



DMT 300 Series

Panel Display

Features

HMI Panel Display presents the system processes in both text and graphics for the user. Easy to use display provides a custom user interface to the process for both monitoring and system control. From viewing data to making changes to timers and counters, the DigiTec DMT 300 makes it easy.

Compatible with PLCs from:

- ADC (DI05)
 - Koyo (S)
 - Omron (CPM1 Series)
 - Mitsubishi (FX Series)
 - Panasonic (FPI, FPO)
 - Siemens (S7-200)
- Monitors the data, curve, graph, or characters to display the PLCs internal function and stored data, thus intuitively reflecting the control system, flow and trend history.
 - Allows customer to change the PLC internal status through a programmable key, allowing set point changes. For example: changing alarm setpoints, real-time clock settings, etc.
 - Simultaneous real time display and alarm information.
 - Standard LCD with background light. Four rows with 24 characters in every row.
 - The front panel of the DMT300 is IP65 standard, wash down compatible.



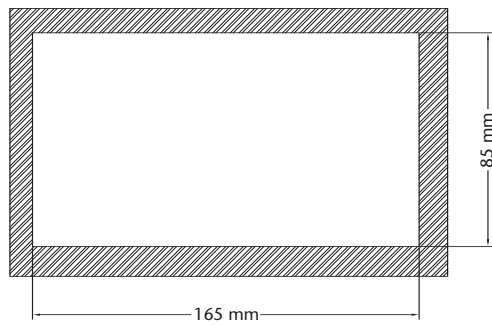
General Specifications

Supply Power	12 - 24 VDC $\pm 10\%$ <150mA @ 24VDC
Interference Isolation	voltage 1500Vp-p, pulse period 1us, sustain 1s
Withstanding Voltage Test	500 V AC 1 minute
Insulation Resistance	Over 10M ohm @ 500V DC
Seismic Test	10 - 25 Hz (X, Y, Z, direction 2G 30 minutes)
Protection Level	IP65 (front panel)
Working Environment Temperature	-10°C - 60°C (14°F - 140°F)
Working Environment Humidity	-20 - 90% RH (non-condensation)
Storage Temperature	-20°C - 70°C (-4°F - 158°F)
House Material	Industrial plastics ABS + PC
Frame Dimension	171.8 x 84.2 x 38.6mm (6.76" x 3.3" x 1.52")
Display Dimension	97.0 x 34.5mm (3.82" x 1.36")
Installation Performance Dimension	165 x 84mm (6.50" x 3.31")
Cooling Method	Natural air cooling
Weight	260g (0.57 lb.)
Compatibility	Mitsubishi (FX Series) Siemens (S7-200), ADC (DI05), Omron (CPM1 Series), Koyo (S), Panasonic (FPI, FPO)*

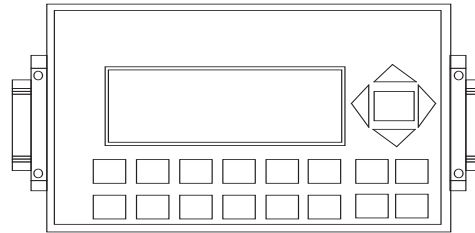
PLC Installation Dimensions (mm)

DMT300

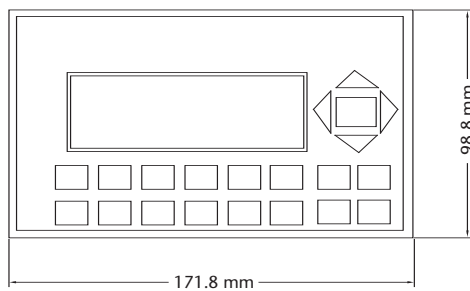
Panel Cutout



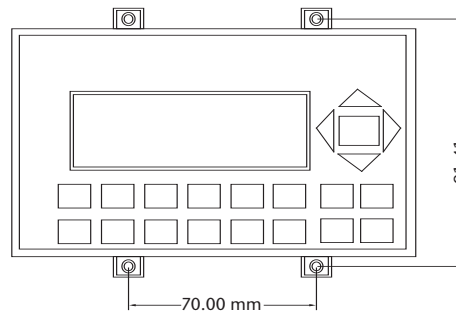
DIN rail installation (standard 35mm)



Dimensions



Surface Mount



Hardware Specifications

Screen	4.3" LCD Display
Resolution	192 x 64 Pixels
LCM Life	50,000 hours at 25°±2°C, 65 ±10%RH
Brightness	60 cd/m ²
Color	Blue
Contrast	Adjustable Resistor
Backlight	Longlife Blue LED
Memory	110KB Flash ROM
Communication Port	PC RS232 & PLC RS485/422 & PLC RS232
Function Key	14 Programmable Buttons
Allowable Power Disruption	20mS

*Mitsubishi, Siemens, ADC, Omron, Koyo, Panasonic are registered trademarks.



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