

UKK 5-HESI (6,3X32) - Fuse modular terminal block



3007217

<https://www.phoenixcontact.com/us/products/3007217>

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 / 6,3 x 32, nom. voltage: 400 V, nominal current: 32 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.2 mm²- 4 mm², connection method: Screw connection, cross section: 0.2 mm²- 4 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: black

Your advantages

- Compact double-level fuse terminal block

Commercial data

Item number	3007217
Packing unit	50 pc
Minimum order quantity	1 pc
Sales key	BE12
Product key	BE1234
GTIN	4017918155995
Weight per piece (including packing)	37.096 g
Weight per piece (excluding packing)	36.54 g
Customs tariff number	85369095
Country of origin	PL

UKK 5-HESI (6,3X32) - Fuse modular terminal block



3007217

<https://www.phoenixcontact.com/us/products/3007217>

Technical data

Notes

Note regarding marking	For terminal marking, please use marking material with 8.2 mm pitch.
Note regarding marking	For lever marking, please use flat marking material with 8.2 mm pitch.

Product properties

Product type	Fuse terminal block
Number of connections	4
Number of rows	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Glass / ceramics / ...
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W
Fuse	G / 6,3 x 32
Maximum power dissipation	max. 2.5 W (with single arrangement of the fuse terminal block in the event of overload) max. 1.6 W (With interconnected arrangement of several fuse terminal blocks in the event of overload) max. 4 W (with single arrangement of the fuse terminal block in the event of a short-circuit) max. 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit)

Connection data

Number of connections per level	2
Nominal cross section	4 mm ²

Level 1 above 1 below 1

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
Conductor cross-section, flexible [AWG]	24 ... 12 (converted acc. to IEC)

UKK 5-HESI (6,3X32) - Fuse modular terminal block



3007217

<https://www.phoenixcontact.com/us/products/3007217>

Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 4 mm ²
Cross-section with insertion bridge, rigid	4 mm ²
Cross-section with insertion bridge, flexible	2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1.5 mm ²
Nominal current	32 A
Maximum load current	32 A (Lower level)
Nominal voltage	400 V
Nominal cross section	4 mm ²

Level 1 above 1 below 1

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 ... 0.8 Nm
Stripping length	8 mm
Connection in acc. with standard	IEC 60947-7-3
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 4 mm ²
Cross-section with insertion bridge, rigid	4 mm ²
Cross-section with insertion bridge, flexible	2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1.5 mm ²
Nominal current	10 A
Maximum load current	10 A
Nominal voltage	400 V

Dimensions

Width	8.2 mm
Height	86.5 mm
Depth on NS 32	84 mm
Depth on NS 35/7,5	79 mm
Depth on NS 35/15	86.5 mm

Material specifications

UKK 5-HESI (6,3X32) - Fuse modular terminal block



3007217

<https://www.phoenixcontact.com/us/products/3007217>

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 60947-7-1
	IEC 60947-7-3

Mounting

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

UKK 5-HESI (6,3X32) - Fuse modular terminal block

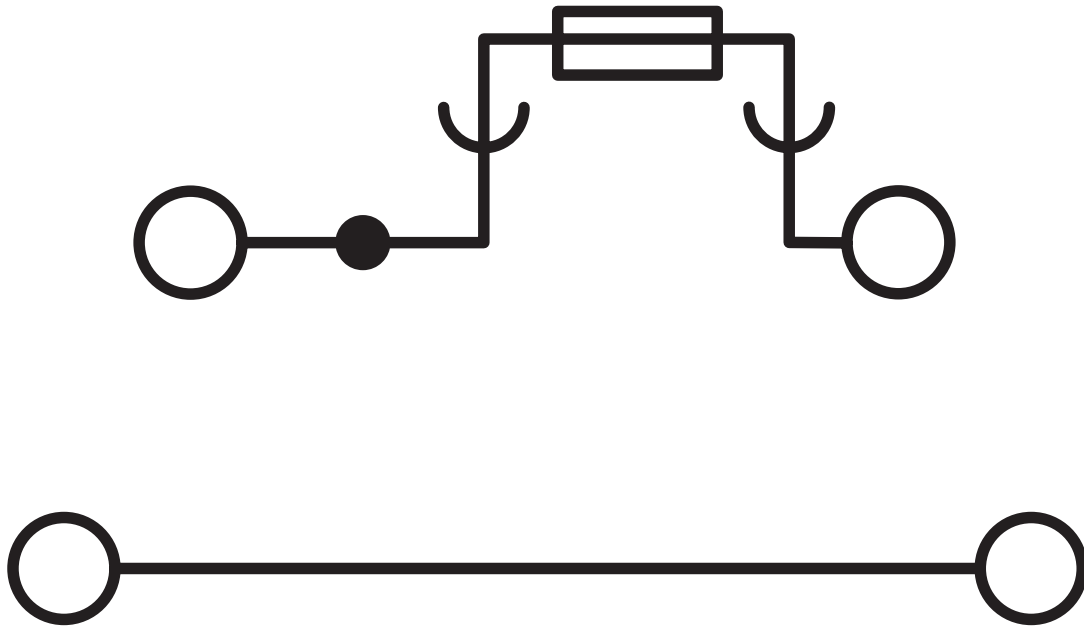


3007217

<https://www.phoenixcontact.com/us/products/3007217>

Drawings

Circuit diagram



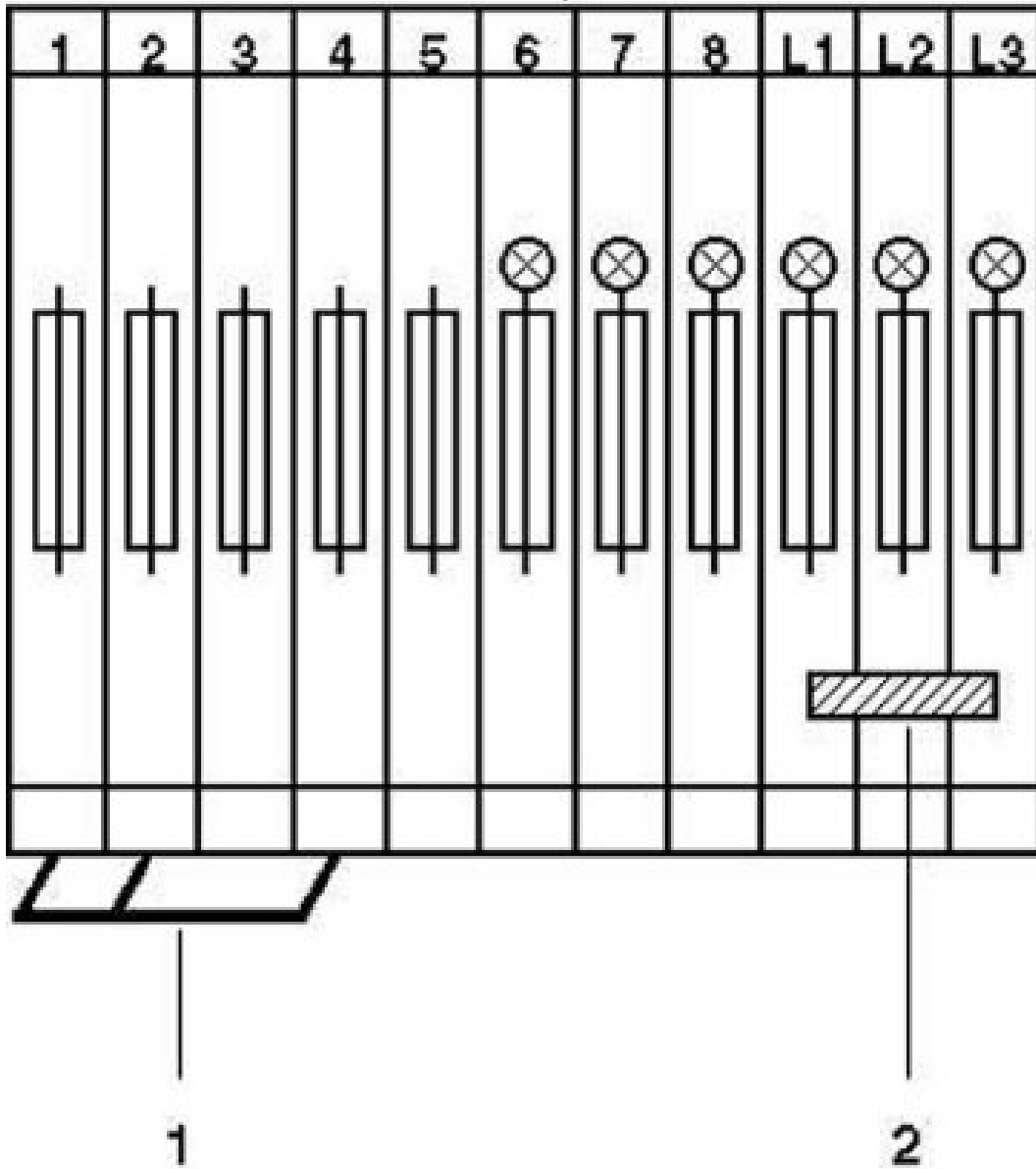
UKK 5-HESI (6,3X32) - Fuse modular terminal block



3007217

<https://www.phoenixcontact.com/us/products/3007217>

Circuit diagram



1 = insertion bridge
2 = fixed bridge

UKK 5-HESI (6,3X32) - Fuse modular terminal block




3007217

<https://www.phoenixcontact.com/us/products/3007217>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3007217>

 **CSA**
Approval ID: 13631

 **EAC**
Approval ID: KZ7500651131219505

 **cULus Recognized**
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
upper level	300 V	15 A	26 - 10	-
lower level	300 V	30 A	26 - 10	-
C				
upper level	300 V	15 A	26 - 10	-
lower level	300 V	30 A	26 - 10	-
D				
upper level	600 V	5 A	26 - 10	-
lower level	600 V	5 A	26 - 10	-

 **CSA**
Approval ID: 13631

UKK 5-HESI (6,3X32) - Fuse modular terminal block



3007217

<https://www.phoenixcontact.com/us/products/3007217>

Classifications

ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

ETIM

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

UNSPSC

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

UKK 5-HESI (6,3X32) - Fuse modular terminal block



3007217

<https://www.phoenixcontact.com/us/products/3007217>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
-----------------------------------------	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

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