

GX-HC100

iO-GRID X HSC Module

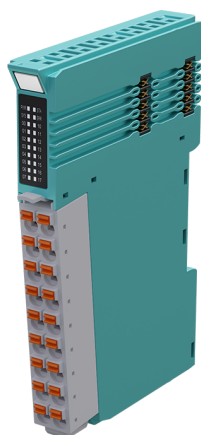
High-speed counter module supporting counting applications up to 500 kHz.

Suitable for encoder, positioning, and high-speed pulse signal acquisition applications.

Parameters and functional settings can be configured through i-Designer.

Helps improve control precision in high-speed motion and counting applications.

Modular design allows easy integration into the iO-GRID X system architecture.



Product
Certification



Technical Specifications

Module Type	High-speed counting module
Field Voltage Supply	24 VDC (-15%~+20%)
Field Current Consumption	Max. 49mA@24VDC
System Voltage Supply	5 VDC; via power jumper contacts
System Current Consumption	Max. 50mA@5VDC
Input Type	SINK / SOURCE
Number of Digital Input	2
Input Voltage Range for Signal (0)	0 VDC...7VDC
Input Voltage Range for Signal (1)	12 VDC...24 VDC
Number of Digital Output	2
Max. Output Current In Single Channel	0.5A
Connection Method	Push-in connection
Input Filter Time	3ms
Isolation Method	Photocoupler Isolation
Indicators	2 Green Output States□4 Green Input States
Output Type	SINK

General Specifications

Dimensions (W*D*H)	12 x 105 x 69 mm
Weight	62 g
Operating Temperature	-10 ... 60 °C
Storage Temperature	-25...+85 °C
Permissible Humidity(Non-condensing)	RH 95%



Altitude Limit	< 2000 m
Ingress Protection (IP)	IP20
Pollution Severity	II
Product Certification	UL / CE
Wire Range (IEC / UL)	0.2mm ² ...1.5mm ² (AWG 24...16)
Suggested Terminals	DN00510D / DN00710D