



#### General ordering data

Order No.	1745350000
Part designation	ZEI 16
Version	Feed-through terminal, 16 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
EAN	4032248002689
Qty.	20 pc(s).

#### Product notes

Note, ordering data	End plate is integrated.
Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm <sup>2</sup> .

#### Additional technical data

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

#### CSA rating data

Voltage (CSA)	600 V
CSA current	65 A

#### CSA rating data

Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 4

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm <sup>2</sup>
Clamping range, max.	25 mm <sup>2</sup>
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	top
No. of connections	2
Stripping length	18 mm
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	A7
Solid, min.	1.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	25 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	16 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm <sup>2</sup>
AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 4
AWG conductor size, min.	2.08 mm <sup>2</sup>
AWG conductor size, max.	21.15 mm <sup>2</sup>

#### Dimensions

Width	15 mm
Height of lowest version	51.5 mm
Length	82.5 mm
TS 35 offset	42 mm

#### Rating data

Rated cross-section	16 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	8 kV
Rated current	76 A
Standards	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

#### UL rating data

Voltage (UL)	600 V
Current (UL)	65 A
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 4

#### Approvals

Approvals institutes



#### Downloads

STEP	1745350000_28079_ZEI_16_STP.stp
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#### Classifications

eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

#### Similar products

Order No.	Part designation	Version
1766240000	ZEI 16 BL	Feed-through terminal, 16 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35