

# Product datasheet

Specifications



## cam switch - 20 A - front mounting - 1 - 0 - 2 black marking

K2H004PLH

### Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K2
[Ith] conventional free air thermal current	20 A
Mounting location	Front
Fixing mode	Multifixing
Presentation of legend	With metallic legend, 1 - 0 - 2 black marking
Cam switch function	2-speed motor pole change switch
Motor type	Tapped Dahlander winding
Off position	With Off position
Switching positions	0-60°-120°
IP degree of protection	IP40 conforming to IEC 529 IP40 conforming to NF C 20-010

### Complementary

[Ui] rated insulation voltage	690 V (pollution degree 3) conforming to IEC 60947-1
[Ithe] conventional enclosed thermal current	16 A
Electrical durability	200000 cycles AC-23 200000 cycles AC-3 600000 cycles AC-15 600000 cycles AC-21
Maximum operating rate	2.5 cyc/mn AC-21 2.5 cyc/mn AC-23 2.5 cyc/mn AC-3 8.333 cyc/mn AC-15
Short-circuit current	10000 A
Short-circuit protection	20 A cartridge fuse, type gG
[Uimp] rated impulse withstand voltage	4 kV in isolating function 6 kV conforming to IEC 947-1
Contact operation	Slow-break
Positive opening	With
Electrical connection	Captive screw clamp terminals flexible, clamping capacity: 2 x 1.5 mm <sup>2</sup> Captive screw clamp terminals solid, clamping capacity: 1 x 2.5 mm <sup>2</sup>

<b>Mechanical durability</b>	1000000 cycles
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## Environment

<b>Standards</b>	EN 60947-3 for power circuit EN 60947-5-1 for control circuit IEC 60947-3 for power circuit IEC 60947-5-1 for control circuit CENELEC EN 50013
<b>Product certifications</b>	CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 0.33 hp 1 phase 2 -pole(s) CSA 240 V 1 hp 1 phase UL 240 V 1 hp 3 phases
<b>Protective treatment</b>	TC
<b>Ambient air temperature for operation</b>	-25...55 °C
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Shock resistance</b>	30 gn conforming to IEC 68-2-27
<b>Vibration resistance</b>	5 gn conforming to IEC 68-2-6 (f = 10...150 Hz)
<b>Overvoltage category</b>	Class II conforming to IEC 536 Class II conforming to NF C 20-030

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	239 g
<b>Package 1 Height</b>	5.2 cm
<b>Package 1 width</b>	5.6 cm
<b>Package 1 Length</b>	16.3 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

<b>Warranty</b>	18 months
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