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AL24

Features

- Alarm monitoring
- Outputs for lamp and horn
- Indicators for output contacts

Product Description

Alarm relay provides LED indication and output contact signalling when there is alarm signal received. The alarm relay consist of alarm input, alarm accept, alarm reset, lamp test controlled input and 2 relay contacts. Red LED indication for relays. The relay 1 (LED) flashes and the relay 2 (LED) turned on when alarm signal is received.

Technical Data

INPUT
Auxiliary input   : 24 V DC ± 5%
Max power consumption : 2 W

INPUT CONNECTION
Alarm input   : Pin 7
Aalrm accept   : Pin 4
Lamp test   : Pin 8
Reset   : Pin 5
Common   : Pin 6

INPUT TYPE
Dry contact

OUTPUT CONTACTS
Rated voltage   : 250 V AC
Contact rating   : 5 A
Expected electrical life   : 100,000 operations at rated current
Expected mechanical life : 5×10^6 operations

INDICATORS
Auxiliary supply   : Green indicator
Relay 1 (Lamp)   : Red indicator
Relay 2 (Horn)   : Red indicator
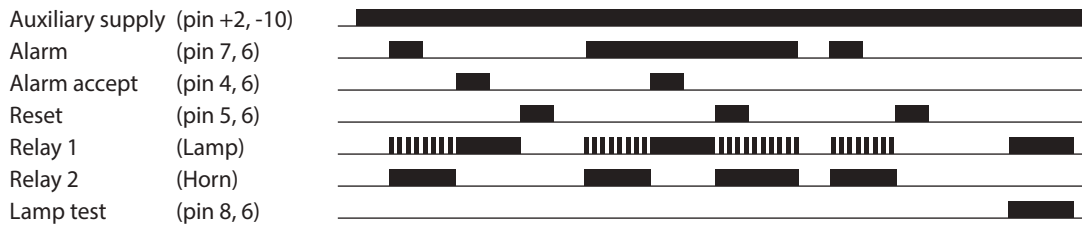
ENVIRONMENTAL CONDITIONS
Temperature   : -5˚C to +55˚C
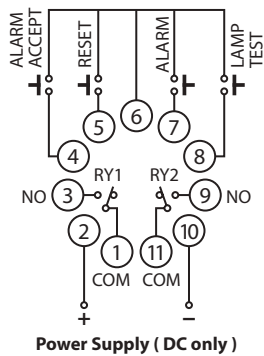Humidity   : 56 days at 93% RH and 40˚C non-condensing

MECHANICAL
Mounting   : Circular 11-pin plug-in socket
Dimension (mm)   : 35(w) x 80(h) x 72.5(d)
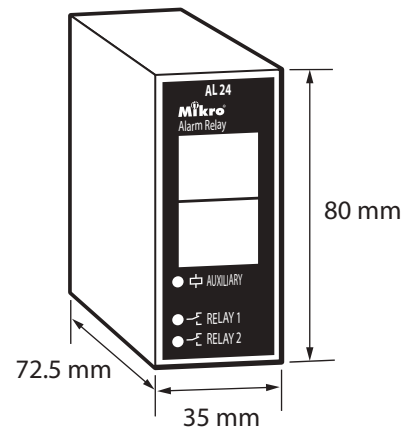Approximate weight   : 0.2 kg

Operation Diagram

Auxiliary supply	(pin +2, -10)	
Alarm	(pin 7, 6)	
Alarm accept	(pin 4, 6)	
Reset	(pin 5, 6)	
Relay 1	(Lamp)	
Relay 2	(Horn)	
Lamp test	(pin 8, 6)	

Connection Diagram

ALARM ACCEPT RESET ALARM LAMP TEST

5 6 7

4 8

RY1 RY2

NO 3 9 NO

2 11 10

1 COM COM

+ −

Power Supply (DC only)

Case Dimensions

AL 24
Mikro
Alarm Relay

AUXILIARY
RELAY 1
RELAY 2

80 mm

72.5 mm

35 mm

Ordering Information

MODEL	DESCRIPTION
AL 24	Auxiliary voltage 24 V DC