

# Product datasheet

Specifications



## cam star-delta switch - 3-pole - 60° - 115 A - screw mounting

K115H001YP

⚠ Discontinued on: 1 Jul 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
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, 0 - Y - delta black marking
Cam Switch Function	Star-delta 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 529

### Complementary

Switching Angle	60 °
[Ui] Rated Insulation Voltage	690 V (pollution degree 3) conforming to EN 60947-1
Rated Operational Power In W	13000 W AC-3, 380/440 V 1 phase conforming to EN/IEC 60947-3 15000 W AC-23A, 220/240 V 1 phase conforming to EN/IEC 60947-3 15000 W AC-3, 220/240 V 3 phases conforming to EN/IEC 60947-3 22000 W AC-23A, 380/440 V 1 phase conforming to EN/IEC 60947-3 30000 W AC-23A, 220/240 V 3 phases conforming to EN/IEC 60947-3 30000 W AC-3, 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 3700 W AC-3, 110 V 1 phase conforming to EN/IEC 60947-3 45000 W AC-23A, 380/440 V 3 phases conforming to EN/IEC 60947-3 5500 W AC-23A, 110 V 1 phase conforming to EN/IEC 60947-3 65000 W AC-23A, 660/690 V 3 phases conforming to EN/IEC 60947-3 7500 W AC-3, 220/240 V 1 phase conforming to EN/IEC 60947-3
[Ie] Rated Operational Current Ac	100 A AC-21A
Short-Circuit Current	15000 A
Short-Circuit Protection	125 A cartridge fuse, type gG

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

<b>[Uimp] Rated Impulse Withstand Voltage</b>	6 kV conforming to EN 947-1 6 kV conforming to IEC 947-1
<b>Contact Operation</b>	Slow-break
<b>Positive Opening</b>	With
<b>Electrical Connection</b>	Captive screw clamp terminals flexible, clamping capacity: 1 x 25 mm <sup>2</sup> Captive screw clamp terminals solid, clamping capacity: 1 x 35 mm <sup>2</sup>
<b>Tightening Torque</b>	2.5 N.m
<b>Switching Capacity In Ma</b>	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)
<b>Mechanical Durability</b>	300000 cycles
<b>Cad Overall Width</b>	88 mm
<b>Cad Overall Height</b>	88 mm
<b>Cad Overall Depth</b>	181 mm
<b>Net Weight</b>	0.75 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 phases CULus 480 V 30 hp 3 phases
<b>Protective Treatment</b>	TC
<b>Ambient Air Temperature For Operation</b>	-25...55 °C
<b>Ambient Air Temperature For Storage</b>	-40...70 °C
<b>Overvoltage Category</b>	Class II conforming to IEC 60536 Class II conforming to NF C 20-030

## 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 >](#)

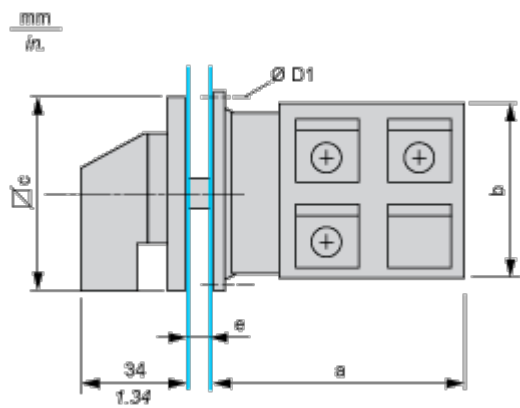
## Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Reach Regulation	<a href="#">REACH Declaration</a>	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>	
China Rohs Regulation	<a href="#">China RoHS declaration</a>	
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



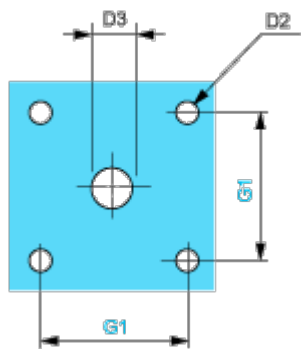
e support panel thickness 0.5 to 5.5 mm / 0.02 to 0.22 in in.

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

Mounting and Clearance

Panel Cut-Out

Front Mounting

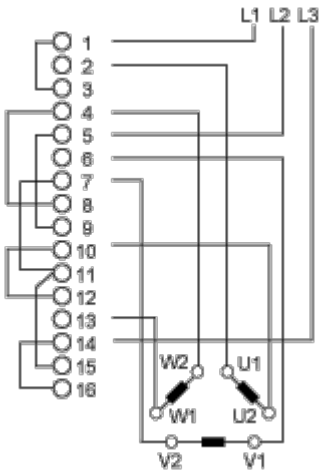


D2		D3		G1	
mm	in.	mm	in.	mm	in.
6	0.24	13	0.51	68	2.68

Technical Description

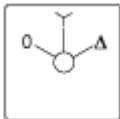
Link Positions (Factory Mounted)

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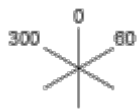
Marking

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Angular Position of Switch

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## Switching Program

[illegible]

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:

