

MULTIFIX® 60

D02 Vertical Switch Fuse Disconnecter 63 A, 400 V AC Triple Pole

BUS BAR SYSTEMS

COMPONENTS FOR 60MM SYSTEMS



MULTIFIX® 60 is a system for energy distribution comprising a variety of modular combinable components. The energy distribution is carried out via copper bus bars in a 60 mm bus bar system up to 630 A, 400 V AC, 500 V AC, 690 V AC, 45–62 Hz. Short circuit withstand tested to VDE 0660 part 500 and IEC 60439-1.

MULTIFIX® 60 is suitable for triple pole, quadruple pole and quintuple pole applications.

The components of the MULTIFIX® 60 system are mounted directly without drilling. This method offers high flexibility for extension and alteration of existing installations -> reduced installation time.

D02-vertical switch fuse disconnecter 63A, 400VAC, triple pole is installed on to 60 mm bus bar directly by snap in mode and automatic interlocking. It is designed for bus bars with a width of 12 to 30 mm and a thickness of 5 to 10 mm. Width of switch is only 27 mm which allows space saving, system compatible installation. The Plug technique to EN 50110-1 allows installation without screw caps.

TECHNICAL DATA OVERVIEW

Voltage AC	690 VAC
Amper (A)	63 A
Size per Standard	D02
SCCR	Ue = AC 400 V; Ie = 63 A 50 kA
Switchability	triple pole switching
Product Size	D02
Number of Poles	3

FEATURES & BENEFITS

- For bus bars with width 12 - 30mm and thickness 5 - 10mm
- For direct installation without drilling on to 60mm bus bar systems
- Ease of installation - snap in mode and automatic interlocking
- Blinking indicator for indication of operation of fuse link
- Plug technique to EN 50110-1 - installation with screw caps
- Indication of switch contact
- Padlocking and sealing facility
- Special adapter ring for the use of D01-fuse links (included in delivery)
- For D01- and D02-fuse links and D0-cartridge ring adapter inserts in accordance with IEC/EN 60269-3, VDE 0636-3

APPLICATIONS

- Panel board builders
- Control system engineering
- Industrial plants
- Heating & air conditioning systems

STANDARDS

- IEC/EN 60 947-3
For D01- and D02-fuse links and D0-push-in gauge piece in accordance with IEC/EN 60 269-3, VDE 0636-3



MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

PRODUCT RANGE



1.002.602

D02-vertical switch fuse disconnecter 63A, 400VAC triple pole

Catalog number	Reference number	Poles	Design	Weight kg ¹	Package	Size
1.002.602	M1006399	3	triple pole switching	0.35	3	D02
1.002.603	P1006401	3	triple pole switching with neutral conductor	0.44	3	D02
1.002.604	R1026620	3	triple pole switching with auxiliary switch	0.35	3	D02
1.002.605	S1026621	3	triple pole switching with neutral conductor and auxiliary switch	0.44	3	D02

¹weight in kg per piece or set including package



1.002.606

Adapter clip for D01-fuse links 2 - 16A

Catalog number	Reference number	Design	Weight kg ¹	Package
1.002.606	Q1006402	adapter ring for D01 fuse links 2 A - 16 A	0.03	12

¹weight in kg per piece or set including package



1.003.160

Extra fuse plug for D0-fuse links

Catalog number	Reference number	Design	Weight kg ¹	Package
1.003.160	L1026615	external fuse plug 63 A, 400 V AC for TYTAN® R, 1 set = 3 pieces	0.06	30

¹weight in kg per piece or set including package

TECHNICAL DATA IN ACCORDANCE WITH EN / IEC 60947

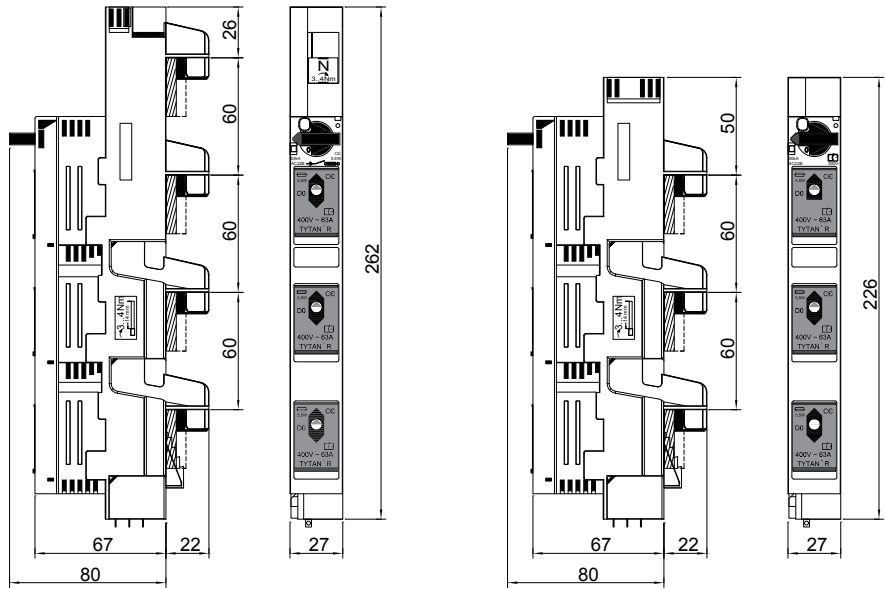
DO-vertical switch fuse	
Number of poles/phases	3
Size	D02
Conventional free air thermal current with NH-fuse links I _{th}	63 A
Max. power dissipation of fuse links P _n	5,5W
Utilization category to IEC/EN 60947-3 U _e = AC 400 V; I _e = 25 A	AC 22 B
Rated operational voltage U _e	400 V
Rated impulse withstand voltage U _{imp}	6 kV
Rated frequency	50 ... 60 Hz
Degree of protection	IP 20
Degree of pollution	3
Rated duty	uninterrupted duty
Installation mode	bus bar installation
Cable terminal connection	
Standard cable terminal	frame clamp 1·5-35mm ²
Bus bar terminal connection	
Bus bar width (bus bar system = 60 mm)	12 ... 30 mm
Bus bar thickness (bus bar system = 60 mm)	5 ... 10 mm

MULTIFIX® 60

D02 Vertical Switch Fuse Disconnecter 63 A, 400 V AC Triple Pole

DIMENSIONS

**D02-vertical switch fuse disconnecter triple pole
for direct installation on to 60 mm bus bar system (M02045)**



Dimensions in mm