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Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Switch Modules – QS & RS



RS

The rocker switch modules RS1 and RS2 are designed to be installed into front panels, multi-function grips or other switching units.

RS1

This module is standard rocker switch with a single switch function in both directions.

RS2

With the RS2 a double switch function is available in both directions.



QS

The quadrant switch modules QS1 and QS2 are designed to be installed into front panels, multi-function grips or other switching units.

QS1

This module is a quad switch similar to a “mirror switch” made of four K12 switches, designed for 4 switching functions (e.g. for movements in four directions: up, down, left and right).

QS2

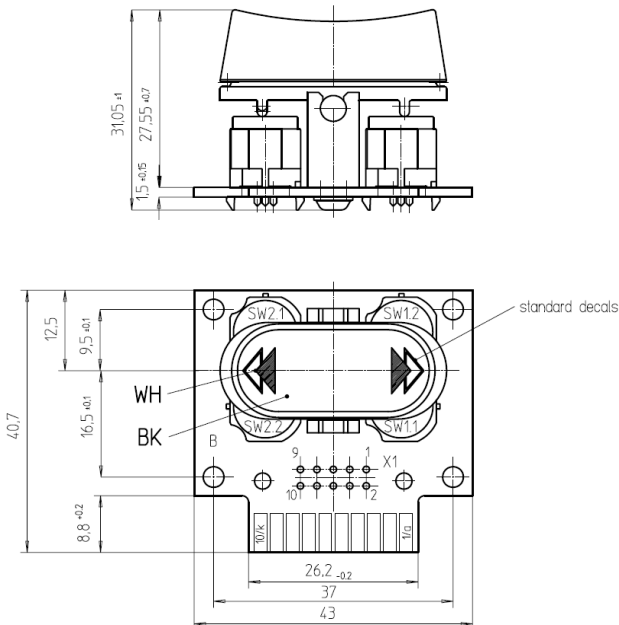
This module is similar to the QS1 but has a double switch function and is made up with eight K12 switches allowing additional functions in each direction.

Technical Data		
Types	RS1	two K12 switches, one switching function per direction
	RS2	four K12 switches, two switching functions per direction
	QS1	four K12 switches, one switching function per direction
	QS2	eight K12 switches, two switching functions per direction
Dimensions (length, width, height)	RS	43 x 40.7 x 27.55 mm
	QS	58.9 x 43 x 27.5 mm
Operating life	> 1 million cycles	
Operating temperature	- Storage	
	- 40°C to 85°C	
	- Working	
		- 25°C to 85°C
Protection Level	With sealing: IP65 (from above when mounted)	
Main features of K12	Tactile feedback, positive snap-point (more technical details see datasheet for K12 switches)	

Switch Modules – QS & RS

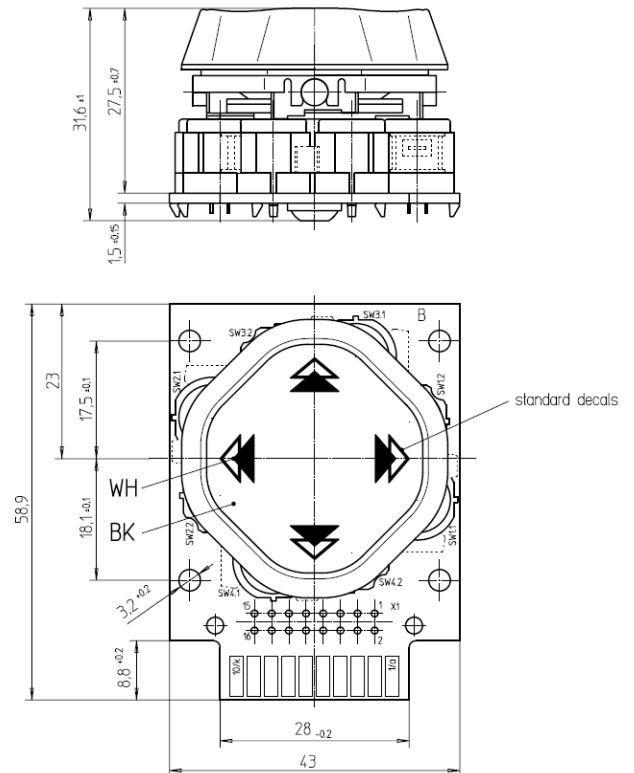
Ordering code		1	2	3	4	5
Example		RS1	KRSA	BK	S	C
1 Type	Quadrant Switch (QS) Rocker Switch (RS)	↑	↑	↑	↑	↑
	QS 1 = four K12 switches QS 2 = eight K12 switches RS 1 = two K12 switches RS 2 = four K12 switches					
2 Standard cap	KQS1 = for QS KRSA = for RS					
3 Cap colour	BK = black					
4 Cap decals	N = none S = standard decals (arrows)* C... = customized					
5 Module mounted	C = standard mounted					

* see drawing below



Pin assignment

Switch No.	Connector-No.X1		Pad-Bar	
	Input	Output	Input	Output
SW1.1	1	2	1	b
SW1.2	3	4	3	d
SW2.1	7	8	7	8
SW2.2	9	10	h	10



Pin assignment

Switch Nr.	Connector-No.X1		Pad-Bar	
	Input	Output	Input	Output
SW1.1	2	4	2	3
SW1.2	1	3	b	c
SW2.1	14	16	8	9
SW2.2	13	15	h	i
SW3.1	6	8	4	5
SW3.2	9	11	f	q
SW4.1	10	12	6	7
SW4.2	5	7	d	e

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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 (0)3 84 69 08 97

Germany

Holzhauser Strasse 26-32
D-13509 Berlin
Germany
phone: + 49 30 43 999 0
fax: + 49 30 43 999 203

Hong Kong

Unit 901, West Tower
Shun Tak Center
168-200 Connaught Road
Central, Hong Kong
phone: + 852 2732 2720
fax: + 852 2732 2919

USA

5288 Valley Industrial Blvd. S
Shakopee, MN 55379
USA
phone: + 1 952 403 7418
fax: + 1 952 233 9707



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