

# Product data sheet

Specifications



## cam switch - 3-pole - 90° - 115 A - screw mounting

K115C003HP

⚠ Discontinued on: Dec 2, 2020

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued

### Main

Range Of Product	Harmony K
Product Or Component Type	Complete cam switch
Component Name	K115
[Ith] Conventional Free Air Thermal Current	115 A
Product Mounting	Front mounting
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, OFF-ON black
Cam Switch Function	Switch
Return	Without
Off Position	With Off position
Poles Description	3P
Switching Positions	Right: 0° - 90°
Ip Degree Of Protection	IP40 conforming to IEC 529

### Complementary

Switching Angle	90 °
[Ui] Rated Insulation Voltage	690 V 3)EN 60947-1
Rated Operational Power In W	13000 W AC-3, 380/440 V 1 phase EN/IEC 60947-3 15000 W AC-23A, 220/240 V 1 phase EN/IEC 60947-3 15000 W AC-3, 220/240 V 3 phase EN/IEC 60947-3 22000 W AC-23A, 380/440 V 1 phase EN/IEC 60947-3 30000 W AC-23A, 220/240 V 3 phase EN/IEC 60947-3 30000 W AC-3, 380/440 V 3 phase EN/IEC 60947-3 30000 W AC-3, 660/690 V 3 phase EN/IEC 60947-3 3700 W AC-3, 110 V 1 phase EN/IEC 60947-3 45000 W AC-23A, 380/440 V 3 phase EN/IEC 60947-3 5500 W AC-23A, 110 V 1 phase EN/IEC 60947-3 65000 W AC-23A, 660/690 V 3 phase EN/IEC 60947-3 7500 W AC-3, 220/240 V 1 phase EN/IEC 60947-3
[Ie] Rated Operational Current Ac	100 A AC-21A EN/IEC 60947-3
Short-Circuit Current	15000 A
Short-Circuit Protection	125 A cartridge fuse gG

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

<b>[Uimp] Rated Impulse Withstand Voltage</b>	6 kV EN 947-1 6 kV IEC 947-1
<b>Contact Operation</b>	Slow-break
<b>Positive Opening</b>	With
<b>Electrical Connection</b>	Captive screw clamp terminals flexible 1 x 25 mm <sup>2</sup> Captive screw clamp terminals solid 1 x 35 mm <sup>2</sup>
<b>Tightening Torque</b>	22.13 lbf.in (2.5 N.m)
<b>Switching Capacity In Ma</b>	100000 mA DC 140 V 3 resistive 1 ms) 100000 mA DC 24 V 1 inductive 50 ms) 100000 mA DC 48 V 1 resistive 1 ms) 100000 mA DC 48 V 2 inductive 50 ms) 100000 mA DC 70 V 3 inductive 50 ms) 100000 mA DC 95 V 2 resistive 1 ms) 115000 mA DC 24 V 1 resistive 1 ms) 115000 mA DC 48 V 2 resistive 1 ms) 115000 mA DC 70 V 3 resistive 1 ms) 33000 mA DC 30 V 1 inductive 50 ms) 33000 mA DC 60 V 2 inductive 50 ms) 33000 mA DC 90 V 3 inductive 50 ms)
<b>Mechanical Durability</b>	300000 cycles
<b>Cad Overall Width</b>	3.46 in (88 mm)
<b>Cad Overall Height</b>	3.46 in (88 mm)
<b>Cad Overall Depth</b>	5.04 in (128 mm)
<b>Net Weight</b>	1.50 lb(US) (0.68 kg)

## Environment

<b>Standards</b>	EN/IEC 60947-3
<b>Product Certifications</b>	CULus 120 V 5 hp 1 phase CULus 240 V 10 hp 1 phase CULus 240 V 20 hp 3 phase CULus 480 V 30 hp 3 phase
<b>Protective Treatment</b>	TC
<b>Ambient Air Temperature For Operation</b>	-13...131 °F (-25...55 °C)
<b>Ambient Air Temperature For Storage</b>	-40...158 °F (-40...70 °C)
<b>Electrical Shock Protection Class</b>	Class II IEC 60536 Class II NF C 20-030

## Ordering and shipping details

<b>Category</b>	21446-9003 K CAM SWITCHES
<b>Discount Schedule</b>	CS1
<b>Gtin</b>	3389110079968
<b>Returnability</b>	No
<b>Country Of Origin</b>	AT

## Contractual warranty

<b>Warranty</b>	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-CO<sub>2</sub> 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

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✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Pro-active compliance (Product out of EU RoHS legal scope)  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)

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**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

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**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](http://www.P65Warnings.ca.gov)

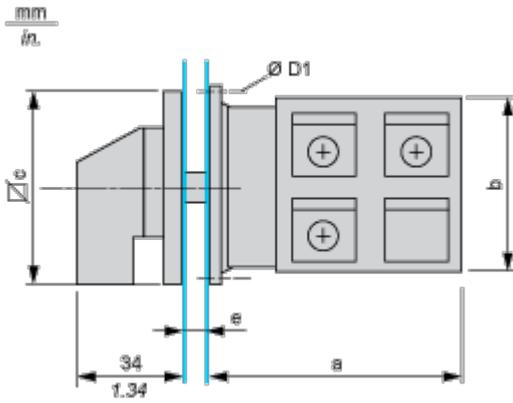
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Dimensions Drawings

Dimensions

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Rear Mounting



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

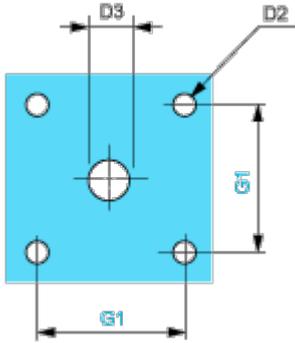
a		b		c		D1	
mm	in.	mm	in.	mm	in.	mm	in.
88	3.46	84	3.30	88	3.46	5.4	0.21

Mounting and Clearance

Panel Cut-Out

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Front Mounting



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

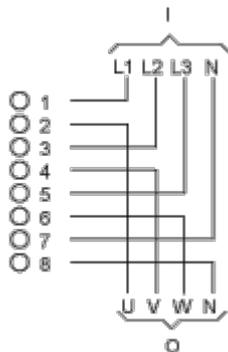
Technical Description

**Link Positions (Factory Mounted)**

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**Diagram for 3 to 4-pole Switches**

Select the number of poles according to the product characteristics

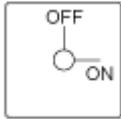


I Input

O Output

Marking

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Angular Position of Switch

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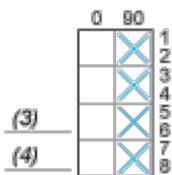


Switching Program

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Diagram for 3 to 4-pole Switches

Select the number of poles according to the product characteristics



(3) 3-pole

(4) 4-pole

**Convention Used for Switching Program Representation**

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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:

