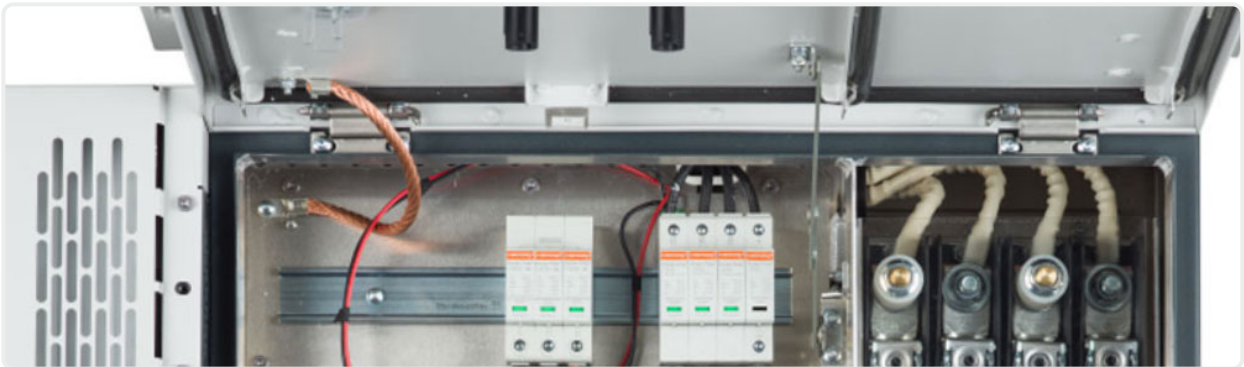


System design Inverter type Fuses **Surge protective device (SPD)**  
AC connection AC disconnect

## Choose a surge protective device (SPD)



SPD Type 1+ 2 (4,240,334) ⓘ



SPD Type 2 (4,240,332) ⓘ

## ❓ How do integrated DC-side and AC-side surge protection devices differ?

Each Fronius Tauro is equipped with an integrated surge protective device on the DC and AC side in accordance with IEC 62109-2. The surge protective device protects the system from damage in the event of an overvoltage. There are two factory-set types to choose from:

### Type 1+2

This type consists of a lightning current arrester and overvoltage arrester. This device can therefore arrest both large and smaller lightning currents.

### Type 2

Type 2 consists of the overvoltage arrester function only. Smaller lightning currents can therefore be arrested.

Installing a comprehensive lightning protection unit in the PV system is recommended. This includes consideration of type 1 and type 2 surge protective devices, the correct layout of the earth connection as well as consideration of a surge protective device for the monitoring system of the inverter.

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