

## Power, voice and data accessories

### General

MT32 13Amp pre-wired sockets, Marshall-Tufflex BS 1363 power assemblies and voice and data boxes for Marshall-Tufflex PVC-U and aluminium trunking systems (except Sovereign Plus and steel systems) Trunking accessory mounting boxes.

### Installation

#### MT32 pre-wired socket range

##### Fitting

- Plug in incoming pre-wired lead (from previous socket or distribution board) to appropriate connector mounted in socket assembly box.
- Connect selected pre-wired lead to outgoing connector mounted on opposite side of socket assembly box.
- Clip complete assembly into trunking compartment.
- When trunking cover is fitted, it should be slid between back box frame and the loosened accessory face plate.
- Front plate is then fully tightened down to clamp accessory in place.
- For pre-made close coupled assemblies, use lid spacer (ES1WH) between boxes.

#### MT32 system with non-Marshall-Tufflex socket assemblies

##### Fitting

- For non-Marshall-Tufflex accessories, use pre-assembled outlet box unit.
- Connect cable tails to accessory in accordance with wiring regulations and fit accessory to back box.
- Connect pre-wired incoming and outgoing leads and fit to trunking (as above).
- For close coupled assemblies, use lid spacer (ES1WH) between boxes.

#### Marshall-Tufflex BS 1363 power assemblies (sockets, switches, spur units)

##### Fitting

- Remove front cover from assembly.
  - Front fix accessories: remove the two securing screws
  - Flush finish accessories: unclip from back box.
- Remove appropriate knockout/s for wiring.
- Wire according to wiring regulations.
- Re-assemble accessory and re-fit face plate.
- Clip complete assembly into trunking compartment.
- For close coupled assemblies, use lid spacer (ES1WH) between boxes.

#### Voice and data outlet modules (punched 6c 22 x 37mm apertures to accept appropriate voice or data outlets)

##### Fitting

- Remove front cover from assembly.
  - Front fix accessories: remove the two securing screws.
  - Flush finish accessories: unclip from back box.
- Fit appropriate voice or data outlets.
- Wire according to manufacturer's instructions.
- Re-fit face plate.
- Clip complete assembly into trunking compartment.
- For close coupled assemblies, use lid spacer (ES1WH) between boxes.

#### Trunking accessory boxes for mounting standard BS 1363 wiring accessories and Data plates

##### Standard boxes

- 1 gang fixing centres: 60.3mm
- 2 gang fixing centres: 120.6mm
- Depth: 30mm

##### Fitting

- Remove appropriate knockouts.
- Feed cables through knockout.
- Wire to accessory in accordance to wiring regulations and manufacturer's instructions.
- Screw accessory to box.
- Clip complete assembly into trunking compartment.

##### Adjustable boxes – two part

- 1 gang fixing centres: 60.3mm
- 2 gang fixing centres: 120.6mm
- Depth: 32 - 50mm

##### Fitting

- Remove appropriate knockouts.
- Feed cables through knockout.
- Wire to accessory in accordance to wiring regulations and manufacturer's instructions.
- Screw accessory to box front frame.
- Press (ratchet) both components together until required final box depth is reached.
- Clip complete assembly into trunking compartment.

### Screening

- Boxes available with copper spray screening to protect data outlets from electromagnetic interference.

### Part M boxes and box assemblies

- Comply with the requirements of Part M (DDA)
- Odyssey coloured boxes (DD1510 and DD1520) with coloured flanges to contrast with trunking cover colour.
- ESPM box assemblies with contrasting coloured flush accessory box frames. For colour varieties please view the perimeter trunking pages.

### Adjustable accessory box depth by product range

	Maximum adjustment range	Page Reference
<b>PowerPoles and PowerPosts</b>		
Series 1 and 2	32 - 40mm	94
<b>PVC-U Perimeter Trunking</b>		
Mono 10	32 - 40mm	109
Compact 1	32 - 40mm	115
Compact 2	32 - 40mm	117
Compact 3	32 - 40mm	119
Mono Plus 20	32 - 40mm	111
Mono Plus 30	32 - 40mm	113
Twin165	32 - 47mm	149
Sterling Profile 1 - 3	32 - 45mm	122
Sterling Curve	32 - 40mm	128
Odyssey	32 - 40mm	106
Twin Plus	32 - 47mm	151
Sterling Profile 4 - 13*	32 - 45mm	134
XL Trunking 201 - 203	32 - 47mm	141
XL Trunking 211 - 213	32 - 47mm	145
<b>PVC-U Trunking</b>		
Bench Trunking	32 - 47mm	173
<b>Aluminium Trunking</b>		
Bench Trunking	32 - 47mm	199
Elegance 110	32 - 40mm	180
Elegance 170	32 - 40mm	182
Sterling Profile 3001 - 3003	32 - 40mm	184
Twin Plus	32 - 47mm	196
XL Trunking 301 - 303	32 - 47mm	188
XL Trunking 311 - 313	32 - 47mm	192

\*Sterling Profile 4 - 13  
The EAB1/2 can be adjusted to 45mm in the main compartment only. Where the EBE1 Base Extension is used the maximum adjustment achievable is 40mm

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Product Information