



COMPACT PROGRAMMABLE LOGIC CONTROLLER

SPECIAL FEATURES

- IEC 61131-3
- Compact
- High Speed CPU
- Large Memory
- Modbus, OPC, CANOpen
- On Board Digital and Analog I/Os
- Ethernet Port
- Real Time Clock
- Industry 4.0

PRODUCT HIGHLIGHTS

- Superior features and competitive pricing
- SMART ENGINEERING Easy to use software, online changes and offline simulation
- Scalable within NX-ERA family, it covers small to large solutions
- High density I/Os
(Up to 42 I/Os in a single unit)

APPLICATIONS



Water &
Wastewater



Automotive



Metal &
Mining



Chemical



Oil & Gas



Power



Food &
Beverage



Material
Handling



Textile
& Pulp



Sugar &
Ethanol

Models

	XP300	XP315	XP325
Digital inputs (DI)	16	16	16
Digital outputs (DO)	16	16	16
V/I analog inputs (AI)	-	5	5
RTD analog inputs (AI)	-	2	2
V/I analog outputs (AO)	-	-	4
Ethernet TCP/IP interface	1	1	1
RS-485 Serial interface	1	1	1
CAN interface	1	1	1
CANOpen Master protocol	No	No	Yes
USB Host port	1	1	1
Addressable input variables memory (%I)	2 KB		
Addressable output variables memory (%Q)	2 KB		
Addressable variables memory (%M)	1 KB		
Symbolic variables memory	2 MB		
Program memory	2 MB		
Retain/persistent memory (user configurable)	7.5 KB		
Source code memory (backup)	16 MB		
User files memory (backup)	8 MB		

Communication Features



Ethernet Port

- MODBUS TCP Client/Server
- OPC DA
- Programming and configuration

Serial Port

- RS-485
- MODBUS RTU Master/Slave

CANOpen Port

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automation & controls

electrical engineering

workplace technology