



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
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, 0 - Y - delta black marking
Cam switch function	Star-delta switch
Return	Without
Off position	With Off position
Poles description	3P
Switching positions	Left: 0° - 300° Right: 0° - 60°
IP degree of protection	IP40 conforming to NF C 20-010 IP40 conforming to IEC 529

Complementary

Switching angle	60 °
[U _i] rated insulation voltage	690 V degree of pollution 3 conforming to IEC 60947-1 690 V degree of pollution 3 conforming to EN 60947-1
Rated operational power in W	3700 W AC-3 /110 V 1 phase conforming to EN/IEC 60947-3 5500 W AC-23A /110 V 1 phase conforming to EN/IEC 60947-3 7500 W AC-3 /220/240 V 1 phase conforming to EN/IEC 60947-3 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-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 30000 W AC-23A /220/240 V 3 phases conforming to EN/IEC 60947-3 45000 W AC-23A /380/440 V 3 phases conforming to EN/IEC 60947-3 65000 W AC-23A /660/690 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 IEC 947-1 6 kV conforming to EN 947-1
Contacts operation	Slow-break
Positive opening	With
Electrical connection	Captive screw clamp terminals solid cable, 2 x 35 mm ² Captive screw clamp terminals flexible cable, 2 x 25 mm ²
Tightening torque	2.5 N.m

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Switching capacity in mA	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) 100000 mA DC at 48 V 1 contact(s) for resistive load (T = 1 ms) 100000 mA DC at 95 V 2 contact(s) for resistive load (T = 1 ms) 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 2 contact(s) for inductive load (T = 50 ms) 100000 mA DC at 70 V 3 contact(s) for inductive load (T = 50 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)
Mechanical durability	300000 cycles
Product weight	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	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Class of protection against electric shock	Class II conforming to NF C 20-030 Class II conforming to IEC 60536
RoHS EUR conformity date	0627
RoHS EUR status	Compliant