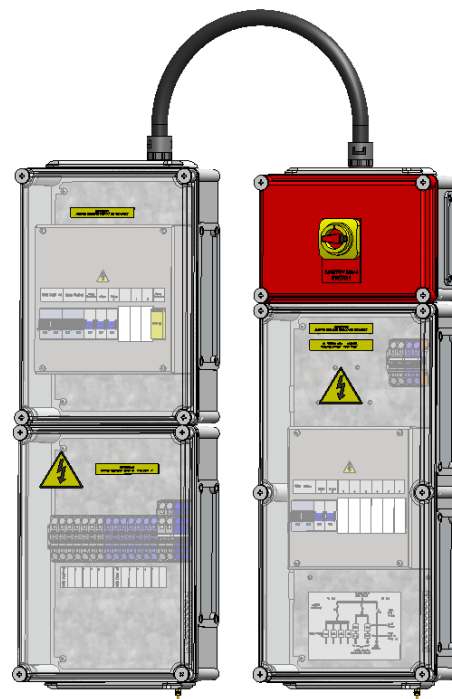


Highways MCX 170 Box

MCX 170 (Sheet 5) Box designed and manufactured in the UK for the UK market

- Top Left box and the Bottom Left box is 380 x 280 x 130
- Top Right box is 190 x 280 x 130
- Bottom Right Box is 560 x 280 x 130
- Grey box bases with Clear detachable lids and one red lid
- PDU on the left contains x1 100amp 2 pole MCB (600 circuit), x1 100amp 2 pole MCB (main breaker), x1 20Amp (For the Surge Protection), x1 20Amp, x1 16Amp MCB and the surge Protection device
- PDU on the left has 3 available circuits with 3 breaker spaces
- PDU on the right contains x1 100amp 2 pole MCB (main breaker), x1 20Amp and x1 16Amp MCB
- PDU on the right has 6 available circuits with 6 breaker spaces
- Robust and secure design

The highways MCX 170 is a complete build that has been tested and configured, ready to connect to your equipment, reducing the design effort for an operator and proving a proven and guaranteed system.



Physical characteristics

The mcx 170 is made up of four Fiboxes with a Flanged Base with screws for mounting plate. Each with a detachable, sealed lid with PUR gasket and polyamide cover screws. The overall dimensions for the left side is 280mm x 778mm x 130mm (W x H x D) and for the right side it is 280mm x 768mm x 130mm (W x H x D), this excludes the main earth stud on the base (36mm) and the Kopex.

The Top left Fibox contains two 100Amp 2 pole MCB breakers, on the left in the PDU, one (on the left) for the 600 circuit and the other (on the right) for the main switch, followed by two 20Amp MCB (one for the surge protection device) and one 16Amp MCB on the Right. These are enclosed with the PDU lid to provide basic protection, as per regulation 416.2 of BS7671, to act as a barrier to prevent contact with live parts.

The Bottom left Fibox contains Seven Live feed through terminals in a row and Seven Neutral feed through terminals in a row, on the left in the middle of the box. On the right of these terminals are two Live 3-way terminals and another two Neutral 3-way terminals. These have two jumper bars connecting both the Live terminals and both of the neutral terminals, these two jumper bars have a plastic top that provide basic protection, as per regulation 416.2 of BS7671, to act as a barrier to prevent contact with live parts.

The top right Fibox contains an isolator switch that controls the right side power, this feeds down to the right side PDU, in the Bottom right Fibox. This PDU contains a 100Amp 2 pole MCB breaker followed by one 20Amp MCB and one 16Amp MCB on the Right. These are enclosed with the PDU lid to provide basic protection, as per regulation 416.2 of BS7671, to act as a barrier to prevent contact with live parts.

The left two Galvanised plates are earthed to the earth block located at the bottom of the bottom left Fibox. The right two Galvanised plates are earthed to the earth block located at the bottom of the right Fibox.

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| Key Characteristics | |
| Materials | X4 Back plates - Galvanised steel X2 PDUs - 1.4003 Stainless Steel X4 Boxes - Polycarbonate |
| Finish | PDUs - semi gloss 00A09 Grey |
| Basic Information | |
| Dimensions | 130(d) 280(w) 778(h) excluding earth and the Kopex 130(d) 280(w) 768(h) excluding earth and the Kopex |
| Weight | 18kg |
| IP Rating | IP 66 |
| Web Site Code | 971-0001TL |