

SIGNAL CONDITIONERS

Solid State Mini Rail Mount Input and Output Modules

DR-IO



- ✓ High Density DIN Rail Mount Design
- ✓ 4000V Isolation
- ✓ Logic Levels Switch High Level AC and DC Circuits
- ✓ High Level AC and DC Signals Switch Logic Circuits
- ✓ Positive and Negative Logic Input Modules
- ✓ Fused Output (Output Modules)
- ✓ LED Logic Indicator
- ✓ Wide Logic Voltage Range
- ✓ Color-Coded
- ✓ TTL Compatible

DR-IO Series DIN rail mount input/output modules are ideal for connecting real world discrete signals to a computer interface and other electronic equipment. Most computer interfaces can only sense or generate low level TTL (0/5Vdc) signals. The DR-IO-OAC and DR-IO-ODC output modules can be used to sense high level ac and dc signals.

The compact design of the DR-IO modules permit high density mounting on a standard DIN rail.

The input modules are available with negative and positive logic versions. Negative logic modules produce a high logic signal when the input signal from the field goes low and a low logic signal when the field input goes high. With the positive logic modules, the logic signal follows the field signal; that is, the logic signal is high when the field signal is high and low when the field signal is low.

Specifications

Operating Ambient: -30 to 70°C (-22 to 158°F)

Storage Temperature: -40 to 100°C (-40 to 212°F)

Isolation: 4000 Vrms

Mounting: standard "C" or as Top Hat 35 mm DIN rails

Jumper Strips for Quick Connections



DR-IO-JUMPER, 10-position jumper strips are used to interconnect the positive and/or negative logic terminals, eliminating the need to use small jumper wires. The strips are copper plated and insulated, and can be cut to length as desired for an additional cost. Shown smaller than actual size.

To Order

Model No.	Module Type	Field Input	Field Output	Logic
DR-IO-OAC-R0-280	Output	—	12-280 Vac	4-28 Vdc
DR-IO-OAC-RA-280	Output	—	12-280 Vac	90-280 Vac
DR-IO-ODC-R0-060	Output	—	5-60 Vdc	4-28 Vdc
DR-IO-ODC-RL-060	Output	—	5-60 Vdc	4-28 Vdc
DR-IO-IAC-R0-280N	Input	90-280 Vac	—	Negative
DR-IO-IAC-R0-280P	Input	90-280 Vac	—	Positive

Ordering Example: DR-IO-OAC-R0-280, mini rail mount output module.