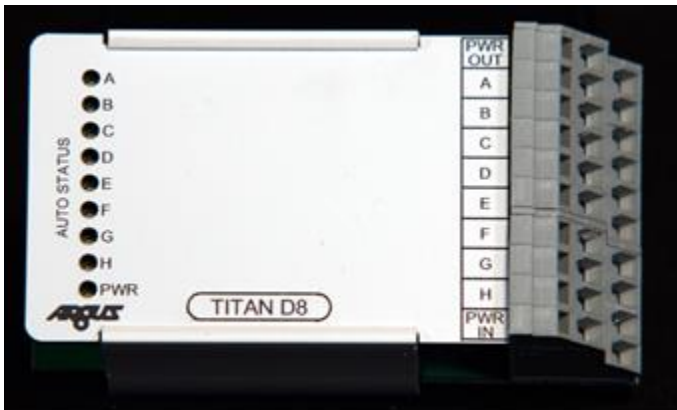


Titan D8 Output Digital Relay Module

The Titan D8 uses eight, Form-A (normally open) relays for digital control of 8 independent devices. All eight devices share a common control power source.



Applications



The D8 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 simple On/Off low voltage applications.

This module cannot be used for dry contact applications since the outputs share a 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 D4** digital relay board provides 4 on/off outputs, with on-board manual override switches. For other applications, Argus provides a full range of relay boards for modulating and digital equipment control. Contact Argus for details.

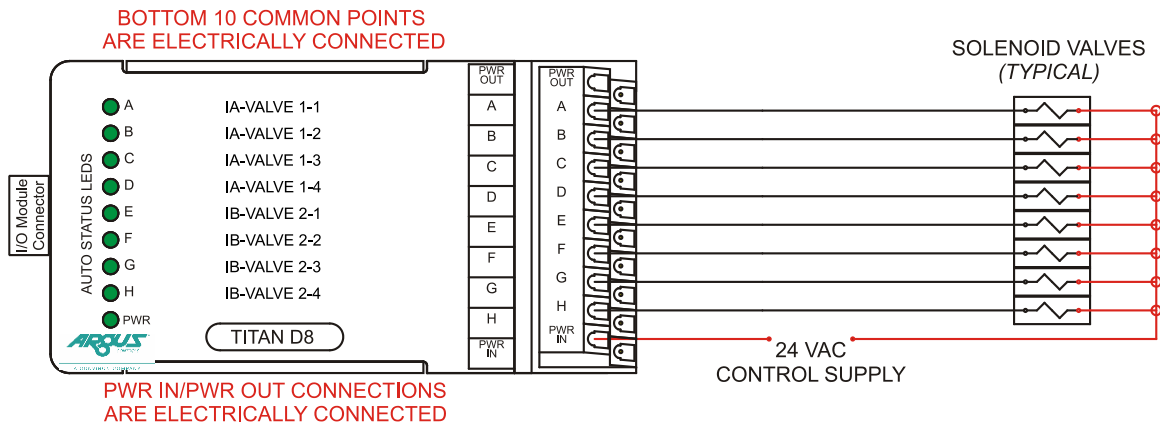
Features

- **Manual Override Capability** - No manual overrides are available on this output card.
- **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 1½" (length x width x height)
Power Consumption	2.5W @ 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

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.

