

MAGNASPHERE PANIC/DURESS SWITCH INSTALLATION INSTRUCTIONS: All Models of MK-3045X-##-(### or i#-#-#) and 30##X Series

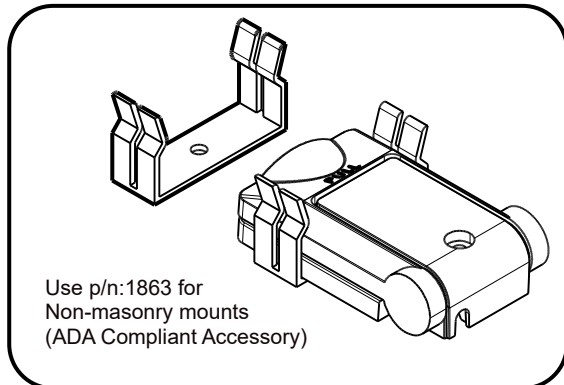
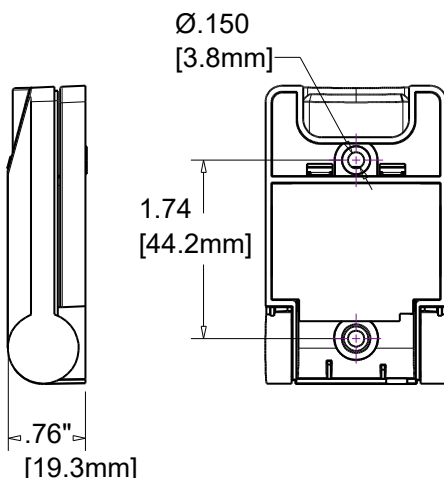
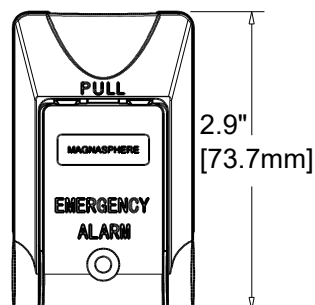
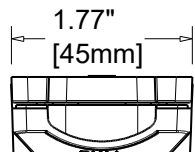
Required Tools and Components

Provided by Manufacturer (per module set)

- 1x Panic Switch Kit
- 1x #6 - 5/8" [15.9mm] L - Self Tapping Screw
- 1x #6 1-1/4" [31.8mm] L - Self Tapping Screw

Provided by Installer

- Power Drill
- #32 Drill Bit
- Phillips Screwdriver

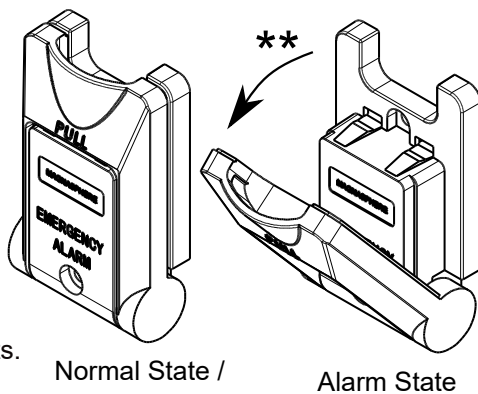


Operation:

For 30##X latching version power must be cycled to reset the relay once actuated.

Application Note(s):

1. For cold room/refrigerator and outdoor installs models with leads should be used, also soldered and shrink wrapped connections are recommended. If spliced within such environments.
2. Can be mounted in any orientation.
3. Do not overtighten the mounting screws.
4. Meets Section 4.2.7.4 of ADA Standards for Accessible Design. **



MK-3045X†-##-(### or i#-#-#) Specifications

- Max Current: 250mA Resistive
- Max Voltage: 30 VDC
- Max Power: 0.25 W Resistive

30##X† Specifications

- Input: 12 VDC Nominal (7-15 Volts)
- Typical Current Draw: 20 – 30 mA
- Connect to Class 2 Circuit
- Relay Specifications:
- Max Switching Voltage: 30VDC Resistive
- Max Switching Current: 250mA at 12VDC (3W) Resistive

General Specification:

- Available Configurations: see page 2
- Conductor: Screw Terminals or 22AWG Leads
- Minimum Operating Temperature: -35 to +66°C
- Color: White
- Housing: ABS

Part Number Options:

Model	LED	Latching	Electrical Loop
MK-3045	No	No	SPST or DPST
3040	Yes	Yes	SPDT
3050	Bi-Color	Yes	SPDT
3055	Bi-Color	No	SPDT

Nomenclature Options: [Model]-[##]-[### or i#-#-#]-[suffix]

-## = Dual output models [see page 2]

-### or -i#-#-# = EOL resistors applied via scheme in description "Nomenclature" [see page 2]



†T= terminals

†L = stranded leads* (vs. Jacketed* = default)

OL = Open Loop (vs. Closed Loop = default)

*Suitable for outdoor use

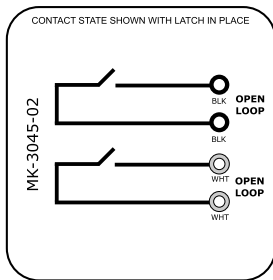
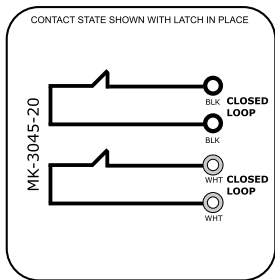
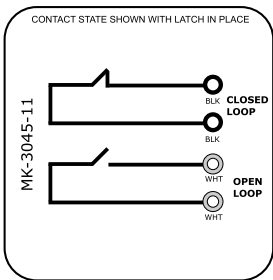
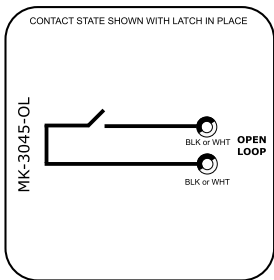
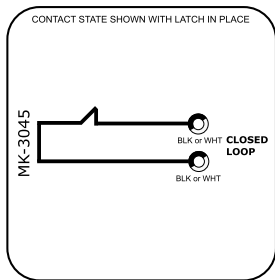
Patent(s) : US11069496B2
 UL Listing : UL2610, UL2017
 Models : MK-3045L
 MK-3045L-OL


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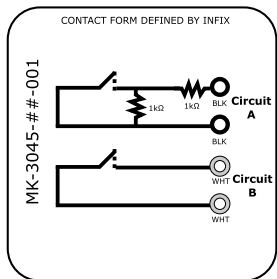
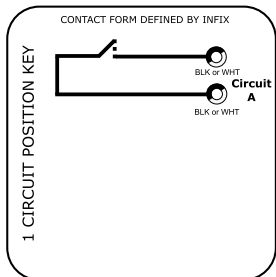
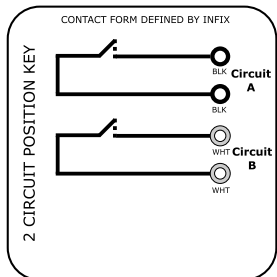
May 2026 MK-3045 Series INST REV8



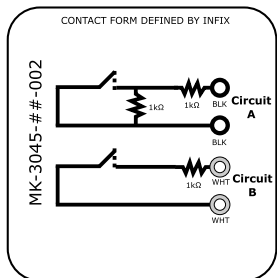
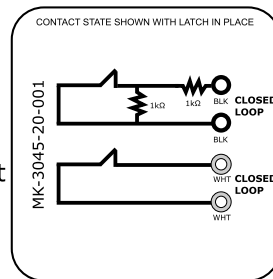
MK-3045 Series (-## suffix)



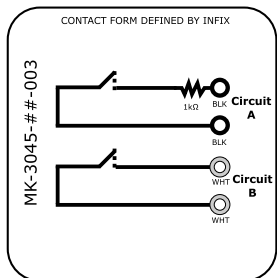
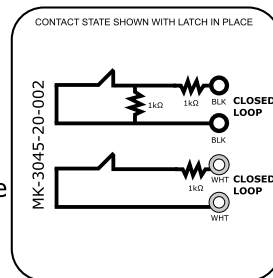
MK-3045 Series - End-Of-Line Resistor Standard Models (-### suffix)



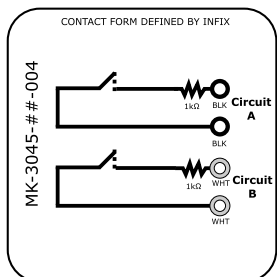
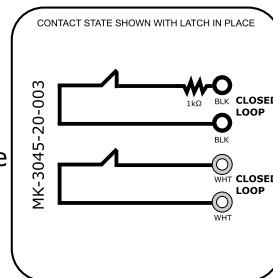
MK-3045-##-001:
Series & Parallel 1k resistors on circuit A. One instance shown at right:



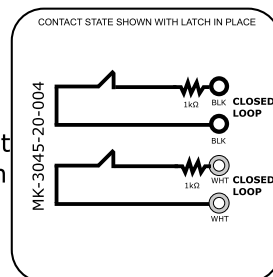
MK-3045-##-002:
Series & Parallel 1k resistors on circuit A, Series 1k resistor on Circuit B. One instance shown at right:



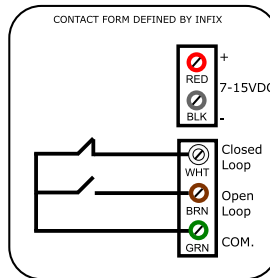
MK-3045-##-003:
Series 1k resistor on Circuit A. One instance shown at right:



MK-3045-##-004:
Series 1k resistor on Circuit A and on Circuit B. One instance shown at right:



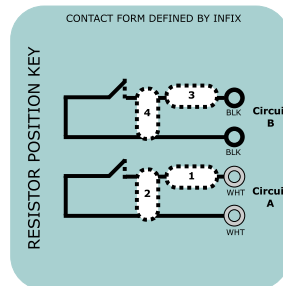
30XX LED Series (Latching & Non-Latching LED)



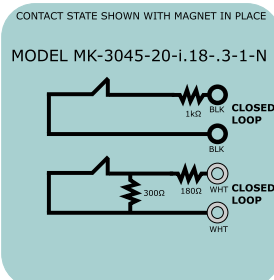
Default wire colors unless noted otherwise

MK-3045 Series End-Of-Line Resistor Custom Models #-#-#-# Scheme:

"-i" precedes custom resistor (kΩ) values separated by hyphens. The sequence of entries correlates to the positions depicted in the key. "N" is used as a null place-holder (No resistor for this position). Contact Magnasphere for nomenclature guidance and for resistor value availability.



Examples:
MK-3045-20
-i.18-.3-1-N



MK-3045-20
-i1-N-1-N
as an alternate ID to
MK-3045-20-004

