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).

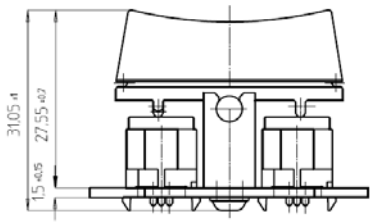
QS2
This module is similar to the QS1 but has a double switch function and is made up with eight K12 switches allowing additional functions in each direction.

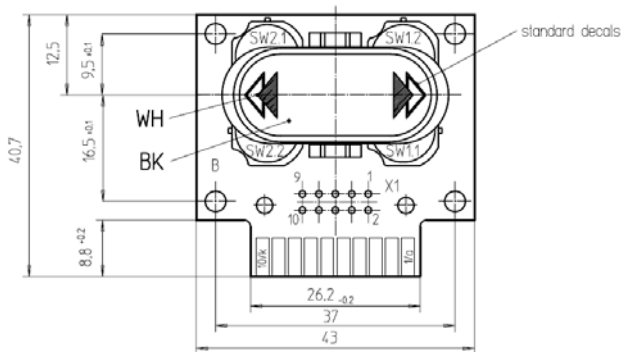
Technical Data		
Types	RS1	two K12 switches, one switching function per direction
	RS2	four K12 switches, two switching functions per direction
	QS1	four K12 switches, one switching function per direction
	QS2	eight K12 switches, two switching functions per direction
Dimensions (length, width, height)	RS QS	43 x 40.7 x 27.55 mm 58.9 x 43 x 27.5 mm
Operating life		> 1 million cycles
Operating temperature - Storage - Working		 - 40°C to 85°C - 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)	QS 1 = four K12 switches					
	QS 2 = eight K12 switches					
Rocker Switch (RS)	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					

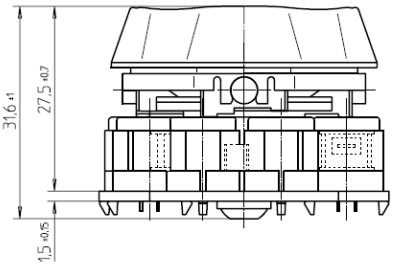
** see drawing below*

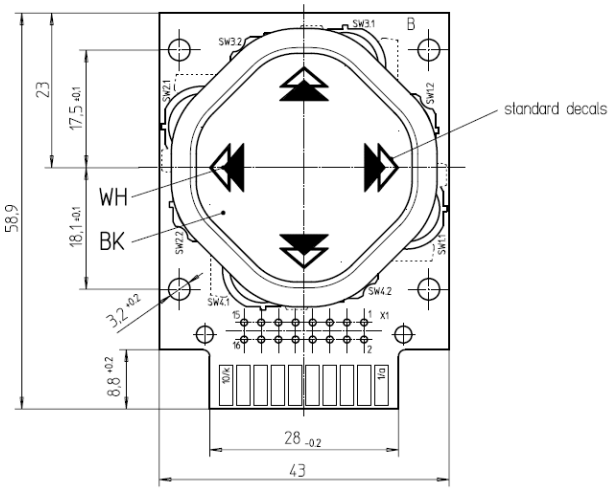




Pin assignment

Switch No.	Connector-No.X1 Input	Output	Pad-Bar 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 Input	Output	Pad-Bar 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	g
SW4.1	10	12	6	7
SW4.2	5	7	d	e