

# UK 5-HESI (5X20) - Fuse modular terminal block



3004472

<https://www.phoenixcontact.com/us/products/3004472>

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: Glass / ceramics / ..., fuse type: G / 5 x 20, nom. voltage: 800 V, nominal current: 6.3 A, connection method: Screw connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup>- 4 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, NS 32, color: black

## Commercial data

Item number	3004472
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1234
GTIN	4017918243456
Weight per piece (including packing)	18.9 g
Weight per piece (excluding packing)	18.75 g
Customs tariff number	85369095
Country of origin	IN

# UK 5-HESI (5X20) - Fuse modular terminal block



3004472

<https://www.phoenixcontact.com/us/products/3004472>

## Technical data

### Notes

Order information:	Fuse-link not supplied as standard
Note regarding marking	For terminal marking, please use marking material with 8.2 mm pitch.
Note regarding marking	For lever marking, please use marking material with 6.2 mm pitch.

### Product properties

Product type	Fuse terminal block
Number of connections	2
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Fuse type	Glass / ceramics / ...
Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.02 W
Fuse	G / 5 x 20

### Connection data

Number of connections per level	2
Nominal cross section	4 mm <sup>2</sup>
Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross-section with insertion bridge, rigid	4 mm <sup>2</sup>
Cross-section with insertion bridge, flexible	4 mm <sup>2</sup>
2 conductors with same cross section, rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>

# UK 5-HESI (5X20) - Fuse modular terminal block



3004472

<https://www.phoenixcontact.com/us/products/3004472>

without plastic sleeve	
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Nominal cross section	4 mm <sup>2</sup>
Nominal current	6.3 A
Maximum load current	6.3 A (the current is determined by the fuse used)
Nominal voltage	800 V (As a fuse terminal block)

## Dimensions

Width	8.2 mm
Height	72.5 mm
Depth on NS 32	61.5 mm
Depth on NS 35/7,5	56.5 mm
Depth on NS 35/15	64 mm

## Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

## Mechanical properties

### Mechanical data

Open side panel	No
-----------------	----

## Environmental and real-life conditions

### Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Long life test category 1, class B, body mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	1.857 (m/s <sup>2</sup> )/Hz
Acceleration	0.8g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

### Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30 ms

# UK 5-HESI (5X20) - Fuse modular terminal block



3004472

<https://www.phoenixcontact.com/us/products/3004472>

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
----------------------------------	---------------

## Mounting

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

# UK 5-HESI (5X20) - Fuse modular terminal block



3004472

<https://www.phoenixcontact.com/us/products/3004472>

## Drawings

Circuit diagram





# UK 5-HESI (5X20) - Fuse modular terminal block





3004472


<https://www.phoenixcontact.com/us/products/3004472>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3004472>

 <b>CSA</b> Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
B	600 V	6.3 A	28 - 10	-
C	600 V	6.3 A	28 - 10	-

 <b>EAC</b> Approval ID: KZ7500651131219505				
---	--	--	--	--

 <b>cULus Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
B	600 V	12 A	26 - 10	-
C	600 V	12 A	26 - 10	-
F	600 V	12 A	26 - 10	-

# UK 5-HESI (5X20) - Fuse modular terminal block



3004472

<https://www.phoenixcontact.com/us/products/3004472>

## Classifications

### ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

### ETIM

ETIM 10.0	EC000899
-----------	----------

### UNSPSC

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

# UK 5-HESI (5X20) - Fuse modular terminal block



3004472

<https://www.phoenixcontact.com/us/products/3004472>

## 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)
-------------------------------------	----------------------

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](mailto:info@phoenixcon.com)