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

3208964

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Fuse modular terminal block, fuse type: Blade, fuse type: ISO 8820-3 Type F (miniature), nom. voltage: 24 V DC, nominal current: 10 A, connection method: Push-in connection, Rated cross section: 4 mm^2, cross section: 0.2 mm^2- 6 mm^2, mounting type: NS 35/7,5, NS 35/15, color: black

Your advantages

- 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
- 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

Commercial data

Item number	3208964
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE22
Product key	BE2236
GTIN	4046356498791
Weight per piece (including packing)	8.67 g
Weight per piece (excluding packing)	8.67 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Notes

Order information:	Fuse-link not supplied as standard

Product properties

Product type	Fuse terminal block
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	24 V DC
Current LED	2 mA
Maximum current with single arrangement	15 A

Input data

Voltage LED	24 V DC

Connection data

Number of connections per level	2
Nominal cross section	4 mm²
Connection method	Push-in connection
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Conductor cross-section rigid	0.2 mm² ... 6 mm²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm² ... 6 mm²
Conductor cross-section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible ultrasound-compressed	0.34 mm² ... 6 mm²
Conductor cross-section, flexible [AWG] ultrasound-compressed	22 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 4 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm² ... 4 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 1 mm²
Nominal cross section	4 mm²

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 mm² conductor cross-section, rigid)
Nominal voltage	24 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 mm² ... 6 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² ... 2.5 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm² ... 2.5 mm²

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

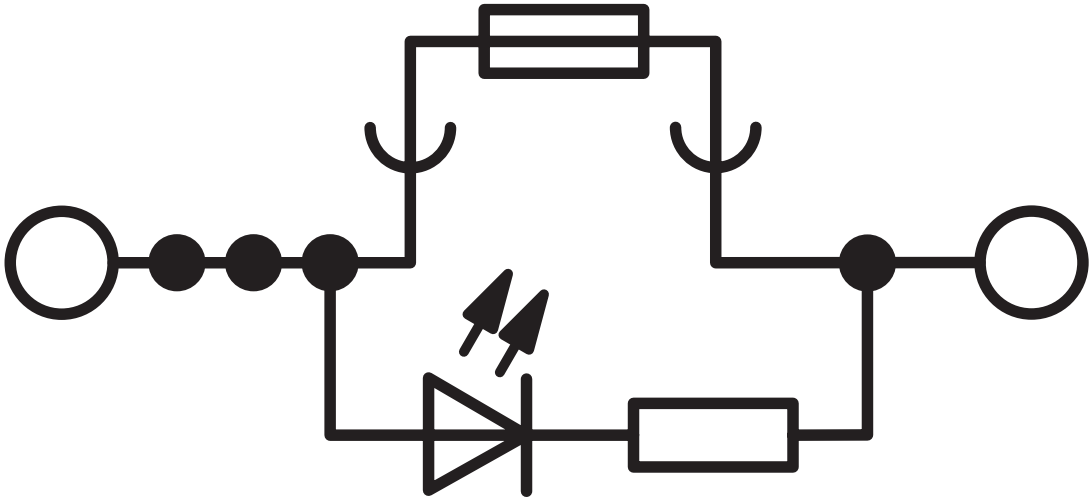
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

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

Drawings

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3208964

DNV
Approval ID: TAE000010T

CSA
Approval ID: 158887

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	24 V	15 A	24 - 10	-
C				
	24 V	15 A	24 - 10	-

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

cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
F				
	400 V	15 A	-	-

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				
	24 V	7.5 A	-	-
For individual use	24 V	15 A	-	-
C				
	24 V	7.5 A	-	-
For individual use	24 V	15 A	-	-

EAC
Approval ID: KZ7500651131219505

Classifications

ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

ETIM

ETIM 10.0	EC000899

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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%

EF3.1 Climate Change

CO2e kg	0.143 kg CO2e

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