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 BS1363 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
PowerPoles and PowerPosts		
Series 1 and 2	32 - 40mm	97
PVC-U Perimeter Trunking		
Mono 10	32 - 40mm	112
Compact 1	32 - 40mm	118
Compact 2	32 - 40mm	120
Compact 3	32 - 40mm	122
Mono Plus 20	32 - 40mm	114
Mono Plus 30	32 - 40mm	116
Twin165	32 - 47mm	152
Sterling Profile 1 - 3	32 - 45mm	127
Sterling Curve	32 - 40mm	133
Odyssey	32 - 40mm	109
Twin Plus	32 - 47mm	154
Sterling Profile 4 - 13*	32 - 45mm	141
XL Trunking 201 - 203	32 - 47mm	145
XL Trunking 211 - 213	32 - 47mm	149
Aluminium Trunking		
Bench Trunking	32 - 47mm	182
Elegance 110	32 - 40mm	163
Elegance 170	32 - 40mm	165
Sterling Profile 3001 - 3003	32 - 40mm	168
Twin Plus	32 - 47mm	180
XL Trunking 301 - 303	32 - 47mm	172
XL Trunking 311 - 313	32 - 47mm	176
PVC-U Domestic and General Trunking		
Bench Trunking	32 - 47mm	210

*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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