

## Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
<b>Note</b>	

### Ordering data

<b>Version</b>	
	500 V AC/DC, w/o LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
<b>Note</b>	

### Accessories

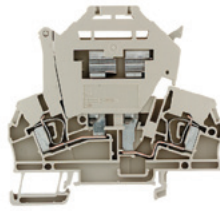
<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole
<b>End plate / Partition plate</b>	
	Dark beige Wemid
	Dark beige Wemid
<b>Screwdriver</b>	
	Standard
<b>G-fuse cartridge, 5 x 20mm (IEC 60127-2)</b>	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
<b>G25 with indicator / imperial (inch) fuse</b>	
	0.50 A medium slow / 2 A
	1.00 A medium slow / 3 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A

<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	

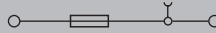
## ZSI 2.5

2.5 mm<sup>2</sup>


For metric fuses 5 x 20 mm



7.9 x 79.5 x 74  
6.3 / 4  
0.13...4



IEC 60947-7-3

	<b>IEC</b>	<b>UL</b>	<b>CSA</b>
	500	300 (C)	600 (C)
	6.3	10 (C)	15 (C)
	2.5	AWG 26...12	AWG 26...12
	6 kV / 3		
	A3 / V-0		
			
<b>Rated connection</b>			
	0.5...4		
	0.5...4 / 0.5...2.5		
	10 / 0.6 x 3.5 mm		
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
ZSI 2.5	50	1616400000
For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.		

<b>Type</b>	<b>current</b>	<b>Qty.</b>	<b>Order No.</b>
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
<b>Width</b>			
ZAP/TW 3	2 mm	50	1608800000
ZAP TNHE/ZSI2.5	1.1 mm	25	1610840000
SDIS SL 0.6X3.5X100		1	1274660000
G 20/0.25A/F		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000

<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags
<b>Note</b>	
	DEK 5/5 / WS 10/5
	Status display using a bi-directional LED.

## ZSI 2.5

Overload and short-circuit protection

<b>Type</b>	<b>Order No.</b>			
ZSI 2.5	1616400000			
<b>Arrangement</b>				
	<b>Applications</b>			
	<b>Only short-circuit protection</b>		<b>Overload and short-circuit protection</b>	
	<b>T<sub>A</sub> max.</b>	<b>Nominal values</b>	<b>T<sub>A</sub> max.</b>	<b>Nominal values</b>
Individual	52 °C	4.0 W / 6.3 A	27 °C	2.5 W / 2.5 A
In combination	55 °C	2.5 W / 6.3 A	41 °C	1.6 W / 6.3 A

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


**Technical data**

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

**Ordering data**

Version	
	500 V AC/DC, w/o LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

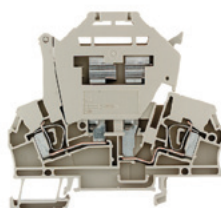
**Accessories**

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / Partition plate	
	Dark beige Wemid
	Dark beige Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
G25 with indicator / imperial (inch) fuse	
	0.50 A medium slow / 2 A
	1.00 A medium slow / 3 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A
Identification systems (see assortment in catalogue 7)	
	Marking tags
Note	

**ZSI 2.5 LED**


2.5 mm<sup>2</sup>

For metric fuses 5 x 20 mm



7.9 x 79.5 x 74	
<b>6.3 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-3

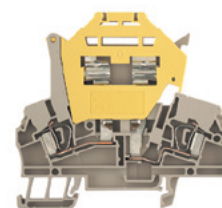
IEC	UL	CSA
500		
6.3		
2.5	AWG 26...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	
		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		


Type	Qty.	Order No.
ZSI 2.5/LD 28AC	50	1616440000
ZSI 2.5/LD 60AC	50	1616430000
ZSI 2.5/LD 120AC	50	1616420000
ZSI 2.5/LD 250AC	50	1616410000
For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.		

**ZSI 2.5/5x25**


2.5 mm<sup>2</sup>

For metric fuses 5 x 25 mm



7.9 x 79.5 x 74	
<b>6.3 / 4</b>	
<b>0.13...4</b>	

IEC 60947-7-3

IEC	UL	CSA
500		
6.3		
2.5		
	6 kV / 3	
	A3 / V-0	
		
Rated connection		
0.5...4		
0.5...4 / 0.5...2.5		
10 / 0.6 x 3.5 mm		
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Type	Qty.	Order No.
ZSI 2.5/5X25	50	1730900000
For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.		

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
Width			
ZAP/TW 3	2 mm	50	1608800000
ZAP TNHE/ZSI2.5	1.1 mm	25	1610840000
SDIS SL 0.6X3.5X100			
		1	1274660000
G 25/0.25A/F			
		10	0430500000
G 20/0.50A/F			
		10	0430600000
G 20/1.00A/F			
		10	0430700000
G 20/2.00A/F			
		10	0430900000
G 25/0.50A/M WS			
		10	0510300000
G 25/1.00A/M RT			
		10	0265800000
G 25/2.00A/F BL			
		10	0192700000
G 25/4.00A/F BR			
		10	0192800000

Identification systems	
	DEK 5/5 / WS 10/5
Note	
	Status display using a bi-directional LED.

## Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>


### Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-
Note	

### Ordering data

Version	
	500 V AC/DC, w/o LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

### Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / Partition plate	
	Dark beige Wemid
	Dark beige Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
G25 with indicator / imperial (inch) fuse	
	0.50 A medium slow / 2 A
	1.00 A medium slow / 3 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A
Identification systems (see assortment in catalogue 7)	
	Marking tags
Note	

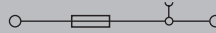
## ZSI 2.5/2

2.5 mm<sup>2</sup>

For imperial fuses



12.2 x 79.5 x 74  
**12 / 4**  
**0.13...4**



IEC 60947-7-3

IEC	UL	CSA
500	600 (C)	600 (C)
12	16 (C)	15 (C)
2.5	AWG 26...12	AWG 26...12
6 kV / 3		
A3 / V-0		



Rated connection	
	0.5...4
	0.5...4 / 0.5...2.5
	10 / 0.6 x 3.5 mm
Note	
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.	

Type	Qty.	Order No.
ZSI 2.5/2 500AC	10	1616460000
Note		
For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.		

Type	current	Qty.	Order No.
ZQS 2.5/2	10 A	20	1633200000
ZQS 2.5/3	10 A	20	1633210000
ZQS 2.5/4	10 A	20	1633220000
Width			
ZAP TNHE/ZSI2.5	1.1 mm	25	1610840000
SDIS SL 0.6X3.5X100		1	1274660000
GZ 10.0A		10	0293900000

## ZSI 2.5/2

Overload and short-circuit protection

Type	Order No.				
ZSI 2.5/2 500AC	1616460000				
Arrangement		Applications			
		Only short-circuit protection		Overload and short-circuit protection	
		T <sub>A</sub> max.	Nominal values	T <sub>A</sub> max.	Nominal values
Individual		46 °C	4.0 W / 10.0 A	40 °C	2.5 W / 2.5 A
In combination		72 °C	2.5 W / 2.5 A	29 °C	2.5 W / 2.5 A

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm<sup>2</sup>.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/Height of lowest version	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

<b>Rated data</b>	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / Flammability class UL94	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm/-

**Note**

### Ordering data

<b>Version</b>	
	500 V AC/DC, w/o LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED

**Note**

### Accessories

<b>Pluggable cross-connection</b>	
	2-pole
	3-pole
	4-pole

<b>End plate / Partition plate</b>	
	Dark beige Wemid
	Dark beige Wemid

<b>Screwdriver</b>	
	Standard

<b>G-fuse cartridge, 5 x 20mm (IEC 60127-2)</b>	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast

<b>G25 with indicator / imperial (inch) fuse</b>	
	0.50 A medium slow / 2 A
	1.00 A medium slow / 3 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A

<b>Identification systems</b>	(see assortment in catalogue 7)
	Marking tags

**Note**

## ZSI 2.5/2 LED

2.5 mm<sup>2</sup>

For imperial fuses



12.2 x 79.5 x 74  
**12 / 4**  
**0.13...4**



IEC 60947-7-3

IEC	UL	CSA
12		
2.5	AWG 26...12	AWG 26...12
	6 kV / 3	
	A3 / V-0	



<b>Rated connection</b>
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Qty.	Order No.
ZSI 2.5/2/LD 28AC	10	1616470000
ZSI 2.5/2/LD 60AC	10	1616480000
ZSI 2.5/2/LD 120AC	10	1616490000
ZSI 2.5/2/LD 250AC	10	1616500000

For the fuse insert carrier, the rated voltage is 250 V and the rated impulse voltage is 4 kV.

Type	current	Qty.	Order No.
ZQS 2.5/2	10 A	20	1633200000
ZQS 2.5/3	10 A	20	1633210000
ZQS 2.5/4	10 A	20	1633220000

Width			
ZAP TNHE/ZSI2.5	1.1 mm	25	1610840000
SDIS SL 0.6X3.5X100		1	1274660000

Type	current	Qty.	Order No.
GZ 10.0A		10	0293900000

DEK 5/5 / WS 10/5

Status display using a bi-directional LED. With use of inch fuse cartridges.