

Application

- power supply for parallel lighting circuits

Certificate basis

- ICAO - AERODROME DESIGN MANUAL - Part 5

Description/Properties

- intended for use with lights of the series ML xxx HP
- air-cooled transformer 2,8 kVA
- control by switches on distributor's front panel
- regulation to 3 steps of intensity
- possibility of control of up to 3 loops
- outdoor execution
- mounting on wall or supporting structure
- remote and local control
- remote signalling of operational and failure states
- easy maintenance
- economically advantageous for smaller lighting systems

Mechanical parameters

- dimensions 600×800×300 mm
- surface finish grey baking enamel
- grey colour RAL 7032
- mass 80 kg

Elektrical parameters

- supply voltage 208/220/230/240 V
- tolerance of supply voltage +5 %/-10 %
- frequency 50/60 Hz
- nominal voltage of parallel distribution 230 V
- voltage regulation 3 steps of intensity
- output power 2,8 kVA
- efficiency min 95 % at rated power
- current (thermal) protection 120 % of rated power
- number of controlled loops 1/2/3
- max length of loop at load of 50–100 % (0,9–1,8 kVA) 100 m
- max length of loop at load of to 50 % (0,9 kVA) 200 m

Operating conditions

- protection (in working condition) IP 54
- temperature range -35 (-55 optionally)/55 °C
- storage temperature - 20/+ 50 °C

**Type designation****TRP.1.x**

Number of controlled loops

- 1 one loop
- 2 two loops
- 3 three loops

Upon request it is possible to manufacture a custom-made execution for av different voltage.

chapter:

4.1

TRP.1.X

