Micro Control Systems

RoHS Compliant ✓

Part #
MCS-REMOTE-15.4

Description

The **MCS-REMOTE-15.4** enclosure is made of powder coated aluminum for durability and longevity. A left hand swing door is mounted with two four-inch hinges for strength. A key lock is provided for security on the door while still allowing easy access to the display.

The **MCS-TOUCH-15.4** capacitive touchscreen interface designed to simplify user access with the MCS-Magnum and MicroMag utilizing MCS-Connect to provide both graphics and service mode access to technicians. Input method: Finger, Stylus or *Glove.

Highly accurate and does not require calibration - easy to clean glass surface. Works outdoors, bright screen, water resistant, Exceptional Optics - 1280x800 resolution, sharp and vibrant images.

MCS-TOUCH-15.4 comes preloaded with the MCS-CONNECT program that allows you to view the 'unit's status', 'extended history', 'alerts', 'alarms', setpoints, and more, all in a user-friendly graphic format.

Enclosure Components
12VDC -90 WATT Power Supply
120 VA outlet
5 Port Ethernet Switch - 10/100
7ft CAT 5e Crossover Patch Cord, Orange

Packaging
Weight ....40 lbs(approx)
Box ....24" X 30" x 10"

Enclosure

Small Box - NEMA Type 1; IP 10

Enclosure Dimensions.....18.2"w x 24.75"h x 8"d
     462.28 W x 628.65 H x 203.2 D mm
Mounting Holes................Mounts, four pre drilled 15/32" holes

Input Power (Standard) ...115 or 230vac ±10% 50/60Hz

Touch Screen 15.4 - Capacitive Touch

Dimensions ....17"L x 12.11"W x 2"H
     14 through-hole studs
Gasket Material ....HT-800 Medium Cellular Silicone
LCD Screen.......................15.4" (16:10 Diagonal)
     16.2 Million Colors
     1280x800 Resolution
     View Angle 70° x 70° x 70° x 70°
     (Up, Down, Left, Right)
     5-Wire resistive touch w/Stylus pen
     White LED Backlight
     (Min Life 50,000 Hrs)
     Luminance Min. 300 cd/m²
Surface Treatment.............Glare/Anti-Reflection ≤1.5% Hard
     Coating (3H)
Operating Temperature.......-22°F to 176°F (-30°C to +80°C)
Operating Humidity...............0-95% Non-Condensing
Storage Temperature ....-22°F to 176°F (-30°C to +80°C)
     0 to 95% Humidity; Non-Cond.
Input Power..........................12 vdc Regulated Power Supply
Mcs-Ethernet Switch-B.........5 x RJ45 ports, 10/100/1000 Mbps
Minimum (Brown in) ....8.50 vdc
Amp Draw (Loaded) ....2 Amps (Max)
Motherboard.......................Broadcom BCM2711 Quad core
     Cortex (ARMv8) 64-bit SoC @ 1.5Ghz

INPUT	MINIMUM	NOMINAL	MAXIMUM
VOLTAGE	10	12	12.5
AMPS			2

Flash Memory......................16 GB EMMC
RAM......................................2 GB DDR3
RS-485 Ports.......................2 @ go up to 115200 baud rate
Ethernet..............................10 Mbps/100Mbps/1Gbps
USB...2 USB type B 2.0 ports 480Mbps signalling
Real Time Clock ....Battery backup(Type BR2032)

Options

NEMA 4 enclosures are available.

A NEMA4 Box Enclosure is suitable for outdoor installation or for areas that are subject to water wash-down or extreme harsh environments.

Revision - 2024-11-27