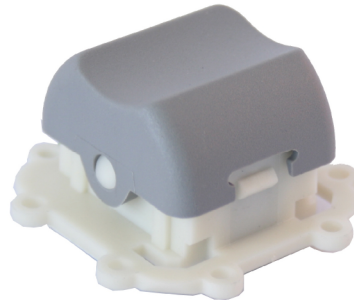
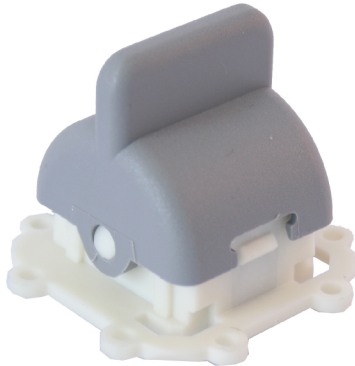


# Switch Rocker – SR3



DTCs 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.

## Electrical Data

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

## Mechanical Data

Life	> 1 million cycles
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Operating temperature	
- Storage	- 40°C to 85°C
- Working	- 35°C to 70°C

Operating force	5 N
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Vertical load maximum	30 N
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Protection Level	IP 65 (from above when mounted)
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Rocker deflection angle	± 12°
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## Main Features

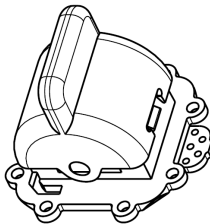
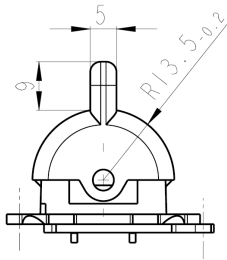
- Life greater than 1 million cycles
- Precise tactile feedback of switches
- Protection Class IP65
- DTCs K12 switch technology for high reliability

## Custom modifications

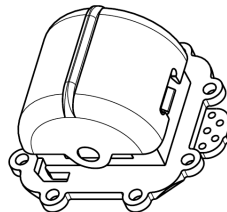
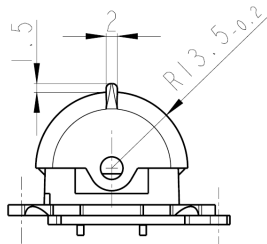
- Output characteristics
- Operating force
- Switch characteristics / functions
- Actuator colour

# Switch Rocker – SR3

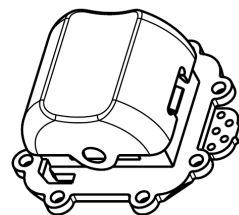
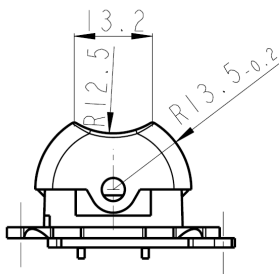
Ordering code		1	2	3	4	5	6	7	
Example		SR3S	01	GY	5N/5N	01	R	00	M
1	Type	SR3 = switch rocker 3 S = varnished PCB N = non varnished PCB							
2	Actuator Shape	01 = long lever 02 = short lever 05 = thumb lever							
3	Actuator Colour	GY = grey							
4	Operation Force	5N/5N = 5 N left / 5N right							
5	Switch assembly	01 = switch 1 (S1) K12P BK 1 5N switch 2 (S2) K12P BK 1 5N							
6	Output	R = resistor (Ohm)							
	Output configuration	00 = 0 Ohm 01 = S1: 1K3 Ohm S2: 680 Ohm							
7	Mechanical function	M = left / right momentary (center turn position)							



Module actuator shape 01

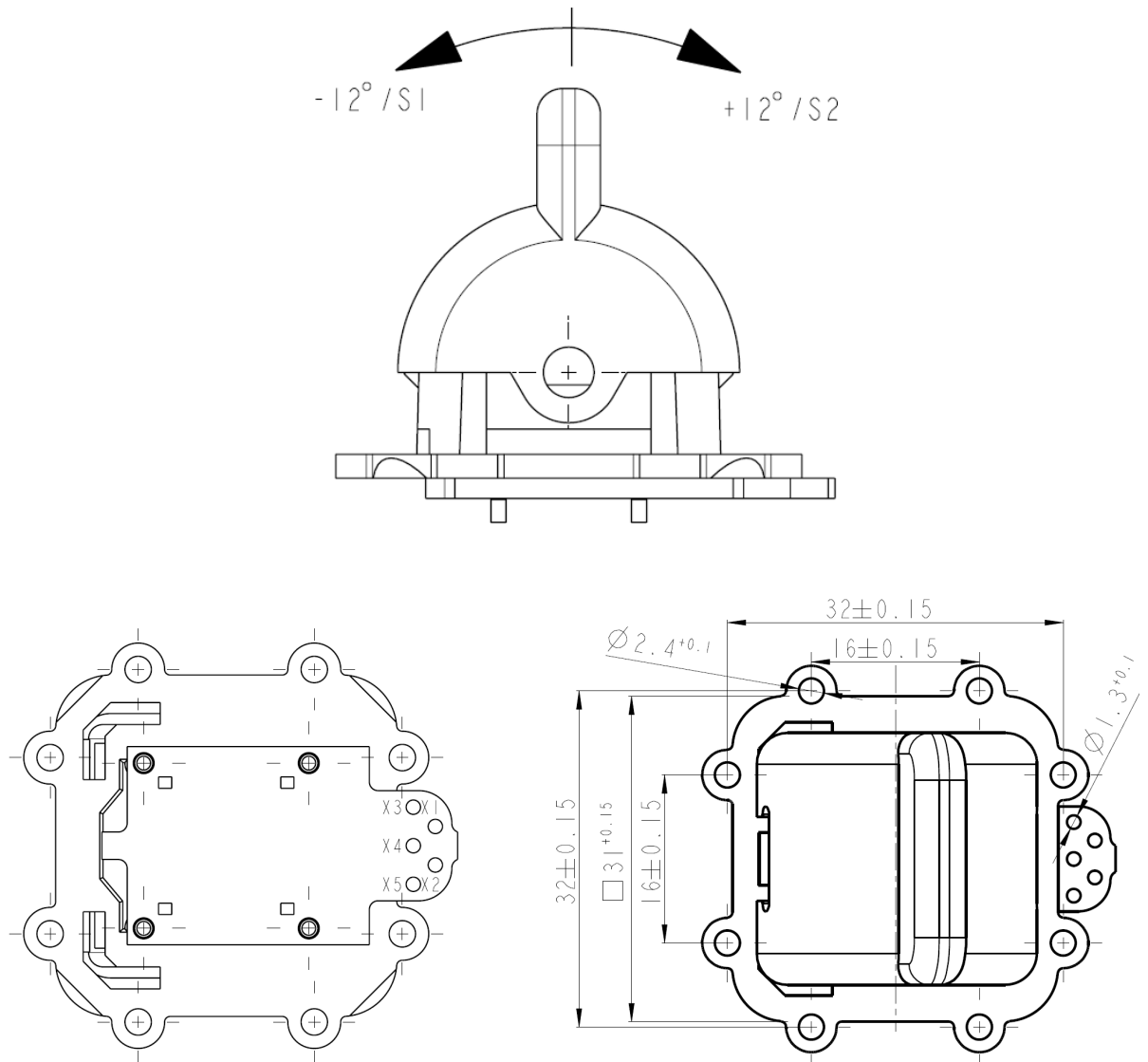


Module actuator shape 02



Module actuator shape 05

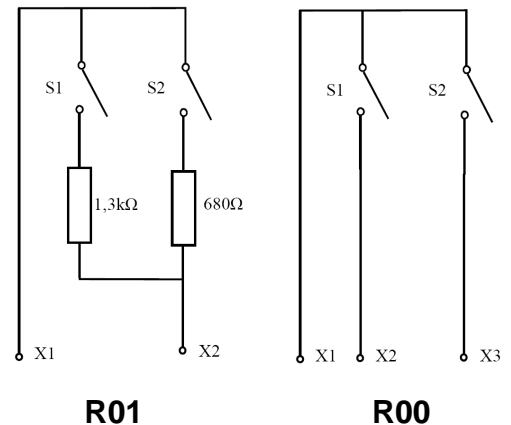
## Switch Rocker – SR3



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

Output configuration:



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**France**

2 Boulevard Michael Faraday  
Arlington Square, Batiment B  
Serris - F77716 Marne La Vallee Cedex 4  
France  
phone: + 33 160 24 51 51  
fax: + 33 3 84 69 08 97  
Mail: [sales.dtc.europe@coactive-tech.com](mailto:sales.dtc.europe@coactive-tech.com)

**Germany**

Holzhauser Strasse 26-32  
D-13509 Berlin  
Germany  
phone: + 49 30 43 999 0  
fax: + 49 30 43 999 203  
Mail: [sales.dtc.europe@coactive-tech.com](mailto:sales.dtc.europe@coactive-tech.com)

**Hong Kong**

Office:1007-8  
10/F, Harcourt House  
39 Gloucester Road  
Wanchai, Hong Kong  
phone: + 852 3713 5288  
fax: + 852 2751 9926  
Mail: [sales.dtc.asia@coactive-tech.com](mailto:sales.dtc.asia@coactive-tech.com)

**USA**

5288 Valley Industrial Blvd. S  
Shakopee, MN 55379  
USA  
phone: + 1 952 403 7400  
fax: + 1 952 233 9707  
Mail: [sales.dtc.americas@coactive-tech.com](mailto:sales.dtc.americas@coactive-tech.com)



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