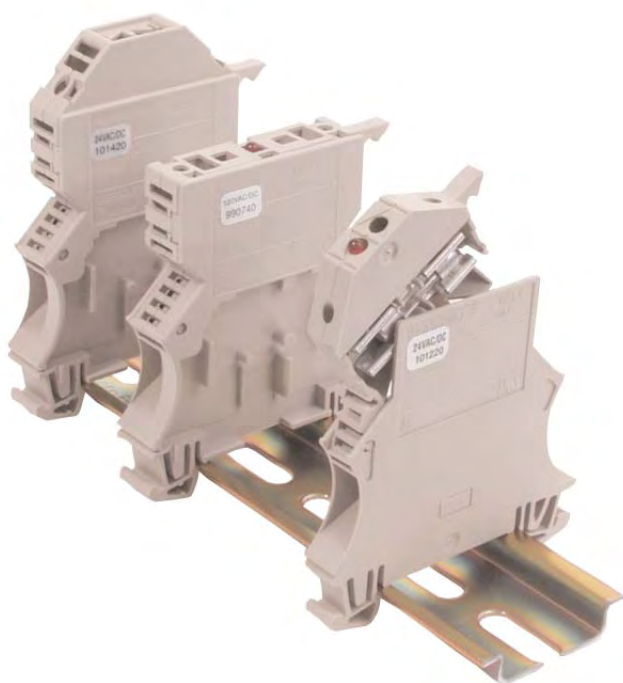


WSI Fuse Terminals with Low Current Status Indication



Weidmüller 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. Weidmüller'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 $\frac{1}{4}$ " x $\frac{1}{4}$ " fuses, 12mm wide
- WSI 6/2 LD available in low profile or standard packages
- 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

WSI 6 LD and WSI 6/2 LD

WSI 6 LD with LED indicator for DC or AC voltage



WSI 6/2⁽¹⁾ with LED for inch fuses VAC/VDC



WSI 6/2⁽¹⁾ for inch fuses



Note:

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

Dimensions/approvals

Width/length/height (mm) with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade

Rated data of terminal base

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 mm²
Stranded H07V-R mm²
Flexible H07V-K mm²
Flexible H07V-K and ferrule acc. to DIN 46 228/1 mm²
Flexible H07V-K and ferrules with plastic insul. collar mm²
Max. clamping range in mm²/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 UL
Voltage/current/conductor size CSA

Ordering data **Version**

10-36Vac/dc Dark beige Wemid/LED
30-70Vac/dc Dark beige Wemid/LED
60-150Vac/dc Dark beige Wemid/LED
140-250Vac/dc Dark beige Wemid/LED
120Vac/dc ±20% Dark beige Wemid/LED
24Vac/dc ±20% Dark beige Wemid/LED

Partition/End plate



Cross-connection/Test plug/Notching tool



Fuse inserts

0.10 A
0.20A
0.25A
0.50A
1.0A
1.6A
2.0A
2.5A
3.15A
4.0A
5.0A
6.3A

UL

8/60/72
12 mm/M 3.5/4.0 x 0.8

500 V⁽²⁾ /6.3 A⁽¹⁾ /6 mm²
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

300 V/10 A/20...8 AWG
300 V/10 A/20...8 AWG

Leakage	Cat. No.	Qty.
0.5mA *	1011300001	50
0.5mA *	1012200001	50
0.5mA *	1012300001	50
0.5mA *	1012400001	50

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20

QL 2	0194300000	50
QL 3	0194400000	50
QL 4	0194500000	50
QL 10	0338300000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1
5 x 20mm		
	0430300000	10
	0430400000	10
	0430500000	10
	0430600000	10
	0430700000	10
	0430800000	10
	0430900000	10
	0431000000	10
	0431100000	10
	0431200000	10
	0431300000	10
	0431400000	10

UL

12/60/79.5
12 mm/M 3.5/4.0 x 0.8

500 V⁽³⁾ /6.3 A⁽²⁾ /6 mm²
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

600 V/16 A/20...8 AWG
10-220 V/16 A/20...8 AWG

Leakage	Cat. No.	Qty.
0.5mA *	1014100001	25
0.5mA *	1014200001	25
0.5mA *	1014300001	25
0.5mA *	1014400001	25

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20

QL 2	0470700000	50
QL 3	0470800000	50
QL 4	0470900000	50
QL 10	0471000000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1
¼" x 1¼"		
E 2 A	0294500000	10
E 3 A	0295700000	10
E 5 A	0294600000	10
E 7 A	0295800000	10
E 10 A	2093900000	10

UL

12/60/67
12 mm/M 3.5/4.0 x 0.8

500 V⁽³⁾ /6.3 A⁽²⁾ /6 mm²
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

600 V/16 A/20...8 AWG
600 V/16 A/20...8 AWG

Leakage	Cat. No.	Qty.
0.5mA	9907400000	25
0.2mA	9907410000	25

Type	Cat. No.	Qty.
WAP	1050000000	50
WTW 2.5-10	1050100000	20

QL 2	0470700000	50
QL 3	0470800000	50
QL 4	0470900000	50
QL 10	0471000000	20
BS-M 3x5	1052100000	100
PS 2.3	0180400000	20
WAW 2	9004510000	1
¼" x 1¼"		
E 2 A	0294500000	10
E 3 A	0295700000	10
E 5 A	0294600000	10
E 7 A	0295800000	10
E 10 A	2093900000	10

* ≤0.5mA nominal leakage at nominal voltage

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