XEM-DR14H2 Cut Sheet

LS Electric XGB PLC, 24 VDC required, Ethernet, serial and USB B ports, Discrete Input: 8-point, DC, Discrete Output: 6-point, relay, 4 high-speed input point(s).

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

https://www.automationdirect.com/pn/XEM-DR14H2

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 v4.77 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	8
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	6

Nominal Output Voltage	24 VDC/220 VAC
Discrete Output Type	Relay
Relay Configuration	(6) Form A (SPST) relays
Load Current	(6) 2A/point
Number of Non-Isolated Discrete Output Commons	1
Number of Points per Discrete Output Common	6
Maximum Switching Frequency	1 Hz
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 (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
Includes	I/O terminal blocks, 3-wire power cable and 5-pin serial communication terminal block
Dangerous Goods	• Battery Installed: Yes (not user replaceable) • Packaging Instructions: 970 • UN Number: UN3091 • Hazard Type: Lithium Batteries • Battery Type: Coin • Lithium Content: 0.01

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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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