

XT-0103

Line Powered $\pm 15\text{VDC}$ Bi-Polar
Power Supply Module

Features

- ❑ *Input Voltage 85-264VAC, 47-63Hz*
- ❑ *Output Voltage $\pm 15\text{VDC}$*
- ❑ *Internally fused*
- ❑ *Din Rail Mounting, (Din Rail Included)*
- ❑ *Continuous Overload / Short / Open Circuit Protection*
- ❑ *High reliability*
- ❑ *Only 91x75x45mm*



Description

The XT-0103 is a 'stand-alone' power supply module capable of supplying the excitation voltage required for many of the inclinometers and accelerometers manufactured by Sherborne Sensors. The module accepts a wide range of line voltages from 85 to 264VAC ensuring it's operability from worldwide power sources.

Specifications

| | | |
|-------------------------------|---------------------|--------------------|
| Input voltage | 86 – 264; 47-63Hz | VAC |
| Output voltage | $\pm 15 \pm 0.5\%$ | VDC |
| Output current | ± 1.3 | A max |
| Input current | 0.65 | A max |
| Temperature range (storage) | -25...+85 | $^{\circ}\text{C}$ |
| Temperature range (operation) | -10...+60 | $^{\circ}\text{C}$ |
| Voltage set accuracy | ± 0.5 | % |
| Ripple / Noise | 50 mV _{PP} | max |
| Maximum load | 36 | W |

EMC

EN 61000-6-3 & -4 (Emissions)
(EN 55011, EN 55022, Class B), EN 61000-6-2 & EN 61000-6-1 (Immunity), VDE 0160/W2
(Transient protection)

Safety

EN 60950, EN 60204-1, N 50178, IEC60950, UL 60950, UL 508, CAN/CSA-C22.2 No 60950 (CUR),
CAN/CSA-C22.2 No. 14 (CUL)

CE-Marking

Compliant with EMC Directive and Low-Voltage Directive

| | | |
|---------------|-------|--|
| Sealing | IP 20 | Protect from moisture and condensation |
| Case material | | Plastic |