

TOFCO PASSIVE SAFETY KIT (TPSK - SAFE)

CABLE GLANDS

The **TPSK** will come complete with glands for looping cables and column take off cable, plus a fourth cable option to sign or bollard, where required.

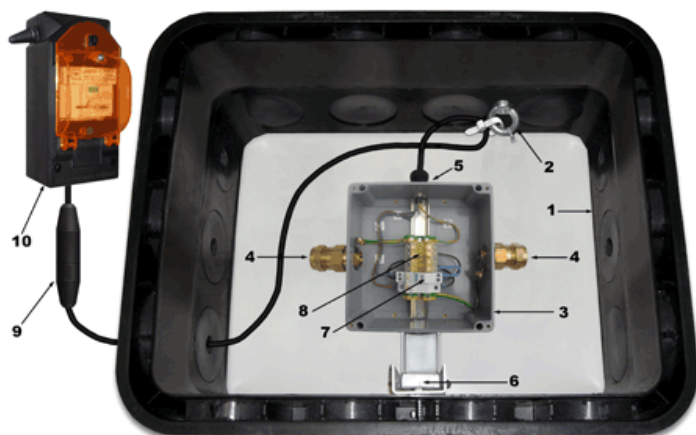
SNATCH PLUG CABLE SYSTEM

The **TPSK "Snatch Plug Cable System"** is a 3 pin 16amp rubber sheathed male (2 metre length) & female (4 metre length) snatch plug assembly in standard format – other lengths available upon request. It is designed to disconnect if the Passively Safe Support Structure i.e. column or signpost, is knocked over.

A drawstring is fitted to the female end of the snatch connector to allow the cable joint to be pulled up to the column door for visual inspection.

Installation guidelines need to be followed regarding the clamping of the excess cable within the chamber and the fixing of the cable within the passive structure.

ENCLOSURE FOR CABLE SIZES 25mm² and 35mm² SWA



- 1 Underground cable chamber with duct access.
- 2 Fixing eye bolt for attaching snatch plug cable.
- 3 Termination enclosure compliant to IP67 rating
- 4 IP68 RC2K Brass gland
- 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 up to 35mm² SWA 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

TOFCO FUSE UNIT / ISOLATOR to BS7654, BS EN 60947-3

The full range of TOFCO Fuse-Units and Isolators are available to be mounted within the Column or Signpost.

As standard we offer two options, pre-wired via a stuffing gland, with two metres of 3 core flex, connected to the male end of the snatch connector -

- TOFCO F144 double pole, single fused cut-out unit with earth.
- TOFCO DPI - 32amp switched double pole, single fused isolator with earth.

UNDERGROUND CABLE CHAMBER & ADJUSTABLE SHELF

The Chamber consists of 155mm high sections, in a variety of widths & depths, to accommodate your cabling requirements.

Cable entry is gained via a number of knock-outs which will accept cable ducts.

A ductile iron cover and frame badged "**Street Lighting**" comply to the 12.5 / 40 tonne vertical load HWA requirement for passive safe installations, without the presence of a crash barrier, connected to the male end of the snatch connector -

Within the chamber the Cable Termination Box can be mounted on the unique TOFCO adjustable shelf system in either the vertical or horizontal planes.

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