

UK 6-FSI/C - Fuse modular terminal block



3118203

<https://www.phoenixcontact.com/us/products/3118203>

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Fuse modular terminal block, fuse type: Blade, fuse type: C, nom. voltage: 250 V, nominal current: 30 A, number of positions: 1, connection method: Screw connection, 1 level, Rated cross section: 4 mm², cross section: 0.2 mm²- 10 mm², 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	3118203
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1236
Catalog page	Page 499 (C-1-2019)
GTIN	4017918100605
Weight per piece (including packing)	20.79 g
Weight per piece (excluding packing)	19.5 g
Customs tariff number	85369095
Country of origin	TR

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Technical data

Notes

General

Note	The current is determined by the fuse used, the voltage by the fuse or selected light indicator.
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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
Maximum current with single arrangement	30 A (special arrangements on request)

Connection data

Number of connections per level	2
Nominal cross section	6 mm ²

1 level

Screw thread	M4
Tightening torque	1.5 ... 1.6 Nm
Stripping length	10 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-3
Conductor cross section rigid	0.2 mm ² ... 10 mm ²
Cross section AWG	24 ... 8 (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 (ferrule without plastic sleeve)	0.25 mm ² ... 6 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 4 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 2.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 2.5 mm ²
2 conductors with same cross section, flexible, with ferrule	0.25 mm ² ... 2.5 mm ²

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without plastic sleeve	
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 4 mm ²
Nominal current	30 A
Maximum load current	30 A
Nominal voltage	250 V
Nominal cross section	4 mm ²

Dimensions

Width	8.2 mm
Height	64 mm
Depth	52.6 mm
Depth on NS 32	58.8 mm
Depth on NS 35/7,5	53.8 mm
Depth on NS 35/15	61.3 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	No
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Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Spectrum	Long life test category 1, class B, body mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	0.964 (m/s ²) ² /Hz
Acceleration	0.58g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis

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Result	Test passed
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Shocks

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

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

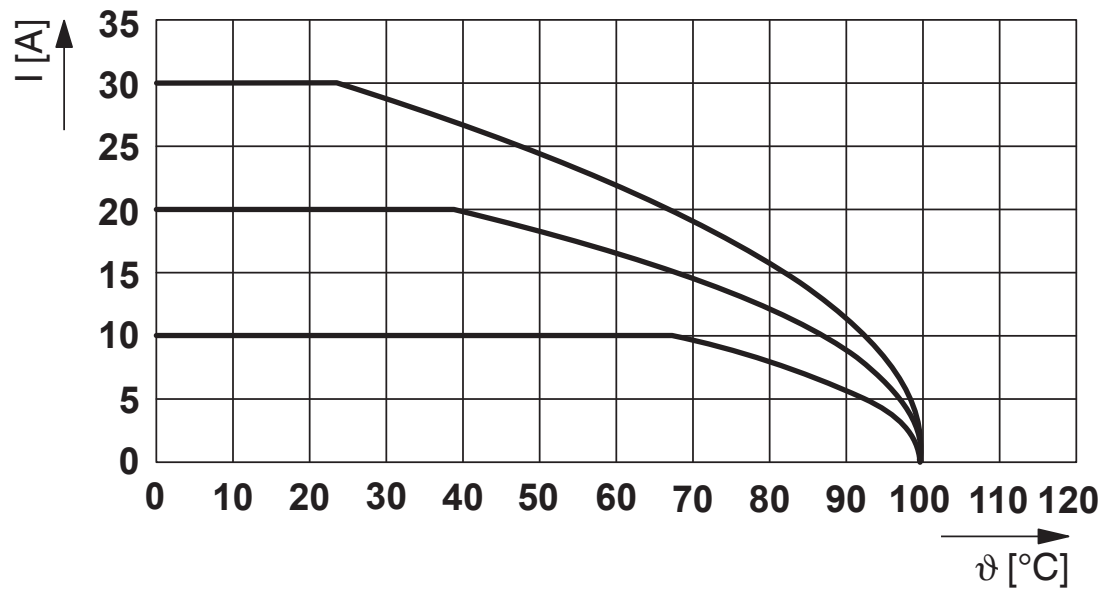
Connection in acc. with standard	IEC 60947-7-3
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Mounting

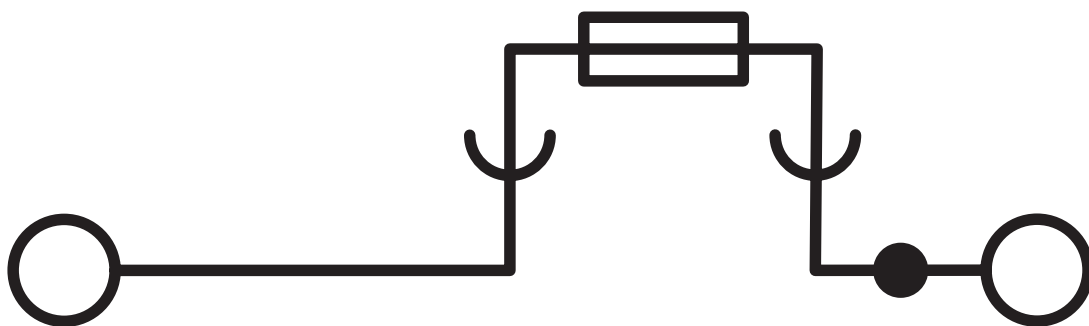
Mounting type	NS 35/7,5
	NS 35/15
	NS 32

Drawings

Diagram



Circuit diagram



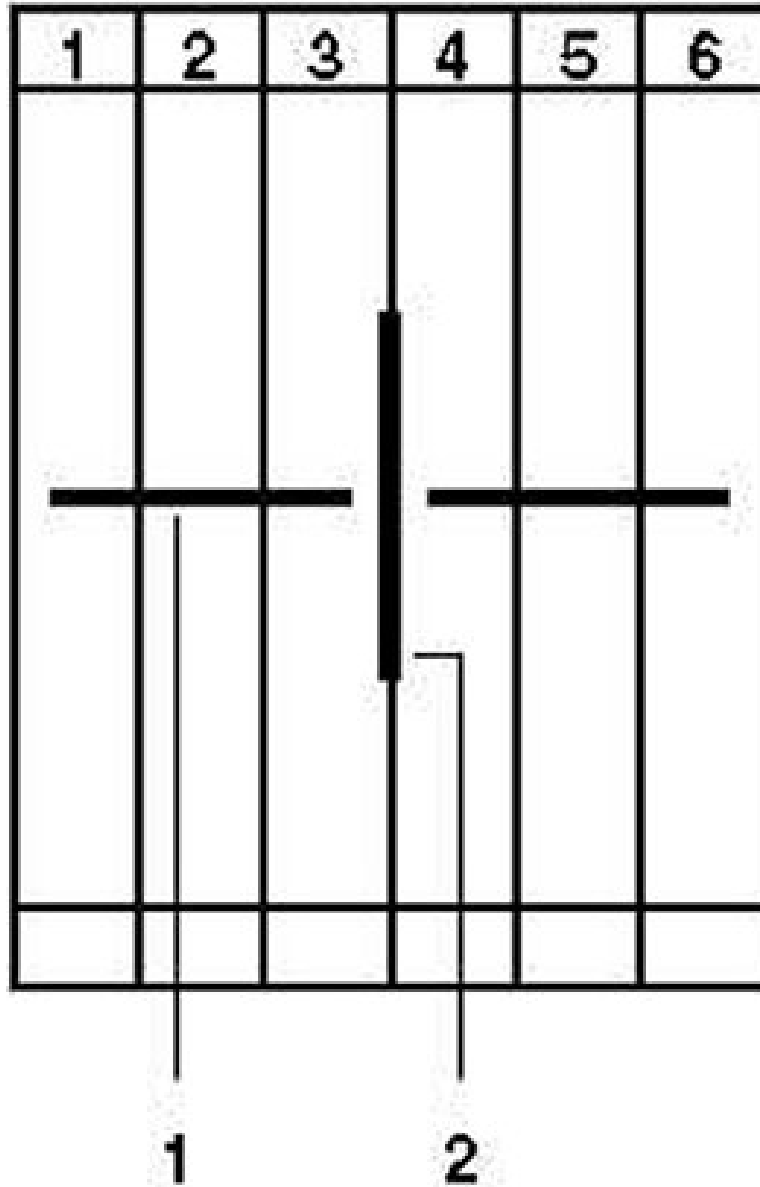
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Circuit diagram



1 = fixed bridge
2 = separating plate

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3118203>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	32 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
Use group B				
	300 V	30 A	26 - 8	-
Use group C				
	300 V	30 A	26 - 8	-
Use group F				
	250 V	30 A	26 - 8	-
Use group D				
	600 V	5 A	26 - 8	-

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Classifications

ECLASS

ECLASS-13.0	27250113
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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
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	c78f7ade-a28f-471b-b2c9-b7e27715dc57

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