



**GENERAL MONITORS**  
Protection for life.

**Model RK002**

**Rack and Panel Mounted Chassis**



**Description**

The Zero Two Series Chassis is available for 4, 8 or 16 Zero Two Modules and one FM002A Facilities Module. The RK002 may be rack or panel mounted, the latter being supplied with a bezel.

There is a bus on the RK002 which allows all the Zero Two Modules to be connected to the Facilities Module via common bussed features which are as follows:

- 24 VDC Positive Supply Voltage
- Common System Ground
- A1 Alarm Level 1 Output
- A2 Alarm Level 2 Output
- Fault Malfunction
- Accept Alarm Accept
- UA Alarm Unaccepted / Acknowledged Output
- Reset Master Reset
- Inhibit Alarm Outputs Inhibited

**System Specifications**

- Available Chassis:** 4, 8 or 16 channel rack or panel mounted
- Electrical Classification:** General purpose, non-hazardous locations
- Warranty:** Two Years
- Approvals:** CSA, CE Marking

**Environmental Specifications**

- Temperature Range:** 0°F to 150°F (-18°C to 66°C)
- Storage Temperature Range:** -40°F to 150°F (-40°C to 66°C)
- Humidity:** 5 to 100% RH, non-condensing

**Mechanical Specifications**

***Rack Mounted-***

- Height:** 7.08" (180mm)
- Width:**
- 4 Channel** 6.1" (155mm)
  - 8 Channel** 11.1" (257mm)
  - 16 Channel** 18.1" (460mm)
- Depth:** 9.625" (244mm)

***Panel Mounted-***

- Height:** 9.44" (239.8mm)
- Width:**
- 4 Channel** 7.24" (184mm)
  - 8 Channel** 11.25" (286mm)
  - 16 Channel** 19.25" (489mm)
- Depth:** 9.625" (244mm)

**Standard Configuration:** RK002-16-1-2 (16 channel, rack mount)



## MODEL PS002

### Power Supply Module

#### Description

The Power Supply Module (PS002) provides a system with sufficient power to operate twelve channels of Zero Two Series Modules and their field devices.

The PS002 slides into four channel slots and supplies the buss with +24VDC. On the rear of the PS002, connections are provided for AC voltage in (line or neutral), for DC voltage in (battery backup), and for DC voltage out (+24VDC). On the front panel there is a green LED for a Power ON indication.

#### System Specifications

*The PS002 requires four channels of chassis space per Module and is not available in Europe.*

#### Available

**Chassis:** 4, 8 or 16 channel rack or panel mounted

#### Electrical

**Classification:** General purpose, non-hazardous locations

**Warranty:** Two Years

#### Environmental Specifications

#### Temperature

**Range:** 0°F to 150°F  
(-18°C to 66°C)

#### Storage

**Temperature Range:** -40°F to 150°F  
(-40°C to 66°C)

**Humidity:** 5 to 100% RH, non-condensing

#### Electrical Specifications

#### Input

**Power:** 117 VAC @ 50/60 Hertz  
230 VAC optional

#### Output

**Power:** The PS002 can provide 24 VDC (6.0 Amps) for up to 12 channels of Zero Two Modules with field devices

#### Mechanical Specifications

**Height:** 6.825" (173mm)

**Width:** 4.0" (101mm)

**Depth:** 9.9" (251mm)

**Weight:** 5.75 lbs. (2.6 kg)

#### Standard

**Configuration:** PS002-1

*Specifications subject to change without notice.*

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