UK 6-FSI/C-LED12 - Fuse modular terminal block

3001925

https://www.phoenixcontact.com/us/products/3001925

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 documentation. Our general terms of use for downloads are valid.



Fuse modular terminal block, fuse type: Blade, fuse type: C, nom. voltage: 12 V, nominal current: 30 A, number of positions: 1, connection method: Screw connection, 1 level, Rated cross section: 4 mm^2, cross section: 0.2 mm^2 - 10 mm^2, mounting type: NS 35/7,5, NS 35/15, NS 32, color: black

Your advantages

- Can be bridged with FBI ... fixed bridge
- For the use of KFZ flat-type fuses from the FSI/C series

Commercial data

Item number	3001925
Packing unit	50 pc
Minimum order quantity	1 pc
Sales key	BE12
Product key	BE1236
GTIN	4017918100964
Weight per piece (including packing)	21.12 g
Weight per piece (excluding packing)	21.12 g
Customs tariff number	85369095
Country of origin	TR

Technical data

Notes

Order information:	Fuse-link not supplied as standard

Product properties

Product type	Fuse terminal block
Number of positions	1
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	4 kV
Maximum power dissipation for nominal condition	1.31 W
Fuse	C
Voltage LED	12 V DC (LED red)
Current LED	2 mA DC (LED red)
Maximum current with single arrangement	30 A (special arrangements on request)

Input data

Voltage LED	12 V DC (LED red)

Connection data

Number of connections per level	2
Nominal cross section	6 mm²

1 level

Connection method	Screw connection
Screw thread	M4
Tightening torque	1.5 ... 1.8 Nm
Stripping length	10 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-3
Conductor cross-section rigid	0.2 mm² ... 10 mm²
Cross section AWG	24 ... 8 (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 (ferrule without plastic sleeve)	0.25 mm² ... 6 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm² ... 4 mm²

2 conductors with same cross section, rigid	0.2 mm² ... 2.5 mm²
2 conductors with same cross section, flexible	0.2 mm² ... 2.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 4 mm²
Nominal cross section	4 mm²
Nominal current	30 A
Maximum load current	30 A
Nominal voltage	12 V

Dimensions

Width	8.2 mm
Height	64 mm
Depth on NS 32	57 mm
Depth on NS 35/7,5	52 mm
Depth on NS 35/15	59.5 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
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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	No

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 %

Standards and regulations

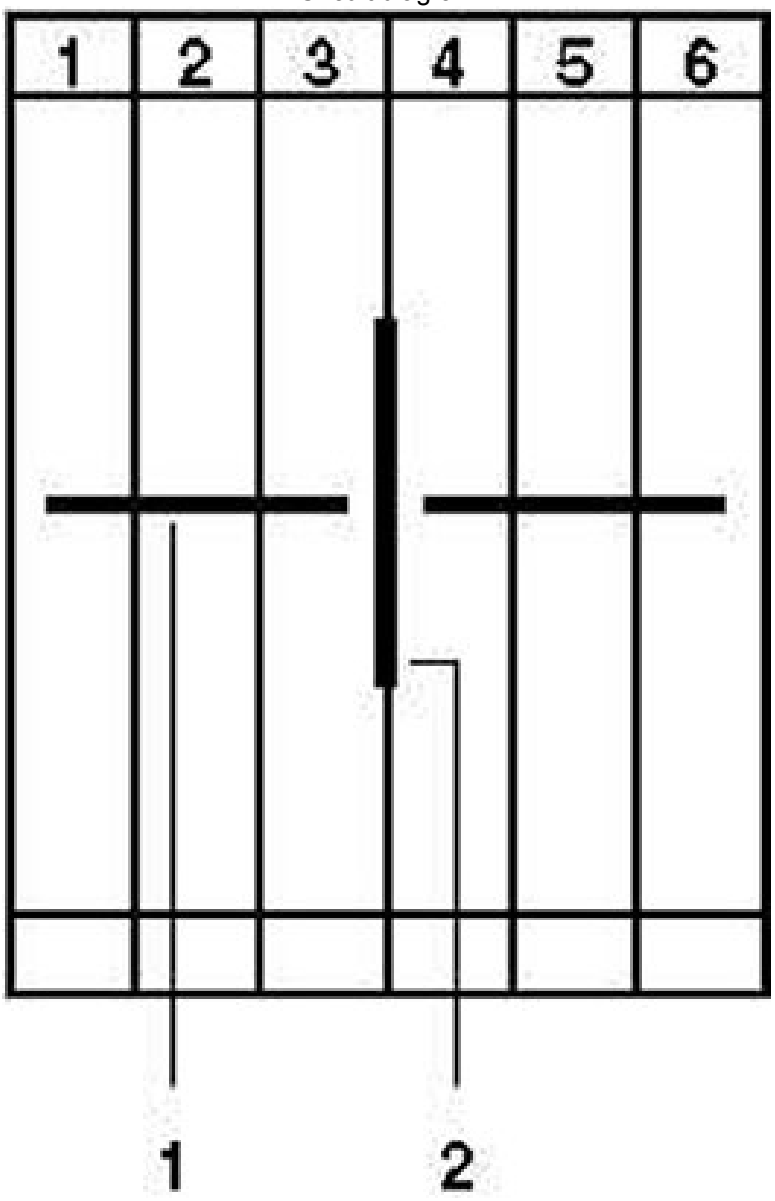
Connection in acc. with standard	IEC 60947-7-3

Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32

Drawings

Circuit diagram



1 = fixed bridge
2 = separating plate

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3001925

CSA
Approval ID: 13631

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	12 V	30 A	26 - 8	-

cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	30 A	26 - 8	-
C				
	300 V	30 A	26 - 8	-
F				
	250 V	30 A	26 - 8	-
D				
	600 V	5 A	26 - 8	-

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
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	0a8a7008-f67f-47ef-b5b3-02f7fe9083e6

EF3.1 Climate Change

CO2e kg	0.113 kg CO2e

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com