

DEHNguard MP YPV

Protect PV systems: quick and compact with push-in terminal



Protection for photovoltaic systems in residential buildings: that's what DEHNguard MP YPV offers. The type-2 DC surge arrester extends the product family with its practical push-in double terminal. And offers you numerous advantages thanks to its quick connection technology.

Your benefits at a glance:

Quick: save time. DEHNguard M YPV is connected by means of a push-in double terminal. Compared to alternative installation variants, there is no need to pre-assemble plugs. This saves installation time and components. EMC-optimised feed-through wiring can also be implemented quickly.

Easy: provide safety. Visible clamping and clear labelling make wiring easier and prevent installation errors.

Compact: conserve material and space. The option of feed-through wiring eliminates the need for additional terminals. If space is limited, a smaller enclosure can be used.

Compatible: enjoy flexibility. DEHNguard MP YPV can be used in PV systems according to IEC 60364-7-712.

The push-in for PV systems: quick connection surge protection



- 1. Push-in double terminal up to 10 $\rm mm^2$ for PV conductor (H1Z2Z2-K PV)
- 2. PE connection up to 10 mm² (flexible, rigid, fine-stranded)
- **3. Remote signalling contact:** for easy remote monitoring. The connection is also made using push-in technology.
- 4. Visible clamping: fewer installation errors through visual inspection and clear terminal designation
- 5. Feed-through wiring: For implementing EMC-optimised feed-through wiring as per IEC 60364-5-53
- 6. Certification: to VDE as type 2

Technical data

	DG MP YPV 1200 FM	DG MP YPV 1500 FM
SPD according to EN 61643-31	Type 2 / class II	Type 2 / class II
Max. PV voltage (U _{CPV})	1170 V	1500 V
Short-circuit strength (I _{SCPV})	10 kA	10 kA
Voltage protection level (U _P)	$\leq 4 \text{ kV}$	$\leq 5 \text{ kV}$
Nominal discharge current (8/20 µs) [(DC+/DC-) -> PE] (I _n)	20 kA	15 kA
Width	3 standard DIN modules (54 mm)	3 standard DIN modules (54 mm)
Pluggable	yes Single module	yes Single module
Remote signalling contact	yes	уе
Part no.	942 565	942 567

Important to know

Please note that surge protection measures are also required on the DC side if

- surge protection measures are required on the AC side and
- protection of the inverter is to be ensured.

Attention: the connection of a subsequently installed PV system usually also requires an adjustment of the meter mounting board in accordance with the currently valid technical connection conditions or VDE-AR-N 4100.

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Learn more about the DEHNguard MP YPV: http://de.hn/spzJK

