Product datasheet

Specifications

Green Premium™

cam changeover switch - 4-pole - 90° - 20 A - for Ø 22 mm

K2H014UCH

Discontinued on: Oct 20, 2020 AD

Discontinued

Main

Range Of Product	Harmony K
Product Or Component Type	Complete cam switch
Component Name	K2
[Ith] Conventional Free Air Thermal Current	20 A
Product Mounting	Front mounting
Fixing Mode	Ø 22 mm hole
Cam Switch Head Type	With front plate 45 x 45 mm
Type Of Operator	Black handle, length = 35 mm
Rotary Handle Padlocking	Without
Presentation Of Legend	With metallic legend, 1 - 2 black marking
Cam Switch Function	Changeover switch
Return	Without
Off Position	Without Off position
Poles Description	4P
Switching Positions	Left: 330° Right: 30°
Ip Degree Of Protection	IP65 conforming to IEC 529

Complementary

Switching Angle	30 °
[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

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

Contact Operation	Slow-break
Positive Opening	With
Electrical Connection	Captive screw clamp terminals flexible, clamping capacity: 2 x 1.5 mm² Captive screw clamp terminals solid, clamping capacity: 1 x 2.5 mm²
Mechanical Durability	1000000 cycles
Cad Overall Width	45 mm
Cad Overall Height	50 mm
Cad Overall Depth	79 mm
Net Weight	0.215 kg

Environment

Standards	EN 60947-3 for power circuit EN 60947-5-1 for control circuit CENELEC EN 50013
Product Certifications	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
Protective Treatment	TC
Ambient Air Temperature For Operation	-25…55 °C
Ambient Air Temperature For Storage	-40…70 °C
Shock Resistance	30 gn conforming to IEC 68-2-27
Vibration Resistance	5 gn conforming to IEC 68-2-6 (f = 10…150 Hz)
Electrical Shock Protection Class	Class II conforming to IEC 536 Class II conforming to NF C 20-030

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations