

Model No: IRS-PI4032
Description: 40-Input, 32-Output
Digital Interface



The IRS - PI4032 is a DIN rail mount automation control module that allows third party dry contact custom control panel to interface to the IRS system. It provides 40 digital inputs and 32 digital outputs.

Product Specification

Connection

Net:	(2) 4-pin 3.5 mm detachable terminal blocks, paralleled port
Digital input:	(4) 10-pin quick lock terminal blocks
Digital output:	(4) 8-pin quick lock terminal blocks
12VDC source:	(4) 1-pin quick lock terminals
Reference ground:	(4) 1-pin quick lock terminals

Indicators

TX/RX:	(2) Blue LEDs indicate data throw to/from other modules on the same bus
RUN:	(1) Green LED flashing when device operated normally
BUS:	(1) Red LED indicates testing status

Control

Net ID:	(1) 8 digital physical address switch for setting RoomNet ID
W1:	(1) Recessed miniature pushbutton for module input/output testing
RESET:	(1) Recessed miniature push button reset the module

Power Requirements

RoomNet power usage: 0.72 Watts (30mAmps, 24V DC)

Enclosure

Light gray polycarbonate housing with polycarbonate label overlay, UL94 V-0, 35mm DIN EN 60715 rail mounted, DIN 43880 form factor of enclosure with 45 mm front panel cutout, occupies 8 DIN module space (144 mm)

Environmental

Operation temperature:	0°C - 45°C
Operation humidity:	20% - 90%

Dimension

Height:	90 mm
Width:	144 mm
Depth:	58 mm
Weight:	300 g

Features

- Allow third party dry contact custom control panel to IRS system
- Provide 40 digital inputs and 32 digital outputs
- Standard 35mm DIN rail mounting