

# Modutrol IV Motors

## Q607 Auxiliary Switches for Modutrol Motors



- For control of auxiliary equipment as a function of motor shaft position.**
- Compatible with Modutrol III and Modutrol IV motors (Requires 220738A adapter bracket for use with Modutrol IV motors)
  - Micro Switch precision switches, adjustable
  - Indicate motor position by use of a scale plate anchored to a common shaft, which allows Q607 to be adjusted for operational sequence before mounting
  - Adjustable plate allows universal mounting on either end of motor
  - Wrap-around cover for easy access to switch adjustments and wiring
  - Maintenance-free protection of the switches and cams

**Application Type:** Electro-mechanical

**Dimensions, Approximate:** 6 7/16 in. high x 5 3/16 in. wide x 2 1/8 in. deep (164 mm high x 132 mm wide x 54 mm deep)

**Auxiliary Switch Ratings AFL - 120 Vac:** 9.8A

**Auxiliary Switch Ratings ALR - 120 Vac:** 58.8A

**Auxiliary Switch Ratings AFL - 240 Vac:** 4.90A

**Auxiliary Switch Ratings ALR - 240 Vac:** 29.4A

**Electrical Connections:** Screw terminals

**Mounting:** Cover or gear end

**Weight:** 2.5 lb

**Approvals**

**Canadian Standards Association:** Certified: File No. LR1620

**Underwriters Laboratories, Inc:** Listed File: E4436, Guide: XAPX2

Product Number	Electrical Connections	Control Signal	Internal Auxiliary Switch	Includes	Comments
Q607A1050/U	Screw terminals	SPDT, On/Off switch	1	Revised mounting bracket	Post 1969 Honeywell Modutrol Motors
* Q607A1076/U	Screw terminals	SPDT, On/Off switch	1	With adapter for cover end spring return motor and revised mounting bracket	Post 1969 Honeywell Modutrol Motors
Q607B1067/U	Screw terminals	SPDT, On/Off switch	2	Revised mounting bracket	Pre/Post 1969 Honeywell Modutrol Motors
* Q607B1083/U	Screw terminals	SPDT, On/Off switch	2	With adapter for cover end spring return motor and revised mounting bracket	—
Q607C1009/U	Terminal Board	SPDT, On/Off switch	1	Special terminal panel and metric grounding screws	—
Q607D1008/U	Terminal Board	SPDT, On/Off switch	2	Special terminal panel and metric grounding screws	—

\* TRADELINE models • SUPER TRADELINE models

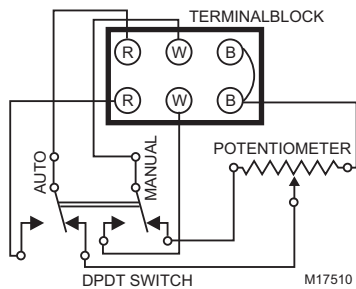
## S443 Manual Potentiometer for Modutrol Motors



**Used for remote manual control of proportioning (Series 90) motors and relays.**

- Compatible with Modutrol III and Modutrol IV motors
- Select automatic or manual control with DPST toggle switch
- Suitable for Series 90, M7685; and M7285 motors controlled by 135 ohm inputs
- Surface mounted, with conduit outlet on each side of case
- Screw terminals
- Scale marked OPEN-CLOSE

**Internal schematic of S443A**



**Application Type:** Electric

**Dimensions, Approximate:** Including Knob 3 3/4 in. high, 3 3/8 in. wide, 3 1/4 in. deep (95 mm high, 86 mm wide, 83 mm deep)

\*\*Fits inside wiring junction box of Modutrol IV Motor

**Mounting:** Surfaced mounted with conduit knock-outs

**Ambient Temperature Range:** -40 F to +150 F (-40 C to +60 C)

**Weight:** 1.3 lb

Product Number	Electrical Connections	Control Signal	Comments	Used With
S443A1007/U	Screw terminals	SPST, On/Off switch	2 position manual switch	M9164; M9484; M9184; M9185 and motors replaced by these motors