

## Trunk line branch terminal - UDB 2X35/25 BN - 3071352

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Trunk line branch terminal, Connection method: Screw connection, Number of positions: 1, Cross section: 10 mm<sup>2</sup> - 35 mm<sup>2</sup>, AWG: 8 - 2, Width: 27 mm, Color: brown, Mounting type: NS 35/7,5, NS 35/15

### Why buy this product

- The branch terminal is suitable for the simple voltage pick-off of main supply cables
- Conformance with DIN VDE 0603-2/EN 60998-1



### Key commercial data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	 4 046356 735971
Weight per Piece (excluding packing)	80.11 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### General

Number of levels	1
Number of connections	4
Color	brown
Insulating material	PA
Inflammability class according to UL 94	V0
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60998-1
Maximum load current	125 A

# Trunk line branch terminal - UDB 2X35/25 BN - 3071352

## Technical data

### General

Nominal current $I_N$	125 A
Nominal voltage $U_N$	400 V (Max. 1000 V)
Connection in acc. with standard	IEC 60998-1
Maximum load current	125 A
Open side panel	nein
Number of positions	1

### Dimensions

Width	27 mm
Length	55 mm
Height NS 35/7,5	46 mm
Height NS 35/15	53.5 mm

### Connection data

Connection in acc. with standard	IEC 60998-1
Connection method	Screw connection
Note	Use ferrules for stranded conductors
Conductor cross section solid min.	10 mm <sup>2</sup>
Conductor cross section solid max.	35 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	8
Conductor cross section AWG/kcmil max.	2
Conductor cross section stranded min.	10 mm <sup>2</sup>
Conductor cross section stranded max.	25 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	8
Max. AWG conductor cross section, stranded	3
Conductor cross section stranded, with ferrule without plastic sleeve min.	10 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	10 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
Stripping length	25 mm
Screw thread	M6/M8
Tightening torque, min	4 Nm
Connection in acc. with standard	IEC 60998-1
Connection method	Screw connection
Conductor cross section solid min.	1.5 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm <sup>2</sup>

# Trunk line branch terminal - UDB 2X35/25 BN - 3071352

## Technical data

### Connection data

Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm <sup>2</sup>
Stripping length	25 mm

## Classifications

### eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120

### ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

### UNSPSC

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

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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Approvals submitted

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### Approval details

EAC
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## Trunk line branch terminal - UDB 2X35/25 BN - 3071352

### Accessories

#### Accessories

#### Connector

Ferrule - A 10 -18 - 3200344



Ferrule, Length: 18 mm, Color: silver

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Ferrule - A 16 -12 - 3200425



Ferrule, Length: 12 mm, Color: silver

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Ferrule - A 25 -20 - 3200386



Ferrule, Length: 20 mm, Color: silver

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Ferrule - A 35 -20 - 3200409



Ferrule, Length: 20 mm, Color: silver

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Ferrule - AI 4 -18 GY - 3200593



Ferrule, Sleeve length: 18 mm, Length: 26 mm, Color: gray

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## Trunk line branch terminal - UDB 2X35/25 BN - 3071352

### Accessories

Ferrule - AI 6 -18 YE - 3200603



Ferrule, Sleeve length: 18 mm, Length: 26 mm, Color: yellow

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Ferrule - AI 10 -18 RD - 3200616



Ferrule, Sleeve length: 18 mm, Length: 28 mm, Color: red

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Ferrule - AI 16 -18 BU - 3200629



Ferrule, Sleeve length: 18 mm, Length: 29 mm, Color: blue

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Ferrule - A 4 -18 - 3202834



Ferrule, Length: 18 mm, Color: silver

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Ferrule - A 6 -12 - 3200328



Ferrule, Length: 12 mm, Color: silver

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### Crimping tool

## Trunk line branch terminal - UDB 2X35/25 BN - 3071352

### Accessories

Crimping pliers - CRIMPFOX 25R - 1212039



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 10 mm<sup>2</sup> ... 25 mm<sup>2</sup>, lateral entry, WM crimp

Crimping pliers - CRIMPFOX 6T-F - 1212038



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6 mm<sup>2</sup>, front entry, trapezoidal crimp

### End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

### Mounting rail

## Trunk line branch terminal - UDB 2X35/25 BN - 3071352

### Accessories

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

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DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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## Trunk line branch terminal - UDB 2X35/25 BN - 3071352

### Accessories

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

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DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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## Trunk line branch terminal - UDB 2X35/25 BN - 3071352

### Accessories

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

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DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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## Trunk line branch terminal - UDB 2X35/25 BN - 3071352

### Accessories

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

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DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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### Screwdriver tools

Philips screwdriver - SF-PZSL 2-100 S-VDE - 1212700



Screwdriver, Philips

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### Drawings

## Trunk line branch terminal - UDB 2X35/25 BN - 3071352

Circuit diagram



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