



**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:** **RK02-000-000-302**  
*(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)

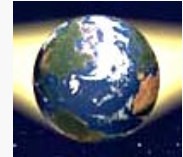
**Weight:** 5.75 lbs. (2.6 kg)

**Standard Configuration:** PS02-100-000-000

*Specifications subject to change without notice.*

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