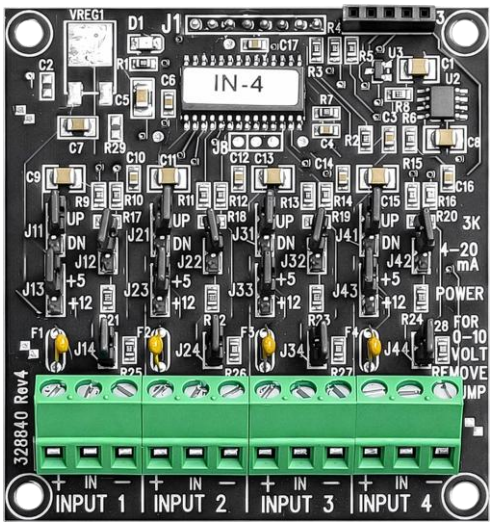
IN-4

Input Module

The IN-4 is a four-input Smart Module that precisely measures analog, digital, and pulse/count sensors. The IN-4 has a built-in microprocessor that continuously monitors the sensors and communicates the status and any fault conditions.

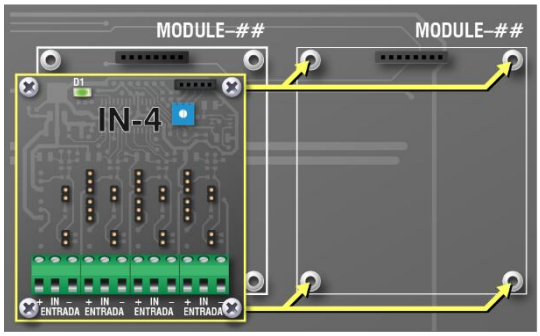


Before servicing the control or installing the module, switch OFF the incoming power at the source.

NOTE If you are replacing an existing module, label all wires and cables before disconnecting them and removing the module.

Installation

You can install the module in any of the positions.



1. Position the module over the connector (A) and then press straight on to the connector.
2. Fasten the module in place using **all four screws** (B) provided.

Digital switches or outputs

- Dry contact pulse output, such as a water meter
- Dry contact digital switch, such as a proximity sensor

Compatible sensors

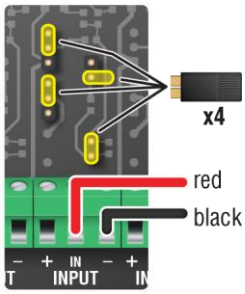
Function	Manufacturer	Versions	Phason part numbers
Temperature	Phason	3K series	Multiple
Humidity	Phason	All	RHS; RHS-P
Static pressure	Phason	--	SPS-2
Rain	Phason	--	PRS
Wind speed	Phason	--	WINDSPEED-03
Current	Phason	--	CURRENTSENSE-2
Temperature and humidity	DOL	DOL114 (4-20 mA)	DOL114-HUM-420
Carbon dioxide (CO2)	DOL	DOL119 (4-20 mA)	DOL119-CO2-420
Ammonia (NH3)	DOL	DOL53 (0-10 V)	DOL53-NH3-10V
Light	DOL	DOL16 (0-10 V)	DOL16-LIGHT-10V
Wind speed and direction	DOL	DOL58 (0-10 V	DOL58-WEATHER-V
Proximity	DOL	DOL26; DOL43; DOL44	DOL26-CAP-SCR; DOL43-CAP; DOL44-CAP
Water flow	DOL	DOL90	DOL90-WATER

Connecting sensors

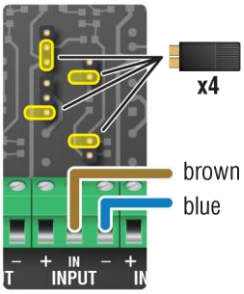
NOTE

The DOL119 carbon dioxide, DOL53 ammonia, and DOL58 weather sensors require external power supplies. For more information, refer to the installation guides for those products.

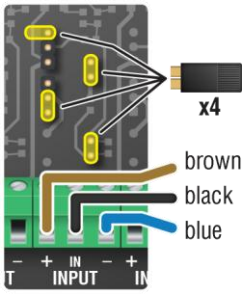
3K Series



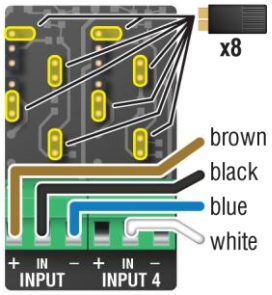
DOL15



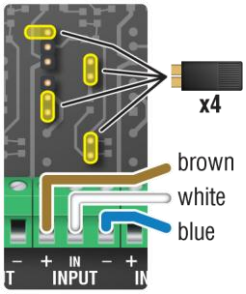
DOL114 temp. only



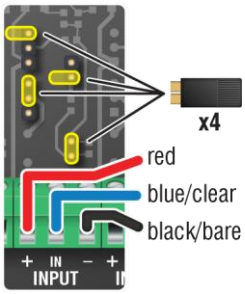
DOL114 temp. and hum.



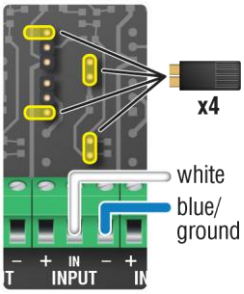
DOL114 hum. only



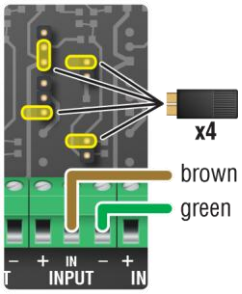
RHS



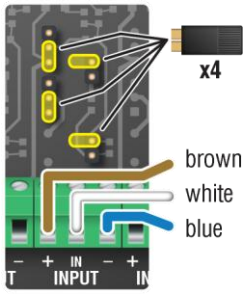
DOL119



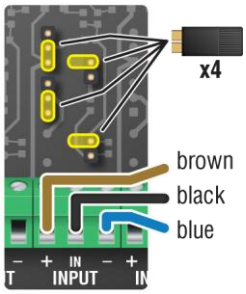
DOL53



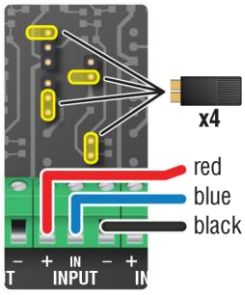
DOL16, 100 lux



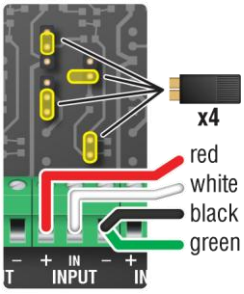
DOL16, 1000 lux



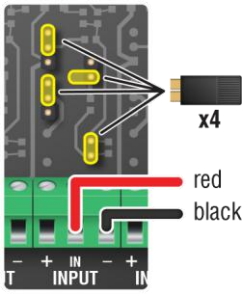
SPS-2



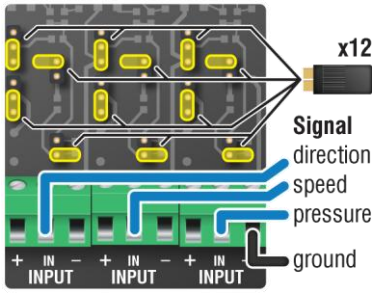
PRS



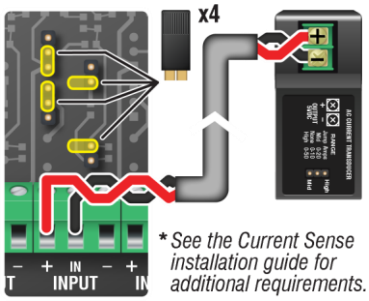
WINDSPEED-03



DOL58

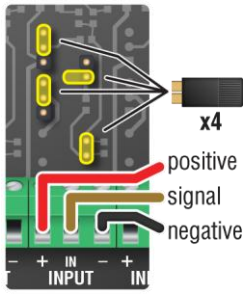


CURRENTSENSE-2

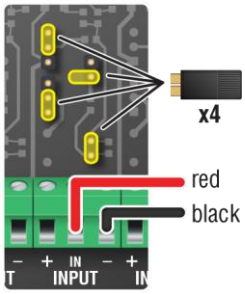


* *See the Current Sense installation guide for additional requirements.*

Dry contact pulse output



Dry contact digital switch



Phason