

**General ordering data**

Order No.	1771800000
Part designation	ZTL 6
Version	Disconnect and modular disconnect terminal, 6 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 + TS 32
EAN	4032248126620
Qty.	20 pc(s).

Product notes

Note, technical data	400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTL 6 with screw = 0.5 to 0.6 Nm
Product description	Terminal for power supply
Function	Without socket
Note, accessories	Plug-in tag carrier for additional marking tags above the cross-connection channel (BZT ZTL 6)

Additional technical data

Colour of insulating material	dark beige
Connection direction	top
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35 + TS 32
Insulating material	Wemid
Levels cross-connected internally	No
No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	Z-series
Type of connection	Tension clamp connection
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Test-disconnect terminals

Additional technical data**CSA rating data**

Voltage (CSA)	300 V
CSA current	33 A
Min. cross-section (CSA)	AWG 20
Max. cross-section (CSA)	AWG 8

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.5 mm ²
Clamping range, max.	10 mm ²
Type of connection	Tension clamp connection
Connection direction	top
No. of connections	2
Stripping length	13 mm
Blade size	0.8 x 4 mm
Tightening torque range	0.5...0.6 Nm
Gauge to IEC 60947-1	A5
Solid, min.	0.5 mm ²
Solid, max.	10 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	6 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	6 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	6 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	6 mm ²

Dimensions

Width	8 mm
Height of lowest version	47.5 mm
Length	106 mm
TS 32 offset	54.5 mm
TS 35 offset	54.5 mm

Disconnect terminals

Cross-disconnect	pluggable
Integral test socket	No
Slitting	sliding

Rating data

Rated cross-section	6 mm ²
Rated voltage	800 V
Rated impulse voltage	8 kV

Rating data

Rated current	41 A
Standards	IEC 60947-7-1
Current with max. conductor	52 A
Pollution severity	3

UL rating data

Voltage (UL)	300 V
Current (UL)	33 A
Min. cross-section (UL)	AWG 20
Max. cross-section (UL)	AWG 8

Approvals

Approvals institutes

**Classifications**

eClass 4.1	27-14-11-17
eClass 5.0	27-14-11-26
eClass 5.1	27-14-11-26

Similar products

Order No.	Part designation	Version
1771810000	ZTD 6	Disconnect and modular disconnect terminal, 6 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 + TS 32
1771960000	ZTD 6/STB	Disconnect and modular disconnect terminal, 6 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 + TS 32
1771950000	ZTL 6/STB	Disconnect and modular disconnect terminal, 6 mm ² , Tension clamp connection, Wemid, dark beige, TS 35 + TS 32