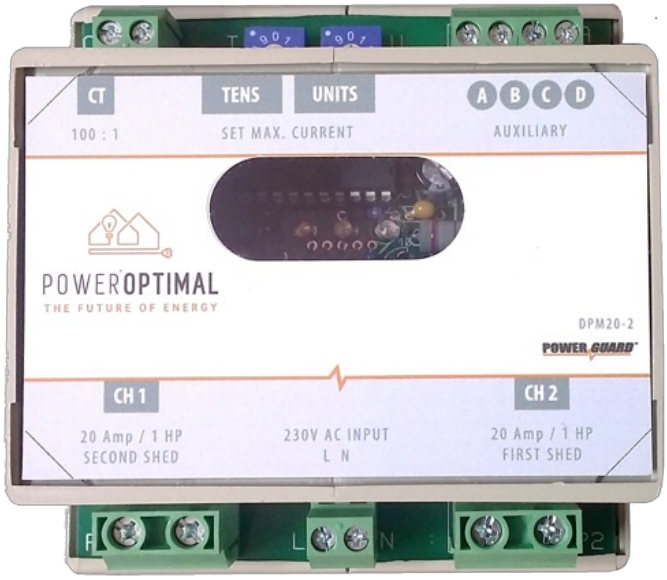
PowerOptimal PowerGuard DPM20-2 specification

INTRODUCING THE PowerGuard® DPM20-2



The two channel PowerGuard DPM20-2 demand manager caters for the average middle-class underpowered home with one or two geysers, pool pump and one or two air conditioners.

This installation is typically powered from a single phase 230 Volt AC @ 63 Amp supply.

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

PowerGuard will manage two independent loads according to a fixed hierarchy in order to avoid over-current trips during high electrical usage. External utility override input.

DISPLAY

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

SPECIFICATIONS

- 2 x 20 Amp control contacts
- Operating voltage: 230Volts AC
- Power consumption: <3Watt
- 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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