

## Technical Datasheet

# ABC Service Box - Single Phase, 200A Rated

### Overview

Pole or wall mounted distribution boxes for aerial bundled conductors. Used in end of line applications where only a single phase and neutral are distributed.



SNE variant illustrated

### Features

- Tough, fully insulated construction designed for outdoor installation
- Allows up to three 35mm<sup>2</sup> service cables to be supplied from one phase
- Accepts up to 120mm<sup>2</sup> aluminium ABC cable
- Wrap around cover feature protects hinged side from weather ingress
- Fixed transparent insulating shields over phase and neutral terminals
- Sealing wire location and padlock facility with aperture to accept 8mm hasp
- Twin M8 hexagon drive pinching screws per conductor (4mm hexagon head)
- Pre-formed wall and pole fixing holes in base fitted with sealing plugs
- All terminal blocks have grease filled serrated bores suitable for stranded or solid cable
- Outgoing cables exit through bottom mounted closed cell foam cable bush
- Choice between CNE and SNE variant

**Note:** The equipment described in this data sheet must be installed by suitably qualified personnel according to applicable Local / National Wiring regulations currently in force.

### Construction

- Enclosure..... ASA (Acrylic Styrene Acrylonitrile)
- Terminal blocks..... Electro tin plated brass
- Neutral terminal block shield..... Polycarbonate
- Phase terminal block shield..... Polycarbonate

### Performance

- Rated voltage..... 415V a.c.
- Rated current..... 200A
- Flammability rating..... UL94 VO self-extinguishing 30 seconds at 960° C

### Operator Protection

- Cover in place..... IP44
- Cover removed..... IP2X

### Recommended terminal torque

- Phase, neutral and earth..... 3.5Nm

### Product Characteristics

- Terminal capacities

|          | <b>SERVICE<br/>(Outgoing)</b> | <b>SUPPLY<br/>(Incoming)</b> |
|----------|-------------------------------|------------------------------|
| CNE Type | 6-50mm <sup>2</sup>           | 50-120mm <sup>2</sup>        |
| SNE Type | 6-50mm <sup>2</sup>           | 50-120mm <sup>2</sup>        |

All variants accommodate a total of 3 outgoing service ways cabled with 35mm<sup>2</sup> solid aluminium conductors

### Conformity to Standards

- Complies with ENATS 43-14
- IP rating to BSEN 60529

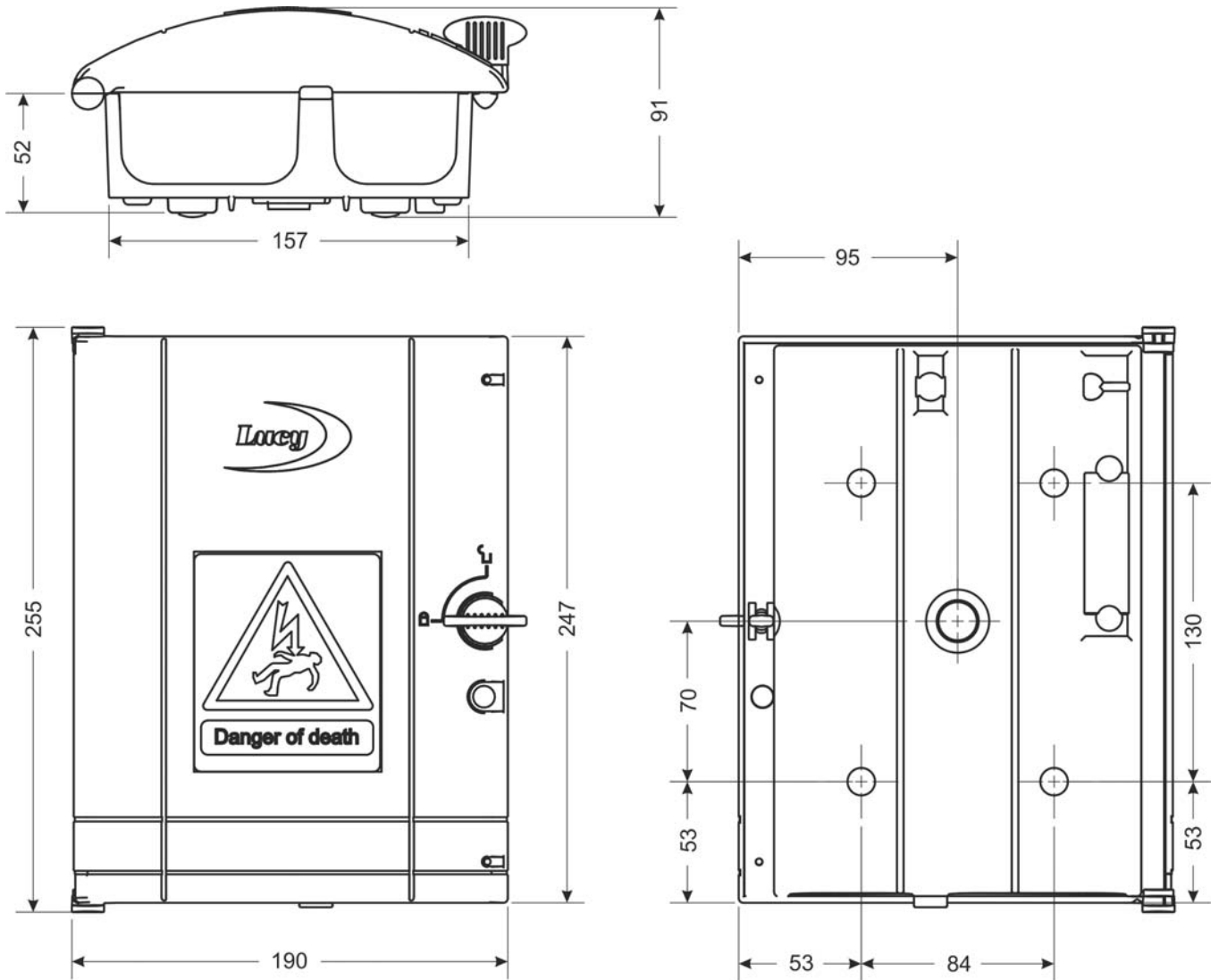
### Dimensions

- Height.....255mm
- Width..... 190mm
- Depth.....90mm

### Weight

- CNE..... 1.03kg
- SNE.....1.12kg

**General arrangement**  
(dims in mm)



| Fixing centre dimensions (mm) |                  |                    |
|-------------------------------|------------------|--------------------|
|                               | Vertical Spacing | Horizontal Spacing |
| Wall mounting (4 holes)       | 130              | 84                 |

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