



GW 96 769

## UNDER VOLTAGE RELEASE FOR MOTOR PROTECTION SWITCHES

Code	Rated voltage (V)	No. of modules EN 50022	Pack Carton
GW 96 769	230 ac	1	1/6
GW 96 770	400 ac	1	1/6



GW 96 771

## SURFACE-MOUNTING BOX IP54 FOR MOTOR PROTECTION SWITCHES

Code	Description	Pack Carton
GW 96 771	Box with rotary manoeuvre	1

# 90 PV



## READY TO BE CONNECTED



To allow an easy, quick and safe connection, the string boards are already completed with cable glands and terminal blocks. The cable glands are supplied as spare parts, so the connection cable can be made according to individual needs (from the top, bottom or sides).

## ALREADY TESTED CERTIFIED



The string boards have been tested in the GEWISS laboratories, passing all the tests according to the standards EN 61439-1 and EN 61439-2 for the product certification.

## WIDE RANGE



Our offer for the protection of AC side allows to meet every installation need from residential to the commercial/ industrial sector, offering a wide family of products from modular devices to MCCB's, from modular accessories up to distribution boards.

## 90 PV RANGE - MODULAR DEVICES IN DIRECT CURRENT

### SWITCH DISCONNECTOR



Compact dc switch disconnecter suitable for photovoltaic installation up to 32 A 1000 V dc

#### TECHNICAL DATA

<b>Standards:</b>	EN 60947-3
<b>Utilization category:</b>	DC21B / DC22B
<b>Rated insulation voltage (Ui):</b>	1000V
<b>Rated impulse withstand voltage (Uimp):</b>	8kV
<b>Operating temperature:</b>	-40 to +65°C
<b>Max. cable section:</b>	16mm <sup>2</sup> (solid or stranded) 10mm <sup>2</sup> (flexible, also with terminals)

Code	Modules	Poles	Utilization category	Rated operational voltage (Ue)		
				600V dc	800V dc	1000V dc
				Rated operational current (In)		
GW 96 186	3,5	2	DC21B	25A	20A	11A
			DC22B	6A	2,5A	1,5A
GW 96 187	3,5	4	DC21B	32A	32A	32A
			DC22B	27,5A	12,5A	10A

### SURGE PROTECTIVE DEVICES LST



Surge protective devices with extractable cartridge suitable for photovoltaic applications up to 1000 V dc

#### TECHNICAL DATA

<b>Standards:</b>	EN 61643-11
<b>Type:</b>	Type 2 (8/20 μs)
<b>Rated discharge current (In):</b>	20kA
<b>Maximum discharge current (Imax):</b>	40kA
<b>Back-up protection:</b>	if Icc > 100A dc, fuse type gPV ≤ 20A if Icc < 100A dc, protection not necessary

Code	Rated operational voltage (Un)	Maximum continuous operating voltage (Uc)	Voltage protection level at In (Up)	Modules
GW D6 426	600V dc	700V dc	≤ 2,6kV	3
GW D6 428	1000V dc	1170V dc	≤ 4kV	3

#### SPARE CARTRIDGES

- GW D6 446 suitable for SPD GW D6 426.
- GW D6 448 suitable for SPD GW D6 428.