

# K10F027MCH

cam voltmeter switch - 3L and 3L-N - 45° - 10 A - for Ø 16 or 22 mm



## Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K10
[I <sub>th</sub> ] conventional free air thermal current	10 A
Product mounting	Front mounting
Fixing mode	Ø 16 or 22 mm hole
Cam switch head type	With front plate 30 x 30 mm
Type of operator	Black handle
Rotary handle padlocking	Without
Presentation of legend	With metallic legend, 0 - L1N - L2N - L3N - L1L2 - L2L3 - L3L1 black marking
Cam switch function	Voltmeter switch
Return	Without
Type of measurement	Between 3 phases and between 1 phase and neutral
Off position	With Off position
Switching positions	Left: 0° - 315° - 270° - 225° Right: 0° - 45° - 90° - 135°
IP degree of protection	IP20 (contact block) IP65 (operating head) conforming to IEC 60529

## Complementary

Switching angle	45 °
[U <sub>i</sub> ] rated insulation voltage	440 V degree of pollution 3 conforming to IEC 60947-1
Rated operational power in W	370 W AC-23A /110/120 V 1 phase 750 W AC-23A /220/240 V 1 phase 1800 W AC-23A /220/240 V 3 phases
Rated power in hp	0.33 hp AC at 110/120 V 1 phase 0.75 hp AC at 110/120 V 3 phases 0.75 hp AC at 220/240 V 1 phase 1 hp AC at 220/240 V 3 phases
[I <sub>e</sub> ] rated operational current AC	3 A at 240 V AC-15 6 A at 120 V AC-15 10 A at 400 V AC-21A 10 A at 400 V AC-1
[I <sub>e</sub> ] rated operational current DC	0.3 A at 220 V resistive load 0.7 A at 110 V resistive load 10 A at 24 V resistive load
Electrical durability	100000000 cycles
Short circuit protection	10 A by cartridge fuse , type gG
[U <sub>imp</sub> ] rated impulse withstand voltage	4 kV conforming to IEC 60947-1
Contacts operation	Slow-break
Electrical connection	Captive screw clamp terminals , 2 x 1.5 mm <sup>2</sup>
Mechanical durability	1000000 cycles
Product weight	0.055 kg

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## Environment

Standards	CENELEC EN 50013 EN/IEC 60947-3 EN/IEC 60947-5-1
Product certifications	CULus
Protective treatment	TC
Ambient air temperature for operation	-20...55 °C
Ambient air temperature for storage	-40...70 °C
Class of protection against electric shock	Class II conforming to IEC 60536
RoHS EUR conformity date	0627
RoHS EUR status	Compliant