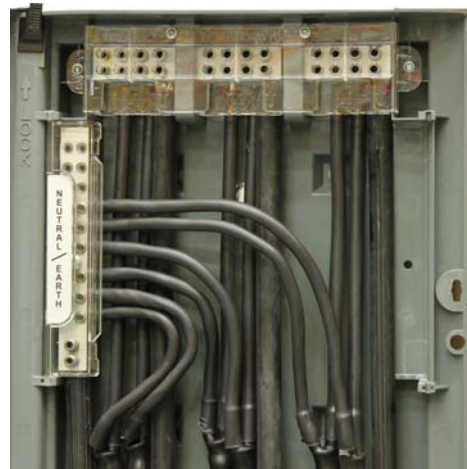


ABC Service Box - Three Phase, 200A Rated

Overview

Pole or wall mounted distribution boxes for aerial bundled conductors, open wire conductor overhead line distribution systems or underground supply cables.



Cabled with 120mm² ABC and 35mm² service conductors

Features

- Tough, fully insulated construction designed for outdoor installation
- Accommodates up to nine 35mm² service cables balanced over three phases
- Accepts up to 120mm² aluminium ABC cable
- Device to maintain door in open position whilst cabling
- Wrap around cover feature protects hinged side from weather ingress
- Fixed transparent insulating shields over Phase terminals (Hinged shroud over N/E terminal)
- 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
- Optional backplate.....Galvanised steel

Performance

- Rated voltage.....415V a.c.
- Rated current.....200A
- Supply frequency..... 50-60Hz
- 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

	SERVICE (Outgoing)	SUPPLY (Incoming)
CNE Type	6-50mm ²	50-120mm ²
SNE Type	6-50mm ²	50-120mm ²

All variants accommodate a total of 3 outgoing service ways cabled with 35mm² solid aluminium conductors

Conformity to Standards

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

Dimensions

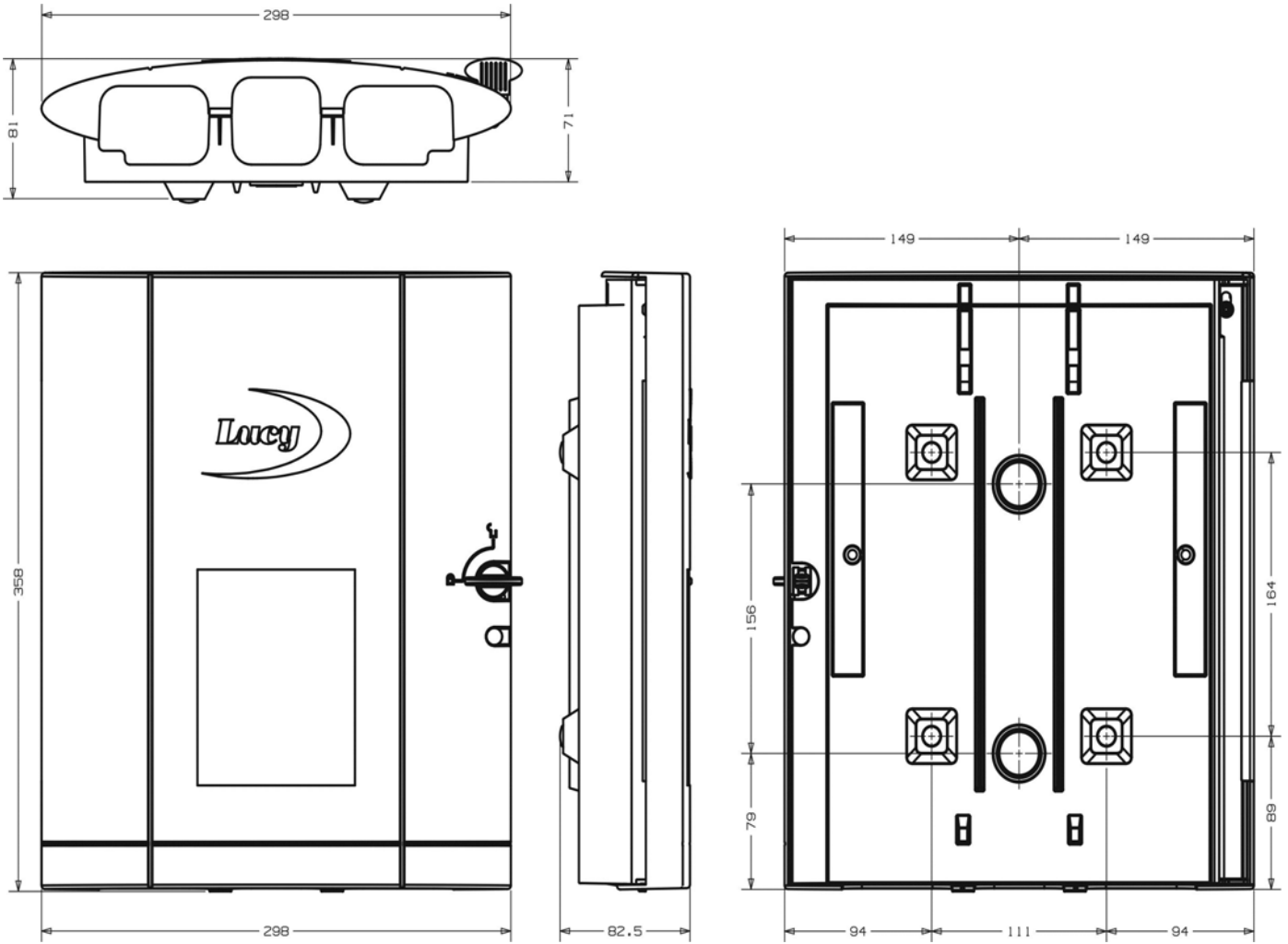
- Height.....358mm
- Width.....298mm
- Depth.....71mm

Weight

- Net weight..... 1.7 - 1.9kg depending on specification / 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.

General arrangement
(dims in mm)



	Fixing centre dimensions (mm)	
	Vertical Spacing	Horizontal Spacing
Wall mounting (4 holes)	164	111
Pole mounting (2 holes)	156	N/A

Disclaimer: Lucy Electric has a policy of continuous research and development thus accordingly reserves the right to change the design and specifications of its products without prior notice or liability.

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