

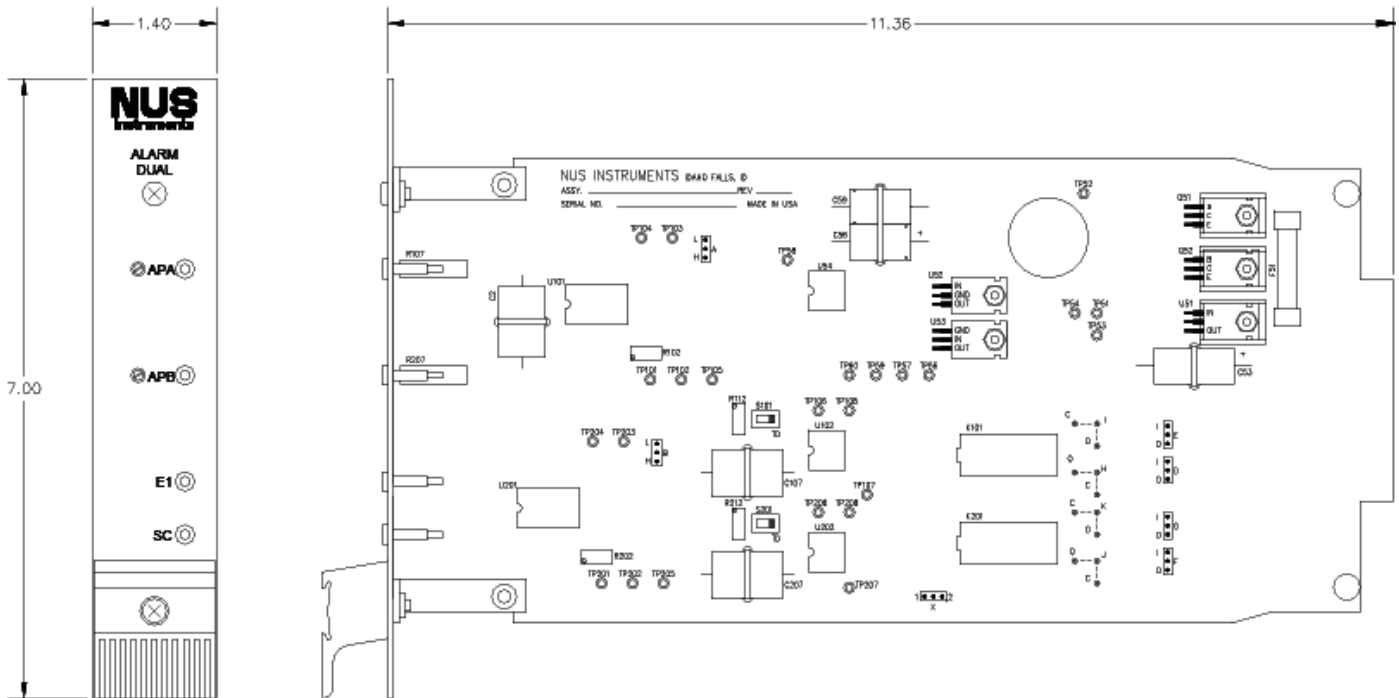
SAM/DAM2000-745 Single/Dual Alarm

The SAM/DAM2000-745 Single/Dual Alarm replaces the obsolete Bailey Type 745 alarm while retaining the functions of the Bailey module.

The SAM2000-745 Single Alarm may be a high or low alarm. The DAM2000-745 Dual Alarm has two reference signals with the same input signal, and may be used to affect: a high and a low alarm; two levels of high alarm, or two levels of low alarm. A voltage sensitive solid-state comparator is used in these alarm units to energize or de-energize an integral electro-mechanical relay when an input signal of 1 V to 5 Vdc exceeds or falls below a preset alarm-point value. The alarm points are continuously adjustable over the input range from the front of the unit.



SAM/DAM2000-745



NUSI 2000 Series

Single/Dual Alarm

SPECIFICATIONS

Input Signal:	1 V to 5 Vdc. Input resistance exceeds 1 M Ω
Output Signal:	PC board-mounted relay; 2 sets Form A or Form B contacts per channel with RC arc suppressor
Alarm Point:	Adjustable 1 V to 5 Vdc
Deadband Adjust:	0.5% to 5% of span, (0.02 V to 0.2 Vdc)
Response Time Constant:	< 100 ms
Relay Contact Rating:	4 A, 120 V ac; or 3 A, 30 Vdc, non-inductive
Accuracy:	24 Vdc input, 80 °F, $\pm 0.5\%$ of span
Power Supply Voltage:	Single Alarm: 0.125 A @ 24 V ± 2 Vdc (22 V to 28 Vdc operative limits) Dual Alarm: 0.150 A @ 24 V ± 2 Vdc. (22 V to 28 Vdc operative limits)
Operating Influence:	Supply Voltage: 24 V ± 2 Vdc (± 0.05 %)
Ambient Temperature:	40 °F to 120 °F (5 °C to 49 °C) (normal operation) 0 °F to 140 °F (–18 °C to 60 °C) (operative limits) 0 °F to 120 °F (–18 °C to 49 °C) (storage)
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
RTD Converter Operation & Maintenance Manual.

CONTACT INFORMATION:

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