



SYNAPSE Photovoltaic DC Protection Box 3 MPPT - 1 String per MPPT

For Use With Synapse Ultra -8K Hybrid Inverters
DCB-NF-3I-600V-I20A-II-30

Features

- ◆ IP65.
- ◆ Self Extinguishing ABS.
- ◆ Double Insulated.
- ◆ This product is designed to provide individual string protection and external isolation for solar PV strings.
- ◆ The string input is protected and isolatable.
- ◆ The enclosure is fitted with Flexkabel solar glands 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 assists with super fast installation.

Technical Data

Number Of Inputs	3 individual string inputs
Number Of Outputs	3 Individual string outputs
Surge Protection Device	Yes – Type 2 DC Surge Protection (Type 1 also available)
Max Current Per String - ISc	16Amp Dc
Max String Voltage - Voc	600Vdc
String Connection	Flexkabel solar glands
String Protection / Isolation	2P-600Vdc-20A DC Miniature Circuit Breaker
IP Rating	IP 65
Enclosure Material	ABS
Enclosure Colour	RAL 7032
UV Stabilized	Yes
Additional Heat Dissipation	Yes- 1 x M12-IP65 Breather Plugs Included

