

# Product datasheet

Specifications



## cam changeover switch - 3-pole - 60° - 150 A - screw mounting

K150F013UP

⚠ Discontinued on: 9 Feb 2023

EAN Code: 3389110084252

⚠ Discontinued

### Main

Range Of Product	Harmony K
Product Or Component Type	Complete cam switch
Component Name	K150
[Ith] Conventional Free Air Thermal Current	150 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	3P
Switching Positions	Right: 30° Left: 330°
Ip Degree Of Protection	IP40 conforming to IEC 60529

### Complementary

Switching Angle	30 °
[Ui] Rated Insulation Voltage	690 V (pollution degree 3) conforming to IEC 60947-1
Short-Circuit Current	25000 A
Short-Circuit Protection	200 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: 1 x 50 mm² Captive screw clamp terminals solid, clamping capacity: 1 x 70 mm²
Tightening Torque	2.5 N.m

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	150000 mA DC at 140 V 3 contact(s) for resistive load (T = 1 ms) 150000 mA DC at 24 V 1 contact(s) for inductive load (T = 50 ms) 150000 mA DC at 24 V 1 contact(s) for resistive load (T = 1 ms) 150000 mA DC at 48 V 1 contact(s) for resistive load (T = 1 ms) 150000 mA DC at 48 V 2 contact(s) for inductive load (T = 50 ms) 150000 mA DC at 48 V 2 contact(s) for resistive load (T = 1 ms) 150000 mA DC at 70 V 3 contact(s) for inductive load (T = 50 ms) 150000 mA DC at 70 V 3 contact(s) for resistive load (T = 1 ms) 150000 mA DC at 95 V 2 contact(s) for resistive load (T = 1 ms) 50000 mA DC at 30 V 1 contact(s) for inductive load (T = 50 ms) 50000 mA DC at 60 V 2 contact(s) for inductive load (T = 50 ms) 50000 mA DC at 90 V 3 contact(s) for inductive load (T = 50 ms)
Mechanical Durability	300000 cycles
Cad Overall Width	88 mm
Cad Overall Height	88 mm
Cad Overall Depth	172 mm
Net Weight	0.76 kg

## Environment

Standards	IEC 60947-3
Product Certifications	CULus 240 V 15 hp 1 phase CULus 240 V 25 hp 3 phases CULus 480 V 40 hp 3 phases CULus 120 V 7.5 hp 1 phase
Protective Treatment	TC
Ambient Air Temperature For Operation	-25...55 °C
Ambient Air Temperature For Storage	-40...70 °C
Overvoltage Category	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	9.8 cm
Package 1 Width	9.8 cm
Package 1 Length	24.0 cm
Package 1 Weight	1.215 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	5
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.622 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-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 >](#)

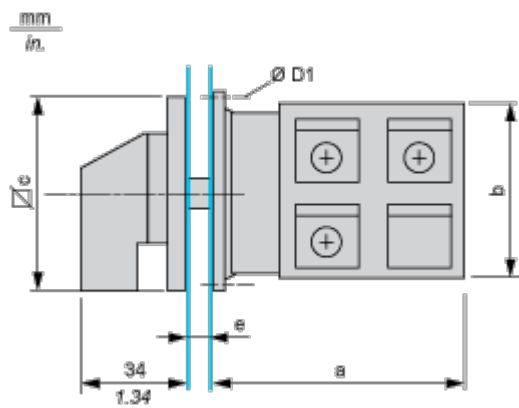
## Well-being performance

✓	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



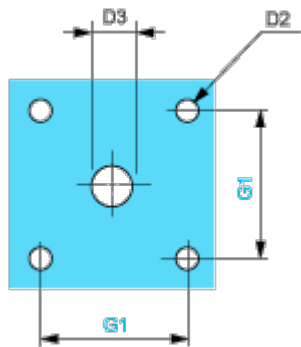
e support panel thickness 0.5 to 5.5 mm / 0.02 to 0.22 in in.

a		b		c		D1	
mm	in.	mm	in.	mm	in.	mm	in.
132.5	5.22	88	3.46	88	3.46	5.4	0.21

Mounting and Clearance

Panel Cut-Out

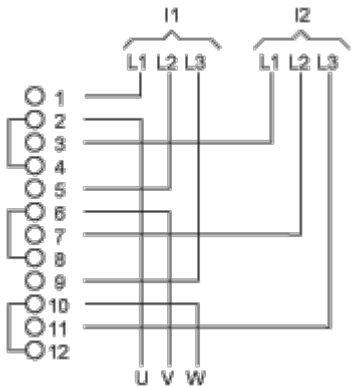
Front Mounting



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

Technical Description

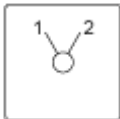
Link Positions (Factory Mounted)



- I1 Input 1
- I2 Input 2

Marking

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Angular Position of Switch

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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:

