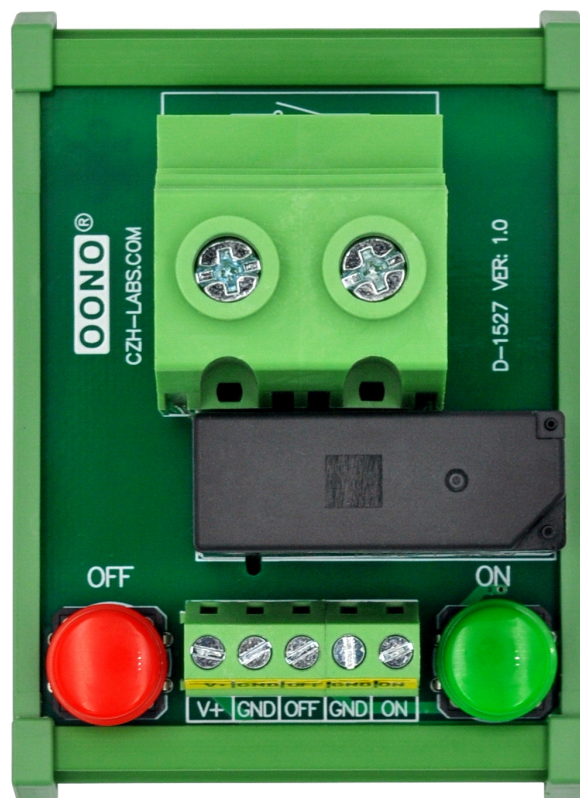


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**DC12V SPST 90Amp 277VAC/60VDC Latching Relay
Module, DIN Rail Mount**

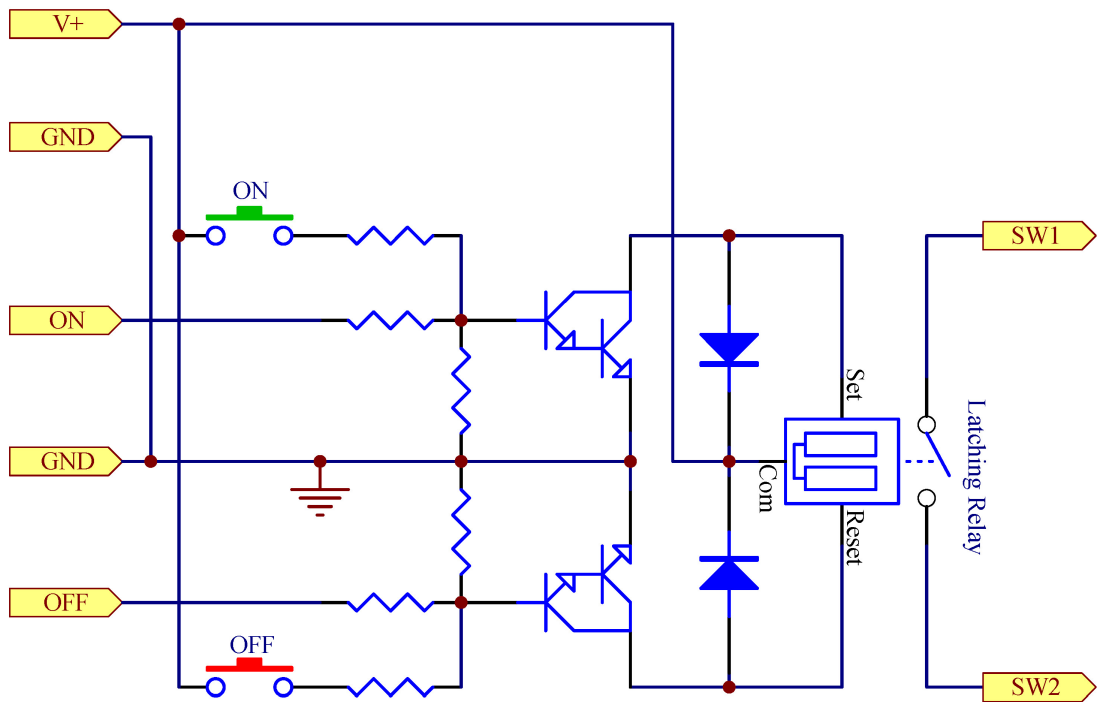
Model: D-1527T
SUK: MD-D1527T-1

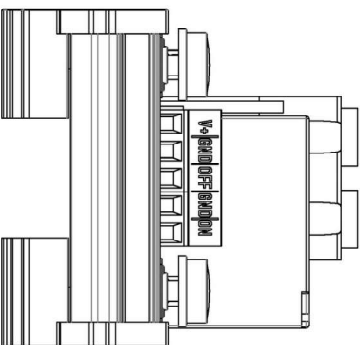
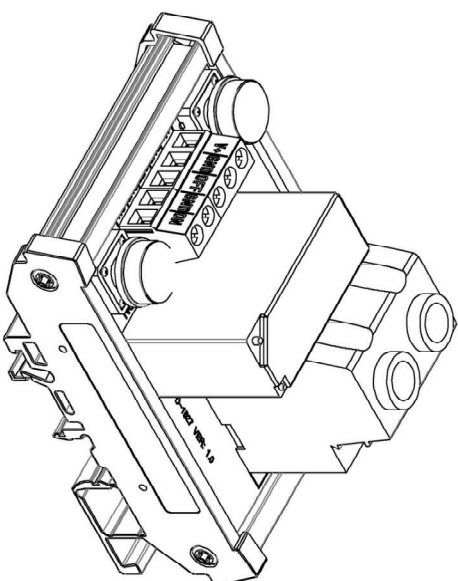
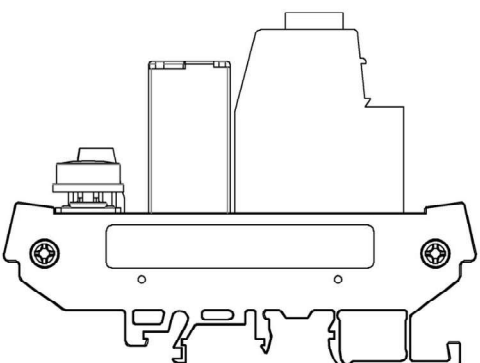
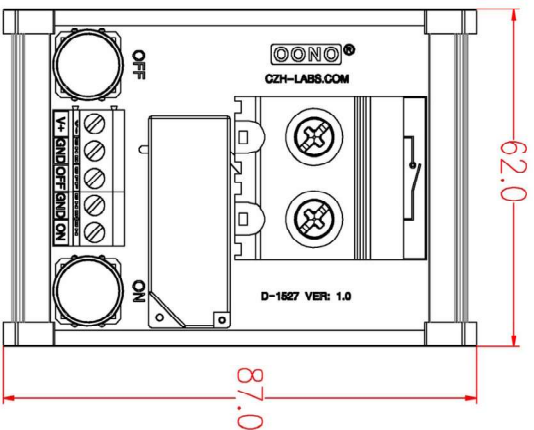
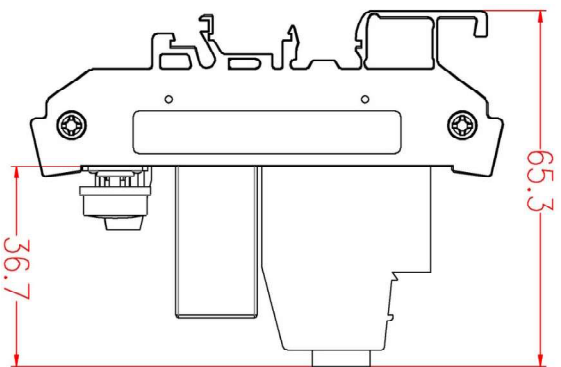
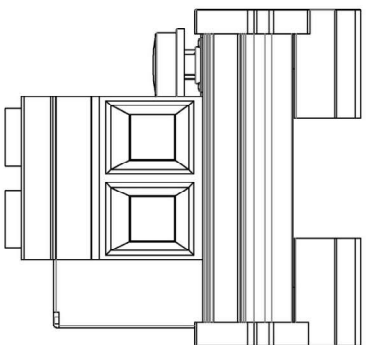


Features:

- If you are looking for a latching relay with power-off memory, then this module will be very suitable for you. Even if the operating power is turned off, the status of the output switch will not be affected in any way, it will remain in the state before the power was turned off. The product support control from Arduino, Raspberry Pi, ESP32, MCU, PLC, DSP etc, it can also be directly operated by the ON and OFF buttons on the product.
- **Control Terminal:**
Operating voltage: DC 9 to 15V.
Operating current: Relay change moment 500mA, Quiescent 0mA.
Control signal ON or OFF pulse width: 50mS(min.) to 60S(max.).
Control signal level: High 3 to 32V(Pulse), Low 0 to 0.5V.
Control signal pulse current: 0.4mA (at 3V), 0.8mA (at 5V), 2.3mA (at 12V), 4.8mA (at 24V), 6.5mA (at 32V)
- **Output Switch:**
SPST (Single Pole Single Throw).
Rated current/voltage AC 90A/277V or DC 90A/60V.
Electrical endurance capability: breaking under 2000A for 0.3mS for 300 times.
Inrush current withstand capability up to 500A for 2mS.
- **Terminal Block:**
Input control terminal:
Pin pitch 5.0mm/0.2", wire size 28 - 12 AWG, stripping length 7mm, Metric M2.5 slotted screw.
Output switch terminal:
Pin pitch 15.0mm/0.59", wire size 20 - 2 AWG, stripping length 19mm, Metric M4 screw.
- High quality fireproof nylon material DIN rail mount carrier, can support width 35mm, 32mm or 15mm rail. FR-4 fiberglass dual copper layers PCB. UL CE CQC certified terminal blocks, UL 94-V0 certified PCB, and UL CE certified DIN rail mount carrier.

Power supply voltage: DC 9 to 15V, Connect to V+ Power supply current: Relay change moment 500mA, Quiescent 0mA, Control signal ON or OFF pulse width: 50mS(min.) to 60S(max.) Control signal level: High 3 to 32V(Pulse), Low 0 to 0.5V Pulse current: 0.4mA/3V, 0.8mA/5V, 2.3mA/12V, 4.8mA/24V, 6.5mA/32V		
OFF Terminal	ON Terminal	OUTPUT SWITCH
High	Low (or N/C)	Change to OFF
Low (or N/C)	High	Change to ON
Low (or N/C)	Low (or N/C)	Keep the last state unchanged
High	High	Uncertain state
Illegal state, not allowed.		





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MODEL NO: D-1527T SKU: MD-D1527T-1

PROJECTION:  UNIT: mm