

Single Phase Universal 10Arms Breakout Box

Power Analyzer 1Φ
Mains to 4mm
Safety connection

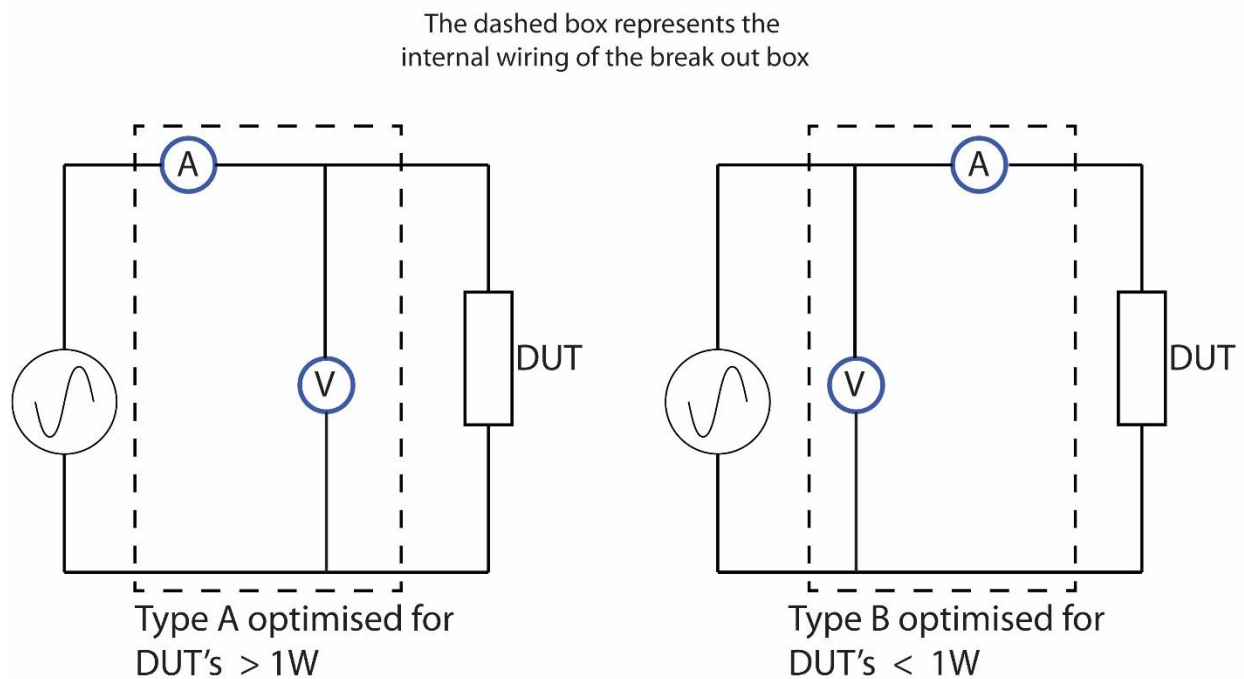


The 10Arms Single Phase Universal breakout box is a convenient solution to single phase power measurement of domestic appliances. The breakout box features a universal CE compliant shuttered outlet for connection of a range of sockets. The 4mm safety connectors offer seamless connection to any of the N4L power analyzer range.

Fitted with touchproof 4mm connectors, the interface provides a convenient way to connect a PPA to any single phase mains powered DUT.

| Parameter | Specification |
|------------------|----------------------------------------------------------------|
| Type | Type A optimized for DUT > 1W Type B optimized for DUT < 1W |
| Rating | 265Vrms ~ 10Arms |
| Input Connection | IEC Flange mounted inlet |
| DUT Connection | Universal shuttered CE compliant socket |
| PPA Connectors | 4mm touchproof safety |
| Box type | ABS Plastic |
| Dimensions(mm) | 110W, 85H, 44D |

The two types of Breakout Boxes offered are wired with different internal wiring arrangements, as shown in the diagram below.



In Type A breakout boxes, the voltage is measured after the current and is optimised for DUT's with ratings exceeding 1 W.

Whereas Type B breakout boxes are optimised for measuring DUT's where the rating is less than 1 W and the voltage measurement take off is arranged before the current shunt take off points.