KNIFE SWITCHES - DISCONNECTING DEVICES





Type

Rated voltage Impulse voltage: Rated current:

Resistance to surface currents: Working temperature: Insulation class:

Type of clamps to connect the cables: Clamps connecting capacity: Overvoltage category: Protection degree (IP)

In conformity to the standards: In conformity to the

requirements of the directive:

Approval marks:

3 POLES KNIFE SWITCH

400 V AC (300 V DC) 5 kV 20 A AC (14 A DC)

TK 175 T 120°C (*T240°C)

SCREW CLAMPS 0.75 - 2.50 mm²

FN60598-1 2014/35/EU

IP20

CSv - IMQ

3 poles knife-switch with body in PA66 and working temperature T120°C. M26. *M26H: 3 poles knife-switch with body in LCP and working temperature T240°C.

6 poles knife-switch (6 poles IN + 6 poles OUT) with body in PA66 M26S. and working temperature T120°C.

*M26SH: 6 poles knife-switch (6 poles IN + 6 poles OUT) with body in LCP and working temperature T240°C.

· Body in black thermoplastic material PA66 25% G.F. - VO (LCP for the version T240°C).

Contacts in nickel-plated copper alloy.

Reinforcing spring for the contacts in steel Aisi 301. Bush-clamps with screw with combined slot+cross head,

for cables from 0,75 mm2 to 2,50 mm2

Leaf for the protection of the strands of the core, inserted in the bush.

Weight: 125 g.

Note 1: is possible to set this model of knife-switch according to the wished wiring for the customer, so that less components are needed. Here below the available settings:

M26 and M26H, standard version,

- nr. 6 bushes in the female part (3 poles IN + 3 poles OUT) and
- nr. 6 bushes in the male part (3 + 3 poles OUT).

M26 MF and M26H MF.

- nr. 6 bushes only in the female part (3 poles IN + 3 poles OUT). M26 MM and M26H MM.
- nr. 3 bushes in the female part (3 poles IN) and
- nr. 3 bushes in the male part (3 poles OUT).

M26 MD and M26H MD,

- nr. 6 bushes in the female part (3 poles IN + 3 poles OUT) and - nr. 3 bushes in the male part (3 poles OUT).
- M26S and M26SH, 6 poles special version,
- nr. 6 bushes in the female part (6 poles IN) and
- nr. 6 bushes in the male part (6 poles OUT).

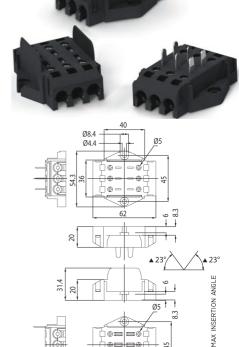




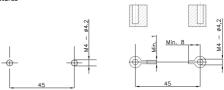
screwdriver with max diameter 5 mm (screw tightening torque from 0,8 to 1,5



Note 2: to tighten the clamps screw, use a Nm).



. Instruction to fix the knife-switch on structures



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• Fixing of the knife-switch using the holes diameter 4,2 mm with center distance 45 mm.

In case of fixing of the knife-switch on columns, foresee a support area with a width of at least 1 mm at a distance of at least 8 mm towards the fixing hole.

Note 3: for this knife-switch a series of accessories as a cord-grip and cable-guide is also available.

These versions are described at page 707.