MCS-TOUCH-10.1
Description & Specifications

Back shown with covers for Arm mount▼

RoHS Compliant ✓

Part # **MCS-TOUCH-10.1**

Description

The **MCS-TOUCH-10.1** is a new 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.

Information and graphics on the MCS-TOUCH-10.1 are shown on a 10.1" high resolution (1280x800) LCD display with LED backlighting, which will guarantee long-life operation.

The MCS-TOUCH-10.1 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.

Also, with a proper authorization code, changes can be made to the setpoints, sensor offsets, schedule, etc.

With Internet Connection:
*The user is able to email **'ALARM ALERTS'** back to a technician. The emails will include **'SAVE DIAGNOSTIC DATA'** to help troubleshoot the alarm.*

*Also with the internet connection you can send **'SMS TEXT MESSAGES'** with job site name and alarm, message only.*

Without Internet Connection:
*The user can save **'ALARM ALERT DATA'** to a USB memory stick. Also, you can save **'EXTENDED HISTORY DATA** to a USB memory stick for troubleshooting. This can be done with or without internet connection.*

The Touchscreen are suitable for installation, both indoor and outdoor. Utilizing a gasket for an environment seal provides the unit with a NEMA 4 rating if installed in a <u>NEMA4 enclosure.</u>

Specifications

Dimensions	12.204"L x 9.055"W x 3.215"H
Mounting	
Door Mount	10.875"L x 7.875" with cutout
	14 mount studs thru customers encl.
	HT800 Cellular Silicone Gasket
	NEMA 4 IP66 rated
	Indoor or outdoor *(when mounted correctly)
VERSA Mount	75 x 75 mm;100 x 100 mm (indoor only)
LCD Screen	10.1" Diagonal (Aspect Ratio 16:10)
	16.2 Million Colors
	1280x800 Resolution
	View Angle 85°U, 85°D, 85°L, 85°R
	5-Wire resistive touch w/Stylus pen
	White LED Backlight (Min Life 50,000 Hrs)
	Luminance Min. 400 cd/m²
Surface Treatment	Glare/Anti-Reflection ≤1.5%
	Hard-Coating (3H)
Operating Temperature	-4°F to +149°F (-20°C to +65°C)
Operating Humidity	0-95% Non-Condensing
Storage Temperature	-13°F to +158°F (-25°C to +70°C)
Power Input	12VDC regulated
Motherboard - Rev. 4.0	Freescale i.MX6 Dual Core 800mhz
	2Gb of 512mhz DDR3 RAM memory
	16Gb of eMMC Flash memory
	10m/100m/1G Ethernet
	1 Micro-SD Slots
	1 USB On-The-Go (OTG)
	2 USB Host 2.0
	Real Time Clock (RTC) w/ Battery
	3 RS485 communication ports
	(max. baud rate 115k)

*Mounted in Nema4 Enclosure

Parts Included

- **90W 12VDC Power Supply**
  - Input Voltage: 88 VAC to 264 VAC
  - Output Voltage: 12 VDC @ 7.5 Amps
  - Input Current: 3 A / 115 AC - 1.6 A / 230AC
  - Output Rated Current: 7.5 A
  - Size: 2.76" x 3.54" x 2.14 (W*H*D) (70*90*54.5mm)

- **7ft CAT 5e Crossover Patch Cord, Orange**

- **DIN Rail Mounting Kit for 90W 12VDC Power Supply**

• Packaging

Ship Weight	8.73 lb (approx)
Box Dimensions	16" x 12.5" x 8" (approx)

Options

Versa Arm

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