

LED Transfer Switching Unit Single Output



Features

- ▶ Solid state electronics improve the life expectancy of the unit.
- ▶ High efficiency - low power drain from series circuit
- ▶ Individual switching of lamps powered from same source
- ▶ Galvanic isolation of the signal input and power switching circuits
- ▶ Fully encapsulated in chemically resistant potting compound improves reliability of the unit by protecting against acids, alkalis, oil and mishandling.
- ▶ H07RN flexible power and control cables with heavy duty OFR (Oil resisting Flame Retardant) outer sheath.
- ▶ Operating temperature -20°C to +55°C. Relative humidity 0-100%.
- ▶ Protection to IP68
- ▶ Switching power up to 85W
- ▶ Power consumption – maximum 3W

Compliance with standards

- ▶ EMC EN6100-6-4:2007 & EN55011:2007 +A1:2007
- CE marked

Applications

The atg airports range of Transformer Switching Units (TSU) for LED fittings are solid state electronic switches, designed to switch individual AGL fittings and shunt the secondary winding of the series isolating transformer.

TSU/S/200/OFF/1, SLC 043101 - "FAIL OFF" type Single TSU's shunt and turn off the lamp when no control signal is present. These are suitable for lead-on lights.

TSU/S/200/ON/1, SLC 043102 - "FAIL ON" type Single TSU's shunt and turn off the lamp on application of the control signal. These are generally used for stop bars.

This is only a guideline for usage only since the correct application depends on local circumstances and must be determined by the customer.

Electrical Supply

- ▶ AC Switched Circuit: 2.8 – 6.6A RMS continuous
- ▶ Signal Switching Circuit - controlled by a nominal 24 to 50V AC/DC control signal to switch the lamp (operating range 16 to 60V)

Connections

- ▶ Control Cable – 2 off 2 core 2.5mm² cables which are connected in parallel within the switching unit. Length: 500mm, Maximum OD: 13mm. The cables are not fitted with plugs or sockets, and require terminating.
- ▶ Power Input Cable - moulded 2 pin plug (male) and coloured function label – Blue for fail to OFF, Red for fail to ON.
- ▶ Power Output Cable – moulded 2 pin socket (female)

Weights & Dimensions

- ▶ 1.1kg
- ▶ 155mm x 60mm with 0.5 metres of cable



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