

Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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 with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²




Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	400 V AC/DC, without 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	
	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
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

ZSI 2.5

2.5 mm²

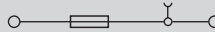
For metric fuses 5 x 20



7.9 x 79.5 x 74

6.3 / 4

0.13...4



IEC 60947-7-3

IEC	UL	CSA
500	600	600
6.3	10	15
2.5	AWG 26...12	AWG 26...12
6 / 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	50	1616400000
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 fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

ZSI 2.5/5x25

2.5 mm²

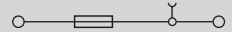
For metric fuses 5 x 25



7.9 x 79.5 x 74

6.3 / 4

0.13...4



IEC 60947-7-3

IEC	UL	CSA
500	600	600
6.3	10	15
2.5	AWG 26...12	AWG 26...12
6 / 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 fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 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		25	1610840000
SD 0.6x3.5x100		1	9008330000
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
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

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		25	1610840000
SD 0.6x3.5x100		1	9008330000
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

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

DEK 5/5 / WS 10/5

ZSI 2.5/2

2.5 mm²

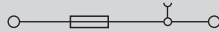
For imperial fuses



12.2 x 79.5 x 74

12 / 4

0.13...4



IEC 60947-7-3

IEC	UL	CSA
500	600	600
12	16	15
2.5	AWG 26...12	AWG 26...12
6 / 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 2.5/2 500AC	10	1616460000
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 fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 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	25	1610840000
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SD 0.6x3.5x100	1	9008330000
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GZ 10.0A	10	0293900000
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DEK 5/5 / WS 10/5

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

Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

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 with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²




Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
400 V AC/DC, without 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	
	End plate, 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	
Marking systems	
(see assortment in catalogue 7)	
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 20 / 5 x 25



12.2 x 68 x 55	
10 / 4	
0.13...4	

IEC 60947-7-3		
IEC	UL	CSA
500	300	300
10	10	10
2.5	AWG 26...12	AWG 26...12
4 / 3		
A3 / V-0		
		
Rated connection	Further connection	
0.5...4	0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm	
The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A		

Type	Qty	Order No.
ZSI 2.5-2/2X2AN/G20	20	1826050000
ZSI 2.5-2/2X2AN/G20/LD1	20	1867440000
ZSI 2.5-2/2X2AN/G20/LD2	20	1867430000
ZSI 2.5-2/2X2AN/G20/LD3	20	1867420000
ZSI 2.5-2/2X2AN/G20/LD4	20	1879730000
G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request		


ZSI 6-2

6 mm²

For metric fuses 5 x 20 / 5 x 25



12.2 x 65 x 55	
10 / 10	
0.13...10	

IEC 60947-7-3		
IEC	UL	CSA
500	300	300
10	10	10
6	AWG 26...8	AWG 26...8
4 / 3		
A3 / V-0		
		
Rated connection	Further connection	
0.5...10	0.5...10 / 0.5...6	
0.5...10 / 0.5...6	0.5...10 / 0.5...6	
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm	
The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8		

Type	Qty	Order No.
ZSI 6-2 2X2.5/G20	20	1820930000
ZSI 6-2 2X2.5/G20/LD1	20	1867500000
ZSI 6-2 2X2.5/G20/LD2	20	1867490000
ZSI 6-2 2X2.5/G20/LD3	20	1867480000
ZSI 6-2 2X2.5/G20/LD4	20	1879750000
G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request		

Type	current	Qty	Order No.
ZQV 6/2 GE	41 A	60	1627850000
Width			
ZAP ZDU6-2 SW	2.5 mm	50	1814710000
SD 0.6x3.5x100		1	9008330000
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
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

Type	current	Qty	Order No.
ZQV 4/2 GE	32 A	60	1608950000
Width			
ZAP ZDU6-2 SW	2.5 mm	50	1814710000
SD 0.8x4.0x100		1	9008340000
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
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

DEK 5/5 / WS 10/5
Status indication via neon lamp.

DEK 5/5 / WS 10/5
Status indication via neon lamp.

ZSI 6-2/FC

6 mm²

For car fuses



8.1 x 70 x 54.5
30 / 10
0.33...10



IEC 60947-7-3 / DIN 72581-3

IEC	UL	CSA
250	300	300
30	30	25
6	AWG 22...10	AWG 22...10
	6 / 3	
	A5 / V-0	



Rated connection	Further connection
0.5...10	
0.5...10 / 0.5...6	
10 / 4.0 x 0.8 mm	

If large conductor cross-sections are used, the thermal power loss of the fuses is better dissipated.

Type	Qty	Order No.
ZSI 6-2/FC	25	1814690000
ZSI 6-2/FC LD	25	1814700000

Continuous current at fuse max. 80% IN; For the cartridge fuse holder the rated voltage is 250 V, and the rated impulse withstand voltage 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 ZDU6-2 SW	2.5 mm	50	1814710000
SD 0.8x4.0x100		1	9008340000

DEK 5/6 / WS 12/6
 Status display using a bi-directional LED. With use of Pudenz fuses For ordering data on fuse cartridges, refer to page D.141.

