PHŒNIX CONTACT

Device terminal block - GE 35/2-BA BU - 2701571

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Device terminal block, nom. voltage: 630 V, nominal current: 150 A, connection method: Screw connection, number of connections: 4, cross section: 0.75 mm² - 50 mm², AWG: 18 - 1/0, width: 34.75 mm, height: 44.9 mm, color: blue, mounting type: direct screw connection

The figure shows a similar product

RoHS

Key Commercial Data

Packing unit	15 pc
GTIN	4 046356 182393
GTIN	4046356182393

Technical data

General

Number of levels	1
Number of connections	4
Potentials	1
Nominal cross section	35 mm²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	4.06 W
Maximum load current	150 A (with 50 mm² conductor cross section)
Nominal current I_N	150 A
Nominal voltage U_N	630 V
Open side panel	No

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Technical data

Dimensions

Width	34.75 mm
Length	83.7 mm
Height	44.9 mm

Connection data

Note	Terminal point
Connection method	Screw connection
Screw thread	M6
Stripping length	15 mm
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section solid min.	0.75 mm²
Conductor cross section solid max.	50 mm²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	1/0
Conductor cross section flexible min.	0.75 mm²
Conductor cross section flexible max.	35 mm²
Min. AWG conductor cross section, flexible	18
Max. AWG conductor cross section, flexible	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm²
2 conductors with same cross section, solid min.	0.75 mm²
2 conductors with same cross section, solid max.	16 mm²
2 conductors with same cross section, stranded min.	0.75 mm²
2 conductors with same cross section, stranded max.	10 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.75 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	6 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.75 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	10 mm²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	0.75 mm²
Conductor cross section solid max.	50 mm²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	1/0
Conductor cross section flexible min.	0.75 mm²

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Connection data

Conductor cross section flexible max.	35 mm²

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-2
	IEC/EN 60079-7
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 4.0	27141106
eCl@ss 4.1	27141106
eCl@ss 5.0	27141106
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141106
eCl@ss 8.0	27141106
eCl@ss 9.0	27141106

ETIM

ETIM 3.0	EC000903
ETIM 4.0	EC000903
ETIM 5.0	EC001284
ETIM 6.0	EC001284

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121409
UNSPSC 19.0	39121409

Accessories

Accessories

Labeled terminal marker

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Accessories

Zack marker strip - ZB 10 CUS - 0824941

Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

Zack marker strip - ZB10,LGS:FORTL.ZAHLEN - 1053014

Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

Zack marker strip - ZB10,QR:FORTL.ZAHLEN - 1053027

Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks - ZB10,LGS:L1-N,PE - 1053412

Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks - ZB10,LGS:U-N - 1053438

Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: U, V, W, N, GND, U, V, W, N, GND, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.15 x 10.5 mm, Number of individual labels: 10

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Accessories

Marker for terminal blocks - UC-TM 10 CUS - 0824605

Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 9.6 x 10.5 mm, Number of individual labels: 48

Marker for terminal blocks - UCT-TM 10 CUS - 0829623

Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 8.9 x 9.6 mm, Number of individual labels: 36

Terminal marking

Marker card - SBS10:UNBEDRUCKT - 1007248

Marker card, Card, white, unlabeled, can be labeled with: Marker pen, perforated, mounting type: snap into tall marker groove, snap into flat marker groove, for terminal block width: 10 mm, lettering field size: 6 x 10.1 mm, Number of individual labels: 250

Zack marker strip - ZB 10:UNBEDRUCKT - 1053001

Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 10.5 x 10.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TM 10 - 0818069

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 9.6 x 10.5 mm, Number of individual labels: 48

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Accessories

Marker for terminal blocks - UCT-TM 10 - 0829142

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into tall marker groove, for terminal block width: 10.2 mm, lettering field size: 8.9 x 9.6 mm, Number of individual labels: 36

Mouser Electronics

Authorized Distributor

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