

XBF-PN08B Cut Sheet



LS Electric XGB 8-axis positioning module, EtherCAT Master, 1 high-speed input point(s), sinking/line driver (differential), 1-channel, differential and single-ended encoder input(s), (1) Ethernet 100Base-TX (RJ45) port(s). For use with LS Electric XEM-DxxxHx PLCs.

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



<https://www.automationdirect.com/pn/XBF-PN08B>

Technical Specifications

Brand	LS Electric XGB
Item	8-axis positioning module
Number of Ports	1
Communication Port and Connection Type(s)	(1) Ethernet 100Base-TX (RJ45)
Port Protocol(s)	EtherCAT Master
Port Speed(s)	100 Mbps auto-detect
Number of High-Speed Capable Input Points	1
Nominal Input Voltage	5-24 VDC
Discrete Input Type	Sinking/line driver (differential)
Number of Isolated Input Commons	3
Number of Input Channels	1
Encoder Input Type	Line receiver (differential) and NPN open collector encoder input
High-Speed Counter(s)	<ul style="list-style-type: none"> • up to (1) quadrature (A and B) counter • up to (1) quadrature (A and B with Z) counter

Output Pulse Mode(s)	<ul style="list-style-type: none"> • up to (8) EtherCAT axes • up to (8) virtual EtherCAT axes
Axis Profile(s)	<ul style="list-style-type: none"> • relative/absolute positioning • velocity mode • trapezoid • jerk • registration • homing • jogging • electronic gearing • camming • linear mode • rotary mode • motion sequence • linear interpolation • ellipse interpolation • helical interpolation
For Use With	LS Electric XEM-DxxxHx PLCs
Includes	(1) 9-pin terminal block
Programming Software	XG5000 programming software v4.7 or later

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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