



B223042

Kambryter voltm.vend.fas/fas/N

Partnumber: K1F027MLH

Wholesalernumber: 1402523

EAN 13 code: 3389110979428

cam voltmeter switch - 3L and 3L-N - 45° - 12 A - screw mounting

Technical information

► Functional

type of operator	black handle, length = 35 mm
rotary handle padlocking	without
cam switch function	voltmeter switch
return	without
type of measurement	between 3 phases and between each of the 3 phases and neutral
off position	with Off position
switching angle	45 ° Degree
switching positions	left: 0° - 315° - 270° - 225° right: 0° - 45° - 90° - 135°
operating rate	2.5 cyc/mn AC-21 2.5 cyc/mn AC-23 2.5 cyc/mn AC-3 8.333 cyc/mn AC-15
contacts operation	slow-break
positive opening	with

► Electrical

[Ith] conventional free air thermal current	12 A A
[Ui] rated insulation voltage	690 V degree of pollution 3 conforming to IEC 60947-1
[Ithe] conventional enclosed thermal current	10 A A
rated operational power in W	10500 W AC-21/500...660 V 3 phases conforming to IEC 947-3 1100 W AC-3/230 V 3 phases conforming to IEC 947-3 1500 W AC-23A/230 V 3 phases conforming to IEC 947-3 1500 W AC-3/400 V 1 phase conforming to IEC 947-3 1500 W AC-3/400 V 3 phases conforming to IEC 947-3 1500 W AC-3/500 V 3 phases conforming to IEC 947-3 1500 W AC-3/690 V 3 phases conforming to IEC 947-3 2200 W AC-23A/400 V 3 phases conforming to IEC 947-3 2200 W AC-23A/500 V 3 phases conforming to IEC 947-3 2200 W AC-23A/690 V 3 phases conforming to IEC 947-3 4800 W AC-21/230 V 3 phases conforming to IEC 947-3 600 W AC-3/230 V 1 phase conforming to IEC 947-3 8300 W AC-21/400 V 3 phases conforming to IEC 947-3
[Ie] rated operational current AC	1 A at 500 V AC-15 conforming to IEC 947-5-1 2 A at 400 V AC-15 conforming to IEC 947-5-1 3 A at 230 V AC-15 conforming to IEC 947-5-1 1.8 A at 690 V AC-3 3 phases conforming to IEC 947-3 2.8 A at 500 V AC-3 3 phases conforming to IEC 947-3 2.8 A at 690 V AC-23A 3 phases conforming to IEC 947-3 3.3 A at 400 V AC-3 3 phases conforming to IEC 947-3 3.8 A at 500 V AC-23A 3 phases conforming to IEC 947-3 4.6 A at 230 V AC-3 3 phases conforming to IEC 947-3 4.8 A at 400 V AC-23A 3 phases conforming to IEC 947-3 5.6 A at 230 V AC-23A 3 phases conforming to IEC 947-3 10000 A A
short-circuit current	16 A by cartridge fuse, type gG
short circuit protection	4 kV in isolating function
[Uimp] rated impulse withstand voltage	

	6 kV conforming to IEC 947-1
► Performance	
electrical durability	1000000 cycles AC-15 1000000 cycles AC-21 500000 cycles AC-23 500000 cycles AC-3 1000000 cycles cycles
mechanical durability	
► Connections	
electrical connection	captive screw clamp terminals flexible, 2 x 1.5 mm ² captive screw clamp terminals solid, 1 x 2.5 mm ²
► Installation	
product mounting	front mounting
fixing mode	multifixing
► Product identification	
range of product	Harmony K
product or component type	complete cam switch
component name	K1
cam switch head type	with front plate 45 x 45 mm with metallic legend, 0 - L1N - L2N - L3N - L1L2 - L2L3 - L3L1 black marking
presentation of legend	
► Physical characteristics	
CAD overall width	45 mm mm
CAD overall height	45 mm mm
CAD overall depth	97 mm mm
product weight	0.17 kg kg
► Environment	
protective treatment	TC
ambient air temperature for operation	-25...55 °C °C
ambient air temperature for storage	-40...70 °C °C
shock resistance	30 gn conforming to IEC 68-2-27
vibration resistance	5 gn, 10...150 Hz conforming to IEC 68-2-6
class of protection against electric shock	class II conforming to IEC 536 class II conforming to NF C 20-030
IP degree of protection	IP40 conforming to IEC 529 IP40 conforming to NF C 20-010
► Certifications and standards	
standards	CENELEC EN 50013 EN 60947-3 for power circuit EN 60947-5-1 for control circuit IEC 60947-3 for power circuit IEC 60947-5-1 for control circuit
product certifications	CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 1 hp 3 phases UL 240 V 0.33 hp 1 phase 2 -pole(s)

Supplier information

Supplier: Schneider Electric Norge AS
Adress: Deliveien 10, 1540 Vestby

Fax: + 47 64 98 57 01
Phone: +47 64 98 56 00

Web: <http://www.schneider-electric.no>
e-Mail: kundesenter@no.schneider-electric.com