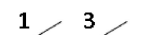
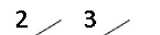
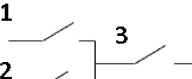




Technical Data DC Disconnect Switch

SMA SUNNY TRIPOWER 8.0 / 10.0

Data in accordance with AS 60947.3:2018

Identification	Rating data for utilization category DC-PV2		
Inverter model with integrated DC disconnect switch	STP8.0-3AV-40 / STP10.0-3AV-40		
Inverter manufacturer	SMA		
Inverter type	non-seperated / transformerless		
Inverter IP rating	IP65		
Polution degree outside the inverter	3		
Rated impulse withstand voltage (Uimp) [V]	8000		
Rated insulation voltage (Ui) [V]	1000		
Rated operational duty (Ue) [V]	1000		
Thermal current value (Ithe), outdoor, at 40°C shade ambient temperature [A]	MPPT A, B: 30 / 18		
Solar current value (Ithe), outdoor, at 40°C shade ambient temperature with solar effects [A]	MPPT A, B: 30 / 18		
Solar current value (Ithe), outdoor, at 60°C shade ambient temperature with solar effects [A]	MPPT A, B: 30 / 18		
	Rated operational voltage (Ue) [V DC]	Rated operational current (Ie) [A]	I _(make) and I _{c(break)} ³ [A]
1-pole 	1000	7.5	30
2-pole ¹ MPPT A 	1000	20	30
2 pole ¹ MPPT B 	1000	12	18
3 pole ² MPPT A & MPPT B 	1000	32	48

Note¹ - Pole configuration is pre-wired inside the inverter and is non-adjustable. Single 3-pole switch.

Note² - Pole configuration is pre-wired inside the inverter and is non-adjustable. 3-pole switch.

Negative switch pole (3) common for MPPT

Note³ - Tested to meet the maximum specifications of the inverter in acc. with AS/NZS5033 Amd 1 & 2, 4.3.5.2