

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

ZSI 6-2/FC

6 mm²

For car fuses



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

8.1 x 70 x 50
30 / 10
0.33...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	

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
Note	

Accessories

Pluggable cross-connection	
2-pole	
4-pole	
End plate / Partition plate	
End plate, Wemid	
Screwdriver	
Standard	
Circuit breaker ETA and car fuses*	
Rated voltage	
Rated current	A
Switching capacity	A
Protection	IP
*) Note: not possible to order from Weidmüller	
Rated current circuit breaker	A

ETA 1180



Identification systems

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

DIN 72581-3, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
30	25	25	
6	AWG 22...10	AWG 22...10	
6 kV / 3			
V-0			

Rated connection	
0.5...10	
0.5...10 / 0.5...6	
4.0 x 0.8 mm	
Fuse continuous current max. 80 % IN.	

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

Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2 SW		50	1814710000
SDIS SLIM 0.8X4.0X100		1	2749620000
Circuit breaker 1180			
65 V DC / 250 V AC			
0.1...10			
2000			
40			

Circuit breaker 1180			
	Order No.		Order No.
0.1	1278840000	2	1278970000
0.2	1278850000	2.5	1278980000
0.25	1278860000	3	1278990000
0.3	1278870000	3.5	1279010000
0.4	1278880000	4	1279020000
0.5	1278910000	5	1279030000
0.6	1278920000	6	1279040000
0.7	1278930000	7	1279050000
0.8	1278940000	8	1279060000
1	1278950000	10	1279070000
1.5	1278960000		
DEK 5/6 MC NE WS	1000		1609820000
WS 12/6 MC NE WS	600		1609900000

Status display using a bi-directional LED. With use of Pudenz fuses.

ZSI 6-2/FC

Overload and short-circuit protection

Type	Order No.
ZSI 6-2/FC	1814690000

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	24 °C	3.0 W / 30 A	*	*
In combination	28 °C	1.90 W / 24 A (30 A)**	*	*

*) Values not available
**) According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 30 A fuse can be loaded to a maximum 24 A