

MERZ - DC String Boxes for Photovoltaic systems



MERZ SCHALTGERÄTE GMBH + CO KG



MERZ

Schaltgeräte GMBH + CO KG

The current newsletter for
innovative switchgear

www.merz-schaltgeraete.de

May 2022 |

22/2 | MERZ - DC String Boxes

July 2022 |

22/3 | MERZ - DC Disconnect Switches
enclosed

PRODUCT DESCRIPTION

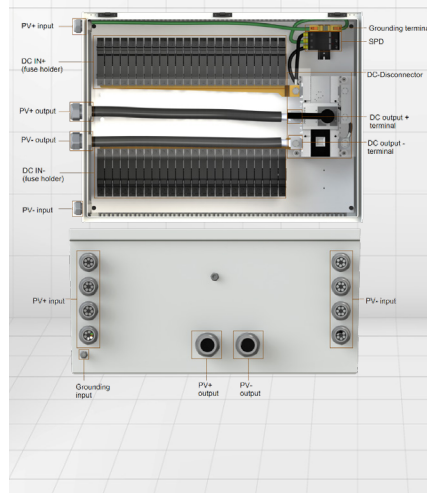
The MERZ DC String Boxes have been developed for use in rooftop and ground mounted systems and are designed for the use between PV modules and inverters.

Equipped with DC switch disconnecter, 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 disconnecter.

Especially suitable for outdoor use for systems up to max. 1500V DC.

CONNECTION DESCRIPTION



PRODUCT FEATURES

- | | |
|--|------------------------------|
| • Maximum number of strings | 24 |
| • Maximum number of inputs | 2x4 (Multiple screw fitting) |
| • Maximum number of outputs | 1 |
| • Maximum system performance | 1.500V 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 |

COMPONENTS

