

Fuse modular terminal block - PT 4-FSI/F - 3208943

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Fuse modular terminal block, Connection method: Push-in connection, Cross section: 0.2 mm²- 6 mm², AWG: 24 - 10, Nominal current: 10 A, Nominal voltage: 400 V, Width: 6.2 mm, Fuse type: Type F (miniature), Fuse type: Flat, Mounting type: NS 35/7,5, NS 35/15, Color: black

Product Features

- 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 compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	9.6 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Note	The current is determined by the fuse used, the voltage by the selected LED. 15 A for single arrangement, 10 A for group arrangement. Derating curve available on request. The recommended continuous load capacity of the fuse inserts according to DIN 72581/Part 3 is max. 80 percent of their nominal current (at an ambient temperature of 23°C)
Number of levels	1
Number of connections	2
Nominal cross section	4 mm ²
Color	black
Insulating material	PA

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Technical data

General

Flammability rating according to UL 94	V0
Fuse	Type F (miniature)
Fuse type	Flat
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum current with single arrangement	15 A
Maximum load current	15 A
Nominal current I_N	10 A
Nominal voltage U_N	400 V
Open side panel	Yes
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Result of the test for mechanical stability of terminal points (5 x conductor connection)	Test passed
Result of bending test	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.2 mm ² / 0.2 kg
	4 mm ² / 0.9 kg
	6 mm ² / 1.4 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.2 mm ²
Tractive force setpoint	10 N
Conductor cross section tensile test	4 mm ²
Tractive force setpoint	60 N
Conductor cross section tensile test	6 mm ²
Tractive force setpoint	80 N
Result of tight fit on support	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of voltage-drop test	Test passed
Result of temperature-rise test	Test passed
Result of aging test	Test passed
Ageing test for screwless modular terminal block temperature cycles	192

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General

Result of thermal test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Oscillation, broadband noise test result	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$1.857 \text{ (m/s}^2\text{)}^2/\text{Hz}$
Acceleration	0,8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Shock test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

Dimensions

Width	6.2 mm
Length	56 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²

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Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
Connection method	Push-in connection
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4

Standards and Regulations

Connection in acc. with standard	CSA
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116
eCl@ss 9.0	27141116

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

UNSPSC

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

Approvals

Approvals

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Approvals

Approvals

UL Recognized / cUL Recognized / CSA / LR / EAC / BV / NK / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized		
	B	C
mm ² /AWG/kcmil	24-10	24-10
Nominal current I _N	15 A	15 A
Nominal voltage U _N	300 V	300 V

cUL Recognized		
	B	C
mm ² /AWG/kcmil	24-10	24-10
Nominal current I _N	15 A	15 A
Nominal voltage U _N	300 V	300 V

CSA		
	B	C
mm ² /AWG/kcmil	24-10	24-10
Nominal current I _N	15 A	15 A
Nominal voltage U _N	300 V	300 V

LR

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Approvals

EAC

BV

NK

EAC

cULus Recognized  US

Drawings

Circuit diagram

