



NSDD-630A

DOUBLE DISCONNECT BOARD

Product Description:

NS- Protection - Double Disconnect Unit – Used where the requirement for independent Grid monitoring is dictated by the National Grid Code. This model can be used with up to 3 x 80KW Inverter or a combination of smaller inverters not exceeding a total output of more than 240kW. Wall Mounted (surface - type) IP65. For ease of installation, compression glands are used for input and output. A M16 Earth is Provided for earth connection. AC Isolation is achieved via 2 x 630A AC 4 pole 1000V Contactors. The Board accepts only one input, therefore if multiple inverters are used – They Should be combined externally via a suitable AC Combiner Board



Technical Datasheet

Item Number	NSDD-630A
System Operating Voltage (Main Grid Power)	L1-N- 230Vac/ L-L- 400Vac
Max Current	630A
Automatic Disconnection Device – Contactor Type	4P-630A
Number of Inputs	1
Number of Outputs	1
AC Connection Input	Cable Gland (Supplied by Client)
AC Connection Output	Cable Gland (Supplied by Client)
Earth Connection	Earth Stud
Breather Plug (M12)	N/A
Grid Protection Relay	LMVF 80 Lovato
Contactor Coil Voltage	400Vac
Lovato relay Aux Power	230Vac
Grid Voltage Reference Requirement (LMVF 80)	L1-N- 230Vac/ L-L- 400Vac
Enclosure	B26 Orange Metal Enclosure
IP Rating	IP65
Double Insulated	Yes
Dimension (H X W X D)	850 x 600 x 270mm
UV Protection	YES
Halogen Free	YES
Resistance to Impact	IK08
Glow Wire Resistance- Enclosure Only	650 °C
Max. Operating Voltage rating of enclosure	1000Vac / 1500Vdc
Assembly General Operating Temperature	-10°C to +40°C

Notes:

- * Please Note all setting to be checked versus Local Grid Code Bylaw requirements.

