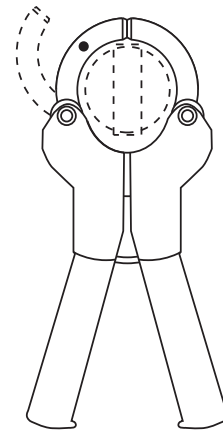


AC current transducers

These current transducers are used primarily in the building services industry for monitoring AC current. All transducers have a 0 to 1 VDC output and are compatible with all Grant Squirrel data loggers.

Miniature clip-on AC current transducers (BSS 540, BSS 541, BSS 542)

- » Accommodates 15mm diameter cable or 15x17mm bus-bar
- » Choice of two models: 0 to 25A, 0 to 100A
- » BSS 540 accuracy is higher than BSS 541
- » Basic accuracy of ± 0.25 to $\pm 3\%$
- » Output: 0 to 1V DC for all ranges
- » Output connection: 4mm safety sockets
- » Operating temperature: -10 to $+50^{\circ}\text{C}$
- » Max. operating voltage: 650V
- » Dimensions: BSS 540 and BSS 541 - 43x23x125mm (l x w x h)
- » Weight: 125g



BSS 542

Clamp-on AC current transducers (BSS 542)

- » Accommodates 43mm diameter cable
- » Three switch-selectable ranges: 0 to 250A, 0 to 500A, 0 to 1000A
- » Basic accuracy of ± 0.25 to $\pm 3\%$
- » Output: 0 to 1V DC for all ranges
- » Output connection: 4mm safety sockets
- » Operating temperature: -10 to $+50^{\circ}\text{C}$
- » Max. operating voltage: 650V
- » Dimensions: 38x90x205mm (l x w x h)
- » Weight: 550g



BSS 540 / 541