



Article number: 231 634
Description: DCS HV 22

Suitable for:

SMA multi-string inverter
SB 4200TL
SB 4200TL HC
SB 5000TL HC

Siemens inverter
(1 x Master + 1 x Slave)
1500 Master + 1500 Slave
1500 Master + 2000 Slave
1500 Master + 2300 Slave
2000 Master + 1500 Slave
2000 Master + 2000 Slave
2000 Master + 2300 Slave
2300 Master + 1500 Slave
2300 Master + 2000 Slave
2300 Master + 2300 Slave

Max. operating voltage:	U_{DC}	1000 V
Max. operating voltage per string:	$I_{DC, max}$	16 A
No. strings (input) (electrically separated):		2
No. strings (output):		2
Gang switch design:		4-channel
Terminal blocks:		0.2 - 6 mm ²

Dimensions (H x W x D):	(254 x 180 x 165) mm
Depth including switching toggle:	195 mm
Housing material:	Polystyrene
Cable entry points	
Input terminals:	4 x M16
Output terminals:	4 x MC-T3
Weight:	2 kg
Protection class:	II
Protection class:	IP 65

Operating temperature range:	-20 °C ... +70 °C
Maximum temperature (1 h):	+80 °C

DC isolator: DCS HV 22

The **DCS HV 22 DC isolator** is used for the safe separation of the PV generator from the inverter.

In so doing, it meets the requirements laid down in DIN VDE 0100 part 712 (requirements of photovoltaic supply systems) for breaks.

The DC isolator is used to disconnect from the mains for the purposes of servicing and also in the event of an error or a short circuit. The internal gang switch and the terminals are already mounted and prewired. This allows fast and safe installation.

This device has been developed especially for inverters with up to two independent DC inputs (multi-string).

Quality features, certificates

- Robust switch
- High number of operating cycles
- Easy installation via existing installation holes
- CE mark