

GX-DQ40P

iO-GRID X 16-Channel Digital Output Module

16-channel digital output module with SOURCE output design for a wide range of industrial control applications.

Built with ESD, surge, and overvoltage protection to improve output stability and device protection.

Watchdog monitoring and independent LED diagnostics make module status easier to identify.

Push-in wiring and tool-free installation help simplify wiring and maintenance.

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



Product
Certification



Technical Specifications

Module Type	Digital Output Module
Field Voltage Supply	24 VDC (-15%~+20%)
Field Current Consumption	Max. 37mA@24VDC
System Voltage Supply	5 VDC; via power jumper contacts
System Current Consumption	Max. 150mA@5VDC
Number of Output	16
Load Specification	Resistive, inductive, lamp load
Protective Circuit	undervoltage protection / overvoltage protection
Max. Output Current In Single Channel	0.5A
Connection Method	Push-in connection
Isolation Method	Photocoupler Isolation
Indicators	16 Green / Output Status□Power Status : Green□System Status : Green□Alarm Status : Red
Output Type	SOURCE
Max. Input Current	0.5A

General Specifications

Dimensions (W*D*H)	12 x 105 x 69mm
Weight	65 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