


UKN 35 BU

Order No.: 3034099



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Neutral conductor disconnect modular terminal block, Special and hybrid connection, Cross section: 0.75 mm² - 50 mm², AWG: 18 - 1/0, Width: 15.2 mm, Color: blue, Mounting type: NS 35/7.5, NS 35/15, NS 32

Commercial data	
GTIN (EAN)	 4 017918 092306
sales group	A010
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 257 (CL-2005)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data

General	
Number of levels	1
Number of connections	2
Color	blue

Insulating material	PA
Inflammability class acc. to UL 94	V2

Dimensions

Width	15.2 mm
Length	50 mm
Height NS 35/7.5	62 mm
Height NS 35/15	69.5 mm
Height NS 32	67 mm

Technical data

Maximum load current	110 A (with 50 mm ² conductor cross section)
Current carrying capacity of the neutral busbar	140 A
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	110 A
Nominal voltage U _N	400 V

Connection data

Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section stranded min.	0.75 mm ²
Conductor cross section stranded max.	35 mm ²
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	1/0
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm ²
2 conductors with same cross section, solid min.	0.75 mm ²
2 conductors with same cross section, solid max.	16 mm ²

2 conductors with same cross section, stranded min.	0.75 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm ²
Type of connection	Special and hybrid connection
Stripping length	15 mm
Screw thread	M6
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm

Certificates / Approvals



Certification

GOST

Accessories

Item	Designation	Description
Assembly		
1201141	AB/NS	Support, for insulated mounting of DIN rails in insulated systems, plastic, 21 mm high
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray
1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail
0401010	EK 116	Power terminal block, Load current : 76 A, Cross section: 0.5 mm ² - 16 mm ² , Width: 8 mm, Color: aluminum
0401023	EK 135	Power terminal block, Load current : 125 A, Cross section: 0.75 mm ² - 35 mm ² , Width: 12 mm, Color: aluminum

0402174	NLS-CU 3/10 SN 1000MM	PEN conductor busbar, 3mm x 10 mm, length: 1000 mm
1201028	NS 32 AL UNPERF 2000MM	G rail 32 mm (NS 32)
1201280	NS 32 CU/120QMM UNPERF 2000MM	G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201358	NS 32 CU/35QMM UNPERF 2000MM	G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m
1201002	NS 32 PERF 2000MM	G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m
1201015	NS 32 UNPERF 2000MM	G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
3032428	UAB	Support, Width: 2 mm, Color: blue

Marking

1007248	SBS10:UNBEDRUCKT	Marker cards, unprinted, for individual labeling with the M-PEN, 250-section, perforated, white plastic
1050525	ZB10:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

Tools

1205079	SZS 1,0X6,5 VDE	Screwdriver, bladed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip
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Additional products

Item	Designation	Description
Plug/Adapter		
0423014	AKG 16 BU	Power terminal block, Load current : 76 A, Cross section: 1.5 mm ² - 16 mm ² , Width: 9.8 mm, Color: blue
0424013	AKG 35 BU	Power terminal block, Load current : 125 A, Cross section: 2.5 mm ² - 35 mm ² , Width: 14.3 mm, Color: blue

Replacement clamping part

2715982	IAK 16	Connection terminal block, Width: 8 mm, Color: gray
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Address

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