



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!



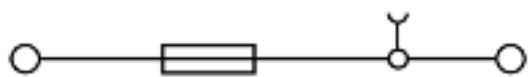
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#### General ordering data

Order No.	1616490000
Part designation	ZSI 2.5/2/LD 120AC
Version	Fuse terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
EAN	4008190196653
Qty.	10 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	60 - 150 V
Note, accessories	Status display using a bi-directional LED. With use of inch fuse cartridges

#### 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
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

**Additional technical data**

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	top
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>

**Dimensions**

Width	12.2 mm
Height of lowest version	74 mm
Length	79.5 mm
TS 35 offset	39 mm

**Display element**

Operating voltage for display, max.	150 V
Operating voltage for display, min.	60 V
Type of voltage for indicator	AC/DC

**Fuse terminals**

Cartridge fuse	G-Si. 6.3 x 32
Display	Red LED
Fuse holder (cartridge holder)	Pivoting
Max. power loss connection arrangement	2.5 W
Operating voltage, max.	120 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	12 A
Standards	IEC 60947-7-3
Current with max. conductor	12 A
Pollution severity	3

**UL rating data**

Voltage (UL)	600 V
Current (UL)	16 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
eClass 5.1	27-14-11-16

**Similar products**

Order No.	Part designation	Version
1616400000	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
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
1616410000	ZSI 2.5/LD 250AC	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