

Earth Neutral Bridge Box ACDB-ARENB-25A

Application

This product is an essential component needed for safe operation of back up and hybrid solar systems. This function replaces the earth neutral bridge that exists when power is supplied from the utility. The ACDB-ARENB-25A automatically creates a temporary earth/neutral bridge when the inverter goes back to back up mode due to loss of grid power, thus avoiding the formation of earth bound loops. Enclosure provides excellent protection against the elements and is UV stabilised. Pre-wired internal switchgear makes for fast system installation time. Terminals are clearly marked to further 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 AC in
Number of Outputs	1 AC out
Surge Protection Device	No
Max current	25A AC
Max Voltage	230V AC
Cable Entry	Gland Entry 3 x M20
IP Rating	IP 65
Enclosure Material	ABS
Enclosure Color	RAL 7032
UV Stabilized	Yes
Enclosure size	231 x 166 x 113mm



WIRING DIAGRAM

