



Type
1

Type
1+2

IK
07

IP
66

UV
RESISTANT



Generator connection boxes

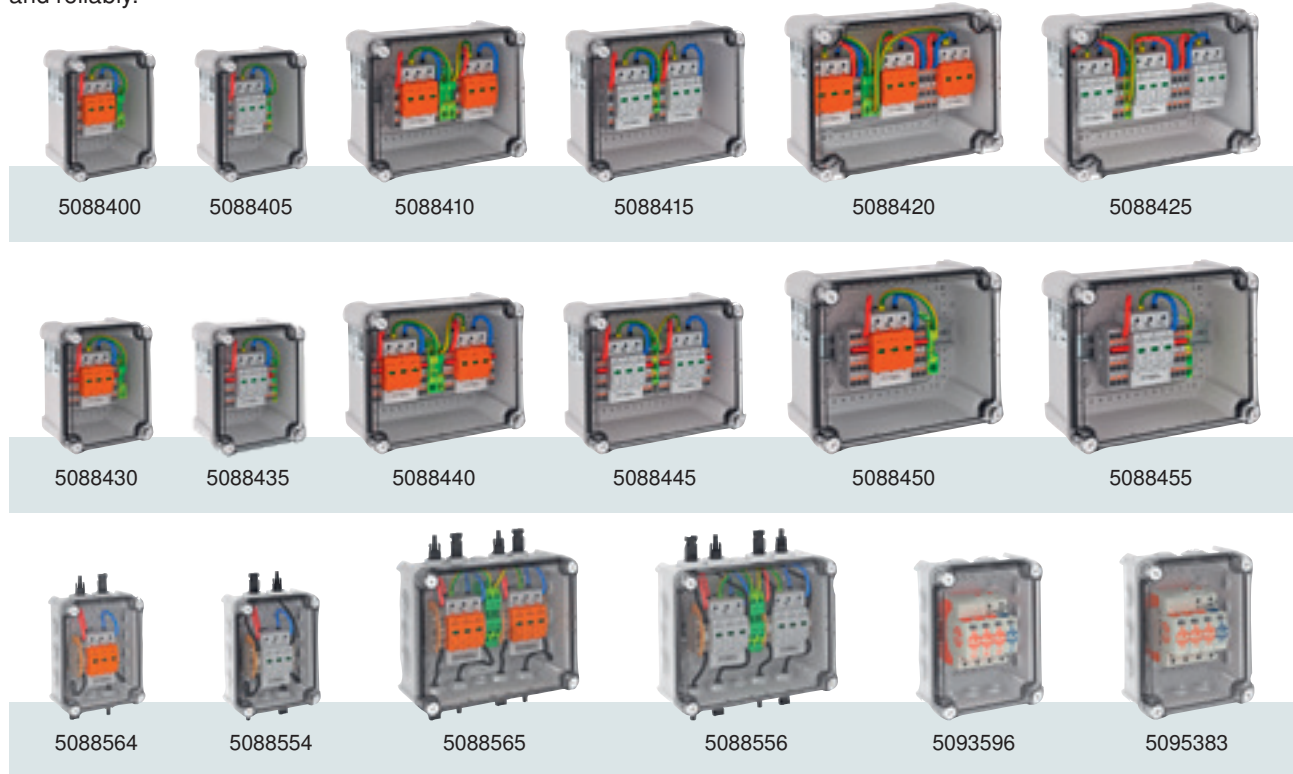
Surge protection for photovoltaic systems – a new generation of the OBO generator connection boxes

Product benefits

- Quick and secure connection of cables via terminals with push-in technology
- High degree of protection: IP66, IK07 and UV-resistant
- The generator connection boxes are stackable, which not only saves on fastening materials but also on space and time
- Delivery comes complete with cable glands, membrane pressure balance plug and outer fastening
- Safe: very good protection level through Y circuit
- Tested surge protection with a 5-year warranty
- Mounting instructions and technical data can be accessed easily via QR code
- Also available as a variant with original STÄUBLI MC4 plug/socket

Protecting PV systems effectively against surges

OBO has revised its portfolio of generator connection boxes for the DC protection of PV systems. The boxes are pre-terminated with lightning and surge protection and now secure the DC-side entry of the PV inverter even more effectively and reliably.



Item No.	Type	Protection type	U max.	Arrester class (type)	Number of MPP trackers	Max. number of strings per MPP entry ► exit
5088400	PVG-BC 900K 100	DC	900 V	T1+2	1	1 ► 1
5088405	PVG- C1000K 100	DC	1,000 V	T2	1	1 ► 1
5088410	PVG-BC 900K 110	DC	900 V	T1+2	2	1 ► 1
5088415	PVG-C1000K 110	DC	1,000 V	T2	2	1 ► 1
5088420	PVG-BC 900K 111	DC	900 V	T1+2	3	1 ► 1
5088425	PVG- C1000K 111	DC	1,000 V	T2	3	1 ► 1
5088430	PVG-BC 900K 200	DC	900 V	T1+2	1	3 ► 2
5088435	PVG- C1000K 200	DC	1,000 V	T2	1	3 ► 2
5088440	PVG-BC 900K 220	DC	900 V	T1+2	2	3 ► 2
5088445	PVG-C1000K 220	DC	1,000 V	T2	2	3 ► 2
5088450	PVG-BC 900K 400	DC	900 V	T1+2	1	4 ► 4 or 5 ► 3
5088455	PVG- C1000K 400	DC	1,000 V	T2	1	4 ► 4 or 5 ► 3
5088564	VG-BC900S1	DC	900 V	T1+2	1	MC4: 1 ► 1
5088554	PVG-C1000S100	DC	1,000 V	T2	1	MC4: 1 ► 1
5088565	VG-BC900S11	DC	900 V	T1+2	2	MC4: 1 ► 1
5088556	PVG-C1000S110	DC	1,000 V	T2	2	MC4: 1 ► 1
5093596	VG-V50-3+NPE-280	AC	230/400 V AC	T1+2		1 ► 1
5095383	VG-V20-3+NPE-280	AC	230/400 V AC	T2		1 ► 1

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