

Switch disconnectors

DSPV



The development of renewable energy sources on the basis of photovoltaic panels has resulted with the development of switch-disconnectors which are used for switching off DC circuit.

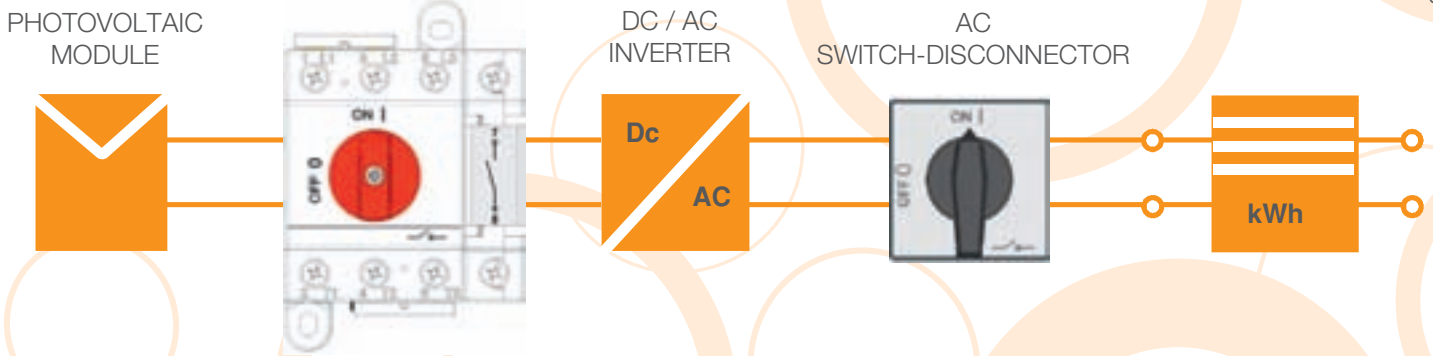
Switch-disconnectors series DSPV with double breaking system completely fulfil requirements for isolation according to IEC 60364-7-712 for photovoltaic installations.

DSPV type of switch-disconnectors can meet all requirements of installation with rated operational voltage up to 1000V and operational currents up to 80A in utilization category DC21B.

Switch-disconnectors are designed to be placed between photovoltaic cells and DC/AC inverter. SWITCH-DISCONNECTOR DSPV



- Compact design
- Protection degree IP65
- According to IEC 60947
- DIN rail or screw mountings



Rated operational current for specified voltage is achieved by serial wiring of the poles as shown in the table below.

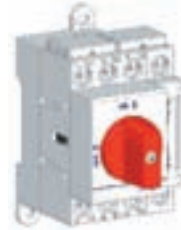
11	21	201 (DSPV40 - 750 V)	22	202 (DSPV40 - 750 V)	31
301 (CSP40 - 750V)	33	44	53		
			DSPV40	DSPV80	

Switch disconnectors

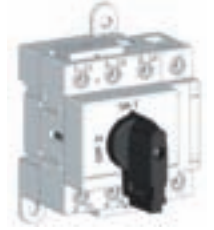
DSPV

TECHNICAL DATA

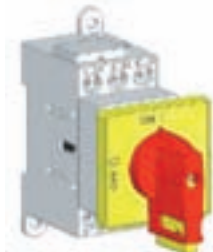
Type	Rated operational voltage U	Rated operational current I (DC21B)	Number of poles in series
DSPV40-21	220	40	3
DSPV80-21		50	3
DSPV80-31		80	4
DSPV40-11	450	7	2
DSPV40-21		16	3
DSPV40-31		30	4
DSPV40-33		40	6
DSPV80-31		63	4
DSPV80-33		80	6
DSPV40-21	500	10	3
DSPV40-31		30	4
DSPV40-33		35	6
DSPV40-44		40	8
DSPV80-31		35	4
DSPV80-33		50	6
DSPV80-44		80	8
DSPV40-21	750	8	3
DSPV40-31		12	4
DSPV40-33		35	6
DSPV40-44		40	8
DSPV80-33		45	6
DSPV80-44		50	8
DSPV40-33	1000	16	6
DSPV40-44		20	8
DSPV80-33		20	6
DSPV80-44		30	8



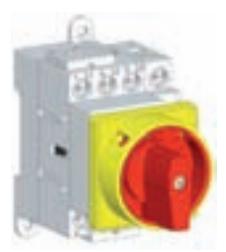
DSPV40-22-O48D
Service cover (48D)



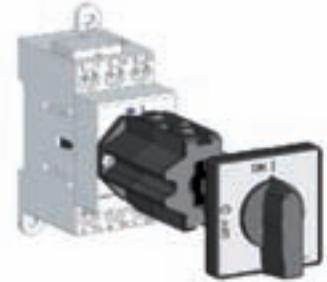
DSPV80-31-O48,56
Service cover (48, 56)



DSPV40-21-O75

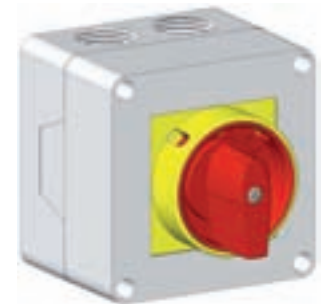


DSPV40-31-O25
Switches with locking (75/25)

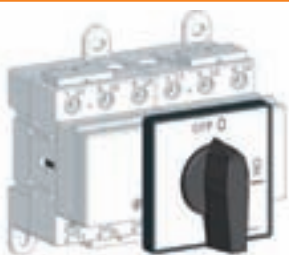


DSPV40-21-O108D

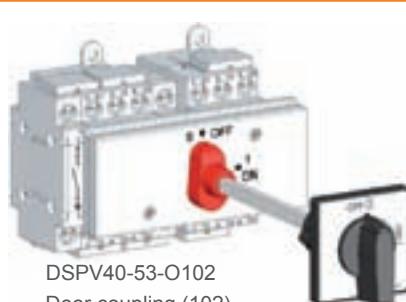
Door coupling (108D)



DSPV40-31-P
Plastic enclosure



DSPV80-33-O
Rear mounting



DSPV40-53-O102
Door coupling (102)

