

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

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Trunk line branch terminal, nom. voltage: 400 V, nominal current: 125 A, 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: brown, mounting type: NS 35/7,5, NS 35/15

### Your advantages

- 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
GTIN	
GTIN	4046356735971

### 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	brown
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
Designation	Level 1 above 1 below 1

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## Technical data

### General

Maximum load current	125 A
Nominal current $I_N$	125 A
Nominal voltage $U_N$	400 V (max. 1000 V)
Designation	Level 2 above 1 below 1
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	1 level
Connection method	Screw connection
Screw thread	M6/M8
Stripping length	25 mm
Tightening torque max	4 Nm
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>
Connection	2nd level
Connection method	Screw connection
Stripping length	25 mm
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>

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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



## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

### Approval details

EAC		RU C- DE.A*30.B.01742
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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>