



**Article number:** 231 724  
**Description:** DCS HV 51

Suitable for:	SMA string and central inverters	
	Siemens IP21 master inverter	
Max. operating voltage:	$U_{DC}$	1000 V
Max. total operating current:	$I_{DC, max}$	25 A
No. strings (input) (connected in parallel internally):		≤ 5
No. strings (output):		1
Gang switch design:		2-channel
Terminal blocks:		0.2 - 6 mm <sup>2</sup>
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:	10 x M16	
Output terminals:	2 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 51

The **DCS HV 51 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.

### Quality features, certificates

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