



Automatización Eléctrica

Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking HERE. [HERE](#)

Photovoltaic system solution with connection terminals

Type 1+2	Type 2	LPZ 0→1	LPZ 1→2
----------	--------	---------	---------



System solution for photovoltaic systems with connection terminals

- Error-resistant Y circuit with 3 varistors for use according to VDE 0100-712 (IEC 60364-7-712)
- Low DC protection level: < 4.0 kV (Voc max = 1.000 V DC with V20-C/0-500PV)
- Low DC protection level: < 3.0 kV (Voc max = 900 V DC with V25-B+C/0-450PV)
- Low DC protection level: < 2.6 kV (Voc max = 600 V DC with V50-B+C/0-300PV)
- 6 parallel connection terminals up to 6 mm² for each polarity (+ and -)
- Pre-mounted in IP65 housing

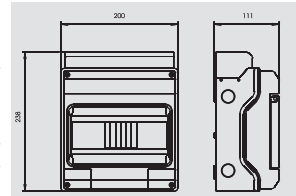
Note: 5 PV strings can be switched in parallel on the terminals. The technical data (string voltage, etc.) and the conditions of the inverter (number of MPP trackers) must be taken into account.



Photovoltaic housing with connection terminals, type 1+2, 600 V DC

Type	U max DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
VG-BC DCPH-MS600	600	Type 1+2 in housing with terminals	1	159.000	5088 69 3

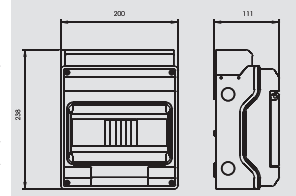
/pc.



Photovoltaic housing with connection terminals, type 1+2, 900 V DC

Type	U max DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
VG-BC DCPH-MS900	900	Type 1+2 in housing with terminals	1	160.000	5088 69 2

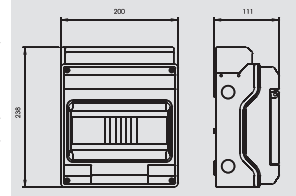
/pc.



Photovoltaic housing with connection terminals, type 2, 1000 V DC

Type	U max DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
VG-C DCPH-MS1000	1000	Type 2 in housing with terminals	1	154.000	5088 69 1

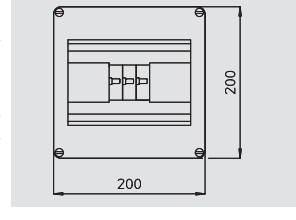
/pc.



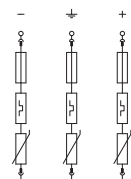
Photovoltaic housing with connection terminals, type 2, 1000 V DC

Type	U max DC V	Version	Pack. pcs	Weight kg/100 pcs.	Item No.
VG-C DCPH1000-4K	1000	Type 2 in housing with V-Tec insertion	1	162.000	5088 65 0

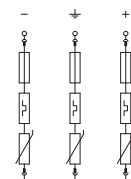
/pc.



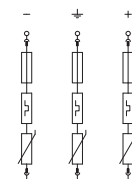
VG-BC DCPH-MS600



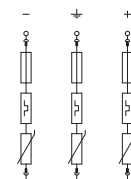
VG-BC DCPH-MS900



VG-C DCPH-MS1000



VG-C DCPH1000-4K



U max DC	U _c DC V	600	900	1000	1000
SPD to EN 61643-11		Type 1+2	Type 1+2	Type 2	Type 2
Lightning protection Zone LPZ		0→2	0→2	1→2	1→2
Impulse discharge current (10/350)	I _{imp} kA	12,5	7	20	20
Nominal discharge current (8/20)	I _n kA	30	30	40	40
Maximum discharge current	I _{max} kA	50	50	40	40
Voltage protection level	U _p max kV	< 2,6	< 3,0	< 4,0	< 4,0
Response time	t _A ns	< 25	< 25	< 25	< 25
Connection cross-section, rigid	mm ²	0,5 - 6	0,5 - 6	0,5 - 6	0,5 - 6
Connection cross-section, flexible	mm ²	0,5 - 6	0,5 - 6	0,5 - 6	0,5 - 6
Temperature range	θ °C	-40 - +80	-40 - +80	-40 - +80	-40 - +80
Degree of protection of enclosure		IP 65	IP 65	IP 65	IP 65
Item No.		5088 69 3	5088 69 2	5088 69 1	5088 65 0





Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Surge protection device PV systems, 4-string,	5088650	VG-C DCPH1000-4K	Buy on EAN
Surge protection device type 2 multistring PV systems,	5088691	VG-C DCPH- MS1000	Buy on EAN