

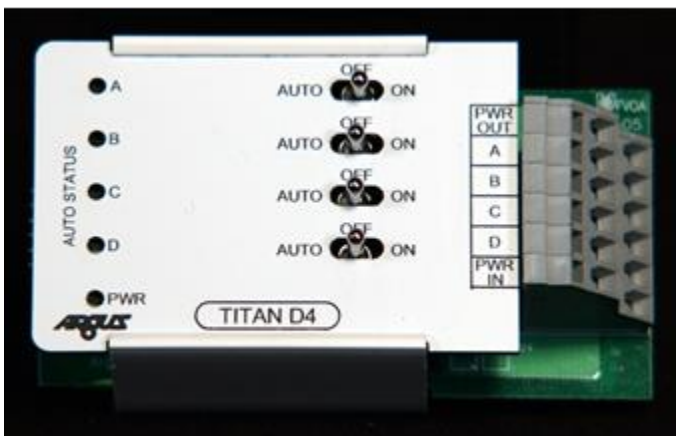
Titan D4 Output Digital Relay Board

The Titan D4 uses four, Form-A (normally open) relays for digital control of 4 independent devices. All four devices share a common control power source.



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Applications



The D4 is intended for Class II low voltage electrical loads such as 24 VAC relays or solenoid valves that share a common power source. Typical uses include irrigation valves and other low voltage On/Off applications.

This module cannot be used for dry contact applications since the outputs share the same common power buss (see the wiring diagram).

Alternatives

The **Titan D2** digital relay board provides isolated control for two on/off devices. Each can be powered from a separate power supply. Dry contact use is also possible. The **Titan D8** digital relay board provides 8 on/off outputs on a common power buss, but without manual override switches. For other applications, Argus provides a full range of relay boards for modulating and digital equipment control. Contact Argus for details.

Features

- **Manual Override Capability** - Used for field testing or emergency operation.
- **Microprocessor Based Output Control** – Provides the ability to use high-frequency output pulsing for power savings
- **Safe** – Low voltage control circuits reduce electrical shock hazards.
- **Status Indicator LEDs** – Indicate control signal status for each output.
- **Built-In Board Protection** – Varistors across output contacts reduce arcing, thereby extending contact life.
- **Easy to Install** – Simple plug-in connection to I/O Module and secured by single screw.
- **Economical** – Up to 32 outputs can be controlled by a single Titan I/O Module.

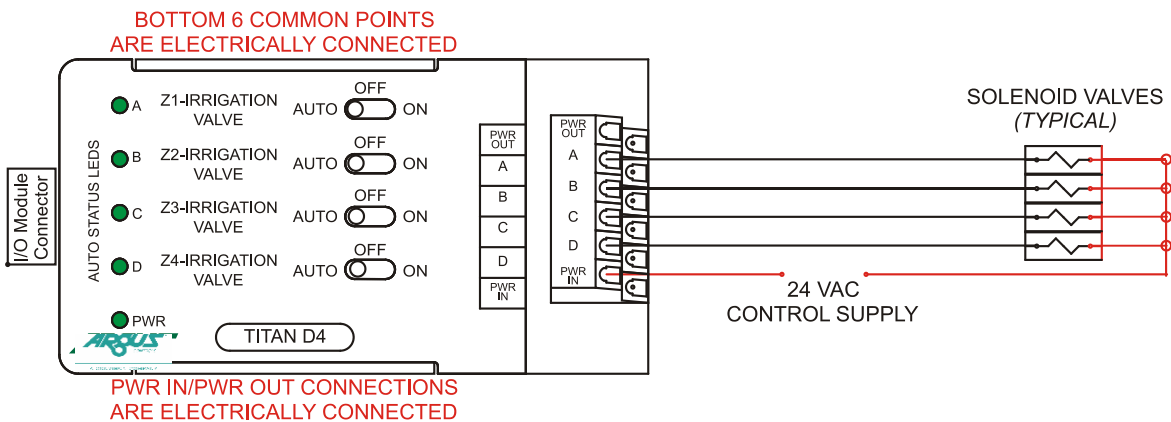
Specifications

Dimensions	4" x 2" x 1 1/2" (length x width x height)
Power Consumption	1.2W @ 24VDC (supplied via Titan I/O module connection)
Ampere Rating	3A Max @ 24V AC or DC
Isolation	5000 volts between field wiring and central computer
Line Voltage Loads	use external relays or contactors with 24V coils
Power Light Operation	<ul style="list-style-type: none"> 0.5s on, 0.5s off: normal operation with good messaging 0.5s on, 3.5s off: powered on but not assigned as a D8 or no message from I/O Module. All other states indicate a failure
Terminal Block	Double-deck PCB terminal block; 2.5 mm ² ; CAGE CLAMP®
Wiring	Fine-stranded conductor 0.08 ... 2.5 mm ² / 28 ... 12 AWG



Customer must provide an independent control power supply, sized and fused for the applicable loads (within Class 2 electrical ratings).

Wiring Details



Typical Wiring Configuration
For installation, refer to the custom wiring diagrams supplied with each part.

Additional Information

For more information, please contact Argus.



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