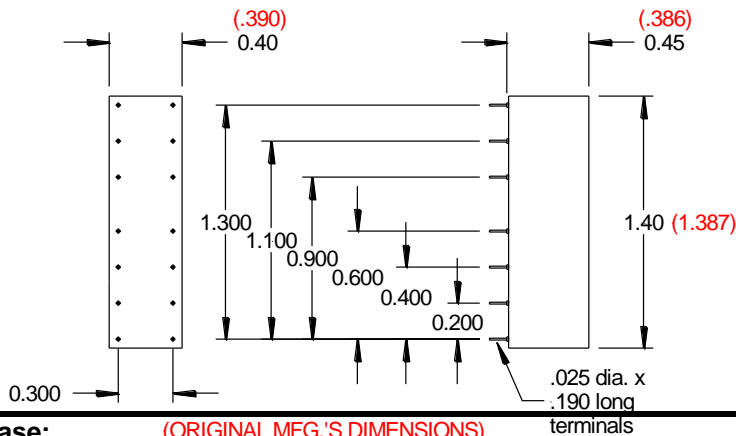


MASTER ELECTRONIC CONTROLS

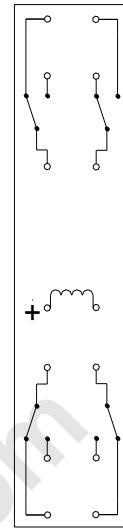
P/N: DS4E-M-DC24V



Sketch: (not to scale)



Circuit Diagram: (bottom view)



Case: (ORIGINAL MFG.'S DIMENSIONS)

Metal:
Plastic:
None:

Terminals:

Diameter: .025
Length: .190
Centers: see drawing

Contact Specifications:

Maximum switching power: 62/60 va/watts
Maximum switching current: 2.0 amps ac/dc
Maximum switching voltage: 250/220 volts ac/dc
Breakdown voltage: 1000 volts ac

Contact Configuration:

A B C 4 D
Mercury Dry X

Electrostatic shield:

Yes: No:

Other Contact Data:

Bifurcated Contacts, material: Palladium-Ruthenium, gold covered

Relay Specifications:

Coil resistance (@25°C): 1728-2640 ohms
Nominal coil voltage: 24 vdc
Pullin voltage - max.: 18.0 vdc
Dropout voltage - min.: 2.4 vdc
Dielectric between cont. sets: 1000 vac
 coil/cont: 1500 vac
 cont/cont: 1000 vac

Other Relay Data:

Life and environmental characteristics same as Aromat DS4E-M-24V with the exception of:
Shock: ½ sine 11 msec.: 15G max. (original 30 G's)
Vibration: 10G's @10-500 HZ (original 20 g's @ 10- 55HZ)

Magnetic shield:

Yes:
No:

ROHS compliant

Adjustment:

Single side stable: X
Bi-stable:

Replacement for: Mfr. Aromat
 Mfr. MEC

P/N DS4E-M-24V
P/N NI-4421

Description: Magnetic Reed Relay – Four pole – Form C – 24 VDC

Prepared By: BJN

Date: 07/19/09

Customer: VARIOUS