

## Trunk line branch terminal - UDB 2X35/25 BK - 3071351

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Trunk line branch terminal, Connection method: Screw connection, Screw connection, Number of connections: 4, Number of positions: 1, Cross section: 10 mm<sup>2</sup> - 35 mm<sup>2</sup>, AWG: 8 - 2, Width: 27 mm, Color: black, 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 STK
GTIN	 4 046356 735865
GTIN	4046356735865

### Technical data

#### General

Number of positions	1
Number of levels	1
Number of connections	4
Potentials	1
Nominal cross section	35 mm <sup>2</sup>
Color	black
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	125 A

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## Technical data

### General

Nominal current $I_N$	125 A
Nominal voltage $U_N$	400 V (Max. 1000 V)
Open side panel	No

### Dimensions

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

### Connection data

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

### Standards and Regulations

Connection in acc. with standard	IEC 60998-1
	IEC 60998-1

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## Technical data

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

## Drawings

### Circuit diagram



## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

### Approval details

EAC		7500651.22.01.00246
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