XEM-DN32HP Cut Sheet

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LS Electric XGB PLC, 24 VDC required, Ethernet, serial and USB B ports, Discrete Input: 16-point, DC, Discrete Output: 16-point, sinking, 4 high-speed input point(s), 12 high-speed output point(s). Requires XTB-40H terminal block and C40HH-xxSB-XBI cable.

For complete product information, please see this item on our store at the following link:

https://www.automationdirect.com/pn/XEM-DN32HP

Technical Specifications

Brand	LS Electric XGB
Item	PLC
Total Memory	544 KB
Program Memory	384 KB
User Data Memory	160 KB
Programming Language	IEC 61131-3 ladder, structured text, sequential function chart and instruction list
Programming Software	XG5000 programming software v4.7 or later
Communication Port and Connection Type(s)	• (1) Ethernet 10/100Base-T (RJ45) • (1) RS-232/RS-485 (5-pin terminal) • (1) miniB-USB
Port Protocol(s)	• Modbus RTU Master/Slave • Modbus ASCII Master/Slave • Modbus TCP Client/Server • LS XGT protocol Client/Server • programming and monitoring
Port Speed(s)	• 10/100 Mbps • up to 115.2k baud
Real Time Clock/Calendar	Yes
Retentive Memory	Yes
Battery Backup	No
Maximum Expansion Modules Allowed	7
External Power Requirement	24 VDC
Number of Discrete Input Points	16
Nominal Input Voltage	24 VDC
Voltage Type	DC
Discrete Input Type	Sinking/sourcing
Number of Non-Isolated Discrete Input Commons	1
Number of Points per Discrete Input Common	16
Frequency Response	200 kHz

Number of Discrete Output Points	16
Nominal Output Voltage	12-24 VDC
Discrete Output Type	Sinking
Load Current	(12) 0.1A/point, (4) 0.5A/point
Number of Non-Isolated Discrete Output Commons	1
Number of Points per Discrete Output Common	16
Maximum Switching Frequency	200 kHz
Maximum Number of PID Loops	16
Number of High-Speed Capable Input Points	4
High-Speed Counter(s)	• up to (4) up counters • up to (4) down counters • up to (2) up/down counters • up to (2) pulse/direction (bi-directional) counters • up to (2) quadrature (A and B) counters
Frequency Measurement	• up to (4) up counters • up to (4) down counters • up to (2) up/down counters • up to (2) pulse/direction (bi-directional) counters • up to (2) quadrature (A and B) counters
Interrupt(s)	• up to (1) initialization interrupt • up to (16) cycle time interrupts • up to (8) external input interrupts • up to (16) internal device interrupts • up to (4) high-speed counter interrupts • up to (1) positioning interrupt
Number of High-Speed Capable Output Points	12
Output Pulse Mode(s)	up to (6) PTO pulse/direction outputs

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Axis Profile(s)	• relative/absolute positioning • velocity mode • trapezoid • S-curve • electronic gearing • camming • following • homing • jogging • inching • teach functions • linear interpolation • ellipse interpolation • helical interpolation • software limit switches • online edit • x-y trend view
Includes	3-wire power cable and 5-pin serial communication terminal block
Requires	XTB-40H terminal block and C40HH-xxSB-XBI cable

Agency Approvals

UL Listed File #	E124950
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document