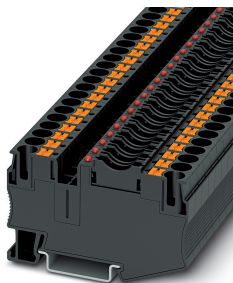


Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

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Fuse modular terminal block, fuse type: Flat, connection method: Push-in connection, cross section: 0.5 mm²-10 mm², AWG: 20 - 8, nominal current: 25 A, nom. voltage: 48 V, width: 8.2 mm, fuse type: Type C / max. 2.2 W, mounting type: NS 35/7,5, NS 35/15, color: black

Your advantages

- ✓ Quick identification of faulty fuses, thanks to LED status indicator
- ✓ Convenient fuse testing, thanks to test points on both sides
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- ✓ The compact design and front connection enable wiring in a confined space
- ✓ The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- ✓ The easily accessible fuse inserts are easy to use or replace
- ✓ Suitable for all flat-type fuse-links designed according ISO 8820-3 (DIN 72581-3)



Key Commercial Data

Packing unit	50 pc
GTIN	 4 055626 394343
GTIN	4055626394343

Technical data

General

Number of rows	1
Number of connections	2
Nominal cross section	6 mm ²
Color	black
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Technical data

General

Overvoltage category	III
Insulating material group	I
LED voltage range	24 V DC ... 48 V DC (LED red)
LED current range	0.31 mA ... 0.95 mA
Connection in acc. with standard	IEC 60947-7-3
Maximum load current	30 A (In separate arrangement with 4 mm ² conductor cross section)
Nominal current I _N	25 A (with 4 mm ² conductor cross section)
Nominal voltage U _N	48 V
Fuse	Type C / max. 2.2 W
Fuse type	Flat
Open side panel	No

Dimensions

Width	8.2 mm
Length	74.1 mm
Height	44 mm
Height NS 35/7,5	45.5 mm
Height NS 35/15	53 mm

Ambient conditions

Operating temperature	-60 °C ... 105 °C (max. short-term operating temperature 130°C)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	2.5 mm ² When using TWIN ferrules, we recommend a minimum ferrule length of 13 mm.
Connection method	Push-in connection
Stripping length	10 mm ... 12 mm

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Technical data

Connection data

Internal cylindrical gage	A5
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Standards and Regulations

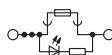
Connection in acc. with standard	IEC 60947-7-3
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Environmental Product Compliance

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

Drawings

Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27141116
eCl@ss 11.0	27141116
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141116
eCl@ss 9.0	27141116

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 6.0	EC000899
ETIM 7.0	EC000899

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Classifications

UNSPSC

UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals


Approvals


Approvals


CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	25 A	25 A	5 A
mm ² /AWG/kcmil	20-8	20-8	20-8

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	25 A	25 A	5 A
mm ² /AWG/kcmil	20-8	20-8	20-8

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	25 A	25 A	5 A
mm ² /AWG/kcmil	20-8	20-8	20-8

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Approvals

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00644
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cULus Recognized		
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Accessories

Accessories

DIN rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail perforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail, unperforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, unperforated, acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail perforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail, unperforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, unperforated, similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver

Documentation

Mounting material - PT-IL - 3208090



Operating decal for the push-in Technology

End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

Insulating sleeve

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Insulating sleeve - ISH 4/0,5 - 3002885



Insulating sleeve, color: gray

Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, color: black

Jumper

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, pitch: 8.2 mm, color: red

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Plug-in bridge - FBS 5-8 - 3030310



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 6-8 - 3032470



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 2-8 CT - 3033830



Plug-in bridge, pitch: 8.2 mm, color: orange

Plug-in bridge - FBS 3-8 CT - 3033831



Plug-in bridge, pitch: 8.2 mm, color: orange

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Plug-in bridge - FBS 4-8 CT - 3033832



Plug-in bridge, pitch: 8.2 mm, color: orange

Plug-in bridge - FBS 10-8 CT - 3033833



Plug-in bridge, pitch: 8.2 mm, color: orange

Plug-in bridge - FBS 2-8 BU - 3032567



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 3-8 BU - 3032570



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 4-8 BU - 3032583



Plug-in bridge, pitch: 8.2 mm, color: blue

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Plug-in bridge - FBS 5-8 BU - 3032596



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 6-8 BU - 3032677



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 10-8 BU - 3032606



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 2-8 GY - 3032621



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBS 3-8 GY - 3032622



Plug-in bridge, pitch: 8.2 mm, color: gray

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Plug-in bridge - FBS 4-8 GY - 3032635



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBS 5-8 GY - 3032648



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBS 6-8 GY - 3032664



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBS 10-8 GY - 3032651



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBSR 2-8 - 3033808



Plug-in bridge, pitch: 8.2 mm, color: red

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Plug-in bridge - FBSR 3-8 - 3001597



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBSR 4-8 - 3000585



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBSR 5-8 - 3033809



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBSR 10-8 - 3001599



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBSR 16-8 - 3033816



Plug-in bridge, pitch: 8.2 mm, color: red

Labeled terminal marker

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Zack Marker strip, flat - ZBF 8 CUS - 0825030



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

Zack Marker strip, flat - ZBF 8,LGS:FORTL.ZAHLEN - 0808804



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 101 ... 110, mounting type: snap into flat marker groove, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TMF 8 CUS - 0824654



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 5.1 mm, Number of individual labels: 56

Marker for terminal blocks - UCT-TMF 8 CUS - 0829672



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 8.2 mm, lettering field size: 7.4 x 4.7 mm, Number of individual labels: 42

Marker carriers

Marker carriers - CARRIER-TM 300 - 0828282



Marker carriers, gray, unlabeled, mounting type: snap into flat marker groove, lettering field size: 10.5 x 300 mm

Partition plate

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Partition plate - ATP-ST 4 - 3030721



Partition plate, length: 59.8 mm, width: 2 mm, height: 39 mm, color: gray

Planning and marking software

Software - PROJECT COMPLETE - 1050453



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Actuation tool - ST-BW - 1207608



Actuation tool, for all 2.5 mm² - 4.0 mm² spring-cages

Terminal marking

Zack Marker strip, flat - ZBF 8:UNBEDRUCKT - 0808781



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Marker for terminal blocks - UC-TMF 8 - 0818137



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 5.1 mm, Number of individual labels: 56

Marker for terminal blocks - UCT-TMF 8 - 0828748



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 8.2 mm, lettering field size: 7.4 x 4.7 mm, Number of individual labels: 42

Thermal device circuit breakers

Thermal device circuit breaker - TCP 0,1A - 0712107



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

Thermal device circuit breaker - TCP 0,25A - 0712123



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

Thermal device circuit breaker - TCP 0,5A - 0712152



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

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Thermal device circuit breaker - TCP 1A - 0712194



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

Thermal device circuit breaker - TCP 2A - 0712217



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

Thermal device circuit breaker - TCP 3A - 0712233



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

Thermal device circuit breaker - TCP 4A - 0712259



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

Thermal device circuit breaker - TCP 6A - 0712275



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

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Thermal device circuit breaker - TCP 8A - 0712291



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

Thermal device circuit breaker - TCP 10A - 0712314



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

Thermal device circuit breaker - TCP 5/DC32V - 0700005



Thermal device circuit breaker, number of positions: 1, nominal current: 5 A, nom. voltage: 32 V, width: 6 mm, fuse type: Slow-blow, fuse type: Automatic device, mounting type: on base element, Color: light brown

Thermal device circuit breaker - TCP 7,5/DC32V - 0700007



Thermal device circuit breaker, number of positions: 1, nominal current: 7.5 A, nom. voltage: 32 V, width: 6 mm, fuse type: Slow-blow, fuse type: Automatic device, mounting type: on base element, Color: brown

Thermal device circuit breaker - TCP 10/DC32V - 0700010



Thermal device circuit breaker, number of positions: 1, nominal current: 10 A, nom. voltage: 32 V, width: 6 mm, fuse type: Slow-blow, fuse type: Automatic device, mounting type: on base element, Color: red

Fuse modular terminal block - PT 6-FSI/C-LED 48 - 3212175

Accessories

Thermal device circuit breaker - TCP 15/DC32V - 0700015



Thermal device circuit breaker, number of positions: 1, nominal current: 15 A, nom. voltage: 32 V, width: 6 mm, fuse type: Slow-blow, fuse type: Automatic device, mounting type: on base element, Color: blue

Thermal device circuit breaker - TCP 20/DC32V - 0700020



Thermal device circuit breaker, number of positions: 1, nominal current: 20 A, nom. voltage: 32 V, width: 6 mm, fuse type: Slow-blow, fuse type: Automatic device, mounting type: on base element, Color: yellow

Thermal device circuit breaker - TCP 25/DC32V - 0700025



Thermal device circuit breaker, number of positions: 1, nominal current: 25 A, nom. voltage: 32 V, width: 6 mm, fuse type: Slow-blow, fuse type: Automatic device, mounting type: on base element, Color: white

Thermal device circuit breaker - TCP 30/DC32V - 0700030



Thermal device circuit breaker, number of positions: 1, nominal current: 30 A, nom. voltage: 32 V, width: 6 mm, fuse type: Slow-blow, fuse type: Automatic device, mounting type: on base element, Color: light green

Warning label printed

Warning label - WS PT 6 - 1029029



Warning label, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 8.2 mm

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