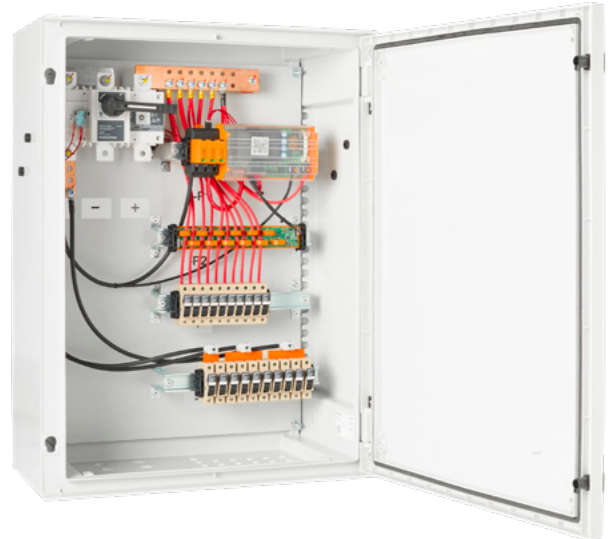


PV DC Combiner Boxes

Combiner Boxes for Fronius Tauro Eco inverters

Combiner boxes to bundle, protect and monitor strings for Fronius Tauro Eco string inverters

Weidmüller has released a portfolio of Combiner Boxes specifically to be connected to Fronius Tauro Eco range with 1 MPPT. These cabinets are developed, tested and produced in accordance with IEC 61439-2 and therefore cover all the requirements for installation in a PV system. With up to 10 inputs these products allow to bundle and protect against overcurrent and overvoltage (Type I+II) prior to be connected to the inverter.



Description	Suitable Inverter	Inputs	Outputs	Fuses	Max. Fuse Rate	Fuse Included	String-Monitoring	Order No.
PV 210S0F3CXXV100TPX10PWW	1 x Tauro Eco 50-3-P 75kW DC	10 with Max In 13.5 A 08 with Max In 15 A 06 with Max In 19 A	2	Both Poles (+/-)	25 A	No	No	8000111135
PV 210S0F3CXXV100TA1PA10PWW	1 x Tauro Eco 50-3-P 75kW DC	10 with Max In 13.5 A 08 with Max In 15 A 06 with Max In 19 A	2	Both Poles (+/-)	25 A	No	Yes	8000111136
PV 210S5F3CXXV100TPX10PWW	1x Tauro Eco 99-3-P 150kW DC or 1x Tauro Eco 100-3-P 150kW DC	2x 10 with Max In 13.5 A 2x 08 with Max In 15 A 2x 06 with Max In 19 A	2x2	Both Poles (+/-)	25 A	No	No	8000111137
PV 210S5F3CXXV100TA1PA10PWW	1x Tauro Eco 99-3-P 150kW DC or 1x Tauro Eco 100-3-P 150kW DC	2x 10 with Max In 13.5 A 2x 08 with Max In 15 A 2x 06 with Max In 19 A	2x2	Both Poles (+/-)	25 A	No	Yes	8000111138
Max. Oper. Temperature: 45°C								



More information on our Website:
<https://www.weidmueller.com/pv>

PV-Fuses

The gPV cylindrical fuse cartridges are designed to provide compact, safe and enonomical protection of photovoltaic modules. They protect against both overloads and short circuits.

Which size should I use?
Multiply the I_{sc} value of the module by 1.5.

Example:
 $8.99\text{ A} \times 1.5 = 13.485$
rounded up to 15 A fuse

1038 gPV fuse with silver-plated contacts for PV applications

Type	Voltage /Current	Power loss	Switching capacity	Qty.	Order No.
FUSE 10x38 10A 1000 VDC gPV	1000 V DC / 10 A	1,66 W	30 kA	10	2783230000
FUSE 10x38 12A 1000 VDC gPV	1000 V DC / 12 A	1,57 W	30 kA	10	2783240000
FUSE 10x38 15A 1000 VDC gPV	1000 V DC / 15 A	1,65 W	33 kA	10	2783250000
FUSE 10x38 16A 1000 VDC gPV	1000 V DC / 16 A	1,84 W	10 kA	10	2783260000
FUSE 10x38 20A 1000 VDC gPV	1000 V DC / 20 A	2 W	10 kA	10	2783280000



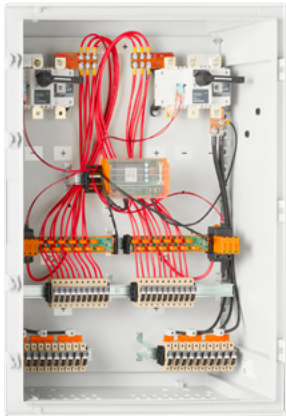
Description	Enclosure Size (mm)	Order No.
PV 210S0F3CXV100TPX10PWW	847x636x300 Portrait	8000111135



Description	Enclosure Size (mm)	Order No.
PV 210S0F3CXV100TA1PA10PWW	847x636x300 Portrait	8000111136



Description	Enclosure Size (mm)	Order No.
PV 210S5F3CXV100TPX10PWW	1056x852x350 Portrait	8000111137



Description	Enclosure Size (mm)	Order No.
PV 210S5F3CXV100TA1PA10PWW	1056x852x350 Portrait	8000111138