Product data sheet
Characteristics

K63F003UP
cam changeover switch - 3-pole - 60° - 63 A - screw mounting

Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K63
[Ith] conventional free air thermal current	63 A
Product mounting	Front mounting
Fixing mode	4 holes
Cam switch head type	With front plate 64 x 64 mm
Type of operator	Black handle
Rotary handle padlock-ing	Without
Presentation of legend	With metallic legend, 1 - 0 - 2 black marking
Cam switch function	Changeover 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 °
[Ui] 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
Short-circuit current	10000 A
Short circuit protection	80 A by cartridge fuse , type gG
[Uimp] 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 16 mm² Captive screw clamp terminals flexible cable, 2 x 10 mm²
Tightening torque	2.5 N.m
Switching capacity in mA	20000 mA DC at 48 V 1 contact(s) for inductive load (T = 50 ms) 20000 mA DC at 95 V 2 contact(s) for inductive load (T = 50 ms) 20000 mA DC at 140 V 3 contact(s) for inductive load (T = 50 ms) 30000 mA DC at 60 V 1 contact(s) for resistive load (T = 1 ms) 30000 mA DC at 120 V 2 contact(s) for resistive load (T = 1 ms) 30000 mA DC at 180 V 3 contact(s) for resistive load (T = 1 ms) 55000 mA DC at 30 V 1 contact(s) for inductive load (T = 50 ms) 55000 mA DC at 60 V 2 contact(s) for inductive load (T = 50 ms) 55000 mA DC at 90 V 3 contact(s) for inductive load (T = 50 ms) 63000 mA DC at 24 V 1 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 48 V 2 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 70 V 3 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 48 V 1 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 95 V 2 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 140 V 3 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 24 V 1 contact(s) for inductive load (T = 50 ms) 63000 mA DC at 48 V 2 contact(s) for inductive load (T = 50 ms) 63000 mA DC at 70 V 3 contact(s) for inductive load (T = 50 ms)
Mechanical durability	300000 cycles
Product weight	0.59 kg

Environment

Standards	EN/IEC 60947-3
Product certifications	CULus 120 V 3 hp 1 phase CULus 240 V 7.5 hp 1 phase CULus 240 V 10 hp 3 phases CULus 480 V 25 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