

H Series

Power ROTA-SLIDE® Rotary Switches



Agency Approvals

Agency	Agency File Number
	E42363

Specifications

Contact Rating	12 Amps @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA)
Electric Life	10,000 make-and-break cycles at full load
Insulation Resistance	10 ⁹ Ω 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

Notes: Any models supplied with Q, B or G contact material are RoHS compliant. Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Description

Designers of small appliances, industrial equipment and elevators need long-lasting switches that can withstand repeated use. The H series switches are power Rota-Slide® rotary switches that provide power switching up to 12A, provide multi-pole and multi-position options and are positive detent.

Features & Benefits

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

Applications

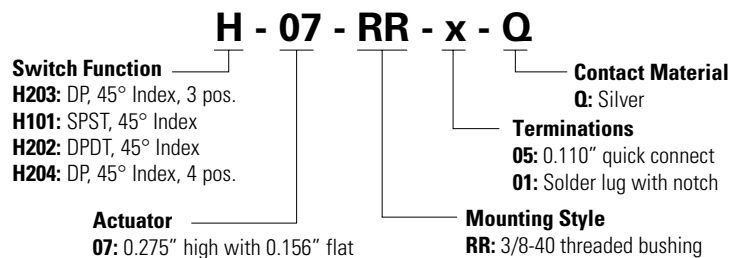
- Small appliances
- Industrial equipment
- Elevators

Materials

Housing & Bushing	6/6 nylon (UL 94V-2).
Actuator	
Contacts & Terminals	Copper, silver plated.
Contact Spring	Music wire or stainless steel
Mounting Nut	Steel, zinc plated.
Terminal Seal	Epoxy.

Ordering Number

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.



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Switch Function

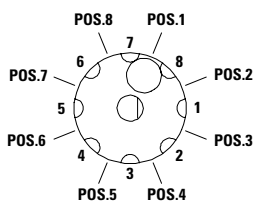
SP Models 45° Indexing

No. Poles	Model No.	Switch Function	Terminals
SP	H101	SPST	8-1

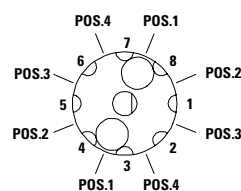
DP Models 45° Indexing

No. Poles	Model No.	Switch Function	Terminals
DP	H202	DPDT	7-8-1, 3-4-5
DP	H203	3 Positions	All Terminals
DP	H204	4 Positions	All Terminals

SP Models 45° Indexing Schematic

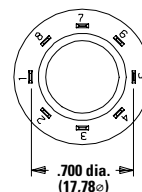
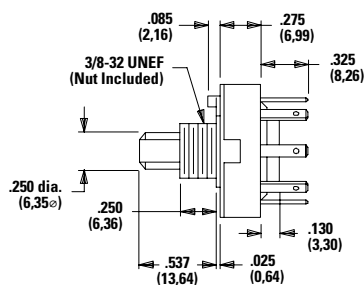
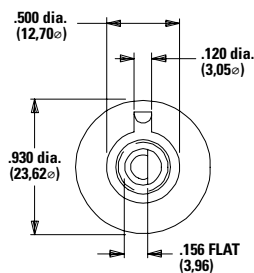


DP Models 45° Indexing Schematic



Notes: Break-before-make contacts. Terminal numbers are molded 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 are available with all options.

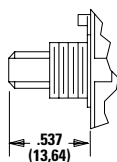
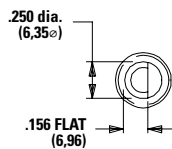
Dimensions in inch (mm)



Part number shown: H10107RR05Q

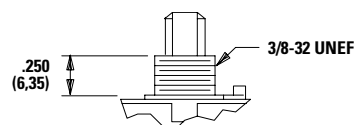
Actuator

07 0.275" High With 0.156" Flat

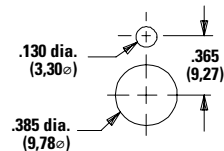


Mounting Style

RR 3/8-32 Threaded Bushing



Panel Mounting



Mounting nut included (part number 925C00000).

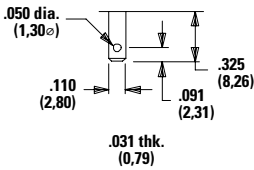
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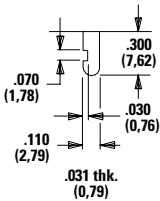


Terminations

05 Solder Lug With Hole



01 Solder Lug With Notch



Note: Not available on models with 90° indexing.

Contact Material

Option Code	Contact Material	Rating	
Q	Silver ¹	Power	12 amps @ 125 V AC; 6 amps @ 250 V AC; 1 amp @ 125 V DC.

Notes: See Technical Data section of this catalog for RoHS compliant and compatible definition and specifications. Any models supplied with Q contact material are RoHS compliant. All models cus with all options.

1. Contacts & Terminals: Copper, silver plated.