

DMT 900 Series



Programmable Logic Controller

- Phone Remote Control
- Real Time Clock Function
- Network & Monitoring Function
- Voice Warning

Features

The DMT 900 is a new series of programmable logic controllers from ATC's DigiTec Division.

- Expansion up to 122 I/O (74Inputs/48 outputs)
- Specialty modules for telephone functions and alarming
- Optional face mount or panel mount, 4 line display
- Free Program Software
- Remote Mounting of the HMI Module
- Voice Module (dial out, remote control)
- Remote Control (wireless control of 6 inputs)
- UL Listed

Optional Accessories

- Copy Module
- Print Module
- Telephone/Voice Module
- Remote Control Transmitter Module
- HMI Panel Display (DMT 300)



Specifications

Approvals	CE, UL
Programming Method	FBD (Functional Block Diagram)
Program Memory	127 Function Blocks
LCD Display	4 lines of 9 characters per line
Function Block Types	Combined Total of 127 Blocks:
<ul style="list-style-type: none"> • Counter 	<ul style="list-style-type: none"> • up to 127 Blocks
<ul style="list-style-type: none"> • Timer 	<ul style="list-style-type: none"> • up to 127 Blocks
<ul style="list-style-type: none"> • RTC (Real Time Clock) 	<ul style="list-style-type: none"> • up to 127 Blocks
Storage Temperature	-40°C to +70°C (-40°F to 158°F)
Operating Temperature	-20°C to +70°C (-4°F to 158°F)
Mounting	DIN rail mounted or surface mounted
Power	100 to 240 VAC on AC powered models, 12 to 24 VDC on DC powered models
Network Ready	RS485 Communications allows easy networking capabilities

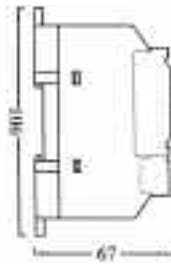
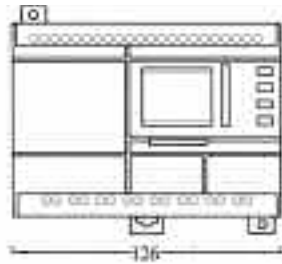
Optional Voice Block



DMT912



DMT922



DMT-PSL



Model	Voltage	Input	Output	Notes
DMT912A-R	100–240VAC	8 points AC input	4 points relay output	
DMT912D-AR	12–24 VDC	8 points DC input (with 6 points analog)	4 points relay output	
DMT912D-AT	12–24VDC	8 points DC input (with 6 points analog)	4 points transistor output (equivalent NPN)	With real time clock
DMT922A-R	100–240VAC	14 points AC input	8 points relay output	
DMT922D-AR	12–24VDC	14 points DC input (with 8 points analog)	8 points relay output	
DMT922D-AT	12–24VDC	14 points DC input (with 8 points analog)	8 points transistor output (equivalent NPN)	
DMT920A-R	100–240VAC	12 points AC input	8 points relay output	
DMT920D-R	12–24VDC	12 points DC input	8 points relay output	20 Points extended module
DMT920D-T	12–24VDC	12 points DC input	8 points transistor output (equivalent NPN)	
Accessories				
DMT-AVMA	100–240VAC	Telephone and voice module, auto-dialing, alarm and remote control		
DMT-DVMA	12–24VDC			
DMT-ARM	100–240VAC	Remote control and receiving module		
DMT-DRM	12–24VDC			
DMT-TXM	3VDC (two No. 5 batteries)	Remote control transmitter		
DMT-HMI	Human Machine Interface (LCD panel)	Up to 64 pages human-interface, display current value and change pre-set value (with the wide-range operating temperature -20°C - 70°C (-4°F - 158°F))		
DMT-HMI-BL	Backlighted Human Machine Interface (LCD panel)			
DMT-WRT	Programming keypad display	Convenient programming for user in the field		
DMT-ACP	AC Type Programming cable	Communication cable between DMT and PC (profile plug type)		
DMT-DCP	Serial Programming cable	Communication cable between DMT and PC (front piece plug type)		
DMT-ACB	AC Type Bridge Connection	To connect DMT host and the other module		
DMT-DCB	DC Type Bridge Connection			
DMT-RMR	Remote mounting rack for LCD panel	Remotely connect DMT 900 and DMT-HMI allowing the DMT to be placed inside the cabinet and put the DMT-HMI outside the cabinet for observation and operation		
DMT-ACBA	AC Type remote connector bridge	To remotely connect DMT host and the extended module etc.		
DMT-DCBA	DC Type remote connector bridge			
DMT-ANT	Remote Antenna Kit	Extended range antenna of DMT-ARM/DMT-DRM		
DMT-AUD	Recording cable	The wires between PC sound card and the DMT-AVMA/DMT-DRM		
DMT-USBPC	USB Programming Cable	The cable between DMT and PC USB port		
DMT-PSL	24 volt power supply	Power supply for 24 VDC units		
DMT-300	12-24VDC	Panel Display		



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