

XBF-HO02A Cut Sheet



LS Electric XGB counter input module, 200 kHz maximum switching frequency, 2 high-speed input point(s), 5-24 VDC, sinking, 2-channel, single-ended encoder input(s), 2 high-speed output point(s), 5-24 VDC, sinking, external 24 VDC required.

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



<https://www.automationdirect.com/pn/XBF-HO02A>

Technical Specifications

Brand	LS Electric XGB
Item	Input module
I/O Module Type	Counter
Maximum Switching Frequency	200 kHz
Number of High-Speed Capable Input Points	2
Nominal Input Voltage	5-24 VDC
Discrete Input Type	Sinking
Number of Non-Isolated Input Commons	1
Number of Input Channels	2
Encoder Input Type	NPN open collector
Number of High-Speed Capable Output Points	2
Nominal Output Voltage	5-24 VDC
Discrete Output Type	Sinking
Number of Non-Isolated Output Commons	1
Number of Isolated Output Commons	0
Load Current	0.1A/point
High-Speed Counter(s)	<ul style="list-style-type: none">• up to (2) up counters• up to (2) down counters• up to (2) up/down counters• up to (2) pulse/direction (bi-directional) counters• up to (2) quadrature (A and B) counters
Position Scaling	<ul style="list-style-type: none">• up to (2) up counters• up to (2) down counters• up to (2) up/down counters• up to (2) pulse/direction (bi-directional) counters• up to (2) quadrature (A and B) counters
Axis Profile(s)	<ul style="list-style-type: none">• linear mode• rotary mode
External Power Requirement	24 VDC
Requires	XTB-40H terminal block and C40HH-xxSB-XBI cable
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