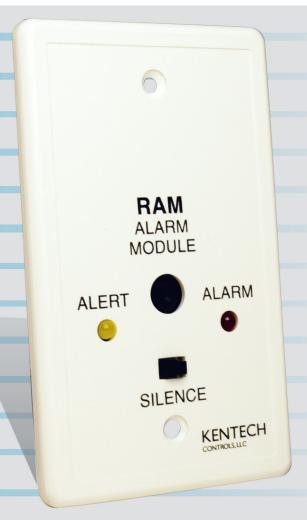# KENTECH
CONTROLS LLC

RAM ™

REMOTE ALARM MODULE

DESCRIPTION

The **RAM™** is a general purpose 24vac/vdc alarm module which utilizes a piezoelectric horn, LED indicator lights and a 2PDT relay to warn a user of an alarm condition. The **RAM™** also has multiple adjustable time delays and features a silence switch and test mode, all contained on a standard size wall plate for mounting on an electrical handibox.

SEQUENCE OF OPERATION

When 24VAC, 24VDC or a signal from the RIM-5 indicating module is applied to the **RAM™** through a contact closure, the yellow "Alert" LED will light and begin the initial delay timing as set on the dip switches. After the selected initial delay time has expired, the yellow alert LED will go off, the red alarm LED will light, the horn will sound and the 2PDT relay will energize. When the silence button is pressed, the horn will be silenced, the red LED will remain on, the relay will remain energized and the alarm repeat timing as set on the dip switches will begin. After the selected alarm repeat time has expired, the horn will again sound until it is silenced, at which time the repeat timing will begin again. Once the alarm condition is removed (the 24vac/vdc signal is removed from the **RAM™**), the alarm, lights, horn and relay will de energize and the unit will reset.

SPECIFICATIONS

Power:	24VAC @ 100ma or 24VDC @ 35ma
Alarm status relay:	2PDT gold-clad 1A @24VAC,2A @24VDC
Alarm horn:	85 db at 10 cm. continuous or pulsed tone
Operating limits:	0-130 deg. F 0-95%RH, non-condensing
Initial delay time:	none or 1 sec. to 8.6 hrs adjustable
Repeat delay time:	no repeat or 1 min. to 116 hrs adjustable
Connections:	Screw terminals 22-14 AWG wire
Mounting:	White plate w/black lettering mounts to standard single junction box, 2 screws provided
Dimensions:	4.5"H x 2.75"W x 1.25"D (11.4 x 7.0 x 3.2cm)
Weight:	2.1 oz, (60 g)

FEATURES

Yellow Alert LED

Red Alarm LED

Alarm Horn, Continuous or Pulsed tone

Alarm Horn Silence Switch

Adjustable initial alarm delay time

Adjustable Repeat Alarm Delay time

Alarm Status 2PDT Relay

Relay-Follows-Horn Mode

Delayed Relay Mode

TDR/Horn Disable Mode

Test Mode

Rohs Compliant

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