

TOFCO PASSIVE SAFETY KIT (TPSK - SAFE)

The **TPSK-SAFE** provides electrical disconnection from the power supply upon impact of a column, post or sign, even if the supply cable is tethered. Electrical disconnection is achieved via the disconnection of the Snatch Plug system.

The **TPSK-SAFE** ensures that when a column/post/sign is knocked over the supply to it is terminated.

It is designed for use with all passive safety products but particularly recommended for **NE** (non energy absorbing) items.

TOFCO Passive safe electrical disconnection systems comprise the following five main components, with a variety of options to meet your specification.

- Cable Termination Box with pre-wired Din-rail mounted switchgear.
- Cable Glands for Armoured & Non Armoured Cables.
- Snatch Plug Cable system.
- TOFCO Fuse Unit / Isolator to BS7654 : 1997, BS EN 60947-3.
- Underground Cable Chamber.

ENCLOSURE FOR CABLE SIZES UP TO 16mm² SWA



- 1 Underground cable chamber with duct access.
- 2 Fixing eye bolt for attaching snatch plug cable.
- 3 Termination enclosure compliant to IP68 rating.
- 4 IP68 BW Corrosion guard captive cone gland for steel wire armoured cable.
- 5 IP68 Compression gland.
- 6 Adjustable height shelf can be fitted in vertical or horizontal position (removable for installation).
- 7 Double Pole switch disconnecter & BS88 Fuse protection.
- 8 Terminal Blocks to terminate supply cable.
- 9 IP68 Snatch Plug & Socket System to comply with BSEN 12767:2007.
- 10 Double Pole Column Isolator Unit manufactured to comply with BS60947-3.

CABLE TERMINATION BOX

The termination box illustrated is manufactured from impact, corrosion and UV resistant glass reinforced polyester compound.

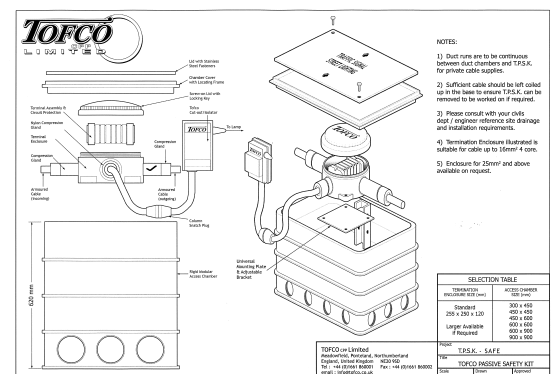
The screw-on lid allows ease of installation, locked with the special key prevents unauthorised tampering.

The box offers 1,2,3 and 4 way versatility and comes standard configured for three way cable termination, plus one blank plate option for an additional snatch plug cable connection.

An internal earth ring, connecting the four cable gland entries and steel din rail, achieves Earth continuity.

A bonded steel back plate secures the din rail, which carries a variety of cable terminals to allow the termination of the incoming and outgoing cable, whilst the TOFCO double pole switch and fuse arrangement provide protection for the outgoing snatch plug cable.

The Termination Box is available with a range of protection options for the outgoing Snatch Plug :- **BS88 fuses, MCB, RCD, RCBO and Time Clock** options.



Please ensure minimum cable bend radius is achieved when selecting size of chamber.

10/12/10