

Mini PLC PL-100

- Supports up to 112 I/Os
- Relay Base & Transistor Low Side Base modules
- Stacking using FRC cable up to maximum 6 Expansion Modules
- Isolated Digital Inputs with sourcing & sinking capability
- Isolated Digital Transistorized Outputs (Low Side and High side driver)
- High Speed Inputs - Single / Quadrature (1x/2x/4x)
- High Speed Outputs (PTO / PWM / S-Profile)
- CE and RoHS complied
- Analog Voltage/Current Inputs and Outputs of 0-10 V / 4-20 mA
- PC Software for programming, online & offline simulation
- Standard RS232/RS485 port with RJ11 for HMI/SCADA Interface
- Modbus RTU support
- 128 Weekly, Monthly & Yearly Time Switches each
- Multiple Timers, Counters including retentive counters, Hour meters & many more function blocks



Ordering Information

Cat. No.

Base Models:

PC10BD16005D1
PC10BD14006D1

Description

DC Base with 8 Digital I/Ps, 8 Relay Outputs With 2 Port.
DC Base with 8 Digital I/Ps (4 Normal I/Ps + 4 High Speed I/Ps)
6 Transistor Low Side Outputs (4 Normal O/Ps + 2 High Speed O/Ps) With 2 Port.

Extension Models:

PC10ED08001N Extension with 8 Digital Inputs
PC10ED08002N Extension with 8 Relay Outputs
PC10ED16003N Extension with 8 Digital Inputs and 8 Relay Outputs
PC10ED08004N Extension with 8 Transistor Low Side Outputs
PC10ED08005N Extension with 8 Transistor High Side Outputs
PC10EA04001N Extension with 4 Analog Inputs (Max. 24, 0-10V / 4-20mA)
PC10EA02002N Extension with 2 Analog Outputs (Max. 12, 0-10V / 4-20mA)

Application Software:

PC10SN000N PL-Soft

Accessories:

28D33B0 Accessory, USB 2.0 Cable, Type A Male to B Male
PC10AC2 RS232 Communication Cable, PL-100 to HMI / SCADA
PC10AC3 RS485 Communication Cable, PL-100 to HMI / SCADA (DB9 Female to RJ-11)
PC10AC4 RS485 Communication Cable, PL-100 to HMI / SCADA (DB9 Male to RJ-11)

GSM Alarm Modem

- GSM Alarm Modem is specifically designed to provide GSM features to Mini PLC PL-100
- GSM Alarm Modem enables monitoring of inputs, outputs and controlling of outputs of Mini PLC PL-100 through SMS facility
- The preset and current value related to special function blocks (SFB) that are available in the ladder logic can be monitored
- Analog input and output values can also be effectively monitored and controlled
- Diagnostic information about all the inputs and outputs of devices connected in the system is available for users
- Device and Clock settings can be configured by sending respective queries to the device
- User can integrate Special Function Blocks such as Send and Receive SMS along with others like Timers, Time Switches, Counters, etc. for various applications
- Alert messages can be received from the GSM Alarm Modem depending on the ladder logic
- Power Failure condition can also be effectively reported
- CE and RoHS complied



Ordering Information

Cat. No.	Description
40B2BBVAA	24 VDC, Module for GSM Alarm Modem with wire antenna



- Supports up to 48 I/Os
(32 Digital Inputs & 16 Digital Outputs)
- 250 lines of ladder programming
- 16 soft text messages, Time Switches, Compare Counters, Timers, Counters & 12 Analog functions, 4 Hour Meters
- Backlit LCD Screen for display & modification of pre-selected parameters of functional blocks, viewing I/O status and programming on the device
- PC software for programming, online & offline simulation, documentation & printing
- Designed for use in automation for commercial & Industrial sectors
- Multi level password and run time parameter save facility
- CE and RoHS complied
- DST Feature Available
- **Accessories:** Nx-Comm RS 485 Module



Genie™-MX



RS-485 Module

Ordering Information

Cat. No.	Description
G7DDT11	110 - 240 VAC, Base Module, with LCD Display
G7DDT11B	110 - 240 VAC, Base Module, Without LCD Display
G8DDT11	12 - 24 VDC, Base Module, with LCD Display
G8DDT11B	12 - 24 VDC, Base Module, Without LCD Display
G9DDT11	24V AC/DC, Base Module, with LCD Display
G9DDT11B	24VAC/DC, Base Module, Without display
G9ADT11	24V AC/DC, Base Module With 2 Analog I/P (for 24V DC only), with LCD Display
G9ADT11B	24V AC/DC, Base Module With 2 Analog I/P (for 24V DC only), Without display
G7DDT10E	110 - 240 VAC, Extension Module
G8DDT10E	12 - 24 VDC, Extension Module
G9DDT10E	24V AC/DC, Extension Module
G9ADT10E	24V AC/DC, Extension Module With 2 Analog I/P (for 24V DC only)
GFDNN3M	Memory Card
GFDNN2S	RS 232 Serial Communication Cable
GFDNN1	USB Cable
GNXNN2	Software supplied on CD-ROM compatible with Windows 7, Windows 8, Windows 8.1 & Windows 10
G7XDTR4	110 - 240 VAC, RS 485 Communication Module
G8XDTR4	12 - 24 VDC, RS 485 Communication Module

UL approval is not applicable for G9 Cat. Nos.
Note: 10 Series Cat. No. available on request.

GSM Controller

- Load can be made ON / OFF using mobile phone from remote location either by making an IVRS call, missed call or sending SMS to the device
- Device is suitable for Single Phase and Three Phase supply
- Device is compatible with SASD, FASD & DOL starters and controllers
- One Master and two other Master or Monitor numbers can be configured to control and monitor the Load operation
- Load can be operated in Manual Mode, GSM Auto Mode, Timer Mode, Retentive Timer Mode or Multiple Daily Timer Mode
- Wire antenna for flexible positioning to get proper signal strength
- User can get information of events like Load ON/OFF, Phase error, Error recovery, Power Fail, Power ON, Phase fail, Contactor pick up fault through SMS and call back from device
- Anti-theft feature
- Powered with Android App "M-Remote"



Ordering Information

Cat. No.	Description
26A11AV	180 - 500 VAC, Module For Mobile Starter with wire type antenna
26A21AV	85 - 265 VAC, Module For Mobile Starter with wire type antenna
26A11AVL	Module for regulating pump side ON/OFF operation for remote water level management.
26A12AVT	Module for controlling level at tank side for remote water level management.
26A10AVD	180-500 VAC, Module for door open/close SMS.

Accessories	Description
26100V0	Wire type antenna