

ZSI 2.5

2.5 mm²

For metric fuses 5 x 20 mm

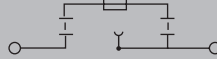
ZSI 2.5

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 79.5 x 73
6.3 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	600 (C)	
6.3	10	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			
CE CB IEC 60947-7-3 VDE 0171			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
0.6 x 3.5 mm			
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

Type	Order No.
ZSI 2.5	1616400000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
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

Ordering data

Version
500 V AC/DC, without LED
Note

Type	Qty.	Order No.
ZSI 2.5	50	1616400000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	dark beige
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

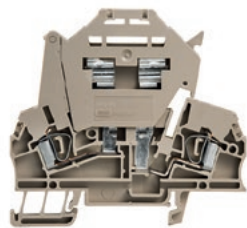
For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series) Fuse terminal blocks

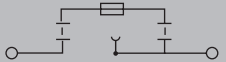
ZSI 2.5/QV 2.5 mm²

For metric fuses 5 x 20



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 79.5 x 73
6.3 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
400			
6.3			
2.5			
6 kV / 3			
V-0			
C E			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
0.6 x 3.5 mm			
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

Ordering data

Version
dark beige
Note

Type	Qty.	Order No.
ZSI 2.5/QV	50	1799470000
For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.		

Accessories

Plug-in cross-connection
2-pole
4-pole
End plate / Partition plate
dark beige
dark beige
Screwdriver
Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)
0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast
Marking tags

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100		
1		2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue

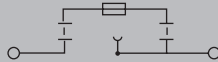
ZSI 2.5 LED

2.5 mm²

For metric fuses 5 x 20 mm



7.9 x 79.5 x 73
6.3 / 4
0.13...4



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

Ordering data

Version	
500 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

Plug-in cross-connection	
2-pole	
4-pole	
End plate / Partition plate	
dark beige	
dark beige	
Screwdriver	
Standard	
G-fuse cartridge, 5 x 20 mm (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 tags	

For detailed information on other accessories and application in the online catalogue

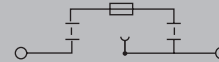
ZSI 2.5/5x25

2.5 mm²

For metric fuses 5 x 25 mm



7.9 x 79.5 x 73
6.3 / 4
0.13...4



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
2.5			
	6 kV / 3		
	V-0		
C E			
Rated connection			
0.5...4			
0.5...4			
0.6 x 3.5 mm			
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		
CE  ENEC  			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
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
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Type	Qty.	Order No.
ZSI 2.5/5X25	50	1730900000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Status display using a bi-directional LED.

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 25/0.50A/M WS	0.5 A 10	0510300000
G 25/1.00A/M RT	1 A 10	0265800000
G 25/2.00A/F BL	2 A 10	0192700000
G 25/4.00A/F BR	4 A 10	0192800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Spring connection with tension clamp technology (Z-Series) Fuse terminal blocks

ZSI 2.5/2

2.5 mm²

For imperial fuses

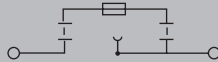


ZSI 2.5/2

Overload and short-circuit protection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 79.5 x 73
12 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
12	16	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			

CE ENEC UL

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

Ordering data

Version
500 V AC/DC, without LED
Note

Type	Qty.	Order No.
ZSI 2.5/2 500AC	10	1616460000
Note		
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQS 2.5/2	24 A 20	1633200000
ZQS 2.5/4	24 A 20	1633220000
ZAP TNHE/ZSI2.5		
	25	1610840000
SDIS SLIM 0.6X3.5X100		
	1	2749610000
DEK 5/5 MC NE WS		
	1000	1609801044
WS 10/5 MC NE WS		
	720	1635000000

Type	Order No.
ZSI 2.5/2 500AC	1616460000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A 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

For detailed information on other accessories and application in the online catalogue

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

ZSI 2.5/2 LED

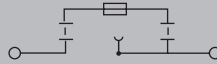
2.5 mm²

For imperial fuses



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 79.5 x 73
12 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
12			
2.5	AWG 26...12	AWG 26...12	
		6 kV / 3	
		V-0	

CE ENEC TUV SÜD

Rated connection

0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Note

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

Ordering data

Version
10-36 V AC/DC, with LED
60-150 V AC/DC, with LED
140-250 V AC/DC, with LED
Note

Type	Qty.	Order No.
ZSI 2.5/2/LD 28AC	10	1616470000
ZSI 2.5/2/LD 120AC	10	1616490000
ZSI 2.5/2/LD 250AC	10	1616500000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Accessories

Plug-in cross-connection
2-pole
4-pole
End plate / Partition plate
dark beige
Screwdriver
Standard
Marking tags

Type	Qty.	Order No.
ZQS 2.5/2	24 A 20	1633200000
ZQS 2.5/4	24 A 20	1633220000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue

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



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 20



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

Ordering data

Version	
	500 V AC/DC, without LED
Note	

Accessories

Plug-in cross-connection	
	2-pole
End plate / Partition plate	
	End plate, Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	
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

For detailed information on other accessories and application in the online catalogue

ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 25



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

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

Type	Qty.	Order No.
ZSI 2.5-2/2X2AN/G25	20	1826200000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
G 25/0.50A/M WS	0.5 A 10	0510300000
G 25/1.00A/M RT	1 A 10	0265800000
G 25/2.00A/F BL	2 A 10	0192700000
G 25/4.00A/F BR	4 A 10	0192800000

For detailed information on other accessories and application in the online catalogue