

TECHNICAL DATA SHEET



ACDB-AX5K-I50A-230V-II-25AO

Product Description:

This AC Input output protection box is aimed to simplify the installation experience for the installer by providing both the input and output protection required for grid connected backup embedded generation systems in one simplified enclosure. The IP 65 surface mounted enclosure is fitted with M20 compression glands for Grid input cable, Inverter output cable and Plug and light circuit output cables. An M6 earth stud is also added for convenient earthing to the functional earthing system.



Picture shown for illustrative and representative purposes only and may differ from actual Product

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Technical Datasheet		
Item Number		ACDB-AX5K-150A-230V-II-
25AO Inverter Input fed from municipal grid		
Max. Operating AC Voltage		230 Vac
Max Current Inverter Input Circuit Breaker	2P	50A
Inverter Input AC Surge Protection	Citel	Type 2
Min Required Inverter Input Cable size- Stranded Copper Wire	L-N	10mm ²
Inverter output fed to out put circuit breakers		
Max. Operating AC Voltage		230 Vac
Max Current Inverter output Main Circuit Breaker	2P	25A
Inverter output Earth Leakage Unit	2P	25A-30mA
Min Required Inverter output Cable size- Stranded Copper Wire	L-N	4mm ²
Switch Socket Output Circuit Breaker	1P	16A Light
Circuit Output Circuit Breaker	1P	10A Enclosure*****
PVC with Smokey Swing Door IP Rating		
IP65		
Double Insulated		Yes
Dimension (H X W X D)		246 x 310 x 148
mm UV Protection		YES
Halogen Free		
YES Resistance to Impact		
IK08		
Glow Wire Resistance- Enclosure Only		650 °C
Max. Operating Voltage		1000Vac / 1500Vdc
Assembly General Operating Temperature		-10°C to +40°C
Notes:		
1	Please note this ACDB does not incorporate a grid/inverter bypass-switch	
2	This ACDB is to be used in conjunction with ITEM: ACDB-ENB-25A- earth neutral bridge assembly- to ensure operation of earth leakage unit and elevated voltage between Neutral and Earth conductors in inverter back up mode	
***** UNE-EN62208 and IEC 62214		

NB: All equipment to be installed and operated by Qualified Personnel only.

