

## Single Point Distribution Assemblies

SP units are factory built assemblies that can incorporate: 110V sockets; 230V and 110V sockets; or 230V, 110V and 24V sockets. To simplify installation and reduce time on site they are supplied fully wired and fitted with transformers, switchgear, sockets, etc. Versions are available for internal installation (IP20) or external installation (IP55). The transformers can incorporate 230V or 240V primary windings (see table below for the different item numbers).

### Enclosure

Manufactured from sheet steel with a phosphate pre-treatment followed by polyester powder coating, shade Dark Admiralty Grey. Available in IP20 (indoor) or IP55 (outdoor) versions. Enclosures are wall mounting with removable wall brackets that can be repositioned on site for floor mounting applications.

### Incoming Terminals

To loop-in / out 2 x 6mm<sup>2</sup> conductors (the overcurrent protection at source should not exceed 32A).

### Incoming Switchgear (not fitted to assemblies with 110V sockets only)

Fitted with a 32A DP switch disconnecter (the switch does not control the loop-out feed)

### Distribution - 230V / 240V

Fitted with a 40A DP 30 mA Class A RCD (sensitive to both pulsating DC and AC fault currents) feeding twin 13A sockets (IP20 metal clad or IP56 moulded)

1 no. 10A SP Type "D" MCB feeding a 2 kVA transformer with a 110V Reduced Low Voltage secondary. Also available with the addition of a 24V Separated Extra Low Voltage tertiary winding (1750VA @ 110V and 250VA @ 24V).

### Distribution 110V

1 no. 16A DP Type "C" MCB feeding 2 no. 16A 2P+E 110V sockets to BS EN 60309-2.

### 24V Distribution

1 no. 10A DP Type "C" MCB feeding a 16A 2P 24V socket to BS EN 60309-2.

Outdoor units incorporate sockets with a minimum rating of IP56.

### Reference Numbers

Item No.	IP Rating	Sockets	Supply Voltage
S260166	IP20	Twin 240V, 2 x 110V	240V
S260167	IP20	Twin 240V, 2 x 110V, 1 x 24V	240V
S260168	IP55	Twin 240V, 2 x 110V	240V
S260169	IP55	Twin 240V, 2 x 110V, 1 x 24V	240V
S260170	IP20	Twin 230V, 2 x 110V	230V
S260171	IP20	Twin 230V, 2 x 110V, 1 x 24V	230V
S260172	IP55	Twin 230V, 2 x 110V	230V
S260173	IP55	Twin 230V, 2 x 110V, 1 x 24V	230V
S260174	IP20	2 x 110V	230V
S260175	IP55	2 x 110V	230V



Item S260166 - 240V and 110V Sockets

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