

DC Combiner & Protection Box

DCB-FH-7I-600V-I63A-I-II-1O

For use with high voltage DC strings up to 600Vdc



- IP65
- Glass Reinforced Polyester Base
- Polycarbonate Lid
- RAL 7032
- Impact Resistant
- Double Insulated – Class II
- Ambient Temperature range:
-25°C / +40°C
- Max Operating Voltage:
1000V AC / 1500V DC
- External Earth Stud

- This product is designed to provide individual string protection and external isolation for Solar PV strings.
- The enclosure is fitted with Original Staubli MC-4 Solar Connectors for ease of connection of input strings.
- The enclosure provides excellent protection against the elements and is UV stabilized
- Pre-wired internal switchgear improves the system installation time.
- Connectors are clearly marked to streamline installation

7 IN / 1 OUT DC COMBINER / PROTECTION BOX

Technical Data

Number of Inputs	7 string input
Number of Outputs	1 string output
Surge Protection Device	600V DC Type I & II
Max current	63A
Max String Voltage -Voc	600Vdc
String Connection	Staubli MC-4 set
IP Rating	IP 65
Enclosure Material	Glass Reinforced Polyester
Enclosure Color	RAL 7032
UV Stabilized	Yes
Additional Heat Dissipation	M12 ventilation plug
NRCS Regulatory Approval	Yes – components certified under NRCS
Enclosure size	286 x 418 x 148mm

