

IQH3A

IQ Modular 3U Enclosure

Features

Inputs/Outputs

RollCall Remote Control..... BNC connector

RS422/485/232 Remote Control
9-pin D-type connector

RollCall/SNMP over TCP/IP . 10/100 baseT Ethernet

Preset Controls

Unit address code set switches
2 Hex switches 0 to F

Communications mode control

Select RS232, RS485 or RS422 interface

Additional Controls via RollCall Remote Control System

Full Control via active front panel or RollCall Control Panel PC Application

Specifications

Module Complement 8 double width or 16 single width
(or combinations of both) fitted vertically

Module card dimensions 100 mm wide, 340 mm long

Module rear connector 64 way

Module rear panel dimensions
129mm wide (-A versions)
103.4 mm wide(other versions),
40.4 mm (double width) 20 mm
(single width) high

Power

Input Voltage Range 100-250 V 50/60 Hz

Input Connector IEC320 Fused 2.5 A(T)

Standby Switch Behind drop-down front panel

Power Consumption..... 225 VA maximum

Modules Power Dissipation . 141 W maximum

Output..... +7.5 V and -7.5 V \pm 5%

Note that all modules have built-in power supply fuses.

Mechanical

Temperature Range..... 0 to 40° C operating, -30 to +75° storage. A temperature and load sensitive cooling fan is fitted.

Case Type 3U rack mounting aluminum case

Dimensions..... 483 mmx415 mmx135 mm (w, d, h)

Weight..... Approximately 8.25 kg without modules.
Approximately 15 kg fully populated

IQH

IQ Modular Enclosures, General Information

Shoebox Control Panel

1RU size, but only one third depth for control desk mounting of active front panel

- Remote mounted front panel for RollCall
- Gateway communications card for RollCall via RollNet and RS422 control
- Can be used as a semi-portable unit in engineering maintenance applications
- Full CE and UL compliance



IQHSBOXRCAPB Active Front Panel with single PSU & RollCall Gateway Card. 0 module slots.

Active Front Panel Controls (Shoebox)

Dedicated Push Buttons for: Home; Previous; Return; Modules; Lock; Setup; Save; Recall; Display Select; Menu Text Select; Spinwheel for menu control

Power (Shoebox)

Input Voltage Range 100 V to 250 V 50/60 Hz

Input Connector..... IEC320 Fused 1.6 A(T)

Power Switch Located on rear panel

Power Consumption 20 VA maximum

Mechanical (Shoebox)

Temperature Range..... 0 to 40° C operating, -30 to +75° storage

Case Type 1U rack mounting steel case

Dimensions..... 483 mm x 163mm x 44.4 mm (w,d,h)

Weight..... Approximately 1Kg.

IQH

IQ Modular Enclosures, General Information

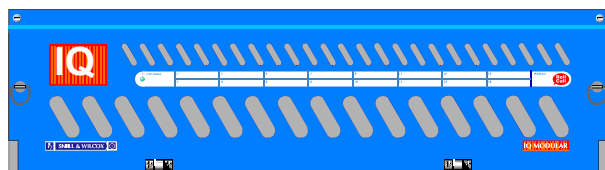
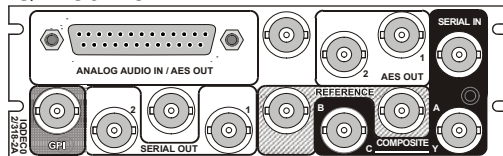
How do I order the right modules for my enclosure?

Although IQ modules are interchangeable between enclosures, their rear panels are enclosure specific. Code 'A' order codes must be used when installing modules in the IQH3A and IQH1A enclosures shown below. Non 'A' order codes relate to all other Snell & Wilcox IQ modular enclosures. Please take time to ensure that the compatible order code is selected to match the chosen enclosure.

'A' Style Enclosure

Rear panels with the suffix A may only be fitted into the 'A' style enclosure as detailed below:

Example:
IQDEC0218-2A



(Enclosure order codes IQH3A-E-0, IQH3A-E-P, IQH3A-0-0, IQH3A-0-P)



(Enclosure order codes IQH3A-S-0, IQH3A-S-P)

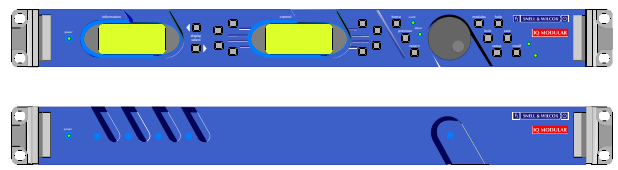
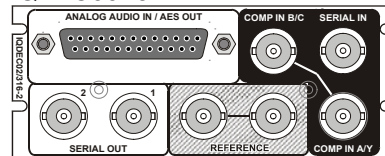


(Enclosure order codes IQH1A-S-P)

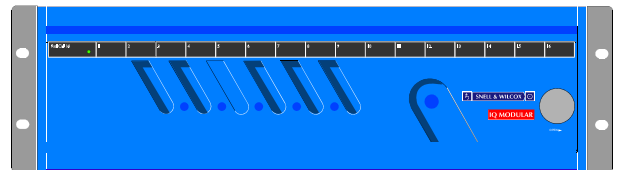
All Other Enclosures

Rear panels without the suffix A may be fitted into all other Snell & Wilcox IQ Modular enclosures as detailed below:

Example:
IQDEC0016-2



(Enclosure order codes IQH1S-RC-0, IQH1S-RC-AP, IQH1U-RC-0, IQH1U-RC-AP, Kudos Plus Products)



(Enclosure order codes IQH3N-0, IQH3N-P)



(Enclosure order codes IQH3U-RC-0, IQH3U-RC-P)