



PVBOX

BY CONDUCT

CONNECT ACCORDING NEN1010:2015



According to NEN1010: 2015, when connecting solar panels you must take into account:

- Over-voltage protection (clause 712.534)
- Separation of DC and AC circuits (clause 712.536.2.1.6)
- Protection against return currents (clause 712.433.5)

PVbox connection and emergency disconnection boxes are constructed on the basis of exclusively A-components that are assembled in accordance with IEC61439 in an IP65 sealed housing.

PVBOX PREVENTS FIRE

Thanks to the type 1+2 SPDs provided in the PV box, the connection boxes always offer the correct level of protection. This makes PVbox SE ideal as a regular over-voltage protection cabinet and for use in the presence of and connection to a lightning protection system. Since lightning protection and PV systems are increasingly linked, the demand for over-voltage protection type 1+2 is growing. With the PVbox SE, Conduct has now equipped THE standard connection box with type 1+2 SPD for the converter series below.

Approved by SolarEdge.

PVbox SE is entirely based on the technical guidelines as set by SolarEdge and can be connected directly using MC4 connectors. PVbox SE is not equipped with string fuse holders because no return current can run by applying optimisers. Neither is a switch disconnecter provided as the Safe DC function of SolarEdge complies with the guidelines in accordance with NPR 5310-712: 2016 "6.2.2 Switches and disconnecter". Reference is made here directly to NEN-EN-IEC 60947-3 and NEN-EN-IEC 60669-2-4.

SOLAREEDGE 5-17K

- PVbox SolarEdge: SE.5-17K.T1.2IN.2OUT

SOLAREEDGE 25-27,6K

- PVbox SolarEdge: SE.25-27.6K.T1.3IN.3OUT.M

SOLAREEDGE 25-27,6K

- PVbox SolarEdge: SE.25-27.6K.T1.3IN.3OUT.M.AC.S63
(Equipped with DC- and AC surge protection devices and AC switch)

SOLAREEDGE 82,8K

- PVbox SolarEdge: SE.82.8K.T1.NSX.9IN.9OUT.M

