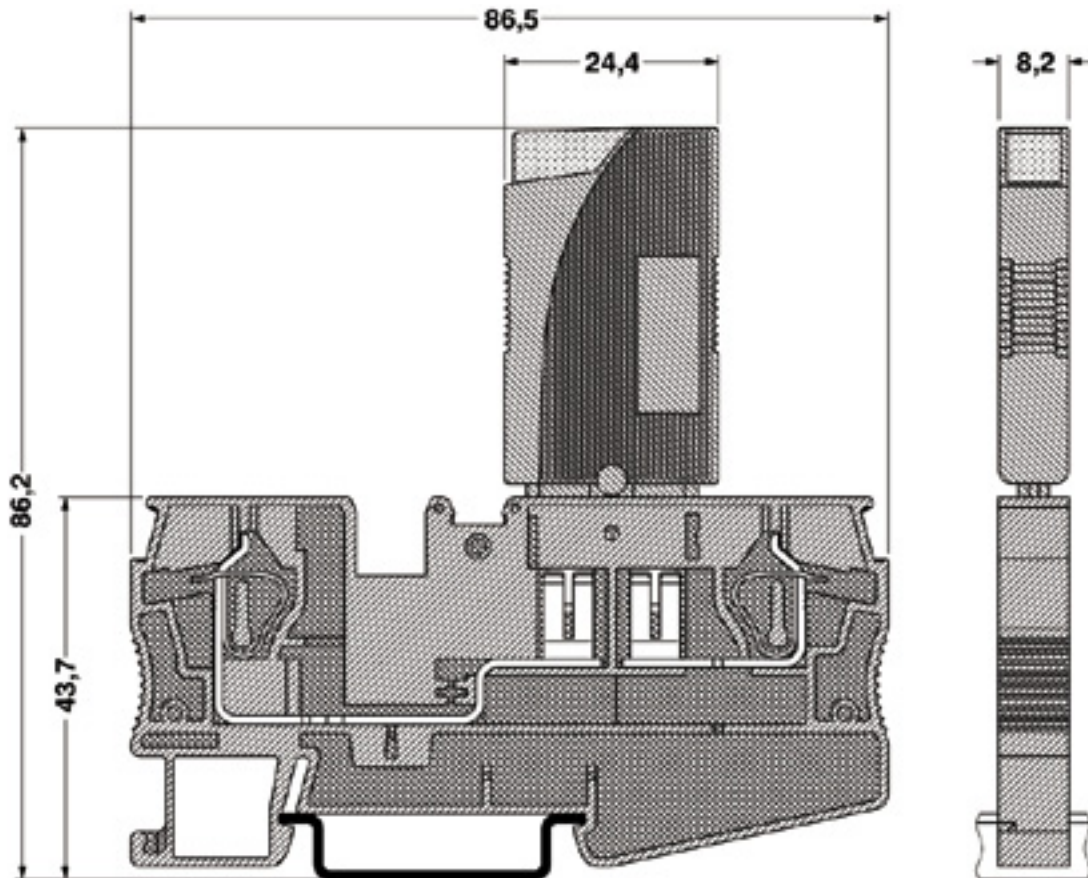block consisting of one fuse terminal block and 4 feed-through terminal blocks

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Dimensioned drawing

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Application drawing