

**Highways MCX 165 Box**  
*MCX 165 Box designed and manufactured  
in the UK for the UK market*

- Top Left box is 380 x 280 x 130
- Bottom Left box is 380 x 280 x 130
- Right Box is 380 x 280 x 130
- Grey box bases with Clear detachable lids
- PDU on left contains x4 16Amp MCBs
- PDU has 3 available circuits with 5 breaker spaces
- Main breaker for PDU
- 600 circuit in the Right hand box
- Robust and secure design

The highways MCX 165 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 guar-



**Physical characteristics**

The mcx 165 is made up of three 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 398mm 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 a 100Amp main switch, on the left in the PDU, followed by four 16Amp MCBs 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 Right Fibox contains a single 100Amp breaker that controls the 600 Feed, this is covered 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 Galvanised plate is earthed to the earth block located at the bottom of the right Fibox.

Key Characteristics	
Materials	X3 Back plates - Galvanised steel X1 cover - 1.4003 Stainless Steel X1 PDU - 1.4003 Stainless Steel X3 Boxes - Polycarbonate
Finish	PDU and Cover - semi gloss 00A09 Grey
Basic Information	
Dimensions	130(d) 280(w) 776(h) excluding earth and the Kopex 130(d) 280(w) 398(h) excluding earth and the Kopex
Weight	14kg
IP Rating	IP 66
Web Site Code	970-0001TL