

PV Next

Easy. Fast. Safe.

Let's connect.

Weidmüller 

PV-Next is a new and innovative concept for string inverter applications that meets 75% of today's balance of system variations with our standardized, yet flexible product platform.

The integrated PUSH IN technology minimises assembly time while mitigating the risk of failures and potential resulting consequences. Installers are thus, able to work safely and quickly in a cost-efficient manner. As the first-ever comprehensive combiner box that is based on a standardized printed circuit board design, the key benefits of PV-Next can be summarized as:



Simplicity + time savings + security = reduction of the total costs of ownership

Easy

The unique PCB design allows quick and easy integration of additional functions. For example, a switch can be integrated or a second MPPT can be connected directly to the first PCB.



Excellent



Easy



Intelligent



Circuit Board

Fast

With the PUSH IN connection technology, PV Next offers the most straightforward and safest connection concept for cabling. The installation can be carried out without crimping and without special tools.

Safe

The intuitive design and PUSH IN connection technology make installation safer and quality assurance easier. The risk of screw connections with incorrect torque is eliminated, which is one of the main risks for fires.

PV-Next

is the first combiner box worldwide based
on a standardised printed circuit board design



3 IN / 3 OUT fused

Description	Arrester	Connection	Switch	Fuses	MPPT	Dimension	Order No.
PVN1M1I3SXF3V100TXPX10	1R	CG	-	FH	1	302x302x175 mm	2683030000
PVN1M2I6SXF3V100TXPX10	1R	CG	-	FH	2	558x302x210 mm	2683040000
PVN1M1I3SOF3V100TXPX10	1R	CG	SW	FH	1	302x302x175 mm	2683050000
PVN1M2I6SOF3V100TXPX10	1R	CG	SW	FH	2	558x302x210 mm	2683060000
PVN1M1I3SXF3V101TXPX10	1R	WM4C	-	FH	1	302x302x175 mm	2683070000
PVN1M2I6SXF3V101TXPX10	1R	WM4C	-	FH	2	558x302x210 mm	2683080000
PVN1M1I3SOF3V101TXPX10	1R	WM4C	SW	FH	1	302x302x175 mm	2683090000
PVN1M2I6SOF3V101TXPX10	1R	WM4C	SW	FH	2	558x302x210 mm	2683100000

Note: All items are available from stock.

3 IN / 3 OUT non-fused

Description	Arrester	Connection	Switch	Fuses	MPPT	Dimension	Order No.
PVN1M1I3SXF3V100TXPX10	1R	CG	-	-	1	186x302x175 mm	2683110000
PVN1M2I6SXF3V100TXPX10	1R	CG	-	-	2	372x302x175 mm	2683120000
PVN1M3I9SXF3V100TXPX10	1R	CG	-	-	3	558x302x210 mm	2683130000
PVN1M1I3SOF3V100TXPX10	1R	CG	SW	-	1	186x302x175 mm	2683140000
PVN1M2I6SOF3V100TXPX10	1R	CG	SW	-	2	372x302x175 mm	2683150000
PVN1M3I9SOF3V100TXPX10	1R	CG	SW	-	3	558x302x210 mm	2683160000
PVN1M1I3SXF3V101TXPX10	1R	WM4C	-	-	1	186x302x175 mm	2683170000
PVN1M2I6SXF3V101TXPX10	1R	WM4C	-	-	2	372x302x175 mm	2683180000
PVN1M3I9SXF3V101TXPX10	1R	WM4C	-	-	3	558x302x210 mm	2683190000
PVN1M1I3SOF3V101TXPX10	1R	WM4C	SW	-	1	186x302x175 mm	2683200000
PVN1M2I6SOF3V101TXPX10	1R	WM4C	SW	-	2	372x302x175 mm	2683210000
PVN1M3I9SOF3V101TXPX10	1R	WM4C	SW	-	3	558x302x210 mm	2683220000

Note: All items are available from stock.

3 IN / 3 OUT SPD Type 2 fused

Description	Arrester	Connection	Switch	Fuses	MPPT	Dimension	Order No.
PVN1M1I3SXF3V200TXPX10	2R	CG	-	FH	1	302x302x175 mm	2683230000
PVN1M2I6SXF3V200TXPX10	2R	CG	-	FH	2	558x302x210 mm	2683240000
PVN1M1I3SOF3V200TXPX10	2R	CG	SW	FH	1	302x302x175 mm	2683250000
PVN1M2I6SOF3V200TXPX10	2R	CG	SW	FH	2	558x302x210 mm	2683260000
PVN1M1I3SXF3V201TXPX10	2R	WM4C	-	FH	1	302x302x175 mm	2683270000
PVN1M2I6SXF3V201TXPX10	2R	WM4C	-	FH	2	558x302x210 mm	2683280000
PVN1M1I3SOF3V201TXPX10	2R	WM4C	SW	FH	1	302x302x175 mm	2683290000
PVN1M2I6SOF3V201TXPX10	2R	WM4C	SW	FH	2	558x302x210 mm	2683300000

Note: All items are available from stock.

3 IN / 3 OUT SPD Type 2 non-fused

Description	Arrester	Connection	Switch	Fuses	MPPT	Dimension	Order No.
PVN1M1I3SXF3V200TXPX10	2R	CG	-	-	1	186x302x175 mm	2683310000
PVN1M2I6SXF3V200TXPX10	2R	CG	-	-	2	372x302x175 mm	2683320000
PVN1M3I9SXF3V200TXPX10	2R	CG	-	-	3	558x302x210 mm	2683330000
PVN1M1I3SOF3V200TXPX10	2R	CG	SW	-	1	186x302x175 mm	2683340000
PVN1M2I6SOF3V200TXPX10	2R	CG	SW	-	2	372x302x175 mm	2683350000
PVN1M3I9SOF3V200TXPX10	2R	CG	SW	-	3	558x302x210 mm	2683360000
PVN1M1I3SXF3V201TXPX10	2R	WM4C	-	-	1	186x302x175 mm	2683370000
PVN1M2I6SXF3V201TXPX10	2R	WM4C	-	-	2	372x302x175 mm	2683380000
PVN1M3I9SXF3V201TXPX10	2R	WM4C	-	-	3	558x302x210 mm	2683390000
PVN1M1I3SOF3V201TXPX10	2R	WM4C	SW	-	1	186x302x175 mm	2683400000
PVN1M2I6SOF3V201TXPX10	2R	WM4C	SW	-	2	372x302x175 mm	2683410000
PVN1M3I9SOF3V201TXPX10	2R	WM4C	SW	-	3	558x302x210 mm	2683420000

Note: All items are available from stock.