

# UKK 5-HESILA 250 (5X20) - Fuse modular terminal block



0711629

<https://www.phoenixcontact.com/sg/products/0711629>

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 5 x 20, nom. voltage: 400 V, nominal current: 6.3 A, connection method: Screw connection, 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	0711629
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	0121*
Product key	BE1234
GTIN	4017918838959
Weight per piece (including packing)	35.9 g
Weight per piece (excluding packing)	34.6 g
Customs tariff number	85369095
Country of origin	PL

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## Technical data

### 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	4.06 W
Fuse	G / 5 x 20
LED voltage range	110 V AC/DC ... 250 V AC/DC
LED current range	0.2 mA ... 0.9 mA
Maximum power dissipation	max. 1.6 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)

### Input data

LED voltage range	110 V AC/DC ... 250 V AC/DC
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### Connection data

Number of connections per level	2
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#### Level 1 above 1 below 1

Screw thread	M3
Tightening torque	0.5 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC / EN
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>
2 conductors with same cross section, solid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>

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2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
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 current	6.3 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

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
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## 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 %

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Permissible humidity (storage/transport)	30 % ... 70 %
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## Standards and regulations

Connection in acc. with standard	IEC / EN
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## Mounting

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

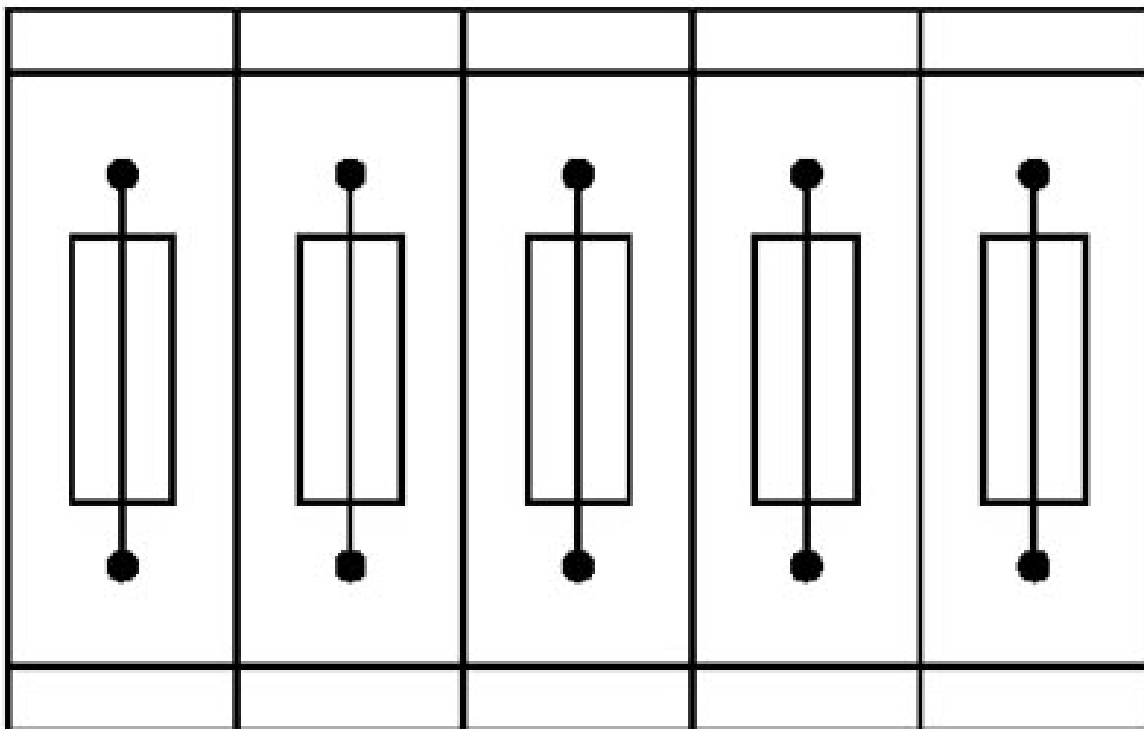
# UKK 5-HESILA 250 (5X20) - Fuse modular terminal block

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## Drawings

### Application drawing



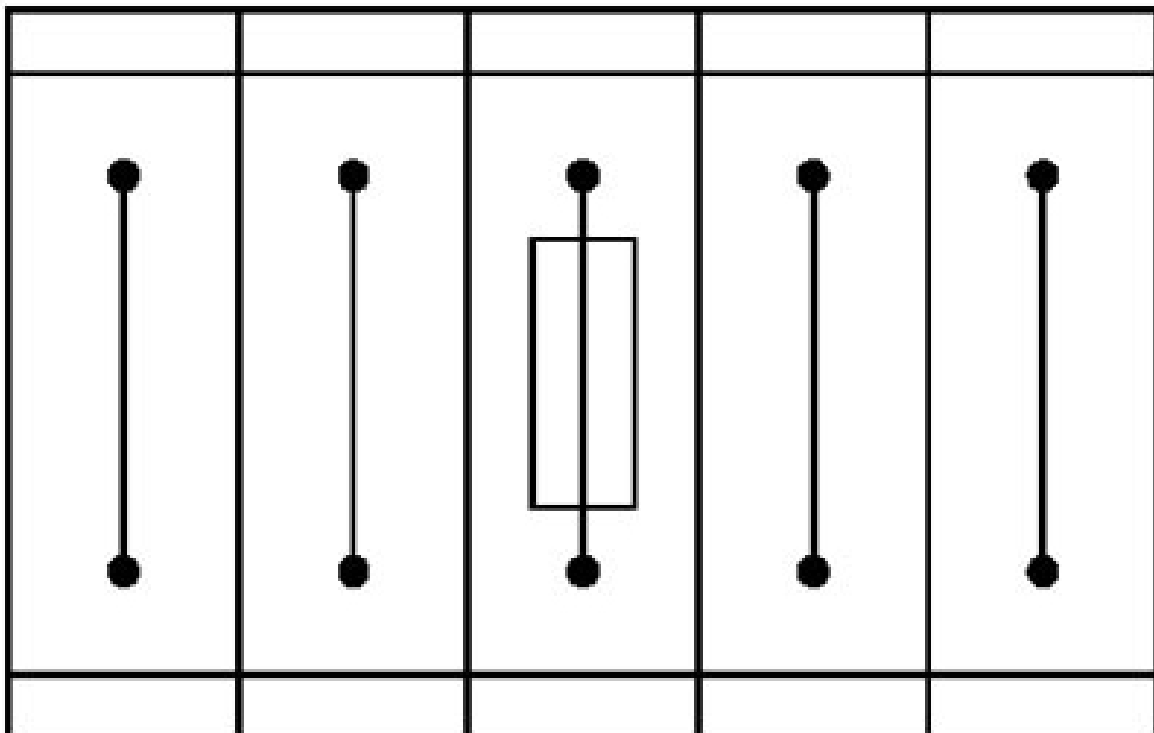
Fuse terminal blocks in interconnected arrangement,  
block consisting of 5 fuse terminal blocks

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Application drawing



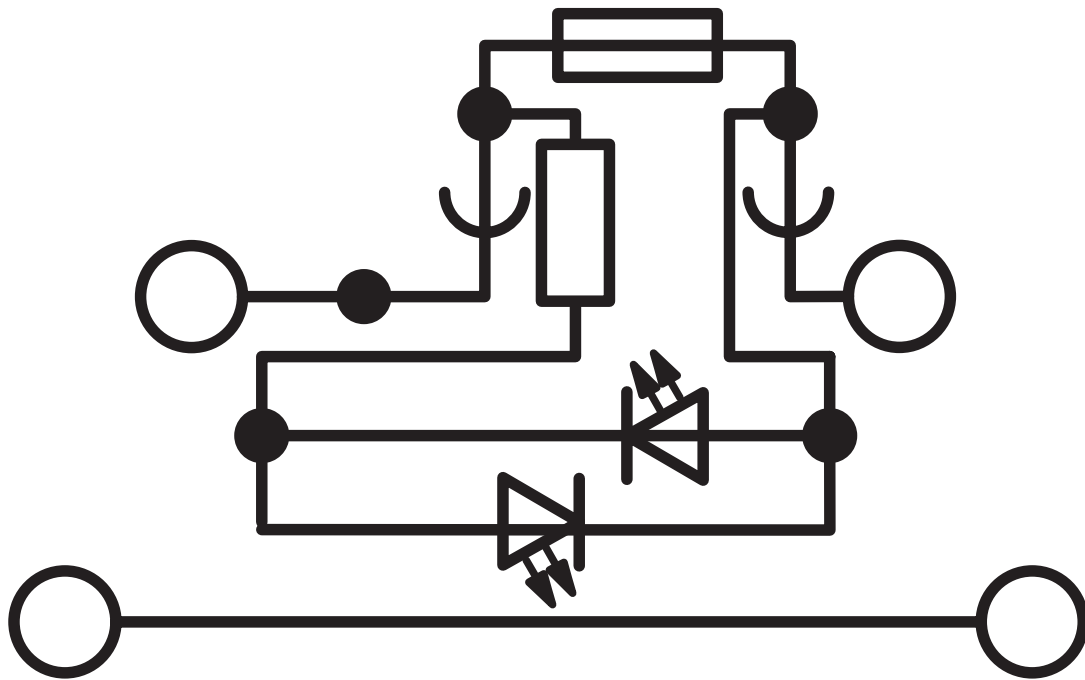
Fuse terminal block in single arrangement,  
block consisting of one fuse terminal block and 4 feed-through terminal blocks

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Circuit diagram



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## Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/0711629>

 **CSA**  
Approval ID: 13631

 **UL Recognized**  
Approval ID: FILE E 60425

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
<b>Use group B</b>				
upper level	600 V	15 A	26 - 10	-
lower level	600 V	30 A	26 - 10	-
<b>Use group C</b>				
upper level	600 V	15 A	26 - 10	-
lower level	600 V	30 A	26 - 10	-

 **EAC**  
Approval ID: EACKZ 08593

 **cULus Recognized**  
Approval ID: E60425

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
<b>Use group B</b>				
upper level	300 V	15 A	26 - 10	-
lower level	300 V	30 A	26 - 10	-
<b>Use group C</b>				
upper level	300 V	15 A	26 - 10	-
lower level	300 V	30 A	26 - 10	-
<b>Use group D</b>				
upper level	600 V	5 A	26 - 10	-
lower level	600 V	5 A	26 - 10	-

 **CSA**  
Approval ID: 13631



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## Classifications

### ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27250113

### 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	45352005-fd95-474f-b988-cc3ba6b65d9e

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PHOENIX CONTACT SEA Pte. Ltd.

105 Eunos Avenue 3, #04-00

Singapore 409836

+65 6228 4900

[marketing@phoenixcontact.com.sg](mailto:marketing@phoenixcontact.com.sg)