SD50
DISPLAY CONTROLLER

SD50 COMBINES EXTREME DURABILITY AND HIGH PERFORMANCE TO SERVE AS OUR PREMIER DISPLAY CONTROLLER FOR MEASUREMENT AND MONITORING APPLICATIONS. DESIGNED FOR MAXIMUM CONFIGURATION FLEXIBILITY, SD50 IS ALSO A NATURAL CHOICE FOR OEM AND CUSTOM APPLICATIONS.

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: 10.5 to 28.0 VDC
Current DC: 1.2 A max
Voltage AC: 120 VAC
Current AC: 0.3 A max

Environmental

Operating Temperature: -40 to 165°F (-40 to 74°C)
Storage Temperature: -40 to 185°F (-40 to 85°C)

Dimensions

Height: 6.56 in (16.66 cm)
Width: 9.56 in (24.28 cm)
Depth: 5.06 in (12.85 cm)
Weight: 17 lbs (7.71 kg)

Enclosure

Material: 316 Stainless Steel
Rating: NEMA 4X, IP66

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