

Heavy Duty Cut Outs Triple Pole and Neutral/Earth

200A 400A 600A rated



Overview and presentation

- All insulated Heavy Duty Cut-out with three in-line BS 88 J type slotted tag fuse links for indoor installation



HDC200 c/w Cable Trough



HDC400 c/w Cable Trough



Features

- Tough fully insulated construction
- Additional detachable two part cable trough can be mounted to the outgoing side of unit
- Troughs provide choice of three cable entry positions via PVC grommets or brass glands (not supplied)
- HDC600 trough can be fitted to HDC400 unit for increased cable core separation
- Incoming terminations via range taking mechanical shear off connectors or compression lugs
- Outgoing terminations via range taking mechanical leader clamps or compression lugs
- Sealing wire facility
- Removable N/E link for use with CNE and SNE systems
- Removable clear internal insulation shields to incoming and outgoing phase and neutral/earth terminals
- All external cover screws are captivated
- Keyhole fixings on uppermost body attachment points (recommended size M6 x 50mm)
- Two external M12 earth studs (one pre-drilled to provide wire sealing facility)
- Outgoing cables exit the top of the unit via a closed cell foam cable bush

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



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Construction

- Enclosure (including cable trough)..... Glass reinforced polyamide 6
- Internal busbars.....Electro-tin plated copper
- Fuse link handles..... Polybutylene terephthalate (PBT)
- Clear insulation shields.....Polycarbonate
- Flexible cable grommets.....Synthetic nitrile rubber
- Optional incoming fuse stem shields.....PVC



Product characteristics

- Fuse centres 200A/400A..... 83mm
- Fuse centres 600A 92mm
- Max cable size 200A..... 120mm²
- Max cable size 400A 185mm²
- Max cable size 600A 300mm²



Performance

- Rated voltage..... 415V a.c.
- Busbar rating..... According to rating of unit
- Supply frequency.....50-60Hz
- Flammability rating.....UL V2, self-extinguishing 30 seconds at 960 degrees C
- Operator protection
 - In service condition, covers and fuseholder in place.....IP3X
 - Upper outgoing cover removed.....IP2X



Conformity to Standards

- Conforms to BSEN 60439-1
- Complies with ENATS 37-2, Issue 3/4
- IP rating to BSEN 60592



Weights and dimensions

200A frame size (inc trough)

- Height.....480mm
- Width.....402mm
- Depth.....190mm
- Weight (excluding fuses).....6.95kgs

400A frame size (inc trough)

- Height.....634mm
- Width.....549mm
- Depth.....250mm
- Weight (excluding fuses).....11.6kgs

600A frame size (inc trough)

- Height736mm
- Width..... 549mm
- Depth.....250mm
- Weight (excluding fuses).....13.56kgs

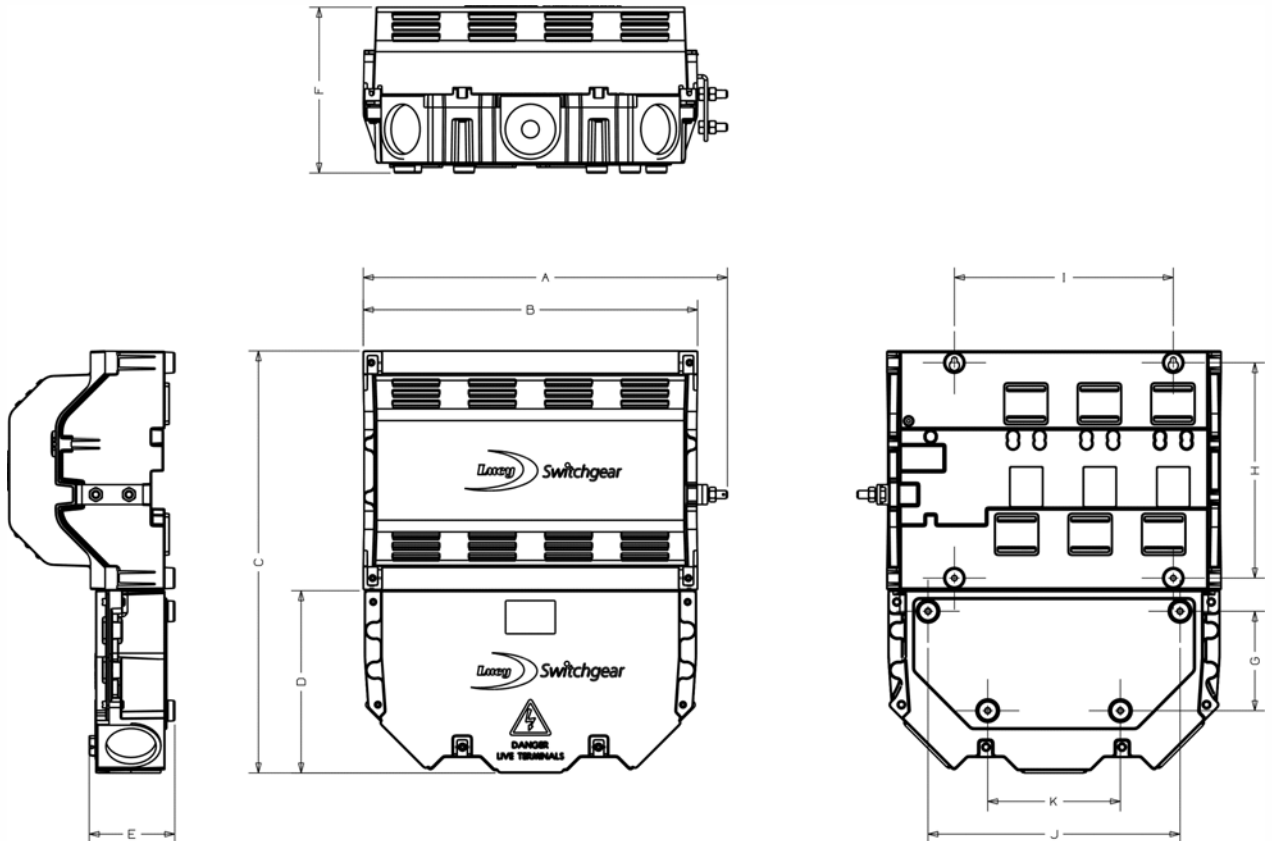
Fixing screw hole diameters

- 200A HDCO and trough.....M6
- 400/600A HDCO and trough.....M8

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▶ General arrangement and dimensions (mm)

- Trough shown installed in lower position but can also be installed in upper position.



	A	B	C	D	E	F	Fixing centre spacing				
							G	H	I	J	K
200A	402	356	480	214	122	190	90	230	220	240	140
400A	549	504	736	275	129	250	150	320	330	380	200
600A	549	504	736	374	129	250	250	320	330	380	200

Note: 600A trough (374 x 504mm) can be fitted to 400A unit for increased wiring space

Disclaimer

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

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