

## Plug-in Site Electrics Equipment

The new range of **REFLEX Controlled Access** mains voltage site electrics equipment has been developed to meet the growing use on sites of plug-in site transformers, cabins, welding sets, etc.

To reduce the risk of essential loads from being unplugged, all mains voltage sockets and inlets are located behind hinged, padlockable doors, which can be locked shut once the plugs have been inserted into sockets.

**REFLEX CA** Mains Distribution Assemblies also incorporate a “hard wired” distribution facility to feed fixed equipment such as Tower Cranes, Hoists, Sub-Mains Distribution Assemblies, etc.

The basic range comprises:

- (i) Mains Distribution Assemblies rated at 125A, 200A and 400A fitted with a combination of MCCBs, MCBs, RCDs and up to 14 no. 16A or 32A socket outlets;
- (ii) Site Transformers, 10 kVA three-phase, fitted with a 32A 5P 400V appliance inlet and a 32A 5P 400V socket, as well as conventional 16A and 32A 110V sockets;
- (iii) Extension leads made from flexible, screened rubber cable, 6mm<sup>2</sup>, 5C c/w a 32A 400V 5P plug and connector.

Please Turn Over for full specifications.



**THE POWER PROFESSIONALS**

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# Specifications of Products Illustrated Overleaf

## Mains Distribution Assemblies

### R20 series

Free-standing, IP44, Mains Distribution Assembly manufactured in accordance with BS EN 60439-4 with controlled access to distribution socket-outlets.

Incomer - Up to 200A TP or 4P MCCB with or without variable RCD protection

### **Distribution**

#### *Option A*

Front - 8 way TP MCB pan assembly to accept up to 8 no. C60H series TP MCBs  
Rear - 4 no. 32A 5P 400V sockets each protected by a 32A TP Type "D" MCB and a 40A, 4P, 30 mA RCD  
8 no. 32A 3P 230V sockets each protected by a 32A SP Type "C" MCB and a 40A, 2P, 30 mA RCD

#### *Option B*

Front - 2 no. TP or 4P MCCBs rated at up to 160A, with or without variable RCD protection  
Side - 8 way TP MCB pan assembly to accept up to 8 no. C60H series TP MCBs. Pan mounted in a separate enclosure (not illustrated)  
Rear - 4 no. 32A 5P 400V sockets each protected by a 32A TP Type "D" MCB and a 40A, 4P, 30 mA RCD  
8 no. 32A 3P 230V sockets each protected by a 32A SP Type "C" MCB and a 40A, 2P, 30 mA RCD

In both options a total of 14 sockets can be fitted, rated at 16A or 32A, 230V or 400V, 3P or 5P.

## Site Transformer

### RTA series

Free-standing, IP44 Site Transformer manufactured in accordance with BS 4363:1998 with controlled access to 400V connectors.

Incoming - Fitted with a 32A 400V 5P Appliance Inlet and Through Socket  
Primary MCB - 16A TP Type "D" MCB  
Rating - 10 kVA three-phase, continuously rated  
Voltage Ratio - 400:110V, Delta Star, providing a Reduced Low Voltage Supply to BS7671  
Sockets - 2 no. 32A DP MCBs feeding 2 no. 32A 3P 110V sockets  
4 no. 16A DP MCBs feeding 4 no. 16A 3P 110V sockets  
2 no. 20A DP MCBs with 20mm glands for direct connection to lighting circuits

## Extension Leads

### RXL series

Comprising 10 and 20 metre lengths of 6mm<sup>2</sup>, 5C, screened, tough rubber cable with a distinctive orange outer sheath. The cable is fitted with a 32A 5P 400V IPX4 Plug and Coupler and the copper wire screen is earthed within the plug. Leads can also be fitted with IPX7 connectors.

Extension leads made from HO7 or SY Cable can be supplied to feed cabins and other static loads.

### **IMPORTANT**

Please note: on Construction Sites portable mains voltage equipment fitted with 16A and 32A plugs must be protected by a 30 mA RCD at source.

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