

DC Protection Box

DCB-NF-4I-1000V-II-40

For use with high voltage DC strings up to 1000Vdc



- 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

4 IN / 4 OUT DC PROTECTION BOX

Technical Data

| | |
|-----------------------------|---------------------------------------|
| Number of Inputs | 4 string input |
| Number of Outputs | 4 string output |
| Surge Protection Device | 1000V DC Type & II |
| Max current | 16A |
| Max String Voltage -Voc | 1000Vdc |
| 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 | 470 x 418 x 148mm |

