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Find the *Acromag 4646-SN-NP-1* at our website: ***Click HERE***

Acromag
LEADER IN SIGNAL CONDITIONING

30765 WIXOM ROAD • WIXOM, MICHIGAN 48096 • USA
TELEPHONE (313) 624-1541 • FAX (313) 624-9234

MODEL 4646

The Acromag Model 4646 is a 160A-VH alarm relay modified for a special input. This unit accepts a contact closure input. Excitation for the contact closure is provided by the Acromag module. The excitation rating is +24VDC, current limited to approximately 1mA.

The modifications of this unit are:

R_{24} = Open
R_{25} = Jumper
R_{31} = Open
R_{46} = 24.9k ohm, 1%, 1/2w, T2
R_{47} = Open
D_3 = Open
Q_9 = Open

A jumper was placed between the emitter and collector of Q_9.

A jumper was placed between the collector of Q_9 and In+. One foil was cut.

The setpoint potentiometer (R_{31}) was removed, and a setpoint of approximately 11.7 volts was established. Deadband adjustability remains at 0.1 to 5%. All other features of this unit are as standard. Please refer to the below documents and the product label for more Model 4646 product information.

Reference: Instructions 1-026.4
Bulletin 1-022.0

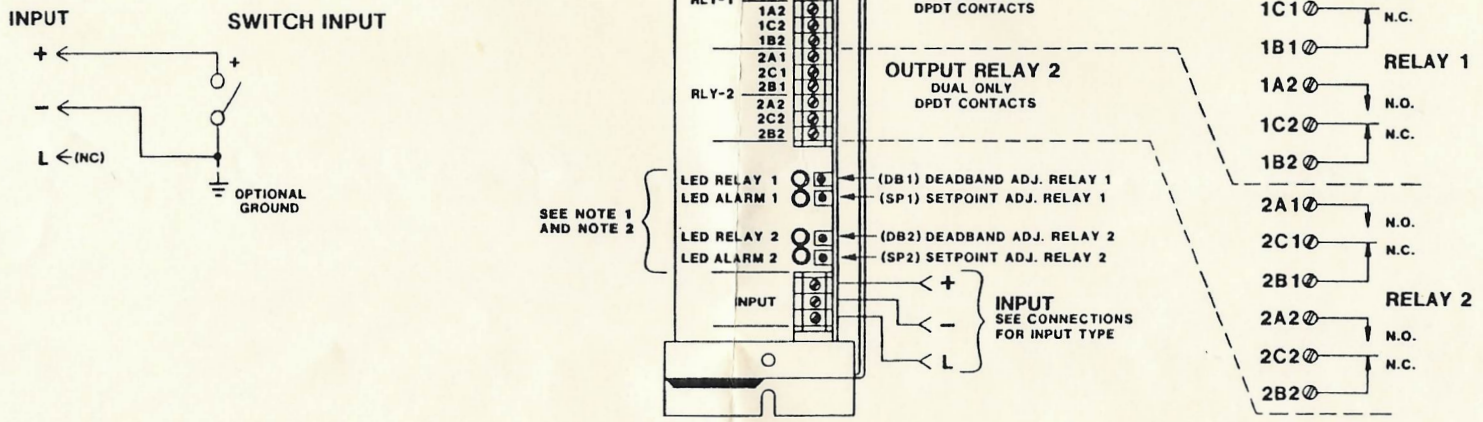
EP908394-03

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mw

DATE	BY	REVISION RECORD	DR	CK

−1		−2		−3	
115V AC		230V AC		24V DC	
L1	AC(HI)	L1	AC(HI)	DC	+24V
W	AC(LO)	L2	AC(LO)	DC	COM.
G	GROUND	G	GROUND	G	GROUND



NOTES:

1. LED ALARM 1 AND LED ALARM 2 (DUAL) ARE INSTALLED ON UNITS WITH THE "-T", TIME DELAY OPTION.
2. THE "ALARM" LED WILL LIGHT AS SOON AS THE INPUT EXCEEDS THE SETPOINT . THE "RELAY" LED INDICATES RELAY PULL-IN (DROP-OUT) AFTER THE TIME DELAY.

MODIFIED ALARM CONNECTIONS

TOLERANCES (EXCEPT AS NOTED)	ACROMAG, INC.-WIXOM, MICH.	
DECIMAL .	SCALE	DRAWN BY: DV
FRACTIONAL .	TITLE: 4646 ALARM CONNECTIONS	APPROVED BY:
ANGULAR .	DATE: 1-3-83	DRAWING NUMBER: 4646-SN-NP-1

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