Product data sheet

Specifications



Cam stepping switch, Harmony K, 16mm or 22mm, plastic, 1 poles,position 0, 4 steps+position 0, 30 degree, 10A, 30x30mm, marked 0/1/2/3/4

K10D004QCH

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony K
Product or Component Type	Complete cam switch
Component name	K10
[Ith] conventional free air thermal current	10 A
Product mounting	Front mounting
Fixing Mode	Ø 16 or 22 mm hole
Cam switch head type	With front plate 30 x 30 mm
Type of operator	Black handle
Rotary handle padlocking	Without
Presentation of legend	With metallic, 0 - 1 - 2 - 3 - 4 black
Cam switch function	Stepping switch
Return	Without
Off position	With Off position
Poles description	1P
Switching positions	Right: 270° - 300° - 330° - 0° - 30°
IP degree of protection	Contact block: IP20 Operating head: IP65 conforming to IEC 60529

Complementary

Number of steps	4
Switching angle	30 °
[Ui] rated insulation voltage	440 V 3)IEC 60947-1
Rated operational power in W	370 W AC-23A, 110/120 V 1 phase 750 W AC-23A, 220/240 V 1 phase
Rated power in hp	0.33 hp 110/120 V AC, 1 phase 0.75 hp 220/240 V AC, 1 phase
[Ie] rated operational current AC	10 A 400 V AC-1 10 A 400 V AC-21A 3 A 240 V AC-15 6 A 120 V AC-15
[Ie] rated operational current DC	10 A 24 V resistive 0.3 A 220 V resistive 0.7 A 110 V resistive

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrical durability	100000000 cycles
Short-circuit protection	10 A cartridge fuse gG
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-1
Contact operation	Slow-break
Electrical connection	Captive screw clamp terminals 2 x 1.5 mm²
Mechanical durability	1000000 cycles
CAD overall width	1.2 in (30 mm)
CAD overall height	1.2 in (30 mm)
CAD overall depth	3.5 in (88 mm)
Net Weight	0.099 lb(US) (0.045 kg)

Environment

Standards	CENELEC EN 50013 EN/IEC 60947-3 EN/IEC 60947-5-1
Product certifications	CULus
Protective treatment	TC
Ambient Air Temperature for Operation	-4…131 °F (-20…55 °C)
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Electrical shock protection class	Class II conforming to IEC 60536

Ordering and shipping details

Category	US10CS121446
Discount Schedule	0CS1
GTIN	3389110076578
Returnability	Yes
Country of origin	AT

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.1 in (10.5 cm)
Package 1 Width	1.6 in (4.1 cm)
Package 1 Length	1.6 in (4.1 cm)
Package weight(Lbs)	2.4 oz (67.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	65
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	10.30 lb(US) (4.67 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**1 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**1 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.1 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Longer

Lifetime extension

Repair	**No**

Use Again

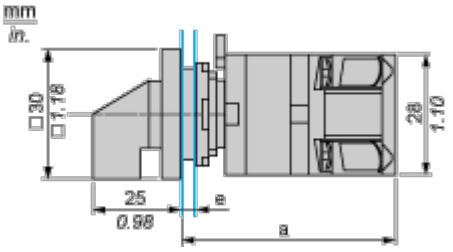
Repack and remanufacture

Recyclability potential, in %	**39**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

Dimensions Drawings

Cam Switch

Front Mounting by Ø16 mm/0.63 in. or Ø 22 mm/0.87 in. hole



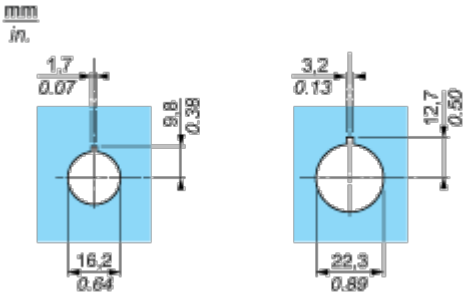
a 63 mm/2.48 in.

e support panel thickness: 0.5 mm to 5 mm/0.02 in. to 0.2 in.

Mounting and Clearance

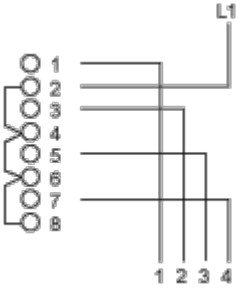
Cam Switch

Ø 16 mm/0.63 in. and Ø 22 mm/0.87 in. Panel Cut-outs

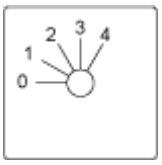


Technical Description

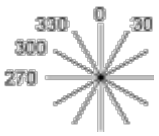
Link Positions (Factory Mounted)



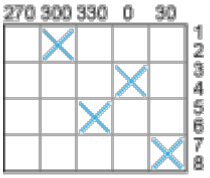
Marking



Angular Position of Switch



Switching Program



Convention Used for Switching Program Representation

Contact closed

Contact closed in 2 positions and maintained between the 2 positions

Sealed assembly for auto-maintain control

Overlapping contacts

Spring return position: for a switching angle of 90°, spring return is over 30° after the last position (for a maximum of 3 simultaneous contacts).

Example:

