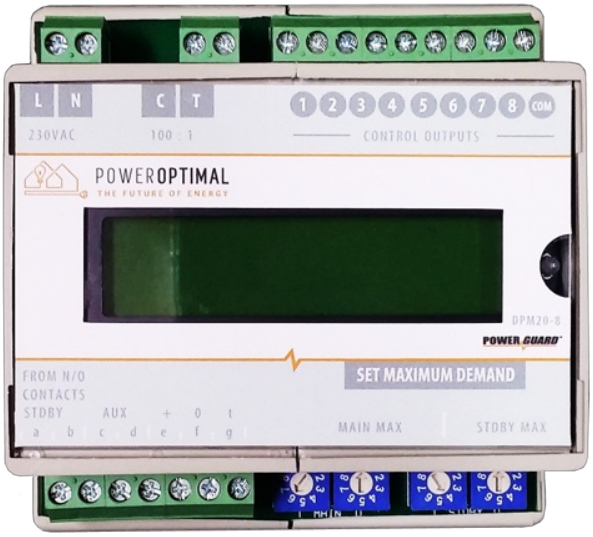
PowerOptimal PowerGuard DPM20-8 specification

INTRODUCING THE PowerGuard® DPM20-8



The eight channel PowerGuard DPM20-8 caters for larger homes, single or three phase, that suffer electrical trips because of marginal supply. Dual maximum current settings allow demand control of utility as well as standby (generator or UPS) power.

This unit is designed and manufactured in South Africa.

SPECIFICATIONS

INPUT

Power usage is measured by a current transformer (included) on the main incoming line.

CONTROL & PROGRAMMING

The eight switch elements (PowerGuard RL20-1) are modular and are controlled from the control unit (DPM20-8) via low voltage signals. Various hierarchies are available for loads with different requirements such as geysers and air conditioners. External input for utility override.

DISPLAY

LCD display shows total current drawn as well as active switching elements.

SPECIFICATIONS

- One to eight x 20 Amp control contacts
- Operating voltage: 230 Volts AC
- Power consumption: <5 Watt to < 15 Watt, depending on number of channels
- Operating range: 180 to 280 Volts AC
- Maximum input voltage: 420 Volt AC, indefinitely
- 6 kV impulse test
- Conforms to SANS 10142
- Controlled loads will be disconnected outside operating voltage range for protection
- DIN rail mounted
- Screwdriver current setting from 1 to 99 Amps

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