

QS1 and QS2 Quadrant Switches



QS1

The quadrant switch QS1 is a control unit equipped with four K12 switches, designed for four functions (e.g. for movements in four directions: up and down, right and left).

QS2

The QS2 has a double function, equipped with eight K12 key switches. An additional function can be switched in each direction.

The button of the quadrant switches can be modified according to customers' equipment design. The available button KQS1 can be delivered loose or mounted.

The quadrant switches can be equipped with a sealing so that IP 67 according to IEC 529 is possible in the button area: dust tight and protected against the effects of immersion in water.

The graphics on the labels can be designed according to customers' specifications.

Soldering pads, connectors or jumper cable.

For further technical details and specific applications please contact ITT Cannon Switch Products, e.g. concerning the integration of the quadrant switch into an existing equipment or on a PC board.

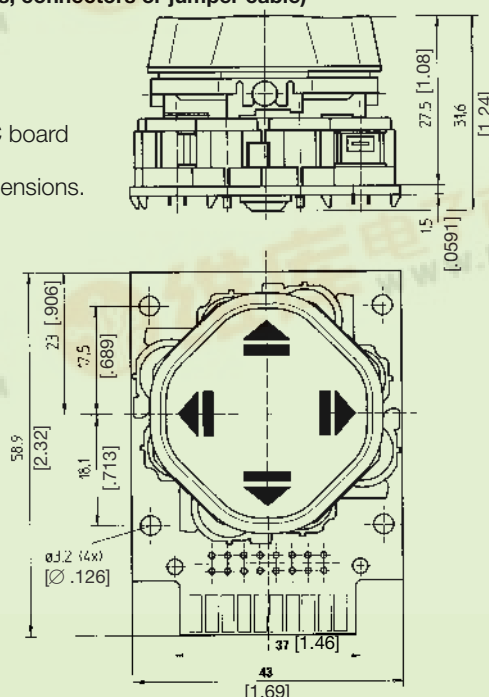
Technical data

2 types	QS1 with four K12 QS2 with eight K12
Dimensions (length, width, height)	43 × 43 × 30 mm
Material	Button Housing and Rocker
	PBT PC/ASA-Blend
Connections	Edge connectors or soldering pads
Main features of K12	Tactile feedback, positive snap-point (further details of the K12 key switch see K12 section)
Function	QS1 1 make contact per direction (four functions maximum) QS2 2 make contacts per direction (eight functions maximum)
Operating life	≥ 10 ⁶ operations
Operating temperature	- 25°C to + 85°C
Storage temperature	- 40°C to + 85°C
Protection class	With sealing: IP 67 acc. to DIN/IEC 529. Dust tight and protected against the effects of immersion in water in the button area.
Graphics on the labels	Upon request

Dimensional Drawings · Dimensions in mm [inch]

**Quadrant switch QS2 with button KQS1
(Soldering pads, connectors or jumper cable)**

A standard PC board is shown with respective dimensions.

**Ordering code**

Example:	QS1
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