

## HDPE Mains Distribution

### AMF400Mc-1

#### Description

Three-phase Auto Mains Fail (AMF) unit allows automatic connection of a secondary electrical supply to a load upon failure of the primary. Mechanically and electronically interlocked AC1 rated contactors. No volt connection for remote Generator start. Auxiliary power supply for Generator battery charging or jacket water heater. 3 Position key switch for Auto, Generator run and Inhibit mains restore. Supply availability neon's for visual representation of status. Incoming supply adjustable undervolt and time delay relays for setting of individual supply parameters. All equipment housed in a polyethylene enclosure, with recessed Socket and Switchgear panels for mechanical protection. External brass earth studs. Complete unit mounted within a stainless steel crash frame with forklift pockets.

#### Enclosure

10mm thick 300-Grade High Density Polyethylene, offering good impact resistance, chemical resistance and high rigidity. Density of 0.96 g/cm<sup>3</sup>, less than 0.01% moisture absorption, impact strength of 10 kJ/m<sup>2</sup>, service temperature from -50 to +80°C, with greater than 10<sup>14</sup>Ω surface resistance. IP55 Rated.

#### Connections

	Termination	Protection
<b>Input 1 (Mains)</b>	400A 3P+N+E Powerlock Drain Connectors	400A 4 Pole Contactor
<b>Input 2 (Generator )</b>	400A 3P+N+E Powerlock Drain Connectors	400A 4 Pole Contactor
<b>Outgoing (Load)</b>	400A 3P+N+E Powerlock Source Connectors	N/A
<b>Aux</b>	16A 230V 3Pin IP44 Socket	16A 2 Pole 30mA RCBO

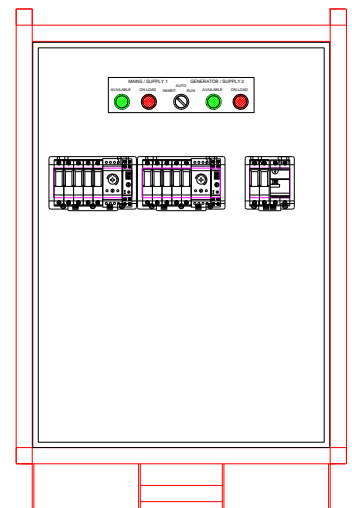
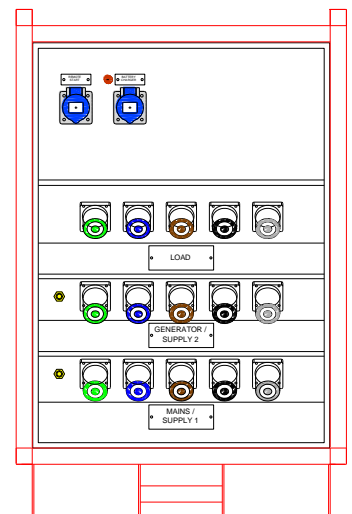
(All MCB's have C-Type trip curves. All RCD's and RCBO's are Type A)

#### Dimensions

H 942mm x W 612mm x D 495mm

#### Weight

80kgs



#### RENTAL CENTRES

**Scotland & North** ide Rental Ltd, Unit 8 Shawfield Trade Park, Rutherglen, Glasgow. G73 1DB Tel: 0141 647 0850

**The Midlands** ide Rental Ltd, Unit 4A & D, Zone 2, Burntwood Business Park, Ring Road, Burntwood, Staffs. WS7 3JQ Tel: 01543 674 759

**The South** ide Rental Ltd, Unit 13 Thurrock Trade Park, Oliver Road, Grays, Essex. RM20 3AL Tel: 01708 863 963

