

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



3208951

<https://www.phoenixcontact.com/us/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 mm², cross section: 0.2 mm²- 6 mm², 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	BE22
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

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Technical data

Product properties

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

Insulation characteristics

Overtoltage 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 ²
Connection method	Push-in connection
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Conductor cross-section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 6 mm ²
Conductor cross-section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible ultrasound-compressed	0.34 mm ² ... 6 mm ²
Conductor cross-section, flexible [AWG] ultrasound-compressed	22 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
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 ² 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.)

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Nominal cross section	4 mm ²
Connection cross sections directly pluggable	
Conductor cross-section rigid	0.5 mm ² ... 6 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² ... 2.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm ² ... 2.5 mm ²

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

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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Mounting

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

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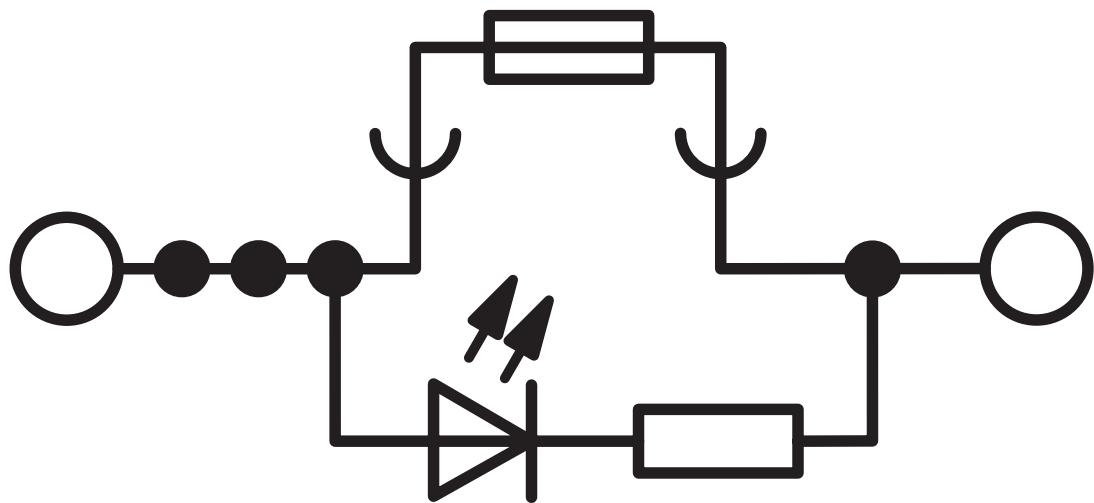
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Drawings

Circuit diagram



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Approvals

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Approval ID: TAE000010T

	CSA	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



NK

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 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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