



Wall-mounted connection boxes for service cables

WMCB jointing kits are wall-mounted ('under-eaves') connection boxes for single-phase service cables.

The boxes are made of UV-resistant high density polyethylene and require no filling with resin or other insulating or sealing material. Phase connections are insulated and sealed in well-proven gel joint boxes firmly located within the housing. These connections are therefore effectively double-insulated and mechanically protected.

The housing boxes have been designed to resist unauthorised penetration and contact with live parts.

WMCB jointing kits are available in two sizes:

- smaller size is designed for CNE* connections up to 35 mm² (SNE* up to 25 mm²)
- larger size is for SNE or CNE connections up to 35 mm²

Each of the two sizes accommodates straight or branch connections.

Completed connections can be fully re-entered.

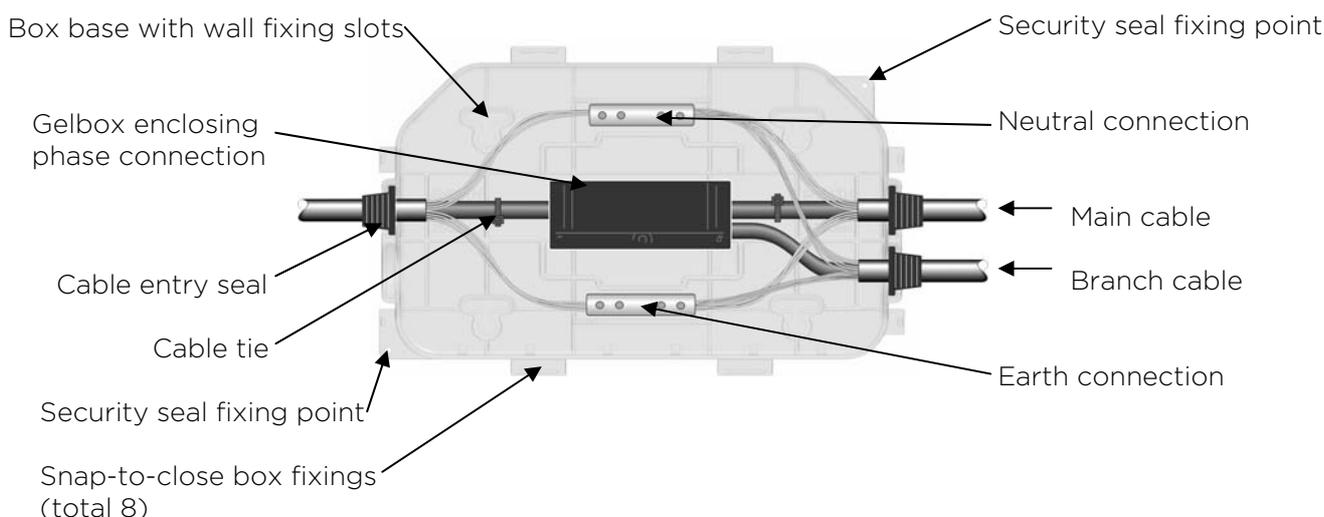
*CNE - Combined Neutral/Earth. Cables have circumferential copper wire neutral/earth conductor.

*SNE - Separate Neutral/Earth. Cables have circumferential copper wire conductor divided into earth (uninsulated) and neutral (insulated).

Features and Benefits

- Resin-free system
- Double insulation for phase connection
- Designed for CNE and SNE cables
- Proven gel insulation and sealing for phase connection
- Unobtrusive low-profile design
- Fully re-enterable
- Ingress protection category IP35
- Phase connectors suitable for Cu/Al conductors
- Sheath-stripping guide marks moulded in housing base
- Adjustable wall mounting
- Resistant to unauthorised entry
- Provision for security seals
- Tested to relevant performance standards

WCMB components (SNE connection shown)



Application guide

Reference	Part number	Cable size – straight and branch connections			External dimensions length x height x depth
		1ph CNE	1ph SNE	Cable diameter	
WMCB35CNE	BAH-038130001	16-35 mm ²	16 & 25 mm ²	5-17 mm	230 x 150 x 50 mm
WMCB35SNE	BAH-038130001	16-35 mm ²	16-35 mm ²	10-23 mm	300 x 190 x 50 mm

Performance standards and testing

Phase connection 'Gelbox' tested to the electrical requirements of EN 50393.

Phase connectors tested to ENA Eng. Rec. C79 (BS 4579).

Neutral/earth brass tunnel connector family tested to IEC 61238-1.

Housing tested for mechanical impact resistance to BS 7657 (with increased impact drop height).

Housing tested for ingress protection category IP35 to EN 60529

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