Product data sheet

Specifications

Green Premium™

Body for changeover switch, Harmony K, rear mounting, plastic, 3 poles, position 0, 45°, 20A

K2F503U

Discontinued on: Jul 5, 2023

Discontinued

Main

Range Of Product	Harmony K
Product Or Component Type	Cam switch body
Component Name	K2
[Ith] Conventional Free Air Thermal Current	20 A
Sub-Assembly Composition	Contact blocks + fixing plate
Cam Switch Function	Changeover switch
Off Position	With Off position
Poles Description	3P
Switching Positions	Right: 0° - 45° Left: 0° - 315°
Mounting Location	Rear
Fixing Mode	4 holes
Bezel Material	Plastic

Complementary

Switching Angle	45 °
[Ui] Rated Insulation Voltage	690 V 3)IEC 60947-1
[Ithe] Conventional Enclosed Thermal Current	16 A
Rated Operational Power In W	1300 W AC-3, 230 V 1 phase IEC 947-3 14000 W AC-21, 400 V 3 phase IEC 947-3 17000 W AC-21, 550...600 V 3 phase IEC 947-3 2200 W AC-3, 230 V 3 phase IEC 947-3 2200 W AC-3, 400 V 1 phase IEC 947-3 4000 W AC-23A, 230 V 3 phase IEC 947-3 4000 W AC-3, 400 V 3 phase IEC 947-3 4000 W AC-3, 500 V 3 phase IEC 947-3 4000 W AC-3, 690 V 3 phase IEC 947-3 5500 W AC-23A, 400 V 3 phase IEC 947-3 5500 W AC-23A, 500 V 3 phase IEC 947-3 5500 W AC-23A, 690 V 3 phase IEC 947-3 8000 W AC-21, 230 V 3 phase IEC 947-3

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

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

[Ie] Rated Operational Current Ac	8 A 400 V AC-3 3 phase IEC 947-3 10.8 A 400 V AC-23A 3 phase IEC 947-3 14.6 A 230 V AC-23A 3 phase IEC 947-3 4.7 A 690 V AC-3 3 phase IEC 947-3 6.4 A 690 V AC-23A 3 phase IEC 947-3 6.5 A 500 V AC-3 3 phase IEC 947-3 8.3 A 230 V AC-3 3 phase IEC 947-3 8.9 A 500 V AC-23A 3 phase IEC 947-3 2 A 500 V AC-15 IEC 947-5-1 3 A 400 V AC-15 IEC 947-5-1 4 A 230 V AC-15 IEC 947-5-1
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 gG
[Uimp] Rated Impulse Withstand Voltage	4 kV in isolating function 6 kV IEC 947-1
Contact Operation	Slow-break
Positive Opening	With
Electrical Connection	Captive screw clamp terminals flexible 2 x 1.5 mm² Captive screw clamp terminals solid 1 x 2.5 mm²
Mechanical Durability	1000000 cycles
Net Weight	0.39 lb(US) (0.175 kg)

Environment

Standards	IEC 60947-3 power circuit IEC 60947-5-1 control circuit CENELEC EN 50013
Product Certifications	CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phase 2 UL 240 V 1 hp 3 phase UL 240 V 0.33 hp 1 phase 2
Protective Treatment	TC
Ambient Air Temperature For Operation	-13…131 °F (-25…55 °C)
Ambient Air Temperature For Storage	-40…158 °F (-40…70 °C)
Shock Resistance	30 gn IEC 68-2-27
Vibration Resistance	5 gn 10…150 Hz)IEC 68-2-6
Overvoltage Category	Class II IEC 536 Class II NF C 20-030

Ordering and shipping details

Category	18406-WORLD SERVICE PARTS(OTHER OP INT)
Discount Schedule	CS2
Gtin	3389110480627
Returnability	No
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.42 in (16.3 cm)
Package 1 Width	2.56 in (6.5 cm)
Package 1 Length	2.56 in (6.5 cm)
Package 1 Weight	6.17 oz (175.0 g)

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
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