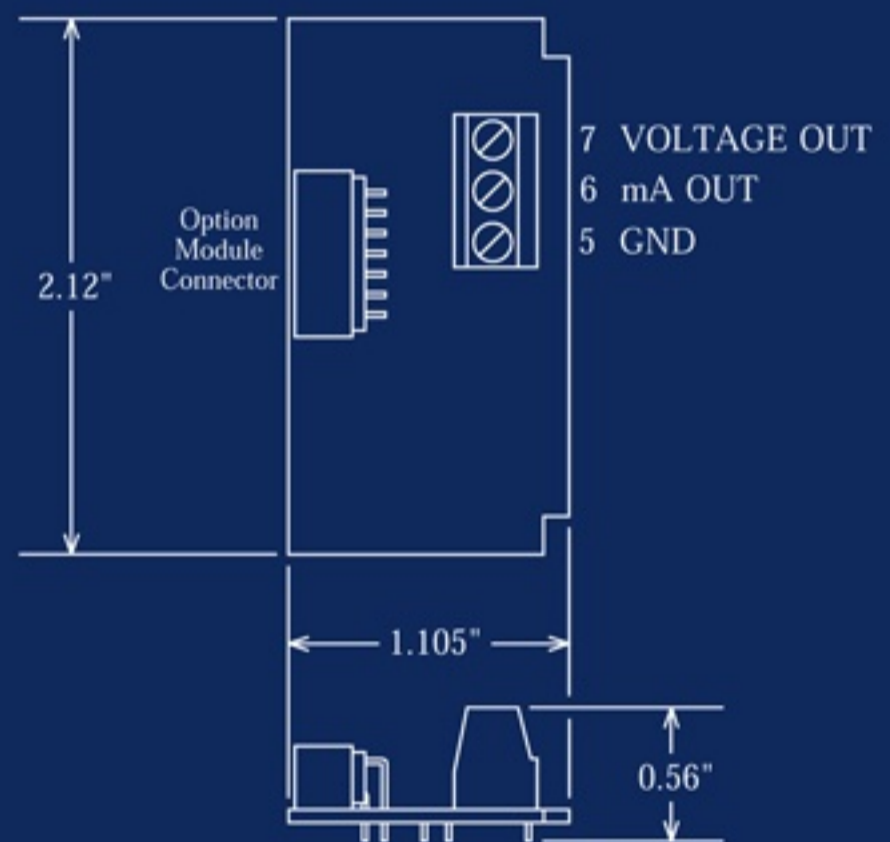
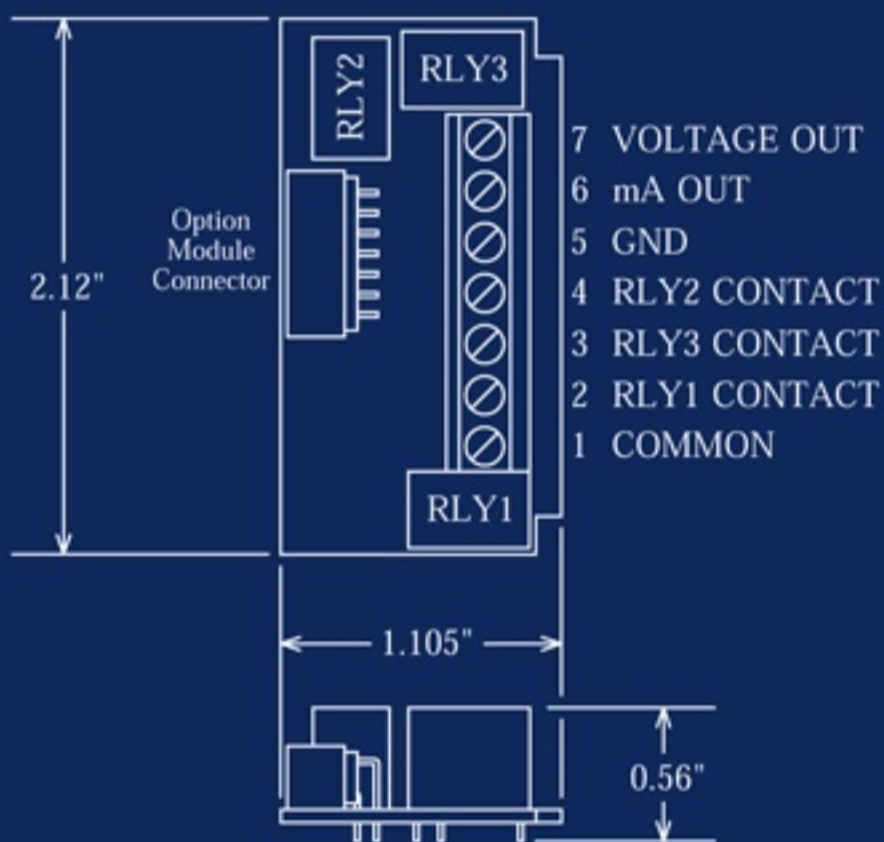


# INDELAC

CONTROLS, INC.



## HIGH-RESOLUTION 4-20mA FEEDBACK TRANSMITTER BOARD AC Voltage

Installation, Operation & Maintenance Manual

# PEAKTRONICS

## DHC Series Option Modules

The Peaktronics OTR-100 and OTX-100 Option Modules are specifically designed for use with the Peaktronics DHC Series controllers. Both modules provide an output signal that can be scaled to any range from 0 to 20mA (for the current output) or from 0 to 10V (for the voltage output). The OTR-100 also has three relay contact outputs that can be used to drive alarm devices or provide process limit switches.

When plugged into a DHC controller (see below), the current or voltage output is easily calibrated to any desired current or voltage range. The DHC controller's datasheet describes the function and calibration of the output signal and relay contacts.

## SPECIFICATIONS

### CURRENT OUTPUT

0 to 20mA @ 8VDC or 400Ω maximum  
Resolution: 0.0031mA

### VOLTAGE OUTPUT

0 to 10VDC @ 10mA maximum  
Resolution: 0.0016VDC

### RELAY OUTPUTS

Switch Contact Type: SPST  
Contact Rating (non-inductive):  
1A @ 24VDC / 0.5A @ 125VAC

### ENVIRONMENTAL

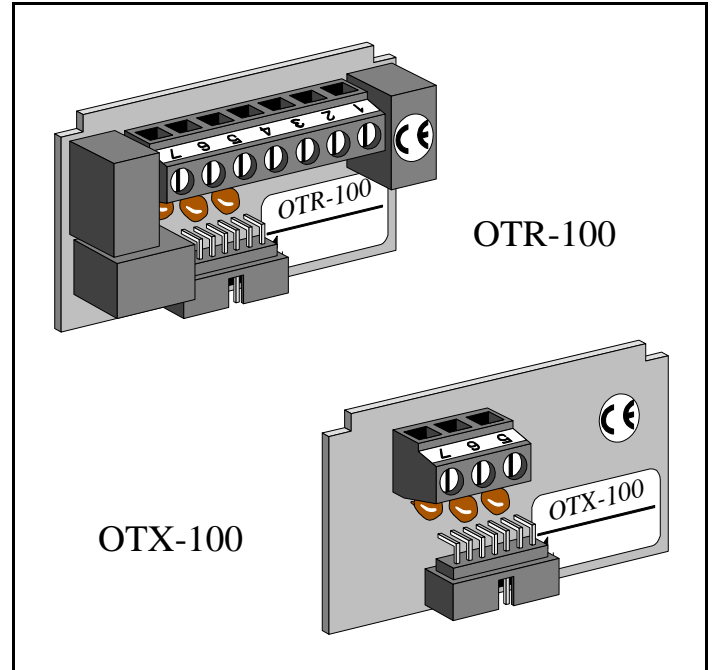
Operating Temperature: 0 to 60 °C  
Storage Temperature: -40 to 85 °C  
Relative Humidity: 0 to 90 % (non-condensing)

## OTR-100

V/mA Feedback Transmitter / Relay Output

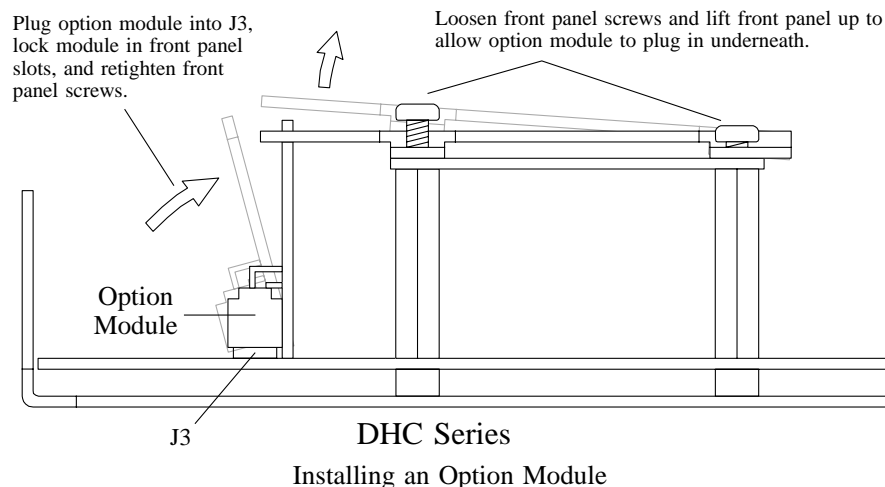
## OTX-100

V/mA Feedback Transmitter



### CE CERTIFICATION

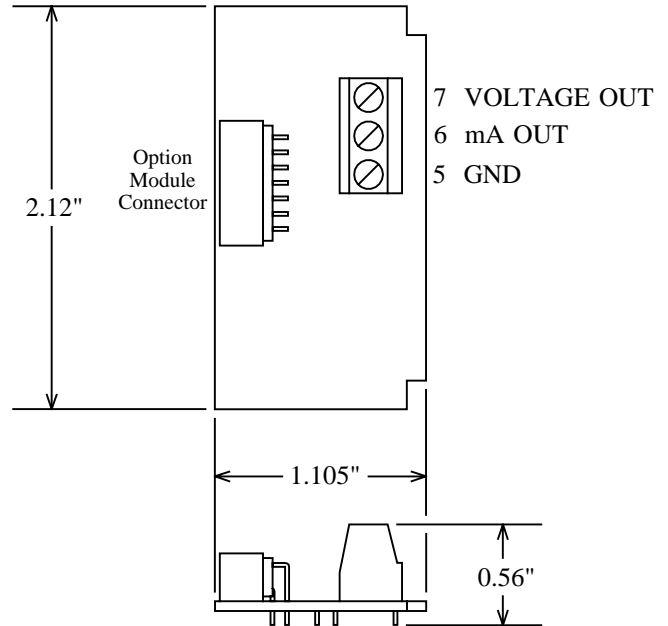
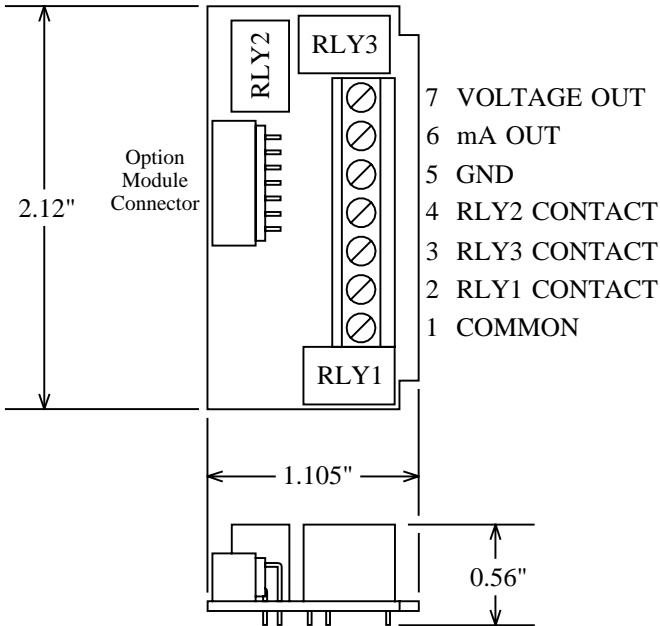
EN55011 (Class A RF Emission)  
EN61000-4-2, EN61000-4-3, EN61000-4-4  
EN61000-4-5, EN61000-4-6, EN61000-4-11  
Peaktronics reference document: 1001-6A



## OUTLINE

OTR-100 ☺

OTX-100 ☺



## TYPICAL APPLICATION

