# RM8
## Relay Extension Module

## Features

- Compact module, plugs-in to the left of the PQube 3/PQube 3e

- Auto detected by the PQube 3

- Provides 8 individually programmable relays (signal relays)

- Allows load shedding to limit power consumption (Watts or VA)

- Incremental Multi-level shedding, up to 8 thresholds

- Monitors up to 4 circuits

## Overview

Turn your PQube 3® into a powerful controller, and command the shedding of loads to protect your main distribution circuit from tripping.
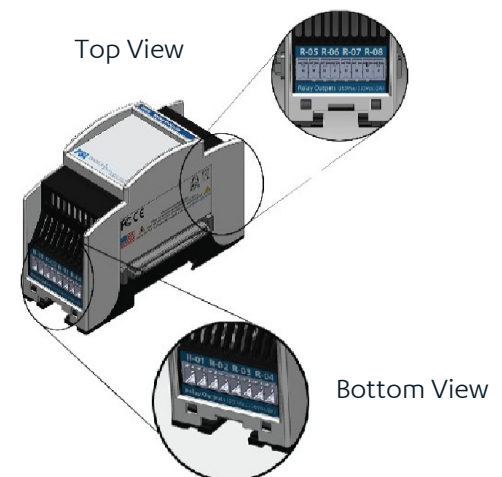
Snaps easily to your PQube 3/PQube 3e and has 8 fully programmable relays*

Customize your load shedding scheme, by assigning incremental thresholds, or by applying the scheme to protect up to 4 circuits. The PQube 3 Power Analyzer measures, reports in real time and records the power, VA, VARS and power factor of all the circuits monitored.

* Note: The RM8 module needs to be declared in the PQube 3 configuration.

Top View

Bottom View

## SPECIFICATIONS

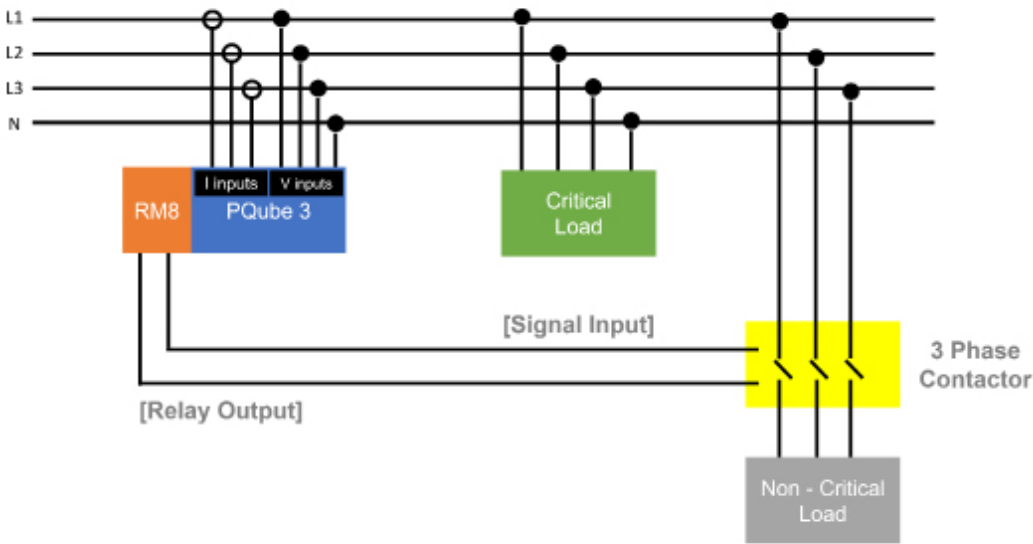| RELAY MODULES | |
|---|---|
| Number of Relays | 8 relays, 4 on each side of module |
| Type of Relays | Latching relays |
| Dimensions (LxWxH) | 3.52 X 1.43 X 3.08 in (8.950 X 3.632 X 7,824cm)<br>Width includes interface connector: 1.78 in (4.536 cm) |
| Installation | DIN rail mountable |
| Rating | 2 Amps max. at max, 60Vdc/30Vac |
| Operate Time | <20ms |
| Default State | User defined: Normally Closed (NC) or Normally Open (NO) |
| **PROGRAMMING** | |
| Trigger Parameter | On Active Power (Watts) or Apparent Power (VA) – parameters are averaged over 1 sec |
| Trigger Condition | Over/under a configurable threshold |
| Operation | The relay activates upon exceeding the threshold condition, remains active as long as the condition persists |

### WIRING
For Monitoring With One 3-Phase Circuit



## Contact us

info@powerside.com
powerside.com

### Canada
7850 Trans-Canada Highway
Saint-Laurent (QC) H4T 1A5
1 (877) 333-8392

### United States
980 Atlantic Ave
Alameda (CA) 94501
1 (888) 736-4347