



EC DECLARATION OF CONFORMITY



Manufacturer

Phase 3 Connectors Limited
61 Nasmyth Road
Southfield Industrial Estate
Glenrothes
Fife
Scotland
KY6 2SD

Product Description:

This declaration of conformity made under the requirements of the Low Voltage Directive 2014/30/EU, relates to PSB sequential mating boxes and their related plugs and sockets known as Powersafe connectors. These devices are designed to be utilised in temporary or permanent power distribution applications. Powersafe connectors are primarily designed to allow for safe and efficient connection of power cables between the power source and appliance. PSB sequential mating boxes utilise the Powersafe connector series and allow for controlled and sequenced connection of power to an appliance.

Powersafe connectors have been tested and certified to ensure the product integrity. The main features are current ratings up to 800Amp, keyed and colour coded design to prevent connection errors, watertight construction to IP67 when mated (Standard PSB Sequential Boxes are IP32 Unmated, The Lidded version is IP67) and protective devices to prevent electric shock.

Harmonised, National and Manufacturers Standards

There is no European harmonised specification specific to sequential coupling devices or 800amp rated single pole connectors. To ensure the safety and operational characteristics of the Powersafe design, Phase 3 Connectors Ltd, implemented a test program based on recognised European Harmonised and National test specifications of similar devices, utilising recognised test methods.

EN60309-1 1999

Plugs, socket- outlets and couplers for Industrial purposes.

BS5550 7.5.4-1981

Cinematography, specification for single pole high current plugs and socket connectors.

DIN EN 61984; VDE 0627:2009-11

Connectors - Safety requirements and tests (IEC 61984:2009)

IEC529/EN60529

Specification for degrees of protection provide by enclosures

UL498

Attachment Plug and Receptacles

IEC60900:2018

Live Line Working, hand tools for use up to 1000Vac and 1500Vdc

Authorised Signatory for Phase 3 Connectors Ltd: Mr. Derek Maclachlan
CE marking affixed 14

Signature

Derek Maclachlan

General Manager

Date

11/09/2018

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