

# PLUG-IN INTRINSICALLY SAFE BARRIER RELAYS

## ISP SERIES



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### APPLICATION DATA

#### Input Voltage:

120V AC,  $\pm 10\%$ , 50/60Hz

#### Load (Burden):

1.25 VA

#### Input Switch Open Circuit Voltage:

6V DC

#### Output Contacts:

SPST-NO 10A @ 120V AC Resistive

#### Life:

Mechanical: 10,000,000 operations

Full Load: 100,000 operations

#### Response Times:

Operate: 11 ms

Release: 4 ms

#### Temperature:

Operate: -20° to 60°C (-4° to 140°F)

Storage: -45° to 85°C (-49° to 185°F)

#### Insulation Voltage:

2,000 volts (between coil and contacts)

#### LED Indicator:

Green ON when output contact is closed and OFF when output contact is open.

#### Mounting:

The socket can be both mounted on 35 mm DIN rail or panel-mounted with two #8 screws.

#### Control Drawing:

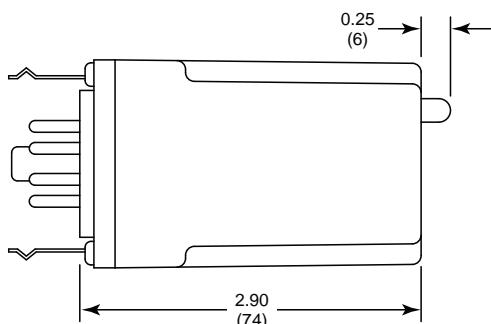
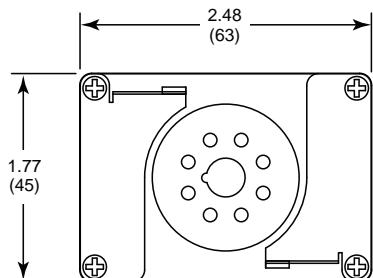
See Instruction Sheet 901-0000-260, which includes Control Drawing ISR2A01D

#### Approvals:

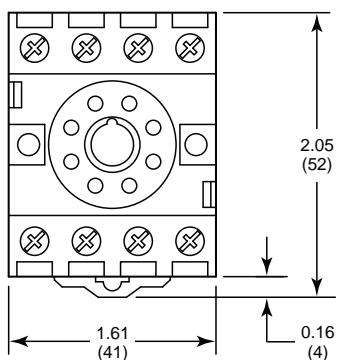


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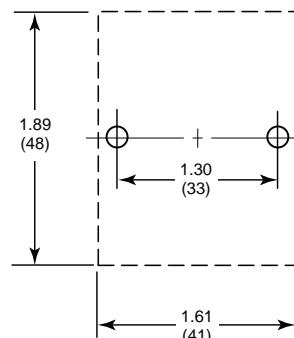
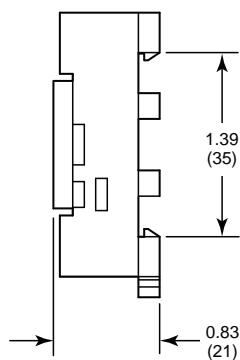
### DIMENSIONS



ISP Series



Socket Provided with Relay



Panel Mount Template

All Dimensions in Inches (Millimeters)