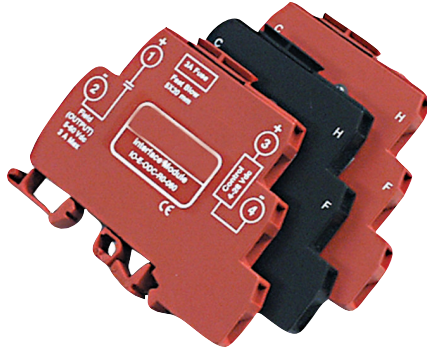


IO Series

DIN Rail Mounted Mini Input/Output Modules



Features

- 3 amps, 12 to 280Vac or 5 to 60Vdc
- AC or DC inputs
- LED logic indicator
- internally fused
- optically isolated

The IO Series of Mini input/output modules provide a high density, DIN rail mountable device for low power heating loads or conversion of AC or DC control logic levels to a low level DC signal.

Ordering code and specifications

Part Number	Output Voltage Range VDC	Max Load Current mA	Turn On Time Max ms (μs)	Turn Off Time Max ms (μs)	Input Voltage VAC (VDC)	Logic Type	Output Voltage Drop @ 100mA Load VDC
<i>Case Color: Yellow</i>							
I.O.-IAC-R0-280	4-28	100	20	20	90-280	Neg	.5
I.O.-IAC+R0-280	4-28	100	20	20	90-280	Pos	.5
<i>Case Color: White</i>							
I.O.-IDC-R0-028	4-28	100	(30)	(60)	(4-28)	Neg	.5
I.O.-IDC+R0-028	4-28	100	(30)	(60)	(4-28)	Pos	.5
Part Number	Input Voltage Range VDC (VAC)	Logic (Input) Impedance (R _C) Ohms	Output Voltage Range VAC (VDC)	Output Current Range A _{RMS} @ 45°C	Output Leakage Current @ Max Field Voltage	Output Voltage Drop @ Max I _{OUT}	
<i>Case Color: Black</i>							
I.O.-OAC-R0-280	4-28	1,500	12-280	.10-3*	5mA	1.65	
I.O.-OAC-RA-280	(90-280)	40,000	12-280	.10-3*	5mA	1.65	
<i>Case Color: Red</i>							
I.O.-ODC-R0-060**	4-28	1,500	(5-60)	0-3*	1mA	(1)	
I.O.-ODC-RL-060***	4-28	1,500	(5-60)	0-3*	100μA	(1)	
<ul style="list-style-type: none"> • 4000 V_{RMS} isolation field to logic on all model numbers • 3 amp 5x20mm Fast Fuse, replaceable 							
* The 3 amp output is obtained when there is <45°C ambient air surrounding all sides of the module. De-rate the output if the ambient temperature is higher or if the modules are tightly stacked together.							
** Turn On Time - 40μs, Turn Off Time - 40μs							
*** Turn On Time - 50μs, Turn Off Time - 100μs							