KMC CONTROLS

Description

These adjustable reversing relays are designed to reverse a proportional signal from a controlling device. These relays are intended for any application where the output signal to the controlled device must be the reverse of the source signal.

These relays are factory adjusted so that the input and output cross-over at a certain pressure. The RCC-1501/1502 is 8 psi (55 kPa) in and out, while the RCC-1503/1504 is 9 psi (62 kPa) in and out.

A bias adjustment of +/– 15 psi (103 kPa) is provided to retard or advance the output.

The relays' small size and light weight make them suitable for in-line mounting (shown), but bracketed versions are available.

RoHS COMPLIANT

Still . . . Made in the U.S.A.

Models

RCC-1501	8 psi calibration, in-line
RCC-1502	8 psi calibration, with bracket
RCC-1503	9 psi calibration, in-line
RCC-1504	9 psi calibration, with bracket

Features

♦ Available in 8 and 9 psi calibrations

♦ Bias adjustment to retard or advance output +/– 15 psi (103 kPa)

♦ Suitable for in-line mounting

Accessories

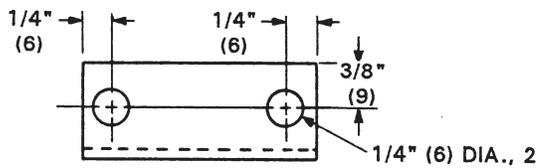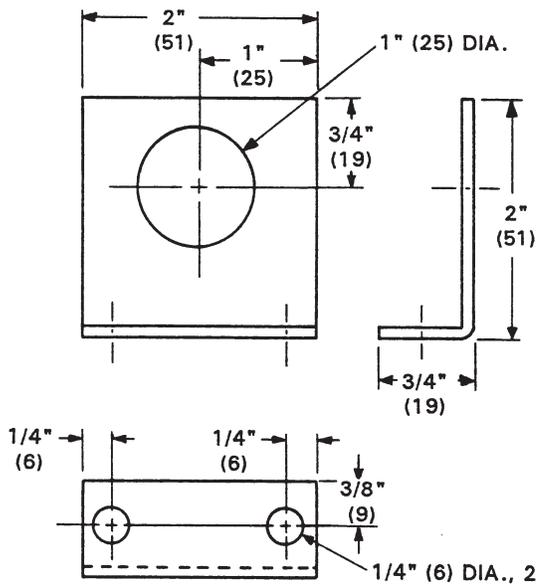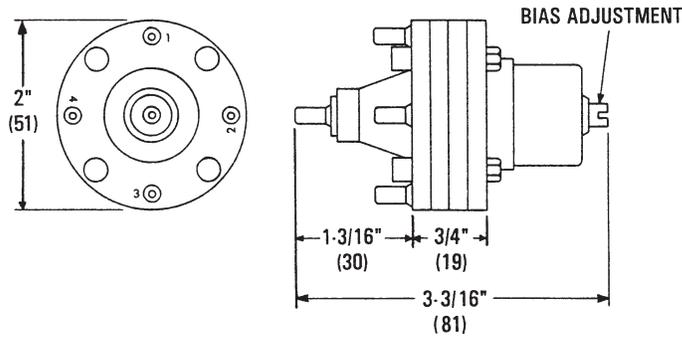|	
HMO-4507	Replacement bracket and retaining ring for any RCC-1500 series relay

Specifications

Supply Pressure	30 psi (207 kPa) maximum
Air Consumption	14.4 scim (3.93 mL/s)
Air Capacity	1728 scim (473 mL/s) @ 20 psi (138 kPa)
Connection	3/16" (5 mm) nipple for 1/4" (6 mm) OD polyethylene tubing
Material	Flame-retardant plastic
Weight	
RCC-1501/1502	2-1/4 oz. (64 grams)
RCC-1503/1504	3-1/2 oz. (99 grams)
Approvals	RoHS compliant
Temperature Limits	
Operating	40 to 120° F (4 to 49° C)
Shipping	–40 to 140° F (–40 to 60° C)

⚠ CAUTION

Pneumatic devices must be supplied with clean, dry control air. Any other medium (e.g., oil or moisture contamination) will cause the device to fail.

BIAS ADJUSTMENT

2"
(51)

1·3/16"
(30)

3/4"
(19)

3·3/16"
(81)

2"
(51)

1"
(25)

1" (25) DIA.

3/4"
(19)

2"
(51)

3/4"
(19)

1/4"
(6)

1/4"
(6)

3/8"
(9)

1/4" (6) DIA., 2