

XBF-PN04B Cut Sheet



LS Electric XGB 4-axis positioning module, EtherCAT protocol, 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-Dx32Hx PLCs.

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



<https://www.automationdirect.com/pn/XBF-PN04B>

Technical Specifications

Brand	LS Electric XGB
Item	4-axis positioning module
Number of Ports	1
Communication Port and Connection Type(s)	(1) Ethernet 100Base-TX (RJ45)
Port Protocol(s)	EtherCAT Master (CANopen over EtherCAT)
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 (4) EtherCAT axes• up to (4) 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-Dx32Hx 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