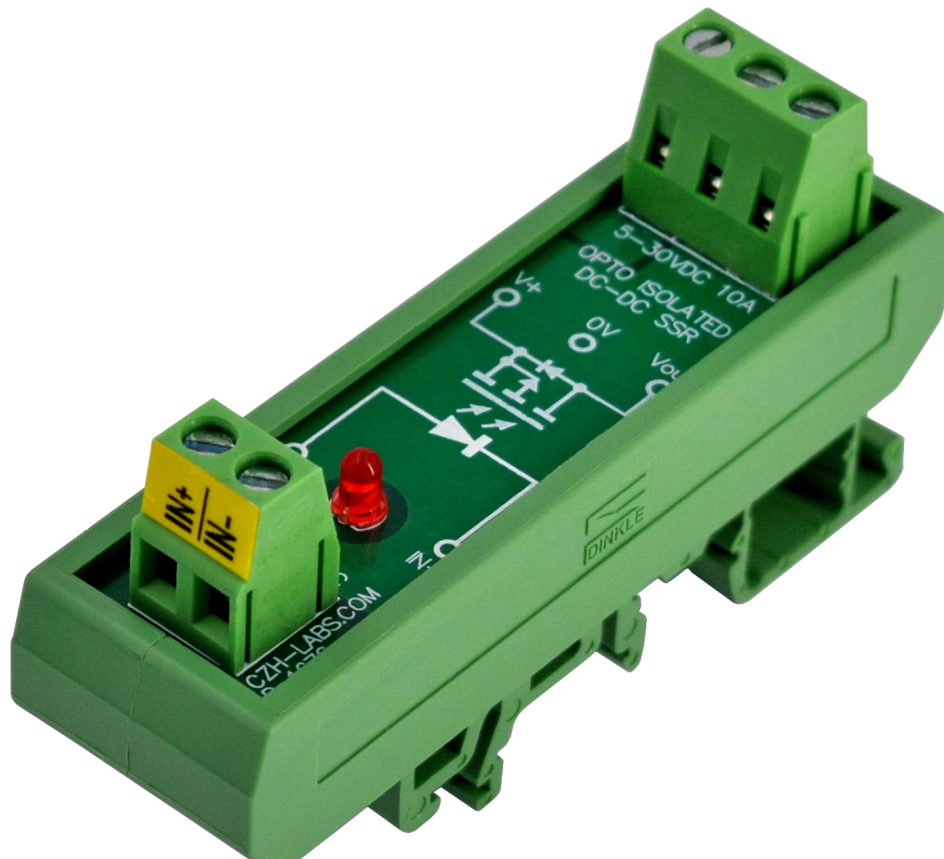


OONO®
CZH-LABS.com

**DIN Rail Mount DC-DC Isolated SSR
Solid State Relay Module**

Model: D-1676T



Features:

- This is a simple and practical solid state relay module, which is very convenient to use, for Arduino, Raspberry Pi, ESP32, PLC or other projects. The GPIO of these controllers are directly connected to this relay input to control the 5 to 30V high current DC power.
- Input signal turn-on voltage DC 3 to 32V, turn-off voltage DC 0 to 0.8V. LED indication for relay turn-on.
- Output voltage range: DC 5 to 30V. Maximum on-state average current 10 Amp. Maximum on-state current 20 Amp (< 2 second). Non repetitive surge peak on-state current: 160 Amp (<400uS). Maximum on-state resistance 8 milliohms (0.008 ohm).
- Photocoupler isolation between input control signal and controlled power, isolation surge voltage up to 5000V.
- High quality fireproof nylon material DIN rail mount carrier, can support width 35mm 32mm 15mm rail.
- UL CE certified nylon material mount carrier. FR-4 fiberglass material PCB, UL 94-V0 certified PCB. UL CE CQC certified terminal blocks.

Characteristic Parameters:

Input Signal Control Terminal:

Action Voltage: 3 ~ 32 VDC.

Current: 5mA at 3VDC, 6mA at 5VDC, 8mA at 12VDC, 11mA at 24VDC, 13mA at 32VDC.

Turn off voltage: 0 ~ 0.8 VDC.

In-Out isolation surge voltage: 5000V.

Output Terminal:

Load voltage range: 5 to 30 VDC.

Max. on-state average current: 10 Amp.

Max. on-state current: 20 Amp (< 2 second).

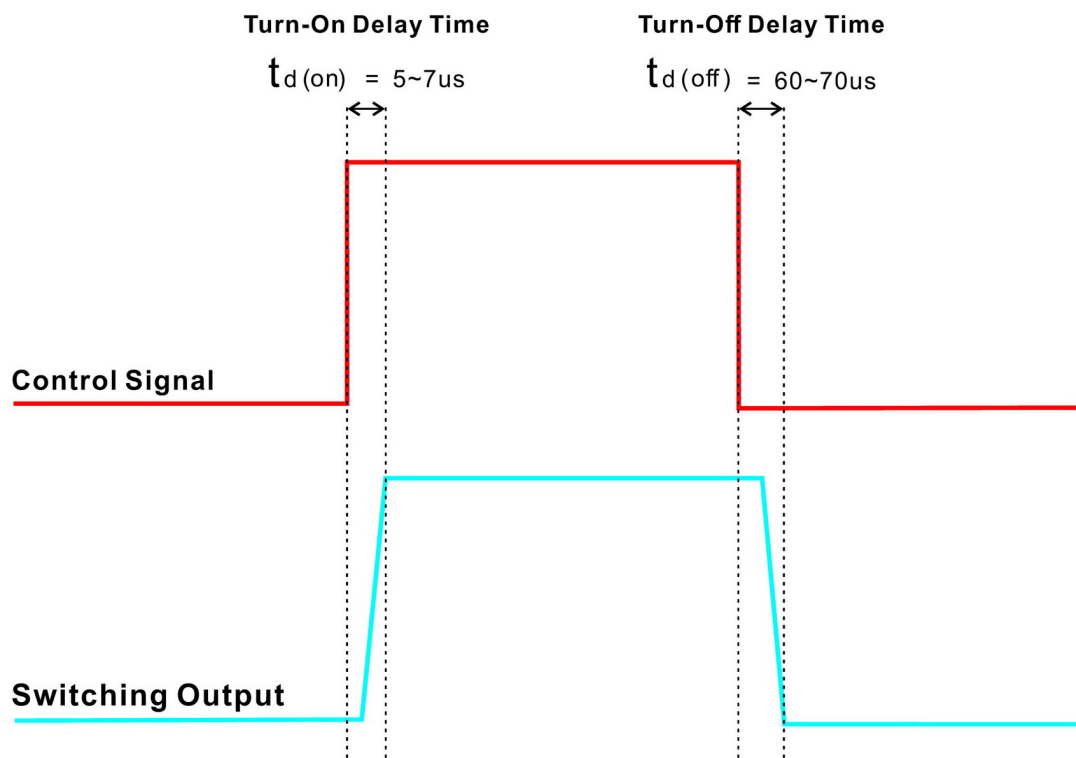
Non repetitive surge peak on-state current: 160 Amp (<400uS).

Max. on-state resistance: 8 milliohms (0.008 ohm)

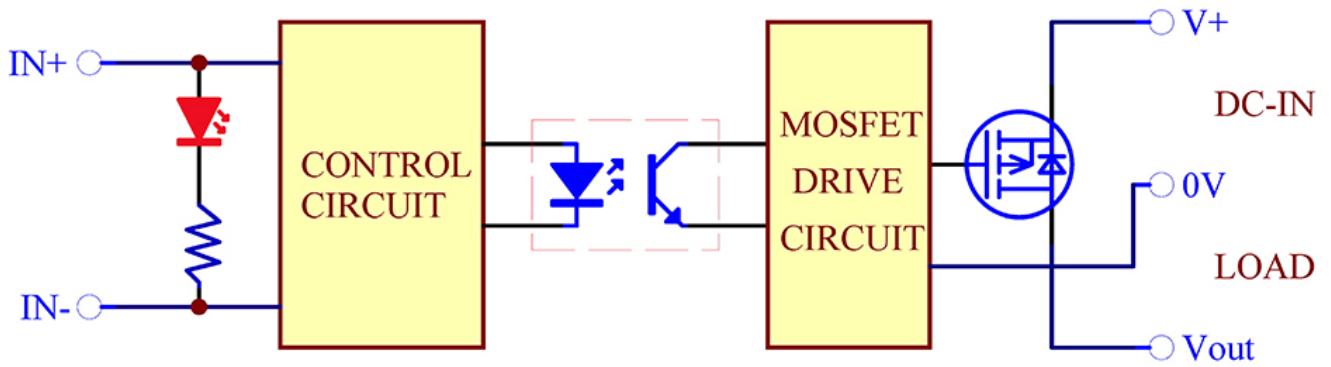
Load type: General purpose.

Turn-on delay time: 5 to 7 uS

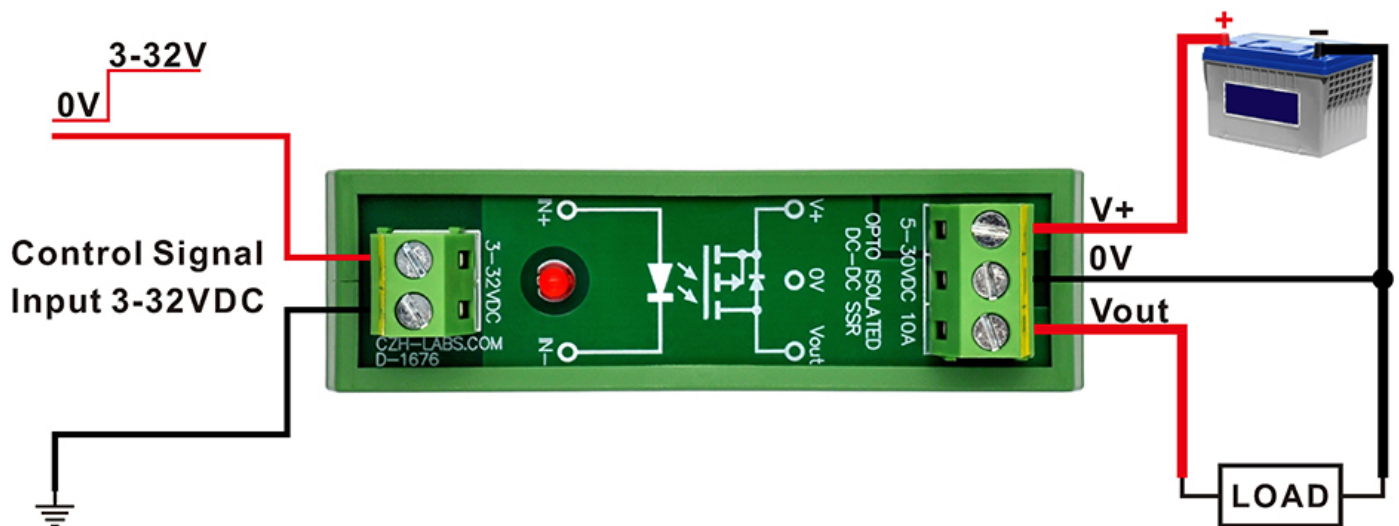
Turn-off delay time: 60 to 70uS

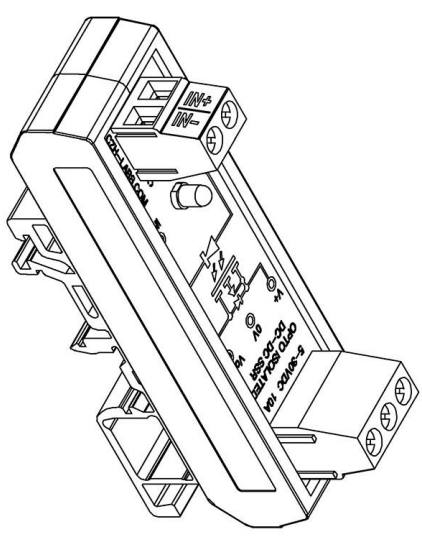
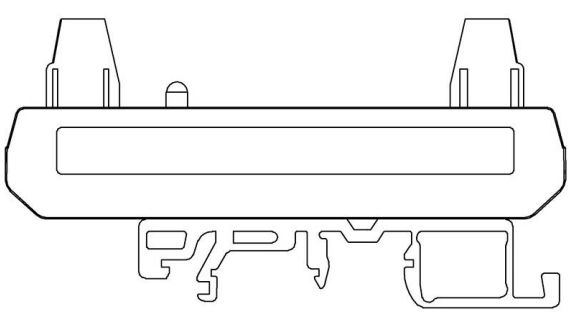
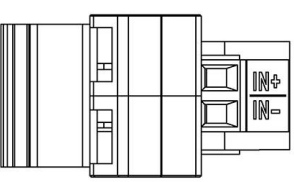
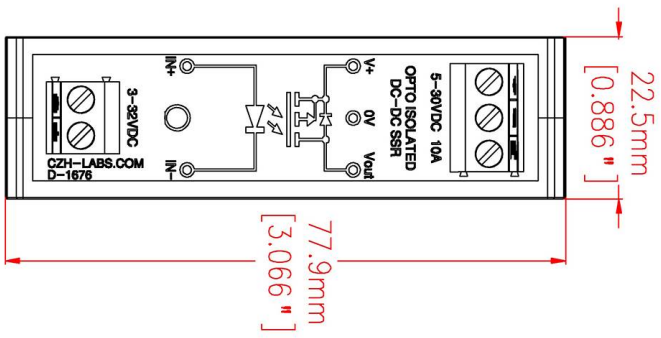
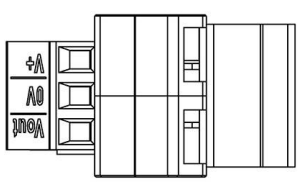
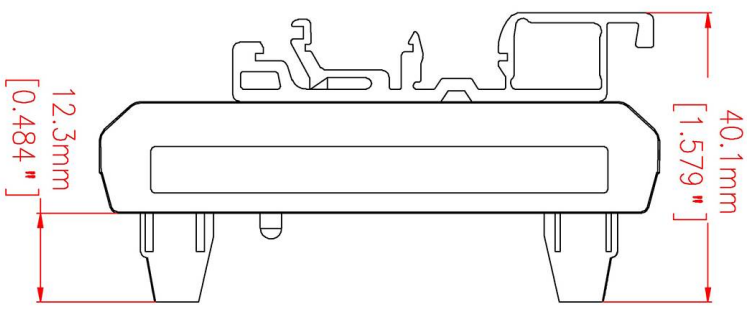


Schematic:



Typical Connection Diagram:





00N0[®]		czh-labs.com	
MODEL NO:	D-1676T	SKU:	DM-D1676T-1
PROJECTION:		UNIT:	mm / inch