

ADT139DIKX Deviation Trip Amplifier with Display

- Supply voltage: 115VAC ±20%
- RFI Protection (IEC61000-4-3) (<10V/m)
- AMELEC Standard 10 year warranty

Technical Specifications

Input

I/P 1 = Vcom = -1 to +6V I/P 2= Vback = -1 to +6V Input impedance 1M ohms 0V's

Output

A D.P.C.O. relay changes state on either trip condition contacts, rated at 250VAC, 2A, 100VA, resistive. With the toggle switch resting in the centre position.

Display of the Vcom signal on a 3½ digit LCD. Operating the SET button shows Vback Pushing the toggle to read 1 or 2 shows the multiple of the current Vback signal being displayed

Display calibration: -1.00 to +6.00

Trip Settings & Adjustment Range

Trip 1 = Vback > 1.05Vcom Trip 2 = Vback < 0.95Vcom

Multiplier range: 0.8 to 1.2 of Vback

Also trips if Vback < ZERO setting (-1 to +1V)

Isolation

500Vdc Input(s)/Contact(s)/Supply/Earth

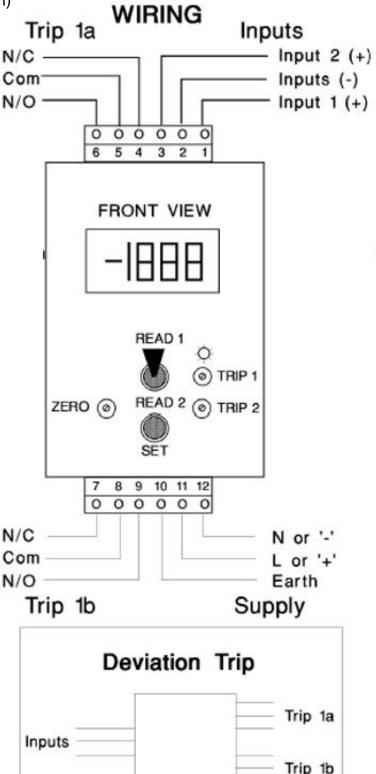
<u>Performance</u>

Trip settability: ±1%
Trip repeatability: ±0.1%
Response time: <400mS

Environmental Conditions

Storage Temperature: -40 to 70°C
Operating Ambient: -15 to 55°C
Relative Humidity: 5 – 95% RH

Mounting/Dimensions 50w x 75h x 182d (mm)



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