H Series Power ROTA-SLIDE® Rotary Switches

Features/Benefits

- Multi-pole and multi-position
- Positive detent
- Power switching up to 12 AMPS
- Value added capability
- RoHS Compliant



Typical Applications

- Small appliances
- Industrial equipment
- **Elevators**



Specifications

CONTACT RATING: 12 Amps @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA).

ELECTRICAL LIFE: 10,000 make-and-break cycles at full load. INSULATION RESISTANCE: $10^9 \Omega$ min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

INDEXING: 45°-one contact models, 8 positions max.; two contact models, 4 positions max.

OPERATING & STORAGE TEMPERATURE: -30°C to 95°C

NOTE: Any models supplied with Q, B or G contact material are RoHS compliant.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Materials

HOUSING & BUSHING: 6/6 nylon (UL 94V-2).

ACTUATOR: 6/6 nylon (UL 94V-2).

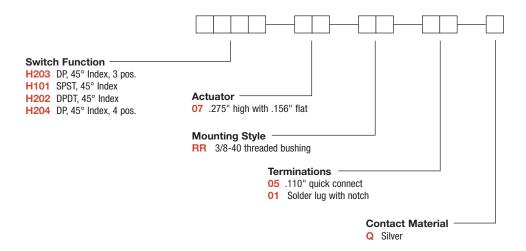
CONTACTS & TERMINALS: Copper, silver plated. CONTACT SPRING: Music wire or stainless steel.

MOUNTING NUT: Steel, zinc plated.

TERMINAL SEAL: Epoxy.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages K-38 thru K-39. For additional options not shown in catalog, consult Customer Service Center.





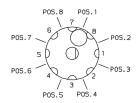
Dimensions are shown: mm Specifications and dimensions subject to change

SWITCH FUNCTION

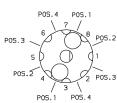
SP MODELS 45° INDEXING				
NO. POLES	MODEL NO.	SWITCH FUNCTION	TERMINALS	
SP	H101	SPST	8-1	

DP MODELS 45° INDEXING					
NO. POLES			TERMINALS		
	H202	DPDT	7-8-1, 3-4-5		
DP	H203	3 Position	All Terminals		
	H204	4 Position	All Terminals		

SP MODELS 45° INDEXING SCHEMATIC

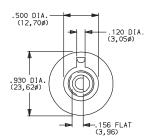


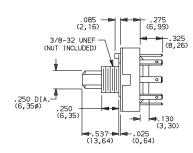
DP MODELS 45° INDEXING SCHEMATIC

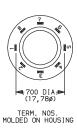


NOTE: Break-before-make contacts. Terminal numbers are molded No Ic. Disalventier have contacts. Initial familiar sale moves a terminate on bottom of housing. Actuators and contacts are shown in position 1. No common terminal is present. Switching function is provided by movable contacts shorting adjacent pairs of stationary contacts.

All models with all options.







Part number shown: H10107RR05Q

ACTUATOR



07

.275" HIGH WITH .156" FLAT



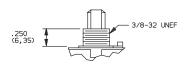


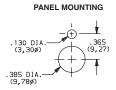


Third Angle Projection Dimensions are shown: Inch (mm)

Specifications and dimensions subject to change

3/8-32 THREADED BUSHING





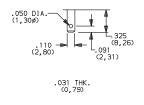
Mounting nut included (part number 175000100).

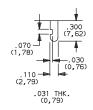
TERMINATIONS ----

05

SOLDER LUG WITH HOLE

SOLDER LUG WITH NOTCH





Not available on models with 90° indexing.

CONTACT MATERIAL

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATING	
Q	SILVER 1	POWER	12 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC.

^{*} Note: See Technical Data section of this catalog for RoHS compliant and compatible definition and specifications.

NOTE: Any models supplied with Q contact material are RoHS compliant.

All models
with all options.







Dimensions are shown: mm Specifications and dimensions subject to change

¹ CONTACTS & TERMINALS: Copper, silver plated.