

High-current terminal block - UKH 240 BU - 0711852

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High-current terminal block, nom. voltage: 1000 V, nominal current: 415 A, connection method: Screw connection, number of connections: 2, number of positions: 1, cross section: 70 mm² - 240 mm², AWG: 2/0 - 500 kcmil, width: 36 mm, height: 123.6 mm, color: blue, mounting type: NS 35/15, NS 32

Your advantages

- Large-surface marking



Key Commercial Data

Packing unit	3 pc
GTIN	 4 017918 885120
GTIN	4017918885120
Weight per Piece (excluding packing)	496.000 g
Custom tariff number	85369010
Country of origin	India
Sales Key	BE1311

Technical data

General

Number of positions	1
Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	240 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III

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Technical data

General

Insulating material group	I
Maximum power dissipation for nominal condition	13.78 W
Maximum load current	415 A (with 240 mm ² conductor cross section)
Nominal current I _N	415 A
Nominal voltage U _N	1000 V
Open side panel	No
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
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

Dimensions

Width	36 mm
Length	100 mm
Height	123.6 mm
Height NS 35/15	131.5 mm
Height NS 32	129 mm

Connection data

Note	Screws with hexagonal socket
Connection method	Screw connection
Screw thread	M10
Stripping length	40 mm
Tightening torque, min	25 Nm
Tightening torque max	30 Nm
Connection in acc. with standard	IEC 60947-7-1
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	70 mm ²
Conductor cross section solid max.	240 mm ²
Conductor cross section AWG min.	2/0
Conductor cross section AWG max.	500 kcmil
Conductor cross section flexible min.	70 mm ²
Conductor cross section flexible max.	240 mm ²

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Connection data

Min. AWG conductor cross section, flexible	2/0
Max. AWG conductor cross section, flexible	500 kcmil
Conductor cross section flexible, with ferrule without plastic sleeve min.	70 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	185 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	70 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	185 mm ²
Cross section with insertion bridge, solid max.	240 mm ²
Cross section with insertion bridge, stranded max.	185 mm ²
2 conductors with same cross section, solid min.	35 mm ²
2 conductors with same cross section, solid max.	95 mm ²
2 conductors with same cross section, stranded min.	50 mm ²
2 conductors with same cross section, stranded max.	95 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	35 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	50 mm ²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	70 mm ²
Conductor cross section solid max.	240 mm ²
Conductor cross section AWG min.	2/0
Conductor cross section AWG max.	500
Conductor cross section flexible min.	70 mm ²
Conductor cross section flexible max.	185 mm ²
Internal cylindrical gage	B15

Ambient conditions

Operating temperature	-60 °C ... 105 °C (max. short-term operating temperature 125°C)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
	IEC/EN 60079-7
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

<https://www.phoenixcontact.com/gb/products/0711852>



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