

WSI Fuse Terminals with Low Current Status Indication



Weidmuller offers versions of the WSI fuse terminals with low current blown fuse indication (BFI).

The BFI circuit is located in parallel with the fuse so that a current goes through the indicator only when the fuse blows. As this current is an unwanted off-state leakage current it is important that the level be kept to an absolute minimum. Weidmuller's BFI circuits draw no more than 500 μ A - not enough to pose a safety hazard or falsely energize PLC or DCS digital inputs.

Features:

- WSI 6 LD for 5x20mm fuses, just 8mm wide
- WSI 6/2 LD for 1 1/4" x 1/4" fuses, 12mm wide
- Moulded from UL 94-V0 Wemid material
- 35mm DIN rail mounting
- Non-polarized, full wave rectified LED circuit with less than 500 μ A leakage at nominal voltage as per CSA Standard C22.2 No. 39 Fuse Holder Assemblies and UL Standard 512 Fuseholders.

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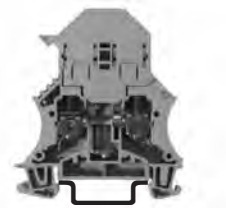
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WSI 6 LD
with LED indicator for
DC or AC voltage



WSI 6/2
with LED for inch fuses VAC/VDC



Note:
Voltage is disconnected by opening the disconnect lever. If the fuse of the LED variants is defective, the downstream circuit is still under current, since low-level current is still flowing via the LED.

Technical data

Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	
Rated data of terminal base (for Europe)	
Rated voltage/current/cross-section	
Rated impulse voltage acc. to VDE 0110/1.89 /pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with DMS 2 electric screwdriver	
Clampable conductors	
Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule acc. to DIN 46 228/1	mm ²
Flexible H07V-K and ferrules with plastic insul. collar	mm ²
Max. clamping range in mm ² /Gauge pin acc. to 947-1	Size
Cont. current of cross-connect. 2-pole	A
Cont. current of cross-connect. multi-pole	A
UL/CSA rated data	
Voltage/current/conductor size	
Voltage/current/conductor size	

UL	
8/60/72	
12mm/M 3.5/4.0 x 0.8	
500 V/6.3 A/6mm ²	
6 kV/3	
0.8...1.6	
3	
0.5...10	
1.5...10	
0.5...10	
0.5...6	
0.5...6	
0.5...10	
A 5	
26	
26	
300 V/10 A/20...8 AWG	
300 V/10 A/20...8 AWG	

UL	
12/60/79.5	
12mm/M 3.5/4.0 x 0.8	
500 V/6.3 A/6mm ²	
6 kV/3	
0.8...1.6	
3	
0.5...10	
1.5...10	
0.5...10	
0.5...6	
0.5...6	
0.5...10	
A 5	
26	
26	
600 V/16 A/20...8 AWG	
600 V/16 A/20...8 AWG	

Ordering data

Description	Version
10-36VAC/DC, 0.5mA typ.	Dark beige Wemid/LED
30-70VAC/DC, 0.5mA typ.	Dark beige Wemid/LED
60-150VAC/DC, 0.5mA typ.	Dark beige Wemid/LED
250VAC/110VDC, 0.5mA typ.	Dark beige Wemid/LED
Partition/End plate	
	WAP
	WTW
Thickness 1.5mm	
Cross-connection/Test plug/Notching tool	
	QL 2-10
	Notching tool for QL WAW 2
Fuse inserts	
	0.10A
	0.20A
	0.25A
	0.50A
	1.0A
	1.6A
	2.0A
	2.5A
	3.15A
	4.0A
	5.0A
	6.3A

Type	Qty.	Part No.
WSI 6/LD 10-36VAC/DC LL	50	1011300001
WSI 6/LD 30-70VAC/DC LL	50	1012200001
WSI 6/LD 60-150VAC/DC LL	50	1012300001
WSI 6/LD 250VAC/110VDC LL	50	1012400001
Type	Qty.	Part No.
WAP	50	1050000000
WTW 2.5-10	20	1050100000
5 x 20mm		
QL 2	50	0194300000
QL 3	50	0194400000
QL 4	50	0194500000
QL 10	20	0338300000
BS-M 3x5	100	1052100000
PS 2.3	20	0180400000
WAW 2	1	9004510000
	10	0430300000
	10	0430400000
	10	0430500000
	10	0430600000
	10	0430700000
	10	0430800000
	10	0430900000
	10	0431000000
	10	0431100000
	10	0431200000
	10	0431300000
	10	0431400000

Type	Qty.	Part No.
WSI 6/2/LD 10-36VAC/DC LL	25	1014100001
WSI 6/2/LD 30-70VAC/DC LL	25	1014200001
WSI 6/2/LD 60-150VAC/DC LL	25	1014300001
WSI 6/2/LD 250VAC/110VDC LL	25	1014400001
Type	Qty.	Part No.
WAP	50	1050000000
WTW 2.5-10	20	1050100000
¼" x 1¼"		
E 2 A	1	0294500000
E 3 A	1	0295700000
E 5 A	1	0294600000
E 7 A	1	0295800000
E 10 A	1	0293900000

Mounting rails, brackets, additional marking material and accessories please see relevant Catalog Section