

# Product data sheet

## Characteristics

# K2F013N

body for stepping switch - 2-pole - 45° - 20 A - for  
Ø 22 mm

Price\* : 200.00 USD

K2F013N has not been replaced. Please contact your customer care center for more information.



⚠ Discontinued

### Main

Range of product	Harmony K
Product or component type	Cam switch body
Component name	K2
[I <sub>th</sub> ] conventional free air thermal current	20 A
Sub-assembly composition	Contact blocks + fixing plate
Cam switch function	Stepping switch
Off position	Without Off position
Poles description	2P
Switching positions	Right: 0° - 45° - 90°
Mounting location	Front
Fixing mode	Ø 22 mm hole
Bezel material	Plastic

### Complementary

Number of steps	3
Switching angle	45 °
[U <sub>i</sub> ] rated insulation voltage	690 V degree of pollution 3 conforming to IEC 60947-1
[I <sub>the</sub> ] conventional enclosed thermal current	16 A
Rated operational power in W	4000 W AC-3/690 V 3 phases conforming to IEC 947-3 14000 W AC-21/400 V 3 phases conforming to IEC 947-3 4000 W AC-3/500 V 3 phases conforming to IEC 947-3 2200 W AC-3/230 V 3 phases conforming to IEC 947-3 5500 W AC-23A/400 V 3 phases conforming to IEC 947-3 5500 W AC-23A/690 V 3 phases conforming to IEC 947-3 4000 W AC-23A/230 V 3 phases conforming to IEC 947-3 8000 W AC-21/230 V 3 phases conforming to IEC 947-3 4000 W AC-3/400 V 3 phases conforming to IEC 947-3 17000 W AC-21/500 - 660 V 3 phases conforming to IEC 947-3 2200 W AC-3/400 V 1 phase conforming to IEC 947-3 5500 W AC-23A/500 V 3 phases conforming to IEC 947-3 1300 W AC-3/230 V 1 phase conforming to IEC 947-3
[I <sub>e</sub> ] rated operational current AC	2 A at 500 V AC-15 conforming to IEC 947-5-1 3 A at 400 V AC-15 conforming to IEC 947-5-1 4 A at 230 V AC-15 conforming to IEC 947-5-1

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

8 A at 400 V AC-3 3 phases conforming to IEC 947-3  
 10.8 A at 400 V AC-23A 3 phases conforming to IEC 947-3  
 14.6 A at 230 V AC-23A 3 phases conforming to IEC 947-3  
 4.7 A at 690 V AC-3 3 phases conforming to IEC 947-3  
 6.4 A at 690 V AC-23A 3 phases conforming to IEC 947-3  
 6.5 A at 500 V AC-3 3 phases conforming to IEC 947-3  
 8.3 A at 230 V AC-3 3 phases conforming to IEC 947-3  
 8.9 A at 500 V AC-23A 3 phases conforming to IEC 947-3

Electrical durability	200000 cycles AC-23 200000 cycles AC-3 600000 cycles AC-15 600000 cycles AC-21
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 by 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, 2 x 1.5 mm <sup>2</sup> Captive screw clamp terminals solid, 1 x 2.5 mm <sup>2</sup>
Mechanical durability	1000000 cycles
Product weight	0.31 lb(US) (0.14 kg)

## Environment

Standards	CENELEC EN 50013 EN/IEC 60947-3 power circuit EN/IEC 60947-5-1 control circuit
Product certifications	CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 1 hp 3 phases UL 240 V 0.33 hp 1 phase 2 -pole(s)
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 conforming to IEC 68-2-27
Vibration resistance	5 gn, 10...150 Hz conforming to IEC 68-2-6

## Ordering and shipping details

Category	18406 - WORLD SERVICE PARTS(OTHER OP INT)
Discount Schedule	CS2
Nbr. of units in pkg.	1
Package weight(Lbs)	0.31
Returnability	N
Country of origin	CZ

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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