



#### General ordering data

Order No.	1616410000
Part designation	ZSI 2.5/LD 250AC
Version	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
EAN	4008190196844
Qty.	50 pc(s).

#### Product notes

Note, ordering data	For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.
Note, technical data	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.
Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm <sup>2</sup> .
Function	140 - 250 V
Note, accessories	Status display using a bi-directional LED.

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	Inclined / angled

**Additional technical data**

End plate required	Yes
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	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	Fuse terminal

**CSA rating data**

Voltage (CSA)	600 V
CSA current	15 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

**Conductors for clamping (additional connection)**

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	Inclined / angled
No. of connections	2
Stripping length	10 mm
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	3.31 mm <sup>2</sup>

**Conductors for clamping (rated connection)****Dimensions**

Width	7.9 mm
Height of lowest version	74 mm
Length	79.5 mm
TS 35 offset	39.5 mm

**Display element**

Current	6.3 A
Operating voltage for display, max.	250 V
Operating voltage for display, min.	140 V
Type of voltage for indicator	AC/DC

**Fuse terminals**

Cartridge fuse	G-Si. 5 x 20
Current	6.3 A
Display	Red LED
Fuse holder (cartridge holder)	Pivoting
Max. power loss connection arrangement	1.6 W
Operating voltage, max.	250 V
Power loss	2.5 W
Type of voltage for indicator	AC/DC

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	6.3 A
Standards	IEC 60947-7-3
Current with max. conductor	6.3 A
Pollution severity	3

**UL rating data**

Voltage (UL)	600 V
Current (UL)	10 A
Min. cross-section (UL)	AWG 26
Max. cross-section (UL)	AWG 12

**Approvals**

Approvals institutes

**Classifications**

eClass 4.1	27-14-11-16
eClass 5.0	27-14-11-16

## Classifications

eClass 5.1

27-14-11-16

## Similar products

Order No.	Part designation	Version
161640000	ZSI 2.5	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1826050000	ZSI 2.5-2/2X2AN/G20	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35
1826030000	ZSI 2.5-2/2X2AN/G20/GL	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35
1826200000	ZSI 2.5-2/2X2AN/G25	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35
1826090000	ZSI 2.5-2/2X2AN/G25/GL	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35
1616460000	ZSI 2.5/2 500AC	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1616490000	ZSI 2.5/2/LD 120AC	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1616500000	ZSI 2.5/2/LD 250AC	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1616470000	ZSI 2.5/2/LD 28AC	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1616480000	ZSI 2.5/2/LD 60AC	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1730900000	ZSI 2.5/5X25	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1616420000	ZSI 2.5/LD 120AC	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1616440000	ZSI 2.5/LD 28AC	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1616430000	ZSI 2.5/LD 60AC	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1058520000	ZSI 2X6/4X2.5	
1820930000	ZSI 6-2 2X2.5/G20	Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35
1820860000	ZSI 6-2 2X2.5/G20/GL	Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35
1820950000	ZSI 6-2 2X2.5/G25	Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35
1820940000	ZSI 6-2 2X2.5/G25/GL	Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35
1814690000	ZSI 6-2/FC	Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35
1814700000	ZSI 6-2/FC LD	Fuse terminal, 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, black, TS 35