

# PT 4-FSI/F-LED 12 - Fuse modular terminal block



3208951

<https://www.phoenixcontact.com/nl/products/3208951>

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Fuse modular terminal block, fuse type: Blade, fuse type: ISO 8820-3 Type F (miniature), nom. voltage: 12 V DC, 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

## Your advantages

- Convenient testing of fuses with test pick-offs on both sides
- Quick identification of faulty fuses, thanks to LED status indicator
- 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
- The compact design and front connection enable wiring in a confined space
- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off

## Commercial data

Item number	3208951
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE2236
Product key	BE2236
GTIN	4046356498784
Weight per piece (including packing)	8,672 g
Weight per piece (excluding packing)	8,672 g
Customs tariff number	85369010
Country of origin	PL

## Technical data

### Notes

Order information:	Fuse-link not supplied as standard
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### Product properties

Number of connections	2
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Fuse type	Blade
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W
Fuse	ISO 8820-3 Type F (miniature)
Voltage LED	12 V DC
Current LED	2 mA
Maximum current with single arrangement	15 A

### Input data

Voltage LED	12 V DC
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### Connection data

Number of connections per level	2
Nominal cross section	4 mm <sup>2</sup>
Connection method	Push-in connection
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 ultrasound-compressed	0.34 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross-section, flexible [AWG] ultrasound-compressed	22 ... 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 cross section	4 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.)

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Maximum load current	15 A (with 6 mm <sup>2</sup> conductor cross-section, rigid)
Nominal voltage	12 V DC (The current is determined by the fuse used, the voltage by the fuse or selected LED display.)

## 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 (RAL 9005)
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 %

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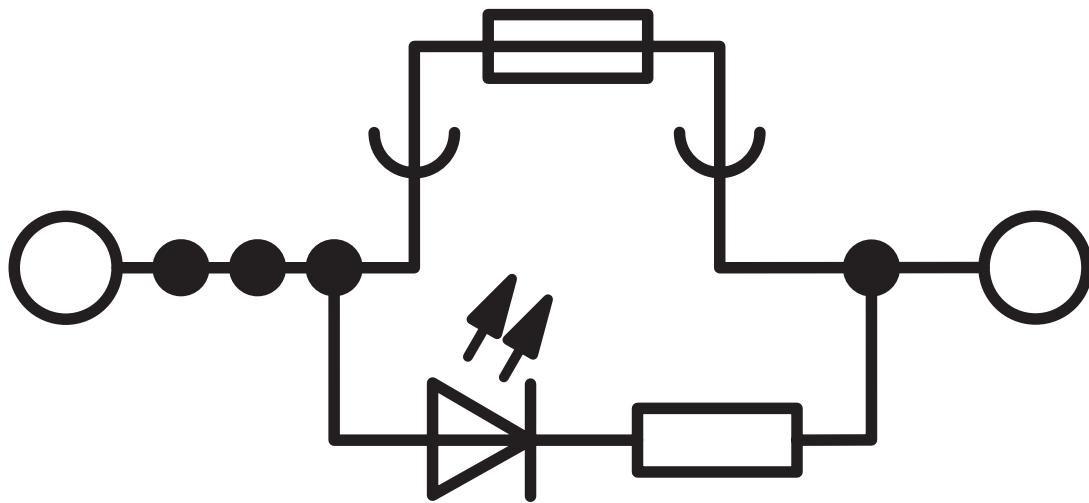
Permissible humidity (storage/transport)	30 % ... 70 %
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## Mounting

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 $mm^2$
B				
	12 V	15 A	24 - 10	-
C				
	12 V	15 A	24 - 10	-

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

**cULus Recognized**  
Approval ID: E60425

**LR**  
Approval ID: LR2371832TA

**ClassNK**  
Approval ID: 14ME0912

**cULus Recognized**  
Approval ID: E60425

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
B				
	12 V	7.5 A	-	-
For individual use	12 V	15 A	-	-
C				
	12 V	7.5 A	-	-
For individual use	12 V	15 A	-	-

**EAC**  
Approval ID: KZ7500651131219505

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## Classifications

### ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

### ETIM

ETIM 10.0	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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