

# UK 6-FSI/C-LED60 - Fuse modular terminal block



3001939

<https://www.phoenixcontact.com/us/products/3001939>

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: 60 V, nominal current: 30 A, number of positions: 1, connection method: Screw connection, 1 level, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup>- 10 mm<sup>2</sup>, 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	3001939
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1236
GTIN	4046356183918
Weight per piece (including packing)	20.92 g
Weight per piece (excluding packing)	20.92 g
Customs tariff number	85369095
Country of origin	TR

# UK 6-FSI/C-LED60 - Fuse modular terminal block



3001939

<https://www.phoenixcontact.com/us/products/3001939>

## Technical data

### 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	LED red
Current LED	2 mA (LED red)
Maximum current with single arrangement	30 A (special arrangements on request)

### Input data

Voltage LED	LED red
-------------	---------

### Connection data

Number of connections per level	2
Nominal cross section	6 mm <sup>2</sup>

#### 1 level

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 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Cross section AWG	24 ... 8 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
2 conductors with same cross section, solid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

# UK 6-FSI/C-LED60 - Fuse modular terminal block



3001939

<https://www.phoenixcontact.com/us/products/3001939>

2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Nominal current	30 A
Maximum load current	30 A
Nominal voltage	60 V
Nominal cross section	4 mm <sup>2</sup>

## 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 %

# UK 6-FSI/C-LED60 - Fuse modular terminal block



3001939

<https://www.phoenixcontact.com/us/products/3001939>

Permissible humidity (storage/transport)
--

30 % ... 70 %
---------------

## Standards and regulations

Connection in acc. with standard
----------------------------------

IEC 60947-7-3
---------------

## Mounting

Mounting type
---------------

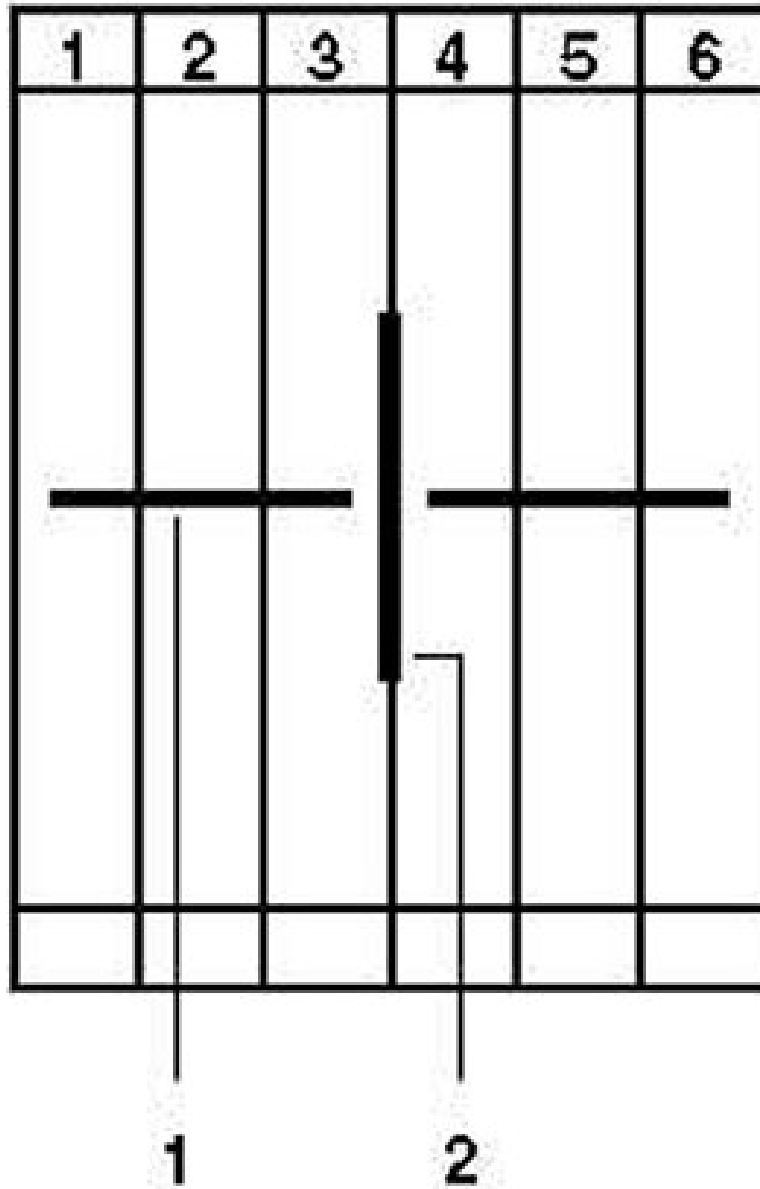
NS 35/7,5
-----------

NS 35/15
----------

NS 32
-------

## Drawings

Circuit diagram



1 = fixed bridge  
2 = separating plate

# UK 6-FSI/C-LED60 - Fuse modular terminal block





3001939

<https://www.phoenixcontact.com/us/products/3001939>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3001939>

 <b>CSA</b> Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	24 V	30 A	26 - 8	-

 <b>cULus Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
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	-

# UK 6-FSI/C-LED60 - Fuse modular terminal block



3001939

<https://www.phoenixcontact.com/us/products/3001939>

## Classifications

### ECLASS

ECLASS-13.0	27250113
-------------	----------

### ETIM

ETIM 9.0	EC000899
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# UK 6-FSI/C-LED60 - Fuse modular terminal block



3001939

<https://www.phoenixcontact.com/us/products/3001939>

## 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	42aea5c6-59a8-4ab1-b60a-3d8ff1781b90

Phoenix Contact 2025 © - 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](mailto:info@phoenixcon.com)