

K2A001ALH

grebenasta sklopka – 1 pol – 45° – 20 A – montiranje pomoću vijaka



Glavno

| | |
|---|--|
| Range of product | Harmony K |
| Product or component type | Complete cam switch |
| Component name | K2 |
| [Ith] conventional free air thermal current | 20 A |
| Mounting location | Front |
| Fixing mode | Multifixing |
| Cam switch head type | With front plate 45 x 45 mm |
| Type of operator | Black handle, length = 35 mm |
| Rotary handle padlocking | Without |
| Presentation of legend | With metallic legend, 0 - 1 black marking |
| Cam switch function | Switch |
| Return | Without |
| Off position | With Off position |
| Poles description | 1P |
| Switching positions | Right: 0° - 45° |
| IP degree of protection | IP40 conforming to IEC 529 IP40 conforming to NF C 20-010 |

Komplementarno

| | |
|--|---|
| Switching angle | 45 ° |
| [Ui] rated insulation voltage | 690 V degree of pollution 3 conforming to IEC 60947-1 |
| [Ithe] conventional enclosed thermal current | 16 A |
| Electrical durability | 200000 cycles AC-23 200000 cycles AC-3 600000 cycles AC-15 600000 cycles AC-21 |
| 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 |
| Short-circuit current | 10000 A |
| Short-circuit protection | 20 A by cartridge fuse, type gG |
| [Uimp] rated impulse withstand voltage | 4 kV in isolating function 6 kV conforming to IEC 947-1 |
| Contact operation | Slow-break |
| Positive opening | With |
| Electrical connection | Captive screw clamp terminals flexible, 2 x 1.5 mm ² Captive screw clamp terminals solid, 1 x 2.5 mm ² |
| Mechanical durability | 1000000 cycles |
| CAD overall width | 45 mm |
| CAD overall height | 45 mm |
| CAD overall depth | 77 mm |
| Product weight | 0.103 kg |

Okolina

| | |
|-----------|--|
| standards | CENELEC EN 50013 EN/IEC 60947-3 for power circuit EN/IEC 60947-5-1 for control circuit |
|-----------|--|

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i poplunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

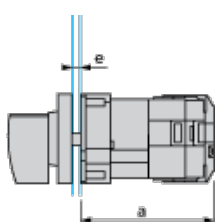
| | |
|---------------------------------------|---|
| product certifications | CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 1 hp 3 phases UL 240 V 0.33 hp 1 phase 2 -pole(s) |
| protective treatment | TC |
| ambient air temperature for operation | -25...55 °C |
| ambient air temperature for storage | -40...70 °C |
| shock resistance | 30 gn conforming to IEC 68-2-27 |
| vibration resistance | 5 gn, 10...150 Hz conforming to IEC 68-2-6 |
| overvoltage category | Class II conforming to IEC 536 Class II conforming to NF C 20-030 |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Operating Head and Body

Front Mounting "Multi-Fixing"

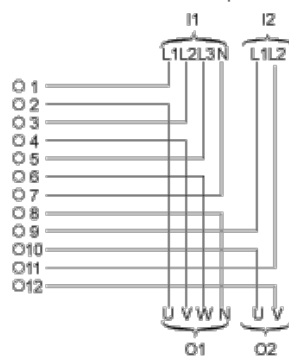


- a 53 mm/2.09 in.
- e support panel thickness 1 mm to 6 mm./0.039 in. to 0.24 in.

Link Positions (Factory Mounted)

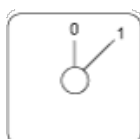
Diagram for 1 to 6-pole Switches

Select the number of poles according to the product characteristics.



- I1 Input 1
- I2 Input 2
- O1 Output 1
- O2 Output 2

Marking



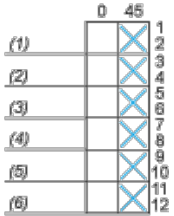
Angular Position of Switch



Switching Program

Diagram for 1 to 6-pole Switches

Select the number of poles according to the product characteristics.



- (1) 1-pole
- (2) 2-pole
- (3) 3-pole
- (4) 4-pole
- (5) 5-pole
- (6) 6-pole

Convention Used for Switching Program Representation



Contact closed



Contact closed in 2 positions and maintained between the 2 positions



Sealed assembly for auto-maintain control



Overlapping contacts



Spring return position: for a switching angle of 90°, spring return is over 30° after the last position (for a maximum of 3 simultaneous contacts).

Example:

