



- NOTES (RECESSED POE BOX):**
- MATERIAL: FOLDED 1.5mm ZINCSEAL
  - COLOR: TRANSFORMER GREY
  - ALL MULLIONS, JOINTS & CORNERS WELDED & FINISHED TO FORM A FLAT SURFACE.
  - PRIOR TO PAINTING ALL SURFACES THOROUGHLY CLEANED FREE FROM SCALE & RUST ETC.
  - ALL METAL TREATED WITH POLYESTER POWDER COATING.
  - EXTERNAL DOORS ARE HINGED WITH CHROME PLATED PIN HINGES & LOCKED USING LOWE & FLETCHER T LOCKS.
  - INTERNAL PANELS HINGED WITH 75mm BUTT HINGES & SCREWED.
  - THE NEUTRAL LINK MUST BE SUITABLE FOR 2x16-35mm<sup>2</sup> CABLE AND MUST HAVE TWO SCREWS PER TERMINAL.
  - THE NEUTRAL LINK MUST HAVE SEALABLE COVER.
  - THIS DRAWING MUST BE READ IN CONJUNCTION WITH EVOENERGY LOW VOLTAGE POINT OF ENTRY CUBICLE REQUIREMENTS – P007174 INCLUDING EARTHING REQUIREMENTS.
  - POE BOX TO BE RECESSED INTO WALL.
  - 2.3m – 2.8m MOUNTING HEIGHT (TO TOP OF BOX).
  - 50mm $\phi$  HD CONDUIT CONTINUOUS FROM BOUNDARY UP CAVITY TO BOX (REFER DRAWING 8912-02 AND 8912-03).

- NOTES (WALL/SURFACE MOUNTED POE BOX):**
- MATERIAL: THERMOPLASTIC
  - COLOR: TRANSFORMER GREY
  - IP RATING: IP65
  - REMOVABLE BACK PLATE: 180mm x 230mm x >3mm.
  - SMOOTH SIDED BOX WITH SCREW-ON LID.
  - THE NEUTRAL LINK MUST BE SUITABLE FOR 2x16mm<sup>2</sup>-35mm<sup>2</sup> CABLE AND MUST HAVE TWO SCREWS PER TERMINAL.
  - THE NEUTRAL LINK MUST HAVE SEALABLE COVER.
  - THIS POE BOX MUST BE FREE FROM ANY METAL COMPONENTS, THEREFORE NO EARTHING REQUIREMENTS.
  - POE BOX TO BE MOUNTED ON WALL/SURFACE.
  - 2.3m – 2.8m MOUNTING HEIGHT (TO TOP OF BOX).
  - 50mm $\phi$  HD CONDUIT CONTINUOUS FROM BOUNDARY ON WALL TO BOX (REFER DRAWING 8912-02).

- LEGEND**
- ① M6 x 50 mm STUD, 2 NUTS, 2 FLAT WASHERS, 1 SPRING WASHER
  - ② EVOENERGY SEALING STUD
  - ③ SERVICE FUSE MOUNTING BRACKET
  - ④ 5mm TAPPED
  - ⑤ 100A SERVICE FUSES
  - ⑥ LOCKING HINGE
  - ⑦ 50mm HOLE WITH BUSH
  - ⑧ 50mm HOLE NO BUSH/CABLE ENTRY
  - ⑨ NEUTRAL LINK

- LEGEND**
- ① SCREW-ON WITH LID
  - ② REMOVABLE BACK PLATE 180 x 230 x >3mm FITTED TO THE BACK OF THE BOX USING 3.5 X 9.5mm SELF-TAPPING SCREW
  - ③ 100A SERVICE FUSES
  - ④ 50mm KNOCK OUT HOLE
  - ⑤ NEUTRAL LINK

**RECESSED POE BOX**

**WALL/SURFACE MOUNTED POE BOX**

B	LOGO AND REFERENCES UPDATED TO EVOENERGY	8/01/2018	C. Desai	W. Ibrahim	Drawn: C. Deschamps	Designed: Comm. & Mech. S/Boards	 <b>POE / FUSE BOX</b> FOR DOMESTIC & SMALL COMMERCIAL CUSTOMERS (16mm <sup>2</sup> - 35mm <sup>2</sup> U/G SERVICES)	Scale: 1:5	Date:	Sheet No: 1 of 1
C	UPDATED NOTES (MS)	19/07/2022	N. Azizi	W. Cleland	Checked:			Work Pack No:	File:	
D	ADDED ON WALL POE BOX	2/07/2024	J. Primmer	N. Azizi	Approved: G. Astbury			Status:	Current	
E	UPDATED NOTES (JR)	15/08/2024	J. Primmer	N. Azizi	Project No:			<b>A3</b>	<b>8913-22-02</b>	Rev
No	Revision	Date	Checked	Approved	<small>ACT Cadastral information supplied by the ACT Environment &amp; Sustainable Development Directorate. © ACT Gov. 2017.</small>					E