
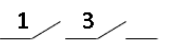
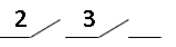
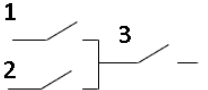




Technical Data DC Disconnect Switch

SMA SUNNY TRIPOWER 3.0 / 4.0 / 5.0 / 6.0

Data in accordance with AS 60947.3:2018

Identification	Rating data for utilization category DC-PV2		
Inverter model with integrated DC disconnect switch	STP3.0-3AV-40 / STP4.0-3AV-40 / STP5.0-3AV-40 / STP6.0-3AV-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]	850		
Rated operational duty (Ue) [V]	850		
Thermal current value (Ithe), outdoor, at 40°C shade ambient temperature [A]	MPPT A, B: 18 / 18		
Solar current value (Ithe), outdoor, at 40°C shade ambient temperature with solar effects [A]	MPPT A, B: 18 / 18		
Solar current value (Ithe), outdoor, at 60°C shade ambient temperature with solar effects [A]	MPPT A, B: 18 / 18		
	Rated operational voltage (Ue) [V DC]	Rated operational current (Ie) [A]	I(make) and Ic(break) ³ [A]
1-pole 	850	9	36
2-pole ¹ MPPT A 	850	12	18
2 pole ¹ MPPT B 	850	12	18
3 pole ² MPPT A & MPPT B 	850	24	36

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