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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Trunk line branch terminal - UDB 2X25/16 BK - 3071356

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Trunk line branch terminal, 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: 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 736015
GTIN	4046356736015

### 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	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	3.26 W
Maximum load current	101 A

# Trunk line branch terminal - UDB 2X25/16 BK - 3071356

## 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 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

### 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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