Precision Circuits Inc

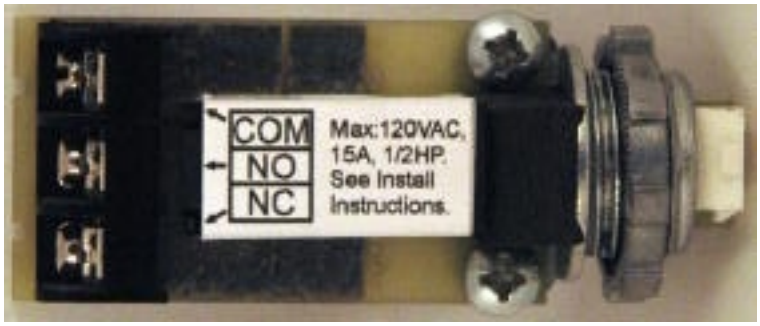
Relay Module

00-10026-200
15amps 3/4hp

00-10026-200
15amps 1/2hp

00-10026-100
15amps 3/4hp

00-10026-300
15amps 1/2hp



The Relay Module can be used to safely control (on/off) any 120V appliance using 12V signals. The Relay Module is just a simple SPDT relay that has been repackaged, having both Normally Closed (NC) and Normally Open (NO) contacts available through screw terminals. With the Common (COM) and NC contact, connected to a TV, Block Heater or Awning, it can be used as an Ignition Lock-out feature. Using the NO and COM contacts, the Relay module can control a Water Heater.

Key Features:
1. UL Listed.
2. Safe Isolation of 120V and 12V wiring.
3. Can be used in any listed electrical enclosure with a ½" knock-out.

c UL 36V9 US
LISTED

700 South Road Lisle, IL 60532 www.PrecisionCircuitsInc.com 630-240-9832 Rev B

RELAY MODULE

Specifications:			
Part Numbers:	00-10026-000	15 amps 3/4hp	w/Vertical Terminals
	00-10026-100	15 amps 3/4hp	w/Right Angle Screw Terminals
	00-10026-200	15 amps 1/2hp	w/Vertical Terminals
	00-10026-300	15 amps 1/4hp	w/Right Angle Screw Terminals
	11-10026-000	Available Pigtail for Low Voltage connector	
Environment:	Indoor, Out of direct weather		
	Must be mounted inside listed electrical enclosure		
Dimensions:	1-1/8" x 1-1/8" x 2-1/4" inside enclosure		
	1" x 1" with 1-3/4 " clearance to remove connector outside enclosure		
Mounting Hole:	½" standard electrical knockout		
Low Volt connector	Amp Mini-Universal Mate-N-Lok #172165-1 (Mating connector)		

	Min-Hold	Min-Operate	Typical	Maximum
Relay Coil Volts DC	2.0VDC	9.0VDC	12.0VDC	16.0VDC
Relay Coil Amps DC			0.03amps	0.1amps
Contact Volts AC Rating			120VAC	
NO & NC Contact Rating Model -000, -100			15amps 3/4hp	
NO & NC Contact Rating Model -200, -300			15amps 1/2hp	
Screw Terminals Torque			9-in-lbs	
Screw Terminal Wire Range		22awg		12awg
Ambient Temperature (UL Rated)		-40°C		+60°C

Installation:
1. Install inside any listed electrical enclosure, ensuring that the Screw Terminal side of the Relay Module is inside the enclosure when complete. Also there must be 1/4" clearance from any part of the module to any adjacent metal walls or exposed electrical conductors. (Clearance to the mounting wall is built into the Relay Module itself).

2. Remove ½" knock-out in enclosure.

3. Remove the supplied lock-nut, install Relay Module through the knock-out hole; from inside enclosure, and reinstall and tighten the lock-nut.

4. Wire the appliance to be controlled to the Screw Terminal Block, tightening to the proper torque specification.

5. Connect the low voltage wires to the relay coil through the 2 pin connector outside the enclosure.

6. Check wiring and cover the enclosure prior to applying power.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to Precision Circuits Inc.

IMPORTANT:
Tighten all electrical connections before energizing. Follow Torque Specifications above

DANGER:
HAZARD OF ELECTRICAL SHOCK OR BURN. TURN OFF POWER SUPPLY BEFORE WORKING INSIDE.

120/240VAC surrounding Relay Module posing potential lethal electrical shock. This equipment should only be serviced by a qualified Service Technician.

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