

Product Data Sheet - DPVRF1/H/UC/01 Phase Angle Power Regulator



- Phase Angle Power Regulator, designed for single -phase 230VAC
- · The load current can be up to a maximum of 17A
- This module gives full adjustment of the output voltage form 0-98% of the load (scale plate included)
- An in-house large triac enables the unit to handle high inrush currents
- Easy from panel mounting via a single hole and locknut arrangement

Front view Side view HEAT SINK PANEL 31.3 48.00 LIVE FUSE INPUT(LIP) OUTPUT(OP) LOAD NEUTRAL EARTH

Features:

Output variable from 0-98%

Load current up to 17A*

On/Off switch included

Easy installation

Applications:

Quartz lights

Resistive heating elements

Oven heaters

Industrial dryers

^{*} If load current is more than 5A@70°C, then suitable external heat sink is necessary.

| Stage | Characteristics | Units | Specification Value |
|--------|--|--------|------------------------|
| INPUT | Input Method | - | Pot with on/off switch |
| | Load Voltage | VAC | 230 |
| | Rated Load Current | Amps | 17 |
| | Deviced Used Rating | Amps | 40 |
| | Max Load at 20°C Ambient (without extra heat sink) | А | 10 |
| | Max Load at 20°C Ambient (with external heat sink) | А | 17 |
| | Switching Device | - | Triac |
| OUTPUT | Max Off State Leakage Current (RMS) | mA | 10 |
| | Max On State Voltage Drop (RMS) | VAC | 3.5 |
| | Minimum Load Current to Maintain 'On' | mA | 80 |
| | Surge Current Peak (ITSM) @tp=10msec & Tj=25°C | А | 250 |
| | Transient Protection (Static dv/dt not to exceed blocking voltage) | V/µSec | 250 |
| | Blocking Voltage (peak-vdrm) | VAC | 800 |
| | Storage Temperature | °C | -40 to +100 |

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In accordance with our policy of continued development we reserve the right to alter design and specifications without prior notification

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