PowerOptimal PowerGuard CPM20-1W specification



INTRODUCING THE PowerGuard® CPM20-1W

PowerGuard's CPM20-1 was developed as a modular cost effective 20 Amp load shed receiver to implement savings on demand sensitive bills as well as for installations that do not have enough power. The unit is particularly suited to control individual geysers in complexes, hotels and lodges.

This certified unit is designed and manufactured in South Africa.

SPECIFICATIONS

INPUT

Shed requests are received via a polarity insensitive low voltage short circuit proof signal generated by the PowerGuard CPM-3PC or CPM-3PC Mk 2.

CONTROL & PROGRAMMING

Progressive load restoration assists with ''cold pick up'' situations following supply interruptions. Control criteria are switch programmable in order to avoid the need for laptops or specialised software.

DISPLAY

LEDs indicate shed status as well as processor heart-beat, control signal presence and condition of incoming supply for easy monitoring.

SPECIFICATIONS

- An over- and under voltage feature protects all affected loads by disconnecting them during potentially harmful voltage situations.
- Standard single phase 230 Volt AC supply, <5 Watts
- Control input is opto-coupled to eliminate ground loops and elevated neutral spreads during faults
- Port hole in cover to observe shed status as well as control activity.
- Output is potential-free 20 Amp relay contact
- Housing dimensions are 160L x 80W x 55H mm
- Weight 0.6 Kg
- Conforms to SANS/IEC 60669

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