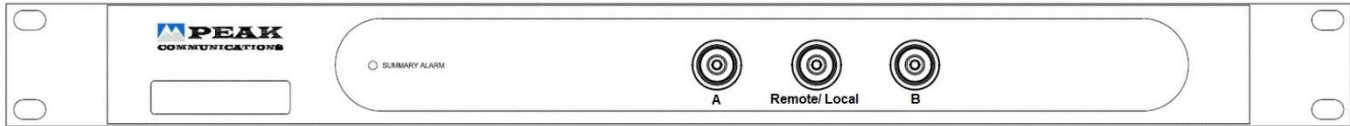


ISD Series

Rack Mounted Co-Axial & Waveguide Switch Control Units



The **ISD series** rack mounted control units provide a solution for driving external co-axial & waveguide switches in Satcom and other applications. Peak are happy to provide suitable new switches, or the units can drive & control existing 'legacy infrastructure' switches.

Single or dual switch controls are available with either independent or simultaneous actuation.

The **ISD series** units are designed for remote control via Ethernet, but are also offered with basic local controls. Remote control includes an embedded web-browser with SNMP network management support.

Peak can supply internal or external RF switches, systems and cabling, for more details please consult the factory.
For redundancy solutions including BUC /BDC /LNA /LNB monitoring & control, please see RCU50R /RCUH50 series.

Peak Features

-  Internal or external waveguide or co-axial switch control
-  Comprehensive remote control, plus local manual controls and indicators
-  Useable with existing 'legacy' RF infrastructure or new installations
-  Compatible with most makes of co-axial and waveguide switches



ISD Series Units – Typical Specification

Code S; single switch drive

Code D; dual switch drive, with independent or simultaneous* operation (user configurable)

Note: For simultaneous operation a delay between S1 & S2 actuation can be expected, duration will depend upon switch type & rating (please consult factory for details)*

External switch interface

Peak can supply switches etc. (please consult factory for details)

Switch Voltage
Code 2; +12VDC
Code 4; +24VDC
Switch type Pulsed, latching with indicators, positive or negative (user configurable)

Note: negative pulse versions can be configured for use without tell-back indicators

Connections Circular multi-pole (mating part supplied if no cable assembly ordered – see option 1)

Mechanical

Width 19", standard rack mount
Height 1U (1.75")
Depth 420mm (16.5"), plus connectors
Weight 4.0kgs (8.8 lbs)
Construction Aluminium chassis

Environmental

Operating temp 0 to +50°C
EMC EN 55022, part B & EN 50082-1
Safety EN 60950

Power Supply (dual, redundant)

Connection IEC (dual feed cables provided)
Voltage 90-264VAC
Frequency 47-63Hz
Power 50 Watts max.

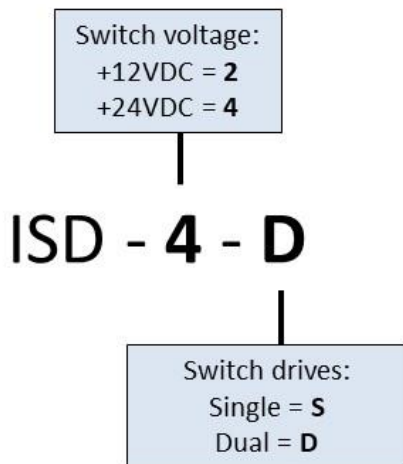
Control System

Alarms LED indicator & summary failure relay (form C)
Connection Circular multi-pole (mating part supplied)
Local control Switches with indicators for local /remote and switch position selection
Remote control Ethernet; embedded web server & SNMP network management support.
Connection RJ45

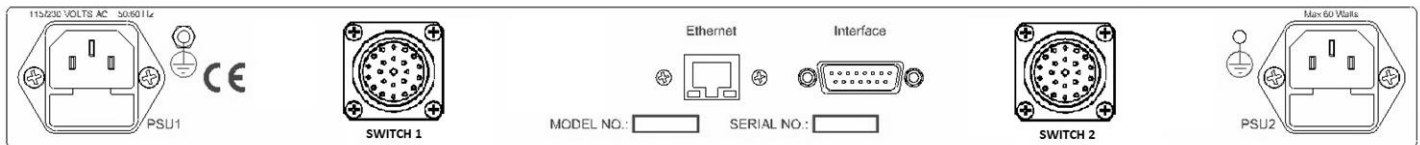
Options

- 1) Cable assembly for use between ISD and RF switches
- 16) Factory pre-set IP address

Ordering Code



Rear panel view (sample, dual-channel version)



PEAK
COMMUNICATIONS

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