



Manufacturer's Declaration

PCE Compliant Load Break Disconnecter

SMA Solar Technology AG hereby declare its inverters have a built-in DC load break disconnecter able to comply with the requirements of a load break disconnecter located in the enclosure of the PCE as specified in AS/NZS5033:2014 Amd 1 + Amd 2. The following products are covered by this declaration:

- SB1.5-1VL-40, SB2.0-1VL-40, SB2.5-1VL-40
- SB3.0-1AV-40, SB3.6-1AV-40, SB4.0-1AV-40, SB5.0-1AV-40
- SB3.0-1AV-41, SB3.6-1AV-41, SB4.0-1AV-41, SB5.0-1AV-41, SB6.0-1AV-41
- STP3.0-3AV-40, STP4.0-3AV-40, STP5.0-3AV-40, STP6.0-3AV-40, STP8.0-3AV-40, STP10.0-3AV-40
- STP 15000TL-30, STP 20000TL-30, STP 25000TL-30
- STP 50-40

Where the inverter has been installed according to the manufacturer instructions as required by AS/NZS3000:2018, the voltage and current ratings of the integrated load break disconnecter at an ambient air temperature of 60°C equals or exceeds the maximum allowed values of the PV generator (open circuit voltage, short circuit current) that are listed in the data sheet. If the short circuit current and the open circuit voltage of the PV generator are below the allowed values for the inverter, the integrated load break disconnecter is rated such that fulfills the requirements of AS/NZS5033:2014 Amd 1 + Amd 2.

SMA inverters should only be de-commissioned and re-commissioned by appropriately qualified persons as identified in relevant product operating manuals. These can be found at www.SMA-Solar.com. For installations where the inverter is being replaced, the replacement inverter should be readily available and directly installed after the inverter to be replaced has been decommissioned and removed.

Niestetal, 07.08.2019

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