

Product datasheet

Specifications



Harmony K1, K2, Cam reversing switch, 3 poles, with off position, 60° switching angle, 32 A, multi-fixing

K30E003WP

Price: 3,405.39 ZAR

Main

Range Of Product	Harmony K
Product Or Component Type	Complete cam switch
Component Name	K30
[Ith] Conventional Free Air Thermal Current	32 A
Product Mounting	Front mounting
Fixing Mode	4 holes
Cam Switch Head Type	With front plate 64 x 64 mm
Type Of Operator	Black handle
Rotary Handle Padlocking	Without
Presentation Of Legend	With metallic legend, 1 - 0 - 2 black marking
Cam Switch Function	Reversing switch
Return	Without
Off Position	With Off position
Poles Description	3P
Switching Positions	Right: 0° - 60° Left: 0° - 300°
Ip Degree Of Protection	IP40 conforming to IEC 60529

Complementary

Switching Angle	60 °
[Ui] Rated Insulation Voltage	690 V (pollution degree 3) conforming to IEC 60947-1
Short-Circuit Current	5000 A
Short-Circuit Protection	50 A cartridge fuse, type gG
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to EN 947-1 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 4 mm² Captive screw clamp terminals solid, clamping capacity: 2 x 6 mm²
Tightening Torque	1.2 N.m

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

Switching Capacity In Ma	11000 mA DC at 120 V 2 contact(s) for inductive load (T = 50 ms) 11000 mA DC at 180 V 3 contact(s) for inductive load (T = 50 ms) 11000 mA DC at 60 V 1 contact(s) for inductive load (T = 50 ms) 1200 mA DC at 220 V 1 contact(s) for resistive load (T = 1 ms) 1200 mA DC at 440 V 2 contact(s) for resistive load (T = 1 ms) 1200 mA DC at 660 V 3 contact(s) for resistive load (T = 1 ms) 16000 mA DC at 140 V 3 contact(s) for inductive load (T = 50 ms) 16000 mA DC at 48 V 1 contact(s) for inductive load (T = 50 ms) 16000 mA DC at 95 V 2 contact(s) for inductive load (T = 50 ms) 23000 mA DC at 120 V 2 contact(s) for resistive load (T = 1 ms) 23000 mA DC at 180 V 3 contact(s) for resistive load (T = 1 ms) 23000 mA DC at 60 V 1 contact(s) for resistive load (T = 1 ms) 25000 mA DC at 30 V 1 contact(s) for inductive load (T = 50 ms) 25000 mA DC at 60 V 2 contact(s) for inductive load (T = 50 ms) 25000 mA DC at 90 V 3 contact(s) for inductive load (T = 50 ms) 3200 mA DC at 110 V 1 contact(s) for inductive load (T = 50 ms) 3200 mA DC at 220 V 2 contact(s) for inductive load (T = 50 ms) 3200 mA DC at 330 V 3 contact(s) for inductive load (T = 50 ms) 32000 mA DC at 140 V 3 contact(s) for resistive load (T = 1 ms) 32000 mA DC at 24 V 1 contact(s) for inductive load (T = 50 ms) 32000 mA DC at 24 V 1 contact(s) for resistive load (T = 1 ms) 32000 mA DC at 48 V 1 contact(s) for resistive load (T = 1 ms) 32000 mA DC at 48 V 2 contact(s) for inductive load (T = 50 ms) 32000 mA DC at 48 V 2 contact(s) for resistive load (T = 1 ms) 32000 mA DC at 70 V 3 contact(s) for inductive load (T = 50 ms) 32000 mA DC at 70 V 3 contact(s) for resistive load (T = 1 ms) 32000 mA DC at 95 V 2 contact(s) for resistive load (T = 1 ms) 400 mA DC at 440 V 1 contact(s) for resistive load (T = 1 ms) 400 mA DC at 660 V 2 contact(s) for resistive load (T = 1 ms) 6500 mA DC at 110 V 1 contact(s) for resistive load (T = 1 ms) 6500 mA DC at 220 V 2 contact(s) for resistive load (T = 1 ms) 6500 mA DC at 330 V 3 contact(s) for resistive load (T = 1 ms)
Mechanical Durability	300000 cycles
Cad Overall Width	64 mm
Cad Overall Height	64 mm
Cad Overall Depth	106 mm
Net Weight	0.385 kg

Environment

Standards	IEC 60947-3
Product Certifications	CULus 120 V 2 hp 1 phase CULus 240 V 5 hp 1 phase CULus 240 V 5 hp 3 phases CULus 480 V 20 hp 3 phases
Protective Treatment	TC
Ambient Air Temperature For Operation	-25...55 °C
Ambient Air Temperature For Storage	-40...70 °C
Electrical Shock Protection Class	Class II conforming to IEC 60536 Class II conforming to NF C 20-030

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11.500 cm
Package 1 Width	7.200 cm
Package 1 Length	7.200 cm
Package 1 Weight	268.000 g
Unit Type Of Package 2	S03

Number Of Units In Package 2	30
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.695 kg

Contractual warranty

Warranty	18 months
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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-CO₂ 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 >](#)

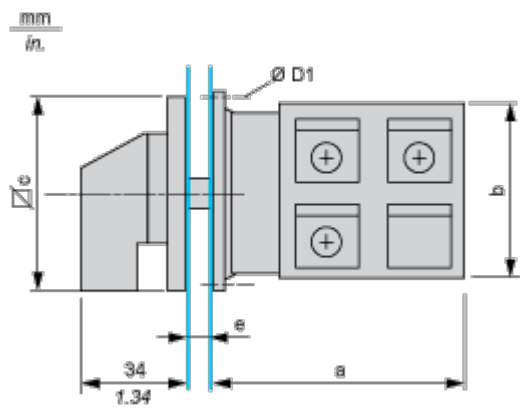
Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
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	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	

Dimensions Drawings

Dimensions

Front Mounting



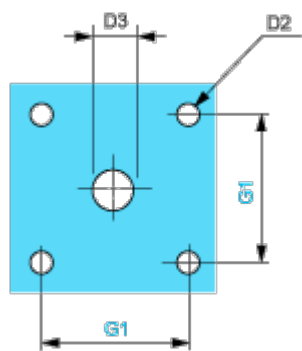
e support panel thickness 0.5 to 5.5 mm / 0.02 to 0.22 in in.

a		b		c		D1	
mm	in.	mm	in.	mm	in.	mm	in.
66.4	2.61	58	2.28	64	2.52	4.1	0.16

Mounting and Clearance

Panel Cut-Out

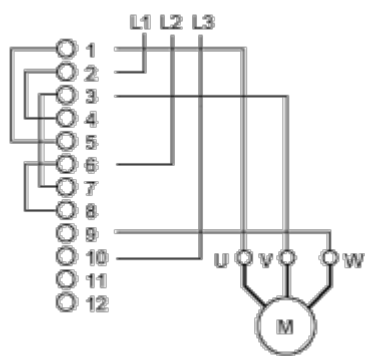
Front Mounting



D2		D3		G1	
mm	in.	mm	in.	mm	in.
4.5	0.18	10	0.39	48	1.89

Technical Description

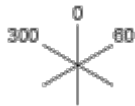
Link Positions (Factory Mounted)



Marking



Angular Position of Switch



Switching Program

300	0	60
		X
X		
X		
		X
X		X

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:

