

SR3

Switch Rocker

Introduction

The SR3 Switch Rockers have been developed to provide the reliability required in demanding environmental conditions such as multifunction grips, dashboards or armrest controls for heavy duty industrial applications. The switching system is distinguished by its high reliability with a life expectation of at least one million operations. The rocker modules have been designed for the typical switching function in 'off-road' machinery and other rough environments.



Main Features

- Life greater than 1 million cycles
- Precise tactile feedback of switches
- Protection Class IP65
- DTCs K12 switch technology for high reliability

Custom Modifications

- Output characteristics
- Operating force
- Switch characteristics / functions
- Actuator colour

SPECIFICATIONS

Electrical

Variant

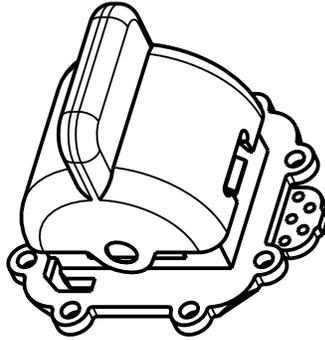
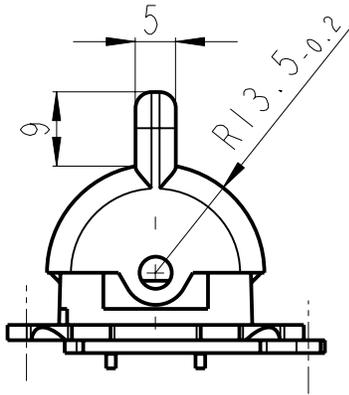
Switching current max.	Switch 1 Switch 2	S1: 7 mA (1K3 Ohm) S2: 9 mA (680 Ohm)
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Mechanical

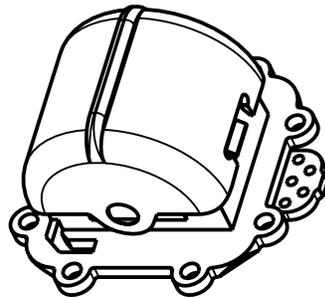
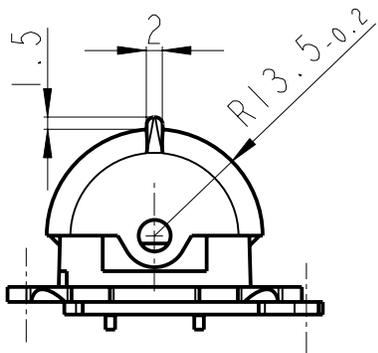
Life	> 1 million cycles
Operating temperature - Storage - Working	- 40°C to 85°C - 35°C to 70°C
Operating force	5 N
Vertical load maximum	30 N
Protection Level	IP 65 (from above when mounted)
Rocker deflection angle	± 12°



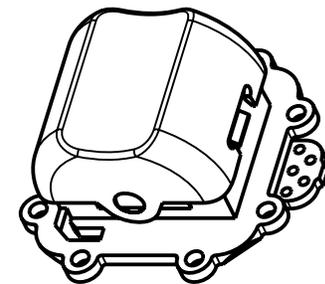
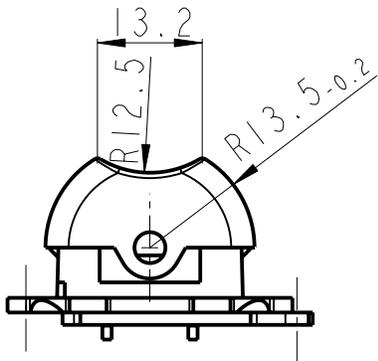
DIMENSIONS



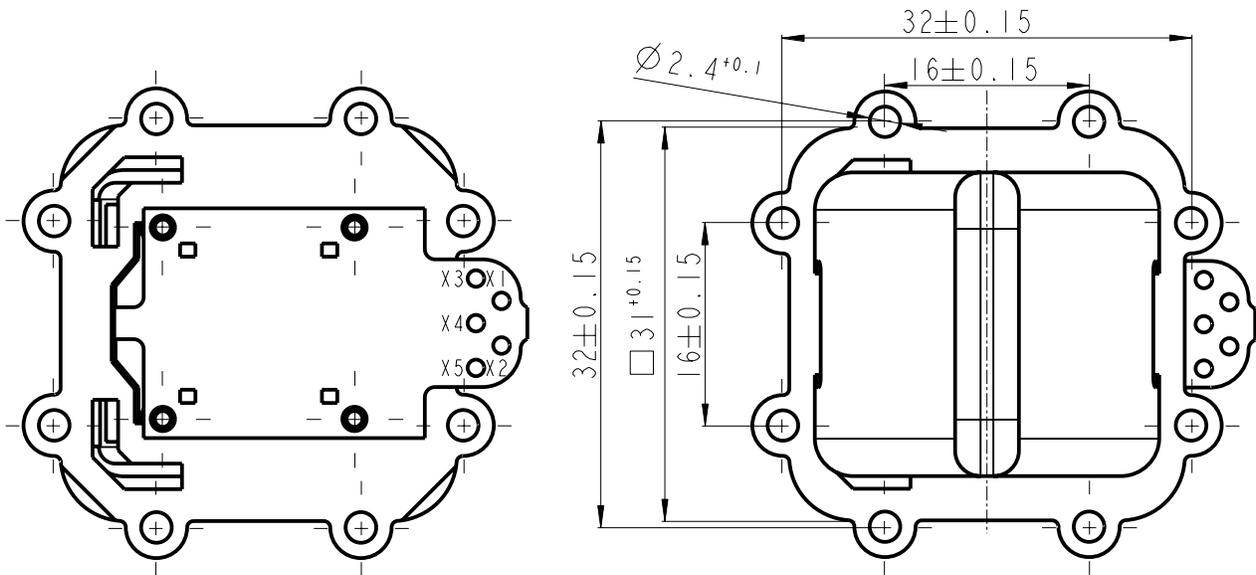
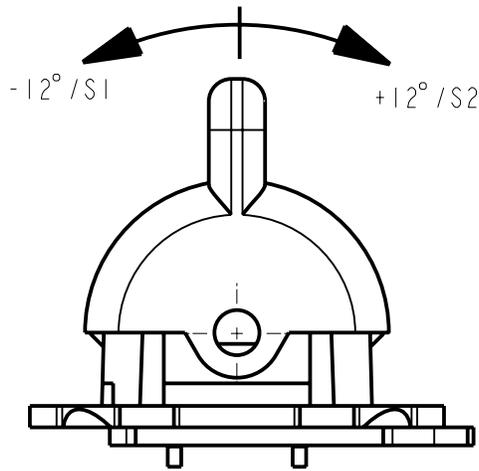
Module actuator shape 01



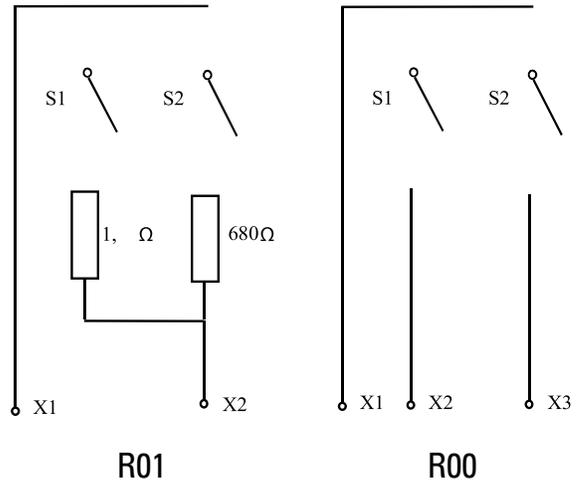
Module actuator shape 02

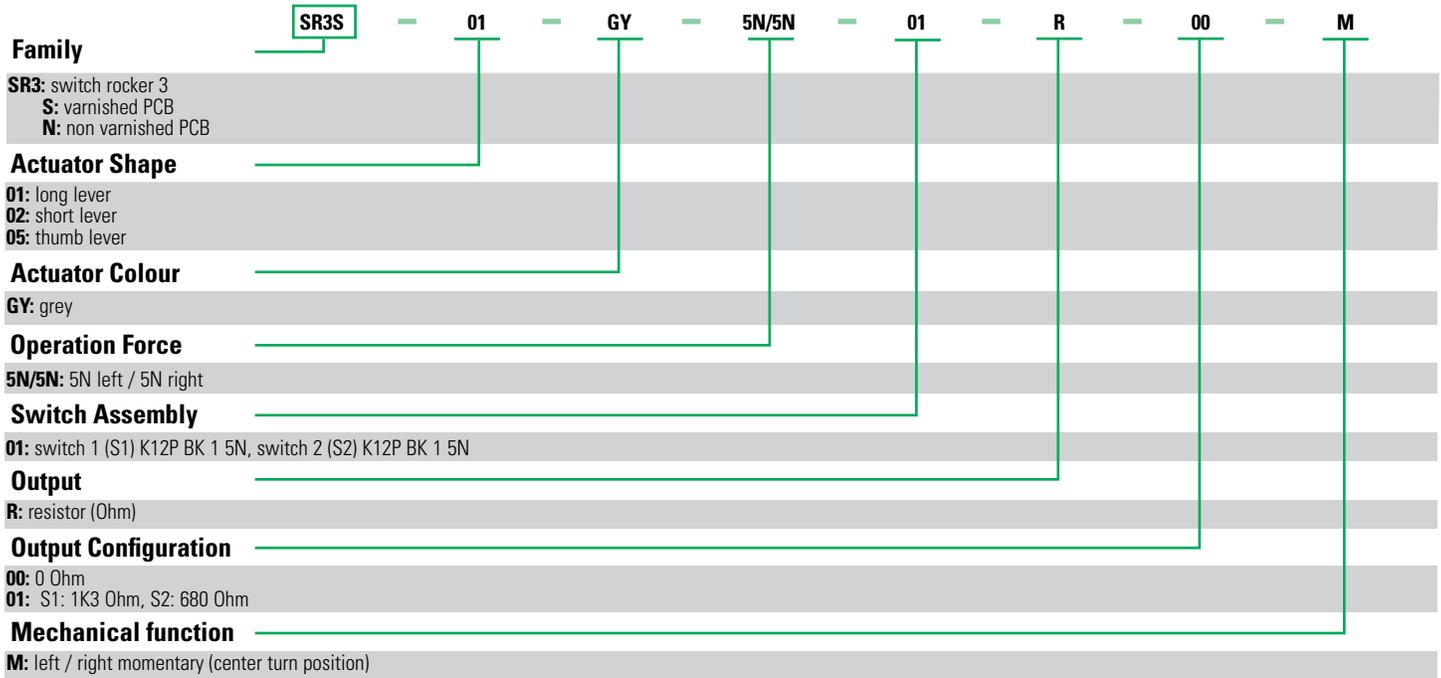


Module actuator shape 05



Pin Assignment		
PIN	ALLOCATION	FUNCTION
X5	S3_I S3 ext	RESERVED
X4	S3_VCC S3 ext	RESERVED
X3	S2_OUT	OUTPUT PUSHBUTTON S2
X2	S1_OUT	OUTPUT PUSHBUTTON S1
X1	VCC_IN	VOLTAGE SUPPLY





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Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA.

CONTACT US

INDUSTRIAL SOLUTIONS DIVISION

Americas
+1 (800) 350 2727
sensors.deltatech@sensata.com
Europe, Middle East & Africa
+359 (2) 809 1826
ost-info.eu@sensata.com
Asia Pacific
sales.isasia@list.sensata.com
China +86 (21) 2306 1500
Japan +81 (45) 277 7117
Korea +82 (31) 601 2004
India +91 (80) 67920890
Rest of Asia +886 (2) 27602006
ext 2808

HEAVY VEHICLE & OFF-ROAD DIVISION

Americas
+1 508 236 2196
products@sensata.com
Europe, Middle East & Africa
+49 30 43 999 0
products@sensata.com
Asia Pacific
products@sensata.com
China +86 (21) 2306 1500
Japan +81 (45) 277 7001
Korea +82 (31) 601 2004