

Photovoltaic DC Combiner and Protection Box

DCB-FH-12I-1000V-I250AIS-I-II-1O

For use with ATESS HPS 50KW inverter



- IP65
- Glass Reinforced Polyester
- RAL 7032
- Double Insulated

- This Product is designed to provide individual string protection and external isolation for Solar PV strings
- Each of the 12 strings input are individually protected and isolatable
- The enclosure is fitted with Original Staubli MC-4 Solar Connectors for ease of connection of input and output Strings
- The enclosure provides excellent protection against the elements and is UV stabilized
- Pre-wired internal switchgear makes the system installation time fast
- Connectors are clearly marked to streamline installation

12 STRING IN / 1 STRING OUT

Technical Data

Number of Inputs	12 individual string inputs
Number of Outputs	1 Combined output
Surge Protection Device	1000V DC Type I & II
Max current Per string-Impp	20 Amp DC
Max String Voltage -Voc	1000Vdc
String connection	Staubli-MC-4 Original
String Protection/Isolation	250A 4 Pole 1000V DC Isolator
IP Rating	IP 65
Enclosure Material	Glass Reinforced Polyester
Enclosure Color	RAL 7032
UV Stabilized	Yes
Additional Heat Dissipation	M20 brass breather drain x 2
NRCS Regulatory Approval	Yes – components certified under NRCS
Enclosure size	710 x 828 x 200



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