

SURGE PROTECTIVE DEVICE

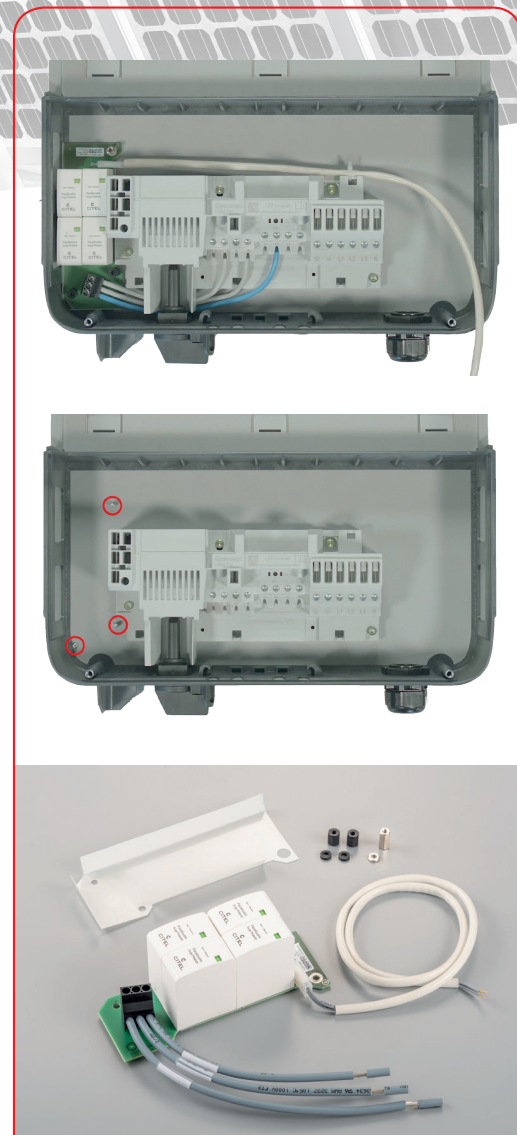
FOR DIRECT INSTALLATION IN

- / Fronius Primo 3.0 – 8.2 kW,
- / Fronius Symo 3.0 – 8.2 kW und
- / Fronius Symo Hybrid

The surge protection device type 1+2 for direct and indirect lightning strikes is suitable for use with the Fronius Symo 3.0 - 8.2¹⁾, Fronius Primo 3.0 - 8.2¹⁾ and Fronius Symo Hybrid¹⁾ inverters and therefore fulfils the standard requirement of installing a DC fuse near the inverter³⁾.

The surge protective device is equally applicable for all devices, regardless of whether 1 or 2 trackers are being used. When only one tracker is in operation (such as with the Symo Hybrid), one input on the surge protective device remains unassigned (for further information see the Quick Start Guide).

Thanks to the adjustable, integrated remote signalling function, the system operator is notified automatically via the Fronius Solar.web²⁾ online portal whenever the surge protective device trips). The surge protective device comes as an upgrade kit and can be installed into the inverter connection area in a few minutes.



TECHNICAL DATA

Item designation	DC SPD 8.2 TYP 1+2 M
Item number	4,240,335,CK
Nominal voltage	1000 VDC
Fault indicator	mechanical, red
Remote message signal	integrated
Standards	DIN EN 50539-11, UTE C61-740-51, EN 50539-11, UL1449 ed.3

¹⁾ Please be aware that a surge protective device can only be installed from the following serial numbers onwards:

Fronius Primo: 30408866
 Fronius Symo: 30408866
 Fronius Symo Hybrid: 30408866

²⁾ A Fronius Solar.web account is required.

³⁾ Since April 2019, DIN VDE 0100-712 requires that a DC fuse be installed on PV systems. In DIN VDE Appendix ZB Section 712.534 DE, it is stipulated that the surge protective devices be fitted on the DC side as close to the inverter as possible. By installing the DC SPD 8.2 type 1+2 M surge protective device, these standard requirements are fulfilled.