

Photovoltaic DC Protection Box

DCB-NF-11-600V-I16A-II-10

Application

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 easy connection of input strings. The enclosure provides excellent protection against the elements and is UV stabilized. Pre-wired internal switchgear alleviates build time. Connectors are clearly marked to streamline installation.

Enclosure Characteristics

- IP65 - UV Protection
- ABS RAL 7035 Grey Base
- Transparent Window - PC Tinted
- Recommended for Outdoor Use
- Impact Resistant IK08
- Double Insulated - Class II
- Ambient Temperature range: -25°C / +40°C
- Max Operating Voltage: 1000 V AC / 1500 V DC
- External Earth Stud

Technical Data

| | |
|-----------------------------|----------------------|
| Number of Inputs | 1 string input |
| Number of Outputs | 1 string output |
| Surge Protection Device | 600V DC Type II |
| Max current | 16A |
| Max String Voltage -Voc | 600 V DC |
| String Connection | Original MC-4 set |
| IP Rating | IP 65 |
| Enclosure Material | ABS |
| Enclosure Color | RAL 7032 |
| UV Stabilized | Yes |
| Additional Heat Dissipation | M12 ventilation plug |
| Enclosure size | 238 x 231 x 118mm |
| Earth Stud | 6mm Stainless Steel |

