



Switches for photovoltaic applications up to 1000Vdc

To isolate the Solar panels from the inverter, from 16 to 100A_{dc}

- Available in 600 and 1000Vdc
- Easy installation, ready to install
- Pre-wired for DC applications
- Compact size
- DIN rail mounting as standard, other configurations possible
- Clear identification of inputs and outputs
- Padlockable
- KEMA certified and with CE marking



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Technical data

According IEC 60947-3	Ref. no.	247532	247533	247534	247535	247536	247537	247538
Rated operational voltage Ue (+10%)	(Vdc)	600	600	600	1000	1000	1000	1000
Rated impulse withstand voltage Uimp	(kV)	6	6	6	6	6	6	6
Rated thermal current, DC-20 Ith In open air, normal conditions ⁽¹⁾	(Adc)	16	25	40	40	63	80	100
Minimum cable or bar cross section - Cu	(mm ²)	2.5	6	10	10	35	35	35
Rated operational current								
600Vdc	(Adc)	16	25	40	-	-	-	-
1000Vdc	(Adc)	-	-	-	40	63	80	100
Power loss / Pole	(W)	1.5	1.5	1.5	1.5	4.5	5.5	3
Number of poles		2	4	4	8	8	8	8
Mechanical service life	(Ops)	30,000	30,000	30,000	30,000	30,000	30,000	30,000

(1) Normal conditions defined in IEC 60947-1-6.1

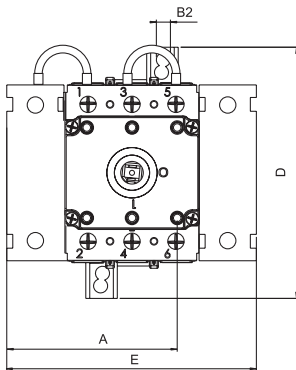
Order codes



Switch	Current (Adc)	Voltage (Vdc)	Ref. no.	Cat. no.	Handle
MDC1	16	600	247532	PVSW0K6S16	1 or 2 padlocks
	25	600	247533	PVSW0K6S25	1 or 2 padlocks
	40	600	247534	PVSW0K6S40	1 or 2 padlocks
	40	1000	247535	PVSW1K0S40	1 or 2 padlocks
MDC3	63	1000	247536	PVSW1K0S63	3 padlocks
	80	1000	247537	PVSW1K0S80	3 padlocks
	100	1000	247538	PVSW1K0S100	3 padlocks

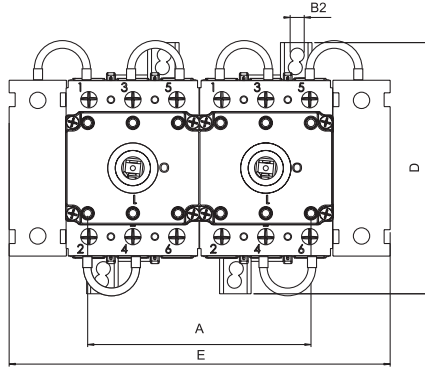
Dimensional drawings

MDC1

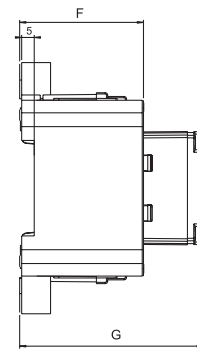


Ref. no.	Dimensions					
	A	B2	D	E	F	G
247532	36	4	78	45	42	55
247533	36	4	78	59	42	55
247534	36	4	78	59	42	55
247535	82	4	78	118	42	55

MDC3



Ref. no.	Dimensions					
	A	B2	D	E	F	G
247536	90	6	100	153	50	73
247537	105	6	100	186	50	73
247538	105	6	100	186	50	73



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