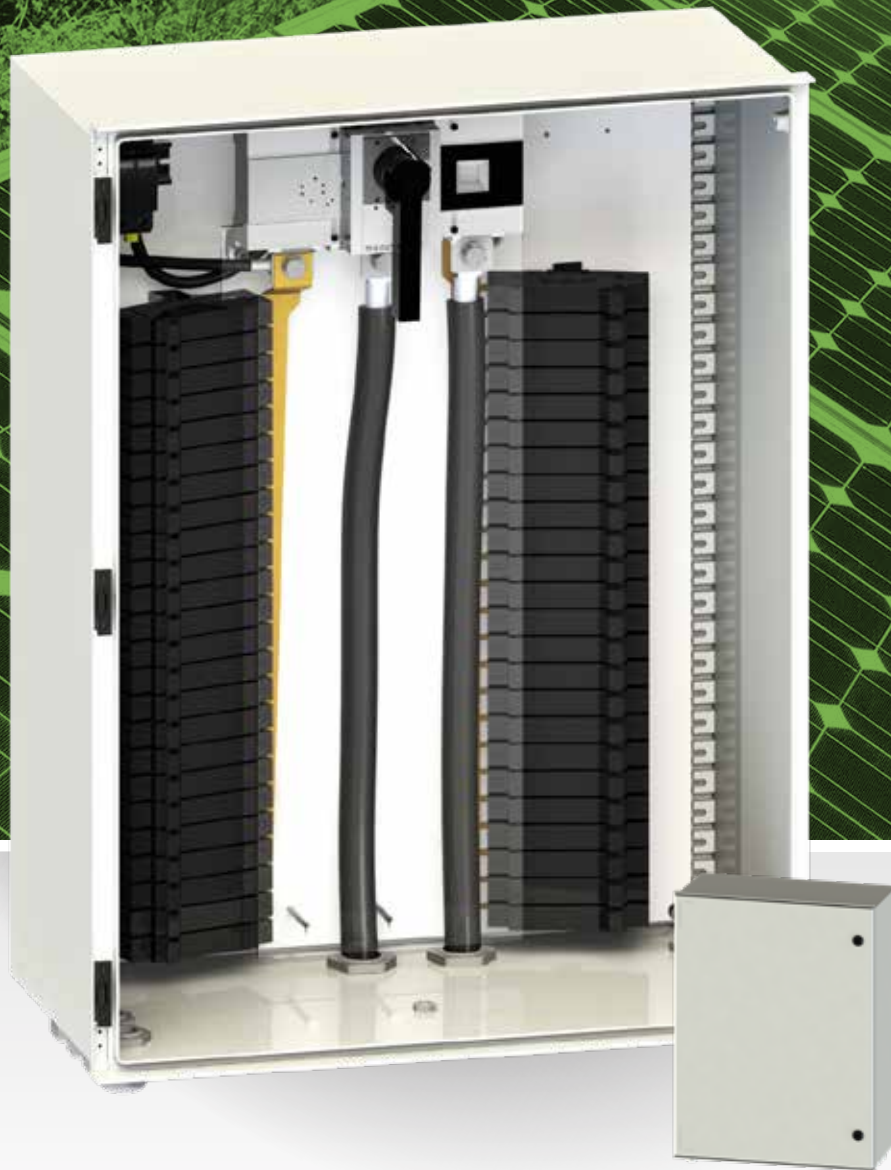


DC-Combiner Boxes for Photovoltaic Systems



PCE **M** **MERZ**

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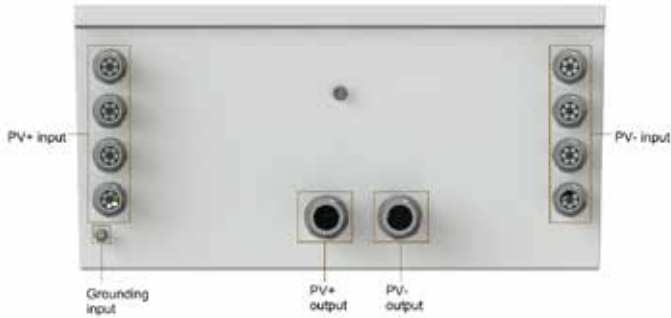
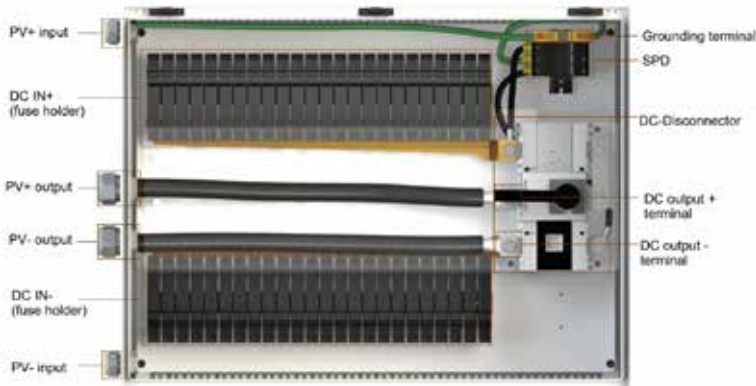
PRODUCT DESCRIPTION

- The MERZ DC Combiner Boxes have been developed for use in rooftop and ground mounted systems and are designed for the use between PV modules and inverters.
- Equipped with DC switch disconnector, fuse holder, fuse terminal block and surge protection, they offer the possibility to connect up to 24 strings.
- The individual strings are brought together at the string fuse outlets busbars and connected in parallel via a DC Switch disconnector.
- Especially suitable for outdoor use for systems up to max. 1500V DC.

PRODUCT FEATURES

Maximum number of strings	24
Maximum number of inputs	2x4 (Multiple screw fitting)
Maximum number of outputs	1
Maximum system performance	1.500 DC
Maximum rated current, system	400A DC
Maximum rated current, string	20A DC
Strand protection	One-sided/Both-sided
Surge protection	Typ 2
Glass reinforced polyester Enclosure	IP66/IK10

CONNECTION DESCRIPTION AND COMPONENTS



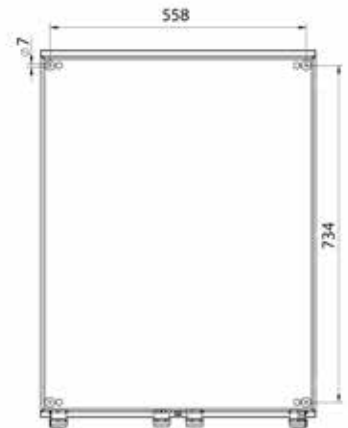
DC switch disconnector

Surge protection

Fuse carrier



DIMENSIONS



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