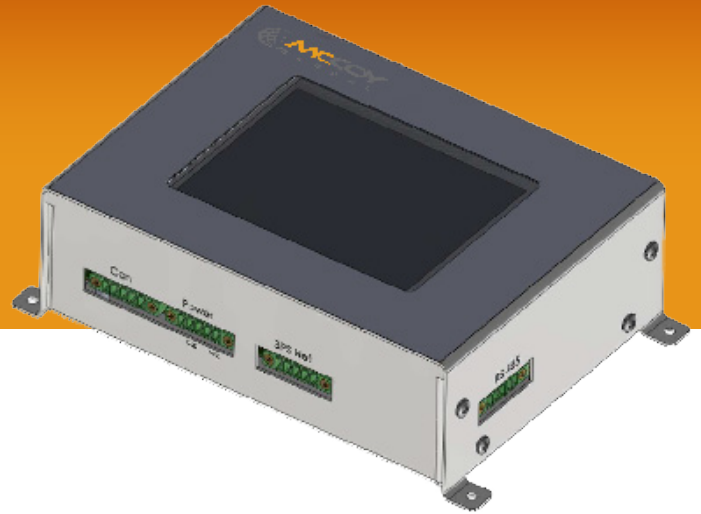# SD50-DAQ

DISPLAY CONTROLLER

SD50-DAQ DELIVERS THE PERFORMANCE OF THE SD50 PLATFORM IN A LIGHT-DUTY HOUSING, PERFRECT FOR INSTALLATION IN AN EXISTING ENCLOSURE, SAFE AREA OR OEM APPLICATIONS.

SD50-DAQ OFFERS ALL THE CONFIGURATION FLEXIBILITY AND PROCESSING POWER OF THE SD50 PLATFORM AT AN EXTREMELY AGGRESSIVE PRICE POINT.

STANDARD CONFIGURATION

Features

– Digital sensor network
  – Manages a network of ≤16 wired or wireless devices, which include mV/V, mA, quadrature, digital and a variety of application-specific sensors.
  – Improved noise immunity insures measurement fidelity.
  – Simplified network schema reduces cabling costs and setup time.
– Advanced Multi-Controller Setup allows seamless integration of additional LMC or SD50 controllers.
– Interfaces included Ethernet (TCP/IP, UDP, FTP and Webserver), RS485 (ASCII or Binary) and USB.
– SD card slot provides onboard data logging.
– Internally protected against transient voltages and polarity reversal.

Electrical Specifications

– Voltage DC: 18 to 30 V
– Current DC: 500 mA (max)

Environmental

Operating Temperature: -4 to 150°F (-20 to 66°C)
Storage Temperature: -4 to 185°F (-20 to 85°C)

Dimensions

Height: 5.16 in (13.11 cm)
Width: 6.86 in (17.42 cm)
Depth: 2.20 in (5.59 cm)
Weight: 5 lbs (2.27 kg)

Enclosure

Material: Powder-Coated Steel

Includes DIN Rail Mount and 3.95 x 7.85 in (10.03 cm x 19.94 cm) Bracket

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