

## Fuse modular terminal block - PT 6-FSI/C-LED 12 - 3212169

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Fuse modular terminal block, fuse type: Flat, connection method: Push-in connection, cross section: 0.5 mm<sup>2</sup>-10 mm<sup>2</sup>, AWG: 20 - 8, nominal current: 25 A, nom. voltage: 12 V, width: 8.2 mm, fuse type: C, mounting type: NS 35/7,5, NS 35/15, color: black

### Your advantages

- ✓ 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
- ✓ The easily accessible fuse inserts are easy to use or replace
- ✓ Convenient fuse testing, thanks to test points on both sides
- ✓ Quick identification of faulty fuses, thanks to LED status indicator
- ✓ Suitable for all flat-type fuse-links designed according ISO 8820-3 (DIN 72581-3)

### Key Commercial Data

Packing unit	50 pc
GTIN	 4 055626 394329
GTIN	4055626394329

### Technical data

#### General

Note	The current is determined by the fuse used, the voltage by the light indicator.
Number of levels	1
Number of connections	2
Nominal cross section	6 mm <sup>2</sup>
Color	black
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum power dissipation for nominal condition	1.31 W

# Fuse modular terminal block - PT 6-FSI/C-LED 12 - 3212169

## Technical data

### General

Fuse	C
Fuse type	Flat
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
LED voltage range	6 V DC ... 12 V DC (LED red)
LED current range	0.31 mA ... 0.95 mA
Connection in acc. with standard	IEC 60947-7-3
Maximum load current	30 A (In separate arrangement with 4 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	25 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	12 V
Open side panel	No

### Dimensions

Width	8.2 mm
Length	74.1 mm
Height NS 35/7,5	45.5 mm
Height NS 35/15	53 mm

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>
Connection method	Push-in connection
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A5

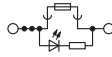
### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-3
Flammability rating according to UL 94	V0

# Fuse modular terminal block - PT 6-FSI/C-LED 12 - 3212169

## Drawings

Circuit diagram



## Approvals

### Approvals

#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
	D	B	C
Nominal voltage UN	600 V	300 V	300 V
Nominal current IN	5 A	25 A	25 A
mm <sup>2</sup> /AWG/kcmil	20-8	20-8	20-8

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	D	B	C
Nominal voltage UN	600 V	300 V	300 V
Nominal current IN	5 A	25 A	25 A
mm <sup>2</sup> /AWG/kcmil	20-8	20-8	20-8

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	D	B	C
Nominal voltage UN	600 V	300 V	300 V
Nominal current IN	5 A	25 A	25 A
mm <sup>2</sup> /AWG/kcmil	20-8	20-8	20-8

## Fuse modular terminal block - PT 6-FSI/C-LED 12 - 3212169

### Approvals



Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>