



The IQCGPI provides a general I/O interface for external devices and all RollCall compatible products.

IQCGPI

General Purpose Interface

Does this module suit your application?

- 11 x GPI optically isolated balanced I/O interfaces
- 1 x GPI optically isolated unbalanced I/O interface
- Controls products on the RollCall network via external events, or vice-versa
- Interfaces simple external equipment to RollCall
- Multiple actions from one input with RollTrack
- External events produce RollCall logging messages
- Outputs may drive relays for triggering external equipment, or LEDs from RollCall events
- 100 mA 5 V power supply available on connector
- Windows software program for function set-up

Why should you choose this module?

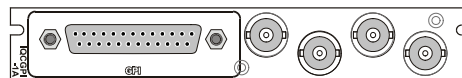
- Interfaces from simple external control panels or third party equipment to modules anywhere in the RollCall network, thus allowing for easy system integration
- Can provide multiple actions from one input via the RollTrack mechanism, thus triggering complex and interrelated functions
- A RollCall-based PC application allows assigning of GPIs to RollCall commands and events

Order codes for IQH3A/1A enclosures

IQCGPI-1A

General Purpose Interface. 1 x D25.
12 x GPI.

For more details on enclosure types please refer to datasheet IQH3A.



IQCGPI-1A

Technical Specification

Inputs and Outputs

GPI
User power supply

Indicators

Data received
PSU overload

Additional RollCall Functions

Configure GPI	GPI input triggers RollTrack output(s) GPI input triggers RollCall logging messages RollTrack input triggers GPI output, plus additional RollTrack outputs
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Specifications

Inputs/Outputs

Connector/ format	25 way D-type, 11 balanced Optically Isolated
Connector/ format	25 way D-type, 1 unbalanced Optically Isolated

Input Specification

Voltage limits	-5 V to +30 V
Logic 1	+2.5 V to +30 V

Output Specification

Maximum on current	50 mA
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Power Source

Voltage	5 V \pm 0.5 V
Maximum current	100 mA
Maximum load	Short-circuit

Power Consumption

Module power consumption	2.3 W max
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EMC Performance Information

Environment	Commercial and light industrial E2
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Peak mains inrush current following a 5 second mains interruption

Performance information	No mains input
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Performance information	No performance degradations or cable length limitations
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