

Thermal device circuit breaker - TCP 6A - 0712275

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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

Why buy this product

- 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	20 pc
GTIN	 4 017918 848392
GTIN	4017918848392
Sales Key	07

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
Overvoltage category_GRP	II
Insulating material	PPS
Flammability rating according to UL 94	V0

Electrical data

Fuse	Slow-blow
Fuse type	Automatic device

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Electrical data

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	6 A
Insulation resistance R_{iso}	> 100 M Ω (500 V DC)
Rated short-circuit switching capacity I_{cn}	48 A (250 V AC / 65 V DC)
	60 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)
Switching cycles, max.	6000 (At 1 x I_n , low-induction)
	3000 (At 1 x I_n , inductive)
	500 (At 2 x I_n , inductive)
Degree of pollution	2
Overvoltage category_GRP	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
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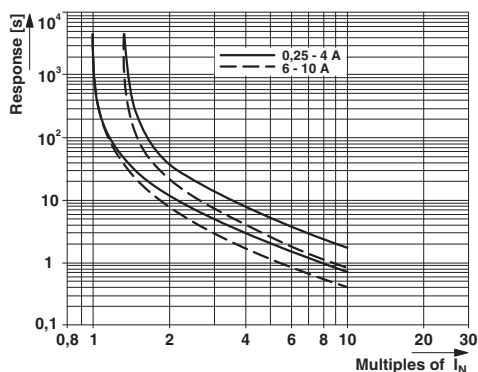
Environmental Product Compliance

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

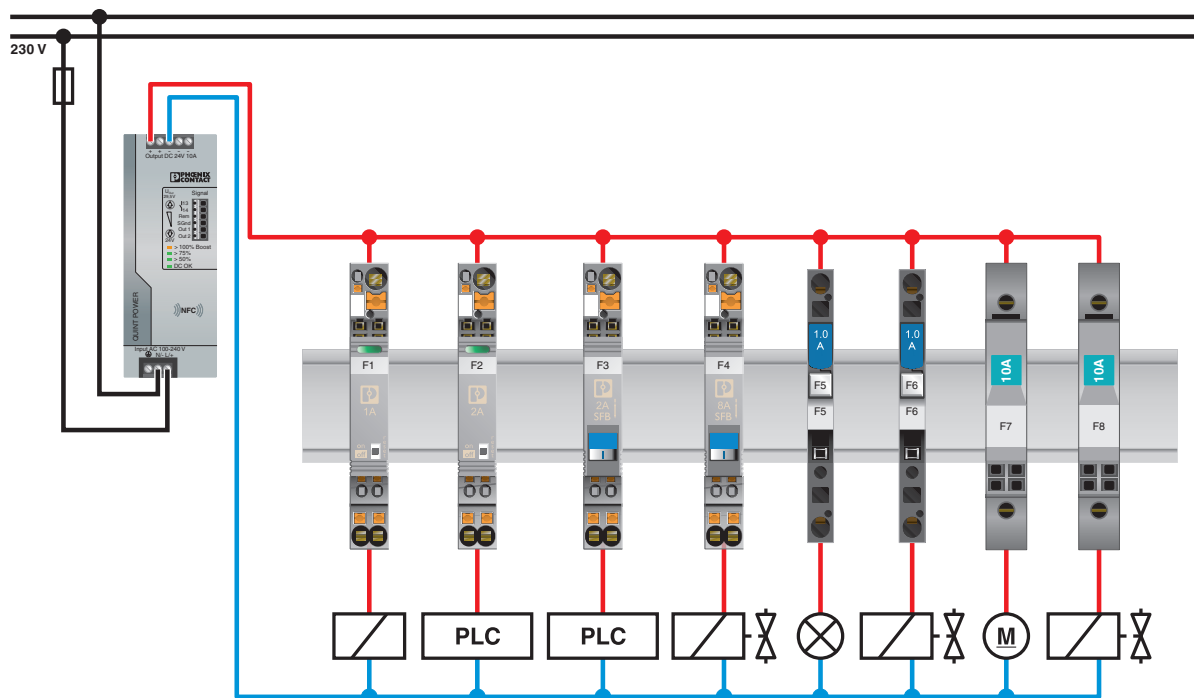
Drawings

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Diagram



Application drawing



Approvals

Approvals

Approvals


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

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Approvals

Ex Approvals


Approval details


CSA		http://www.csagroup.org/services-industries/product-listing/	074317
Nominal voltage UN		250 V	
Nominal current IN		6 A	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140459
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VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40034332
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EAC		EAC-Zulassung	
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