



Ritherdon PolePlug Range

TECHNICAL DATA SHEET

The Ritherdon Poleplug Range is the safest and easiest-to-maintain cable coupling system for the Ritherdon Passively Safe Cabinet, passively safe traffic poles and other breakaway equipment. This snatch plug cable system is ideal for use in passively safe poles and cabinets requiring emergency disconnection of the power supply cables. Should the signpost, lighting column or Ritherdon Passively Safe Cabinet shear on impact, the pole is not tethered in any way by the supply cables.



Figure 1 – Ritherdon Poleplug Connectors

The Breakaway PolePlug range is available in 2, 3, 5, and 16 pin sizes. The electrical connectors are designed and supplied as factory moulded plug and socket to provide dust and waterproof IP68 joint, submersible to 6 feet of water when capped or mated. The plug is supplied with a cable tie for fixing to back board with access through door aperture and the socket is supplied with a cable cleat for fixing cable access across duct entry within the access chamber pit. The Poleplug has a maximum rating of 20 Amp, 1000 volts and has a crush proof body.

All PolePlug connectors have undergone rigorous testing and comply with the requirements of BS EN 60309-1, IEC 60309-1 and BS EN 60309-2 IEC 60309-2.

Key Features

- **IP68 Rating** – Protected against dust and water ingress according to BS EN 60529:1992 + A2:2013.
- Rated to handle 20A & 1000V
- Available in 2, 3, 5, and 16 pin sizes.
- Standard cable lengths are 4/2m, 4/4m, 4/6m, 6/2m, 6/4m (Female/Male).
- Crush-proof body.
- Can be used in the Ritherdon Passively Safe Cabinet Range.
- 20 Year Design Life
- Mitigates many of the risks associated with vehicle-roadside equipment collisions.
- Reduces the possibility of electrocution to accident victims, rescue personnel and pedestrians.
- Eliminates damaged splices in adjoining poles.
- Avoids delayed rescue efforts attributed to exposed wires.
- Allows other lighting columns on the circuit to continue illumination.
- Submersible therefore can be pulled through flooded ducting.
- System maintenance is quick and simple.

Please contact our technical team if you require a more detailed report of the testing or if you have any other questions and would like to discuss any aspect of this data sheet.