

Spring connection with PUSH IN technology (P-Series)

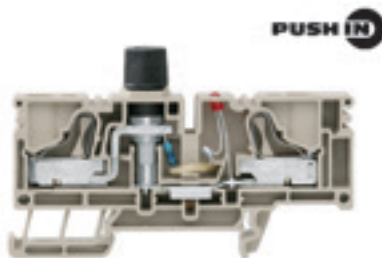
Fuse terminal blocks

PSI 6/10

6 mm²

PSI 6/10

Overload and short-circuit protection



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

12.2 x 81 x 39.6
10 / 10
1.5...10

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 60947-7-1			
IEC	UL	CSA	EN 60079-7
250			
6.3			
6			
		8 kV / 3	
		V-0	
CE			
Rated connection			
1.5...6			
1.5...10 / 1.5...10			
0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	dark beige
	black
	black
Note	

Type	Qty.	Order No.
PSI 6/10	25	1083050000
PSI 6/10/LD 10-36V	25	1231880000
PSI 6/10/LD 10-36V SW	25	1231870000
PSI 6/10 SW	25	1165140000
Short-circuit protection aligned individually: 10 A and 4 W.		

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	black
End bracket	
	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
Identification systems	

Type	current	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
End plate / Partition plate			
PAP PTL/PSI 6/10		20	1165320000
PAP PTL/PSI 6/10 SW		20	1165330000
End bracket			
ZEW 35		20	9540000000
Screwdriver			
SDS 0.5X3.0X80		1	9008320000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)			
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
Identification systems			
WS 10/8 PLUS MC NE WS		420	1905950000

Type	Order No.			
PSI 6/10	1083050000			
Applications				
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	35 °C	2.5 W / 6.3 A		
In combination	26 °C	2.5 W / 6.3 A		

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

Every second cross-connection pin must be broken out.

Fuse cartridges and gauge rings for Weidmüller Fuse terminal blocks

Fuse cartridges

for terminal type:

PSI 6/10

WSI 4

WSI 6



Ordering data

G-type fuse cartridges 5 x 20 without indicator in acc. with IEC 60127-2 (VDE 0820 T.2 B1)¹⁾

Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
	0.1	quick-acting	G 20/0.10A/F	10	0430300000
	0.2	quick-acting	G 20/0.20A/F	10	0430400000
Cartridge fuse	0.25	quick-acting	G 20/0.25A/F	10	0430500000
Rated breaking capacity	0.5	quick-acting	G 20/0.50A/F	10	0430600000
	0.63	quick-acting	G 20/0.63A/F	10	0439000000
	1	quick-acting	G 20/1.00A/F	10	0430700000
	1.6	quick-acting	G 20/1.60A/F	10	0430800000
	2	quick-acting	G 20/2.00A/F	10	0430900000
	2.5	quick-acting	G 20/2.50A/F	10	0431000000
	3.15	quick-acting	G 20/3.15A/F	10	0431100000
	4	quick-acting	G 20/4.00A/F	10	0431200000
	5	quick-acting	G 20/5.00A/F	10	0431300000
	6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting

Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

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, RoHS, REACH, VDE, TÜV

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	
	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

Pluggable 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
Identification systems	

Type	current	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 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
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

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

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

Status display using a bi-directional LED.

ZSI 2.5 LED

2.5 mm²

For metric fuses 5 x 20 mm



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	-
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
6.3			
2.5	AWG 26...12	AWG 26...12	
			6 kV / 3
			V-0
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	
	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	

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.		

Accessories

Pluggable 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
Identification systems	

Type	current	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 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
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

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
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 2.5/5X25	50	1730900000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Type	current	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 SL 0.6X3.5X100		1	1274660000
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 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.