SWITCH-DISCONNECTORS SERIES PV FOR PHOTOVOLTAIC APPLICATION

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 PV with double breaking system completely fulfil requirements for isolation according to IEC 60364-7-712 for photovoltaic installations.

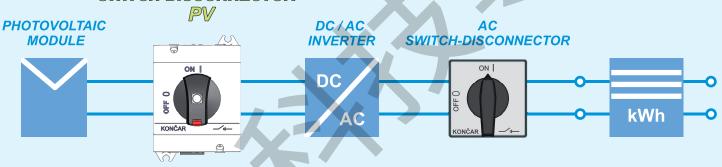
PV type of switch-disconnectors can meet all requirements of installation with rated operational voltage up to 1000V (1500V) and operational currents up to 40A in utilization category DC21B.

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



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

SWITCH-DISCONNECTOR





Standard switch - O



Service cover - 48D

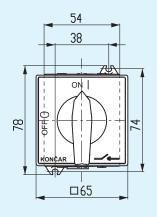


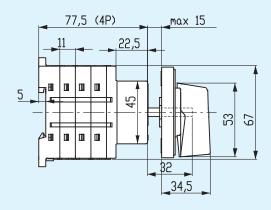
Main switch with emergency - 25

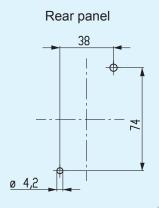
Nun p	nber of oles	2P	3P	4P		2x2P
Sc	hema	11	21	31	22	2x11
Con dia	necting Igram	+ - 1 3 3 4 + -	1 3 5 	1 3 5 7 1 3 5 7 2 4 6 8 + -	1 3 5 7 2 4 6 8 + +	+ - + - 1 3 5 7

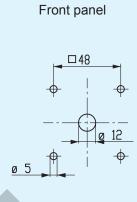


Dimensional drawing









Technical data

DC21B	Operatio	Operational current / numbers of poles			
DCZIB	PV25	PV32	PV40		
300V	25/2P	32/2P	40/2P		
400V	25/2P	32/2P	40/2P		
600V	25/2P	32/2P	40/3P		
800V	25/2P	32/3P	40/3P		
1000V	16/2P	32/3P	40/4P		
10004	25/3P	32/3P	10/4		
1200V*	20/4P	25/4P	32/4P		
1500V*	16/4P	20/4P	25/4P		



Plastic enclosure - P

^{* -} polution degree 2



Main switch with emergency - 75



Door coupling - 102

Ordering code example: PV40-31-O48D

PV40 - switch type

31 - schema

O - rear mounting

48D - optional extra

