

SECURE WITH SUITABLE FIRE BRIGADE (FB) PADLOCK OR A DUAL LOCKING ARRANGEMENT TO EAS 07-0000

200mm DEEP CONCRETE BASE STRENGTH CLASS C28/35, WITH SINGLE LAYER OF A393 MESH PLACED CENTRALLY

FIX TO THE BASE USING PLUG/HEX-BOLTS ON THE THREE FIXED SIDES

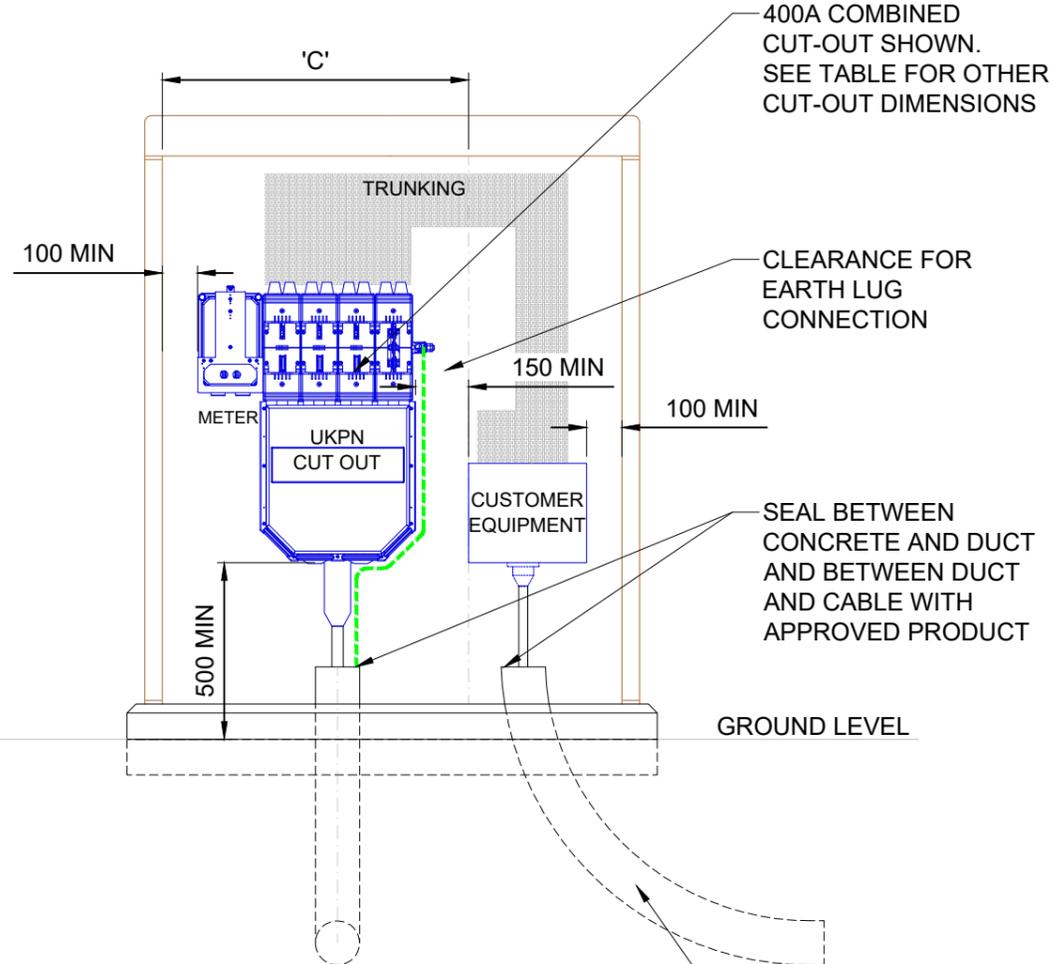
25 x 25mm CHAMFERS TO ALL EXPOSED EDGES OF CONCRETE BASE TO MAINTAIN DURABILITY

1200 GAUGE MEMBRANE

50mm BINDING CONCRETE

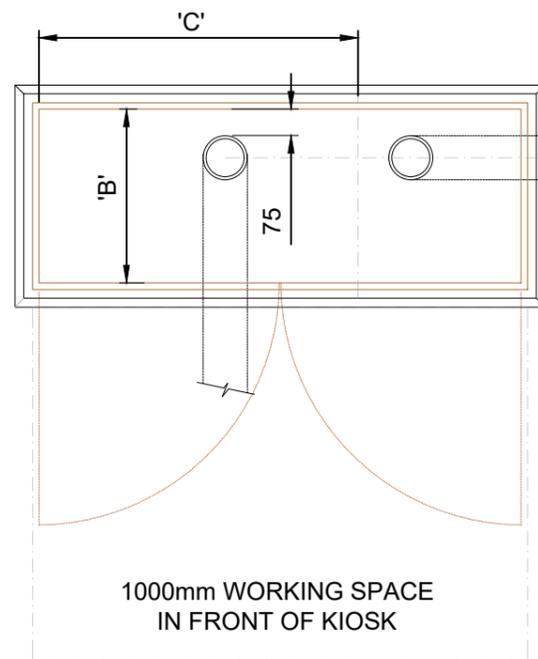
150mm COMPACTED LAYER OF DPT1 MATERIAL

FRONT VIEW (CONSTRUCTION)



FRONT VIEW (ELECTRICAL)

INDICATIVE DUCT LAYOUT. DUCTS MAY ENTER FROM ANY DIRECTION TO SUIT SITE CONDITIONS AND CUT-OUT POSITION



PLAN VIEW

MINIMUM INTERNAL DIMENSIONS FOR DNO EQUIPMENT ONLY

CUT-OUT	CUT-OUT DIMENSIONS (H x W x D)	'A' HEIGHT	'B' DEPTH	'C' WIDTH	'D' RADIUS	DUCT SIZE	CABLE SIZE
100A 1-PHASE	202 x 117 x 92	900	250	367**	250 MIN	32	25-35
100A 3-PHASE	256 x 195 x 92	1100	250	445**	250 MIN	50	25-35
200A 3-PHASE	480 x 356 x 190	1500	480*	606**	1000 MIN	125	70-300
400A 3-PHASE	634 x 504 x 250	1500	480*	754**	1000 MIN	125	70-300
200-400A 3-PHASE COMBINED	754 x 609 x 250	1500	480*	859**	1000 MIN	125	70-300
600A 3-PHASE	736 x 504 x 250	1500	480*	754**	1000 MIN	125	70-300
600A 3-PHASE CT CHAMBER	736 x 504 x 250	2000	480	754**	1000 MIN	125	70-300

* If the kiosk depth is increased then the height shall be increased to 2000.
 ** Width of DNO equipment and minimum clearances only. Ensure additional space for customer equipment.

NOTES

1. ALL DIMENSIONS IN MILLIMETRES.
2. CUSTOMER TO PROVIDE AND INSTALL KIOSK AND DUCT WITH DRAW CORD.
3. GRP KIOSK FROM EAS 07-0000 OR SPECIFICATION ON EDS 08-2110-13b TO SUIT THE MINIMUM SIZES SPECIFIED IN THIS DRAWING. METALLIC AND WOODEN KIOSKS ARE NOT PERMITTED.
4. CUSTOMER TO PROVIDE AND INSTALL COMPLIANT BS 7671 250mm x 150mm TRUNKING.
5. CUT-OUT IS NOT DESIGNED FOR CLASS 5/6 FLEXIBLE CONDUCTORS OR ARMoured CABLES. REFER TO TABLE FOR CABLE SIZES.
6. ALL PME CUT-OUTS LARGER THAN 100A THREE-PHASE REQUIRE AN EARTH CABLE TO AN EXTERNAL EARTH ELECTRODE, SEE ECS 06-0026.
7. THE DIMENSIONS SHOWN ARE THE MINIMUM REQUIRED FOR DNO EQUIPMENT. IF ADDITIONAL SPACE IS REQUIRED FOR CUSTOMER EQUIPMENT A LARGER KIOSK SHOULD BE SELECTED. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO ENSURE A SUITABLE KIOSK IS PROVIDED.
8. KIOSKS FOR TEMPORARY SUPPLIES SHALL BE LOCATED AS CLOSE TO THE MAIN SITE BOUNDARY AS POSSIBLE AND IDEALLY WITHIN 2m.
9. THE KIOSK SIZE, LAYOUT AND LOCATION SHALL BE AGREED WITH UK POWER NETWORKS BEFORE CONSTRUCTION/INSTALLATION.
10. SEE DRAWING EDS 08-2110-13c FOR BRICK BUILT KIOSK.



TITLE		
100-600A CUT-OUT ARRANGEMENTS GRP KIOSK		
SCALE 1:20	@A3	01/12/2025
DRAWING NO.		Version
EDS 08-2110-13a		09
STD	LV ELECTRICAL SERVICES	

GRP KIOSK SPECIFICATION

THE ENCLOSURE SHALL BE A GRP KIOSK FROM EITHER EAS 07-0000 OR ALTERNATIVELY TO THE SPECIFICATION BELOW TO SUIT THE MINIMUM SIZES SPECIFIED ON DRAWING EDS 08-2110-13a.

THE GRP ENCLOSURE SHALL:

1. BE CONSTRUCTED FROM A MINIMUM OF 4.5mm THICK GRP TO BS 476-7 CLASS 2.
2. HAVE A MINIMUM SERVICE LIFE OF 40 YEARS AND REQUIRE MINIMUM MAINTENANCE.
3. BE SUITABLE FOR OUTDOOR INSTALLATION IN RURAL, POLLUTED INDUSTRIAL AND COASTAL AREAS INCLUDING RESIDENTIAL AREAS AND AMBIENT TEMPERATURES OF BETWEEN -25°C AND +40°C.
4. CONTAIN A 18mm MINIMUM THICK PLYWOOD EQUIPMENT MOUNTING BOARD, CAPABLE OF SUPPORTING 15KG AND FIXED TO THE BACK WALL WITH 20mm STAND OFFS WITH REMOVABLE FIXINGS.
5. INCLUDE FIXING POINTS ON TWO OR MORE SIDES TO ALLOW FIXING TO A CONCRETE BASE USING PLUG/HEX-BOLTS.

THE DOORS SHALL BE FITTED WITH:

6. INTERNAL OR EXTERNAL STAINLESS STEEL HINGES. FOR EXTERNAL HINGES, FIXINGS SHALL BE BOLTS OR ANTI-TAMPER.
7. A STAINLESS STEEL SURFACE MOUNTED HANDLE WITH A LOCKING FACILITY.

SEE DRAWING EDS 08-2110-13a FOR GRP KIOSK INSTALLATION DETAILS.

SEE DRAWING EDS 08-2110-13c FOR BRICK BUILT KIOSK INSTALLATION DETAILS.



TITLE

100-600A CUT-OUT ARRANGEMENTS
GRP KIOSK SPECIFICATION

SCALE 1:20

@A3

01/12/2025

Version

DRAWING NO.

EDS 08-2110-13b

09

STD

LV ELECTRICAL SERVICES