

## Trunk line branch terminal - UDB 2X25/16 GN - 3071359

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Trunk line branch terminal, nom. voltage: 400 V, nominal current: 101 A, connection method: Screw connection, Screw connection, number of connections: 4, number of positions: 1, cross section: 1.5 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG: 8 - 2, width: 23 mm, color: green, 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 736046
GTIN	4046356736046

### Technical data

#### General

Number of positions	1
Number of levels	1
Number of connections	4
Potentials	1
Nominal cross section	25 mm <sup>2</sup>
Color	green
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	3.26 W
Maximum load current	101 A

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## Technical data

### General

Nominal current $I_N$	101 A
Nominal voltage $U_N$	400 V (max. 1000 V)
Open side panel	No

### Dimensions

Width	23 mm
Length	46 mm
Height NS 35/7,5	42 mm
Height NS 35/15	49.5 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.	1.5 mm <sup>2</sup>
Conductor cross section solid max.	25 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.	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	16 mm
Screw thread	M5/M6
Tightening torque, min	2.2 Nm
Tightening torque max	2.5 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.	16 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.	10 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.	6 mm <sup>2</sup>
Stripping length	16 mm
Tightening torque, min	1.7 Nm
Tightening torque max	2 Nm

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## Technical data

### Standards and Regulations

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

## Drawings

### Circuit diagram



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