

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K115
[I _{th}] conventional free air thermal current	115 A
Mounting location	Front
Fixing mode	4 holes
Cam switch head type	With front plate 88 x 88 mm
Type of operator	Black handle
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	IP40 conforming to IEC 529 IP40 conforming to NF C 20-010

Complementary

Switching angle	30 °
[U _i] rated insulation voltage	690 V degree of pollution 3 conforming to EN 60947-1 690 V degree of pollution 3 conforming to IEC 60947-1
Rated operational power in W	65000 W AC-23A/660/690 V 3 phases conforming to EN/IEC 60947-3 15000 W AC-23A/220/240 V 1 phase conforming to EN/IEC 60947-3 22000 W AC-23A/380/440 V 1 phase conforming to EN/IEC 60947-3 13000 W AC-3/380/440 V 1 phase conforming to EN/IEC 60947-3 45000 W AC-23A/380/440 V 3 phases conforming to EN/IEC 60947-3 30000 W AC-3/660/690 V 3 phases conforming to EN/IEC 60947-3 30000 W AC-3/380/440 V 3 phases conforming to EN/IEC 60947-3 7500 W AC-3/220/240 V 1 phase conforming to EN/IEC 60947-3 5500 W AC-23A/110 V 1 phase conforming to EN/IEC 60947-3 15000 W AC-3/220/240 V 3 phases conforming to EN/IEC 60947-3 3700 W AC-3/110 V 1 phase conforming to EN/IEC 60947-3 30000 W AC-23A/220/240 V 3 phases conforming to EN/IEC 60947-3
[I _e] rated operational current AC	100 A AC-21A conforming to EN/IEC 60947-3
Short-circuit current	15000 A
Short-circuit protection	125 A by cartridge fuse, type gG
[U _{imp}] 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, 1 x 25 mm ² Captive screw clamp terminals solid, 1 x 35 mm ²
Tightening torque	22.12 lbf.in (2.5 N.m)

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Switching capacity in mA	100000 mA DC at 140 V 3 contact(s) for resistive load (T = 1 ms) 100000 mA DC at 24 V 1 contact(s) for inductive load (T = 50 ms) 100000 mA DC at 48 V 1 contact(s) for resistive load (T = 1 ms) 100000 mA DC at 48 V 2 contact(s) for inductive load (T = 50 ms) 100000 mA DC at 70 V 3 contact(s) for inductive load (T = 50 ms) 100000 mA DC at 95 V 2 contact(s) for resistive load (T = 1 ms) 115000 mA DC at 24 V 1 contact(s) for resistive load (T = 1 ms) 115000 mA DC at 48 V 2 contact(s) for resistive load (T = 1 ms) 115000 mA DC at 70 V 3 contact(s) for resistive load (T = 1 ms) 33000 mA DC at 30 V 1 contact(s) for inductive load (T = 50 ms) 33000 mA DC at 60 V 2 contact(s) for inductive load (T = 50 ms) 33000 mA DC at 90 V 3 contact(s) for inductive load (T = 50 ms)
Mechanical durability	300000 cycles
CAD overall width	3.46 in (88 mm)
CAD overall height	3.46 in (88 mm)
CAD overall depth	7.13 in (181 mm)
Product weight	1.65 lb(US) (0.75 kg)

Environment

Standards	EN/IEC 60947-3
Product certifications	CULus 120 V 5 hp 1 phase CULus 240 V 10 hp 1 phase CULus 240 V 20 hp 3 phases CULus 480 V 30 hp 3 phases
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)
Overvoltage category	Class II conforming to IEC 60536 Class II conforming to NF C 20-030

Ordering and shipping details

Category	21446 - 9003 K CAM SWITCHES
Discount Schedule	CS1
GTIN	003389110084474
Nbr. of units in pkg.	1
Package weight(Lbs)	2.6800000000000002
Returnability	N
Country of origin	AT

Offer Sustainability

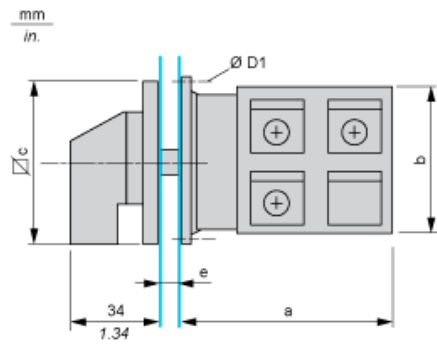
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
----- Substance 2	Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Dimensions

Front Mounting

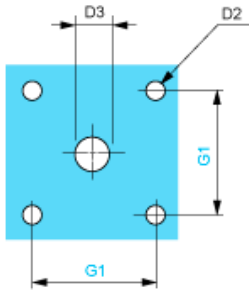


e support panel thickness 0.5 to 5.5 mm / 0.02 to 0.22 in in.

a		b		c		D1	
mm	in.	mm	in.	mm	in.	mm	in.
141	5.55	84	3.31	88	3.46	5.4	0.21

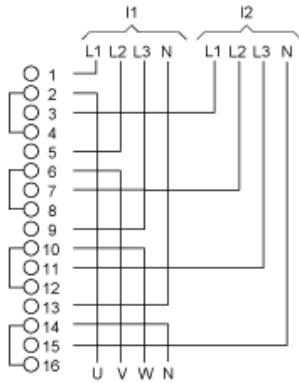
Panel Cut-Out

Front Mounting



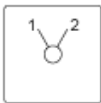
D2		D3		G1	
mm	in.	mm	in.	mm	in.
6	0.24	13	0.51	68	2.68

Link Positions (Factory Mounted)



I1 Input 1
 I2 Input 2

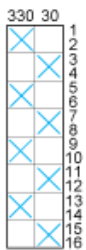
Marking



Angular Position of Switch




Switching Program

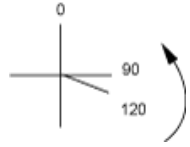


Convention Used for Switching Program Representation

- 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:



Mouser Electronics

Authorized Distributor

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