



- PREVENTS SHOCK, ELECTROCUTION AND FIRES...
- PREVENT EQUIPMENT AND APPLIANCES DAMAGE
- SABS COMPLIANCE WITH : SANS/IEC : 60669-2-1:2015 AND VC8003
- PATENT PENDING REF : CIPC PPN00002403

This device is designed to detect a broken or loose neutral cable condition on the incoming supply and trip the main earth leakage unit, to protect people, animals, equipment and appliances from over voltages, shock, electrocution, fires and other hazards, as a result of a broken neutral.

**PART NUMBER : BNSD TYPE 3.0**

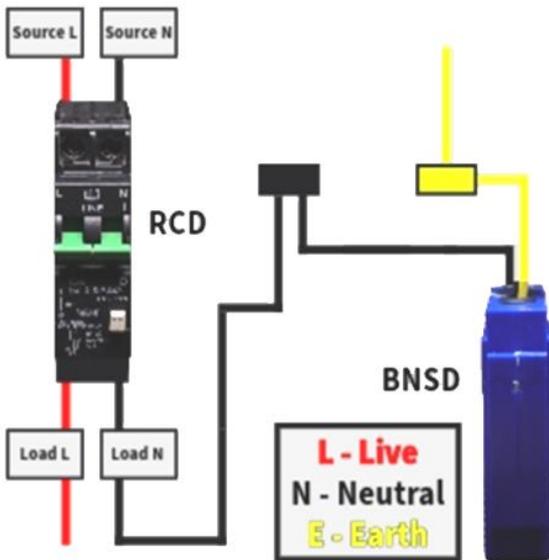
### SPECIFICATIONS

Installation	DIN or Samite
Earthing Applications	TN-C, TN-S, T-T & TN-C-S
Voltage Rating	250V rms (max)
Current Rating	3A (max-momentary)
Unbalanced Voltage Detection	>16V rms
Unbalanced Voltage Detection ELU trip	<50V rms
Dimensions	87mm(h) x 63mm(d) x 24mm(w)
Black wire (Load Neutral)	500mm
Yellow/Green wire (True Earth)	500mm
Indication	Superbright BLUE led for Broken Neutral Identification
Resistance to ageing	Complied with test specification
Resistance to humidity	Complied with test specification
Resistance to heat	Complied with test specification
Resistance to fire	Complied with test specification

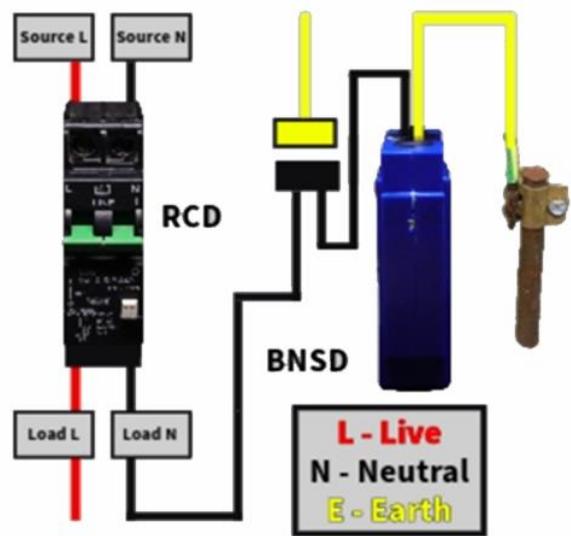
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## INSTALLATION

### TN-S EARTHING



### TN-C-S EARTHING



## SAFETY NOTES

- TO BE INSTALLED BY QUALIFIED ELECTRICIAN
- HAVE DB BOARD CHECKED BY ELECTRICIAN, AFTER LIGHTNING STRIKE

## RELATED PRODUCTS BY SWAN ELECTRIC

DIN TO SAMITE CONVERSION BRACKET

CIRCUIT BREAKERS / ISOLATORS

EARTH LEAKAGES

EARTH SPIKES

## DOCUMENT TRACKING & CATALOGUE LINK

EDITED BY	DATE	APPROVED BY	DATE
MANNY MOUTINHO	2 OCT 2023	STEPHEN COOK	3 OCT 2023

