



Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K150
[I _{th}] conventional free air thermal current	150 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 legend, OFF-ON black marking
Cam switch function	Switch
Return	Without
Off position	With Off position
Poles description	4P
Switching positions	Right: 0° - 90°
IP degree of protection	IP40 conforming to IEC 529 IP40 conforming to NF C 20-010

Complementary

Switching angle	90 °
[U _i] rated insulation voltage	690 V (pollution degree 3) conforming to EN 60947-1 690 V (pollution degree 3) conforming to IEC 60947-1
Short-circuit current	25000 A
Short-circuit protection	200 A 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, clamping capacity: 1 x 50 mm ² Captive screw clamp terminals solid, clamping capacity: 1 x 70 mm ²
Tightening torque	2.5 N.M

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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	140 Mm
Net weight	0.88 Kg

Environment

Standards	EN/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
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 Weight	1.012 Kg
Package 1 Height	9.7 Cm
Package 1 width	9.8 Cm
Package 1 Length	23.5 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	5
Package 2 Weight	5.773 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
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

Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**