

NETWORK PROTECTION

Fuse switch disconnecter triple pole 160A

BENEFITS

- > **Rating** 160A.
- > **Fuse size** NH00.
- > **Conductors section** 6-95mm² (K293), 6-120mm² (L284).

APPLICATION

This Gang Fuse Switch Disconnecter (FSD) is a multi-phase device. It is installed at the top of a pole or on façade.

It protects the overhead connection supplying one or more multi-phase customers or the low voltage circuit of a pole mounted transformer.

It is designed to receive 160A fuse cartridge or 240A solid connecting links, size 00 (according to the **IEC 269-2.1** standard).



K293 - Insulation piercing



L284 - Stripping

DESCRIPTION

Fuse Switch Disconnecter :

- The FSD ratings are:
 - Rated voltage, Ue: 500V
 - Rated frequency: 50 up to 60Hz
 - Rated insulation voltage, Ui: 1 000V
 - Rated current, Ie: 160A
 - The FSD K293 uses the insulation piercing technology and receives insulated conductors from 6 up to 95mm² Al-Cu (entry seals are of black colour).
 - The FSD L284 uses the stripping technology and receives insulated conductors from 6 up to 120mm² Al-Cu (entry seals are of grey colour).
 - The fuse holders are opened, removed and closed simultaneously using a hook stick or a stick to be screwed on the adaptor.
- Note: the fuse holder can be installed without fuse.*
- The polarity test points are accessible on each terminal without removing the fuse holder.
 - The protection degree is IP33.

Bracket:

- The bracket is available in 4 holes type. It is made of galvanised steel highly resistant to corrosion. A hook at its end is used to fix a service cable anchoring clamp.
- Fixing on a pole or façade is achieved by two 10mm diameter galvanised steel screws and two holes on the bracket (top hole having a key shape to make it easier to position the Gang FSD). Fixing on poles can also be carried out using two stainless steel straps thanks to spurs on the bracket.

This fuse switch disconnecter meets the criteria of the **IEC 60 947-3** and **IEC 60 269-2** standards.

REFERENCES

Code	Designation	Weight (kg)	Sales unit
K293	TRIPLE PHASE FSD 160A (NH00) PIERCING 6-95	2.710	2
L284	TRIPLE PHASE FSD 160A (NH00) STRIPPING 6-120	2.710	2

Note : Fixing with two 10mm diameter galvanised steel screws is provided with the disconnecter.

Customised solution:

Several options available:

- For the fuse presence indicator, add **P** to the reference.
- For the blown fuse LED indicator, add **L** to the reference.
(Use a NH 00 fuse carrying metal fixing bracket linked to the blade).
- For the shear head indicator, add **H** to the reference.
- For the colour of the fuse carrier, add **C** to the reference and specify the colour (black is standard colour).



Option : double tap

A double tap is available by adding an end connector with two insulation piercing taps.

The conductor section goes from 6 to 35mm² Al/Cu.



REFERENCE

Code	Designation	Weight (kg)	Sales unit
K098	DOUBLE TAP END CONNECTOR (6-35mm ²)	0.140	10

Alternative: Fuse switch disconnecter double triple pole 160A (size 00)



REFERENCE

Code	Designation	Weight (kg)	Sales unit
K296	DOUBLE TRIPLE PHASE FSD 160A (NH00) PIERCING 6-95	3.800	2

Note : Fixing with two 10mm diameter galvanised steel screws is provided with the disconnecter.