

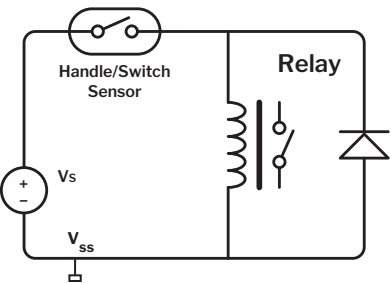
Industrilas Vector™
Trigger Latch Central Locking
Installation Manual

Industrilas Vector™ Trigger Latch Central Locking

Techinal Specifications	
Operation Voltage	12V or 24V DC
Supply Current/ Current Consumption	2A (max) @12V 1A (max) @24V
Lock/Unlock Pulse Time	0.5 - 1.0 sec (Do not Exceed)
Handle Status Sensor	Max 175V DC, 0.25A
Handle Sensor Output	Contact closed when handle closed
Lock Status Sensor	Max 30V DC, 0.5A
Lock Sensor Output	Contact closed when handle locked
IP Rating	IP66
EMC Standards	UN ECE R10
Operating Temperature	-40 to +70°C
Maximum Tightening Torque	6 ±0.5 Nm
Mechanical override cylinder	Yes

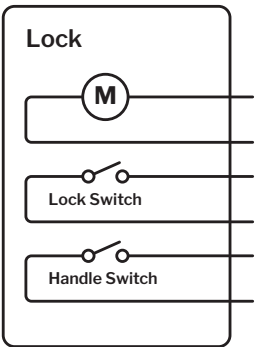
Specifications

Example Circuit Driving a Relay

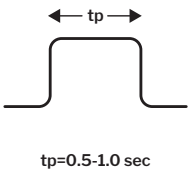


When a reed switch is used to control an inductive device (relay coil or solenoid, motor, etc.) the energy stored in the inductance in the device will subject the switch contacts to a high voltage when the reed switch opens. When the switch contacts open, the gap is initially small. Arcing across this contact gap can occur immediately after the switch opens. Increased arcing decreases switch life or may damage the switch permanently. Typically a diode is used to suppress the arcing. Make sure your circuit has a suppression diode when driving inductive loads!

Schematic Diagram

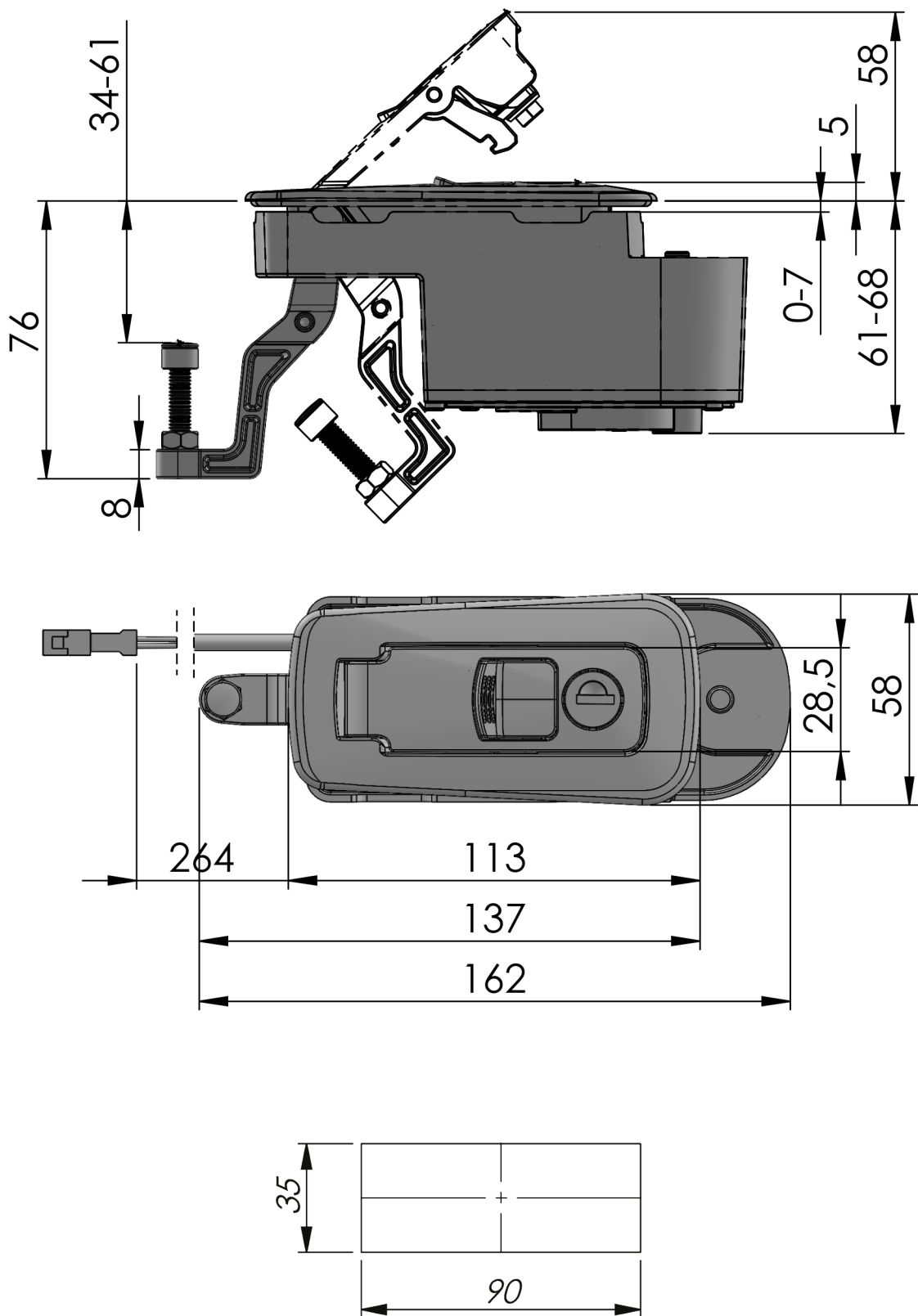


Lock Control Signals



UNLOCK: Positive voltage pulse (tp) on Input A
LOCK: Positive voltage pulse (tp) on Input B
A constant voltage on either input will destroy the motor.

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