XEM-DN16H2 Cut Sheet

AUTOMATIONDIRECT

LS Electric XGB PLC, 24 VDC required, Ethernet, serial and USB B ports, Discrete Input: 8-point, DC, Discrete Output: 8-point, sinking, 4 high-speed input point(s), 2 high-speed output point(s).

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

https://www.automationdirect.com/pn/XEM-DN16H2

Technical Specifications

Brand	LS Electric XGB		**Nominal Output Voltage**	12-24 VDC
Item	PLC		**Discrete Output Type**	Sinking
Total Memory	544 KB		**Load Current**	(2) 0.1A/point, (6) 0.5A/point
Program Memory	384 KB		**Number of Non-Isolated Discrete Output Commons**	1
User Data Memory	160 KB		**Number of Points per Discrete Output Common**	8
Programming Language	IEC 61131-3 ladder, structured text, sequential function chart and instruction list		**Maximum Switching Frequency**	200 kHz
Programming Software	XG5000 programming software v4.77 or later		**Maximum Number of PID Loops**	16
Communication Port and Connection Type(s)	• (1) Ethernet 10/100Base-T (RJ45) • (1) RS-232/RS-485 (5-pin terminal) • (1) miniB-USB		**Number of High-Speed Capable Input Points**	4
Port Protocol(s)	• Modbus RTU Master/Slave • Modbus ASCII Master/Slave • Modbus TCP Client/Server • LS XGT protocol Client/Server • programming and monitoring		**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
Port Speed(s)	• 10/100 Mbps • up to 115.2k baud		**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
Real Time Clock/Calendar	Yes			
Retentive Memory	Yes		**Interrupt(s)**	• 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
Battery Backup	No			
Maximum Expansion Modules Allowed	7			
External Power Requirement	24 VDC		**Number of High-Speed Capable Output Points**	2
Number of Discrete Input Points	8		**Output Pulse Mode(s)**	up to (2) PTO pulse/direction outputs
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	8			
Frequency Response	200 kHz			
Number of Discrete Output Points	8			

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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	I/O terminal blocks, 3-wire power cable and 5-pin serial communication terminal block

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

Dimensional Drawings

2D Drawing PDF Link:
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