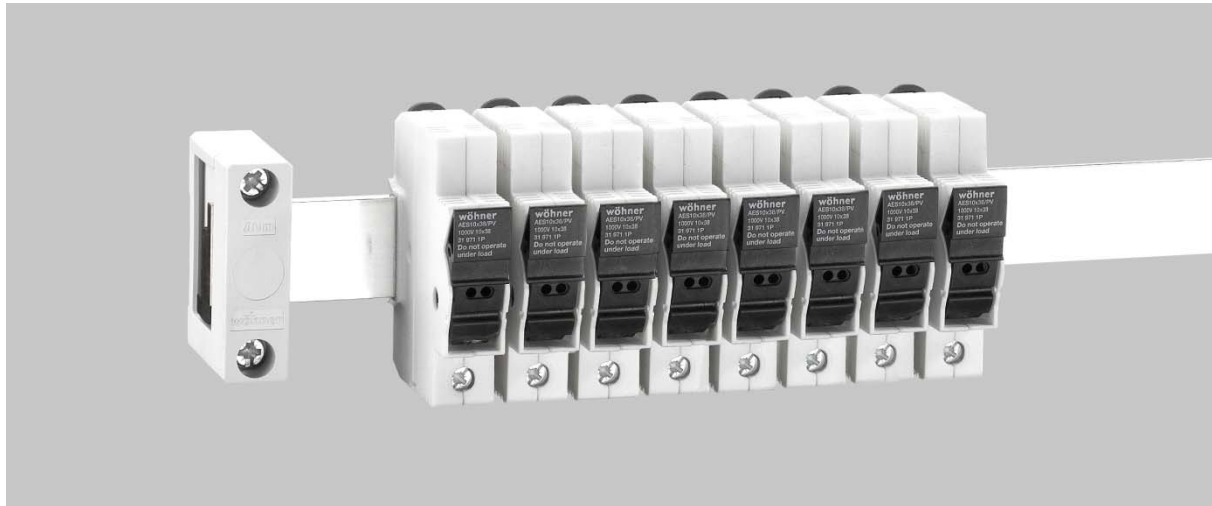


The new **AMBUS® EasyLiner** for photovoltaics Direct busbar mounting



Advantages

Time and cost savings

- Fuse holders mount directly to the busbar, simplifying system assembly and wiring
- System uses standard busbars, terminals and supports

Improved thermal and electrical characteristics

- Fuse holder construction improves air flow around circuit components

Wöhner is extending the range of its **AMBUS®**-fuse holders for photovoltaic applications, to incorporate features that will improve system assembly and operational efficiencies. This new and innovative device for 10 x 38 (midget) string fuses mounts directly to a busbar instead of 35mm DIN-rail. Assembly and electrical connections are merged into one step of installation. Mounting an expensive comb-type busbar is no longer necessary. This saves on lead-times, inventory cost, assembly time and component cost in the manufacturing of PV combiner boxes.

Wöhner offers two new fuseholder devices. One type for 20 x 5 or 10 mm busbars. And a second type to be mounted on 30 x 5 or 10 mm busbars. The thickness of the busbar (5 or 10 mm) can be changed based upon the required current carrying capacity of the system assembly. Using standard busbars enables the collecting of array currents of up to 630 amps (756A UL).

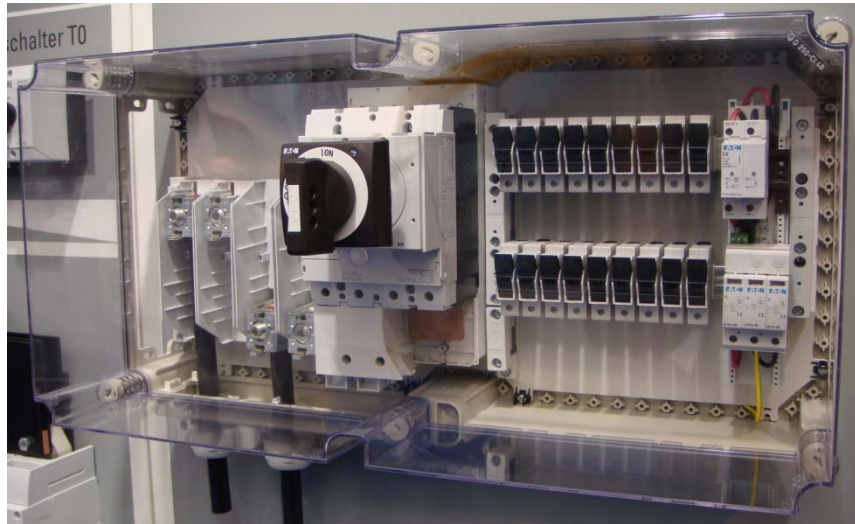
Besides collecting high currents with inexpensive busbars, a wide range of standard accessories can be used. All common types of cables and flexible insulated busbars can be connected using the UL-certified **CRITO® ProfiClip** terminal.

The design and material construction of the new **AMBUS® EasyLiner** is optimised for a high power rating of 6 watts per string fuse. This satisfies the higher watt losses associated with photovoltaic fuses (gPV). PV fuses are installed in assemblies that are subject to extreme environments that demand higher ambient temperature ratings. For dependable operation over years of service, the fuse holder construction insures optimal air-flow around the fuses.

Potential customers for the new **AMBUS® EasyLiner** are

- Inverter manufactures
- Manufacturers of combiner boxes
- PV system installers

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AMBUS® EasyLiner PV, bus-mounting fuse holder, size 10 x 38, **1-pole**

Part number 20x5/10	31572	Part number 30x5/10	31570
EAN Code	4021267315726	EAN Code	4021267315702
List price	6.35 €	List price	6.35 €
Product group	01	Sub group	46
Pack size	12	Weight	44.5 g
Dimension (DxWxH)	74 x 22.5 x 70 mm	Copper weight	5.5 g
Rated voltage	1000 V DC	Rated current	30 A
Approvals	CE, (UL 4248-18 pending)		

Accessories:

CRITO® ProfiClip, brace terminals (UL 508 listed)

For busbars	Connection	Part number
20 x 5 to 30 x 10	For flat flex up to 30 x 20	01319
	Cu and Al 95 – 185 mm ²	01318
	For flat flex up to 32 x 20	01759
	Cu and Al 120 – 300 mm ²	01760

Universal busbar support (UL 508 listed)

Type	Busbars	Part number
1-pole	20 x 5/10, 30 x 5/10	01601
3-pole	20 x 5/10, 30 x 5/10	01508
4-pole	20 x 5/10, 30 x 5/10	01357

Motion Technologies : Phone - 480-303-9155