

# PT 4-FSI/F-LED 24 - Fuse modular terminal block



3208964

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Fuse modular terminal block, fuse type: Flat, fuse type: Type F (miniature), nom. voltage: 24 V, nominal current: 10 A, connection method: Push-in connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup>- 6 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: black

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## Your advantages

- The compact design and front connection enable wiring in a confined space<br/>
- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- 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

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## Technical data

### Product properties

Product type	Fuse terminal block
Number of connections	2
Number of rows	1
Potentials	1

### Data management status

Article revision	09
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### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Fuse type	Flat
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W
Fuse	Type F (miniature)
Voltage LED	24 V DC
Current LED	2 mA
Maximum current with single arrangement	15 A

### Input data

Voltage LED	24 V DC
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### Connection data

Number of connections per level	2
Nominal cross section	4 mm <sup>2</sup>
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Nominal current	10 A (The current is determined by the fuse used, the voltage by the fuse or selected LED display.)
Maximum load current	15 A (with 6 mm <sup>2</sup> conductor cross section, rigid)
Nominal voltage	24 V (The current is determined by the fuse used, the voltage by the fuse or selected LED display.)

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Nominal cross section	4 mm <sup>2</sup>
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## Connection cross sections directly pluggable

Conductor cross section rigid	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

## Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height	56 mm
Depth	35.3 mm
Depth on NS 35/7,5	36.5 mm
Depth on NS 35/15	44 mm

## Material specifications

Color	black
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

## Mechanical properties

### Mechanical data

Open side panel	Yes
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

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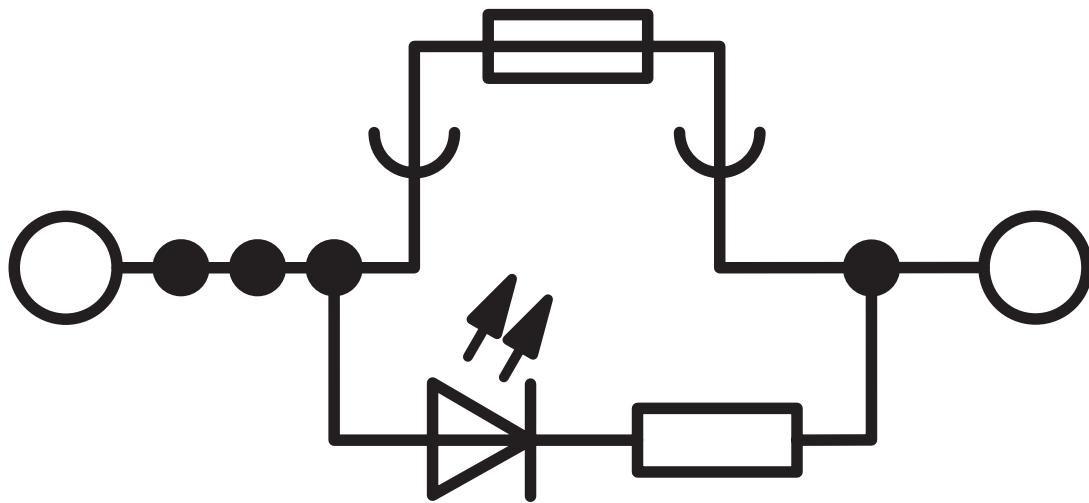
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## Mounting

Mounting type	NS 35/7,5
	NS 35/15

Drawings

Circuit diagram



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## Approvals

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**DNV**

Approval ID: TAE000010T



**CSA**

Approval ID: 13631

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B	24 V	15 A	24 - 10	-
Use group C	24 V	15 A	24 - 10	-



**EAC**

Approval ID: RU C-DE.BL08.B.00644



**cULus Recognized**

Approval ID: E60425



**LR**

Approval ID: LR2371832TA



**NK**

Approval ID: 14ME0912



**BV**

Approval ID: 39980/B0 BV



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## Classifications

### ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27250113

### ETIM

ETIM 9.0	EC000899
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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