

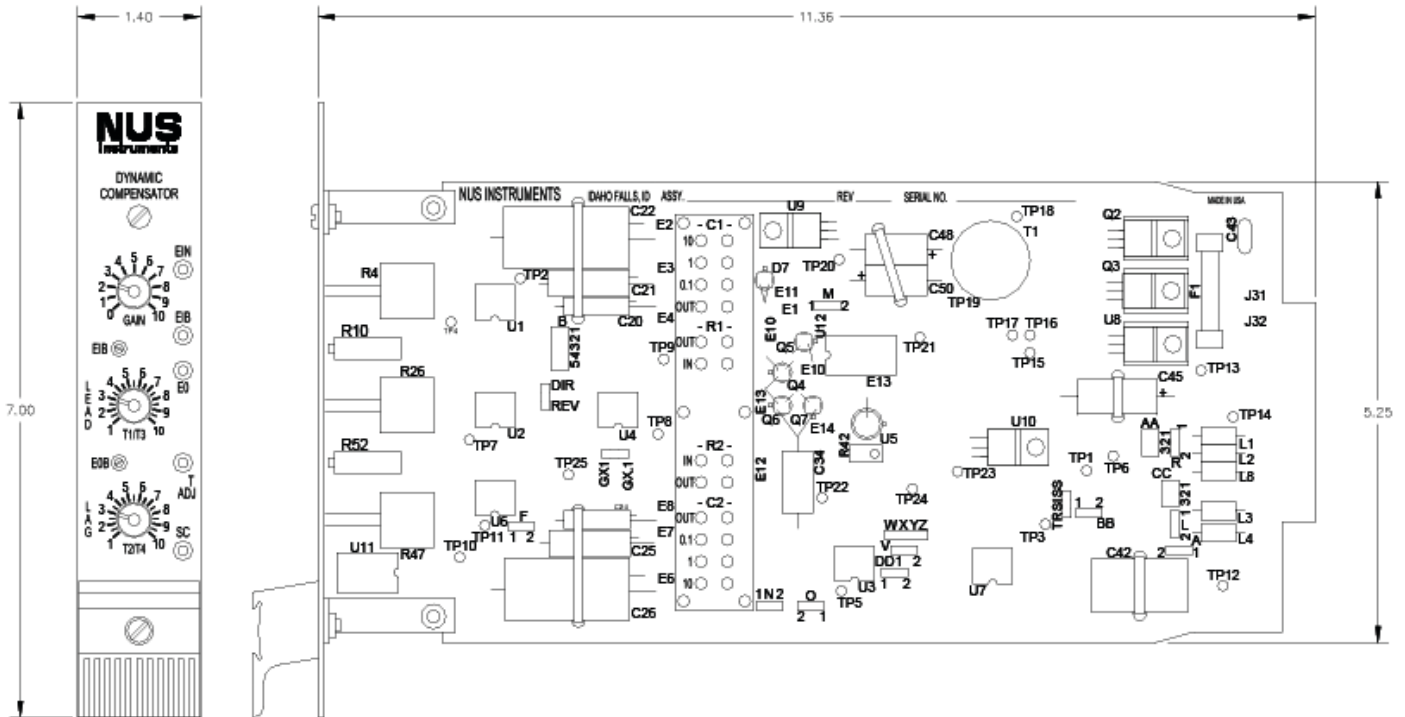
DYC2000-755 Dynamic Compensator

The DYC2000-755 Dynamic Compensator replaces the obsolete Bailey Type 755 dynamic compensator while retaining the functions of the Bailey module.

The DYC2000-755 provides adjustable gain and time-related functions for dynamic compensation in analog control systems. The input, feedback, and output circuits of this module are easy to configure via jumper placement, to provide lead-lag, lag, rate, proportional, integral, proportional & integral, and rate-limited follower.



DYC2000-755



NUSI 2000 Series

Dynamic Compensator

SPECIFICATIONS

Input Signals:	1 V to 5 Vdc normal or ± 4 Vdc. Input resistance exceeds 1 M Ω
Output Signals:	± 7.5 Vdc maximum. Output impedance < 1 Ω . Allowable load 1.5 k Ω minimum
Accuracy:	$\pm 0.25\%$ of span @ gain = 1
Frequency Response:	3 db down @ 9 Hz ± 2 Hz. Phase angle less than 80°
Power Supply Voltage:	0.150 A @ 24 V ± 2 Vdc (20 V to 28 Vdc operative limits)
Operating Influence:	Supply Voltage: 24 V ± 2 Vdc ($\pm 0.05\%$)
Ambient Temperature:	40 °F to 120 °F (5 °C to 49 °C) (normal operation)
EMI/RFI Protection:	EPRI Report TR-102323, Rev. 2
Dimensions:	1.4 in x 7 in x 11.5 in
Weight:	Rack-mounted: < 1 lb
Mounting:	Bailey Type 761 Rack Unit
Legend:	Legend plate holder is integral with the withdrawal handle

For more information please request a
Dynamic Compensator Operation & Maintenance Manual.

CONTACT INFORMATION:

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