

# MULTIVERT® 1260A, 1600A

Double Switch Disconnecter Size 2 and 3

## NH Vertical Switch Disconnecter

MULTIVERT® NH double vertical switch disconnectors are designed for installation on to bus bars in triple pole arrangements. They are used for installation on to 185 mm bus bar systems.

Designs are available for NH solid links size 2 (2 x 630A) and size 3 (2 x 1000A). Dimensions of solid links are equivalent to those of NH fuse links of respective sizes in accordance with IEC/EN 60269-2, VDE 0636-2.

The system is a modular system, that allows the installation of individual components. MULTIVERT® offer the user the possibility of fast and easy installation as well as a high degree of protection during installation and maintenance.

### Features Benefits

- NH-double vertical switch disconnecter 2, 1260 A  
NH-double vertical switch disconnecter 3, 1600 A
- For NH-solid links size 2 630 A and size 3 1000 A
- Installation on to 185 mm bus bar system
- Suitable for top/bottom cable terminal connections
- Triple pole and single pole switching
- Multiple cable termination - design with 3 or 4 cables/pole

### Applications

- Transformer substations
- Switch boards for industrial applications
- Residential and industrial distribution units
- Cable distribution cabinets
- De-energising of electrical circuits for service and maintenance in high capacity applications

### Technical data overview

Volt (VAC)	400 VAC
Size per Standard	2,3
Mounting	bus bar system 185 mm
Number of Poles	2x3
Switchability	2x1 x triple pole, 2x3 x single pole



### Standards

IEC/EN 60 947-3



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## Product range



1.400.000

**MULTIVERT® NH-double vertical switch disconnecter 1260 A single pole switching**

**1260 A - application of NH-solid links size 2, 630 A, Art.Nr. 22SZSM1**

**800 A - application of NH-solid links size 2, 400 A**

Catalog number	Reference number	Cable termination components	Weight kg <sup>1)</sup>	Package
1.400.000	W1023266	triple cable termination M12 bolt	11.60	1 piece
1.400.004	X1023267	quadruple cable termination M12 bolt	12.12	1 piece

**MULTIVERT® NH-double vertical switch disconnecter 1600 A single pole switching**

**1600 A - application of NH-solid links size 3, 1000 A, Art.Nr. 33SZSM2**

**1260 A - application of NH-solid links size 3, 630 A**

Catalog number	Reference number	Cable termination components	Weight kg <sup>1)</sup>	Package
1.500.000	S1023125	triple cable termination M12 bolt	13.30	1 piece
1.500.004	T1023126	quadruple cable termination M12 bolt	13.80	1 piece



1.450.000

**MULTIVERT® NH-double vertical switch disconnecter 1260 A triple pole switching**

**1260 A - application of NH-solid links size 2, 630 A, Art.Nr. 22SZSM1**

**800 A - application of NH-solid links size 2, 400 A**

Catalog number	Reference number	Cable termination components	Weight kg <sup>1)</sup>	Package
1.450.000	Y1023268	triple cable termination M12 bolt	11.90	1 piece
1.450.004	Z1023269	quadruple cable termination M12 bolt	12.30	1 piece

**MULTIVERT® NH-double vertical switch disconnecter 1600 A triple pole switching**

**1600 A - application of NH-solid links size 3, 1000 A, Art.Nr. 33SZSM2**

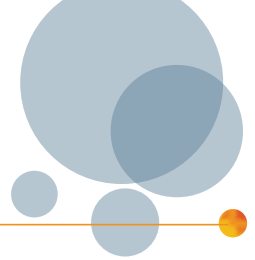
**1260 A - application of NH-solid links size 3, 630 A**

Catalog number	Reference number	Cable termination components	Weight kg <sup>1)</sup>	Package
1.550.000	V1023127	triple cable termination M12 bolt	13.30	1 piece
1.550.004	W1023128	quadruple cable termination M12 bolt	13.80	1 piece

1) weight in kg per piece or set including package

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## Technical data in accordance with EN / IEC 60947

	1260 A with solid links	1600 A with solid links
Installation mode	bus bar installation	bus bar installation
Size	2	3
Number of poles/phases	2 x 3	2 x 3
Conventional free air thermal current with solid links $I_{th}$	1260 A	1600 A
Max. power dissipation of solid links $P_n$	9 W	17,5 W
Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 2 \times 630 A$ $U_e = AC 400 V; I_e = 2 \times 800 A$	AC 21 B -	- AC 22 B
Rated operational voltage $U_e$	400 V	400 V
Rated insulation voltage $U_i$	1000 V	1000 V
Rated impulse withstand voltage $U_{imp}$	8 kV	8 kV
Rated frequency	50 ... 60 Hz	50 ... 60 Hz
Degree of protection	IP 20	IP 20
Degree of pollution	3	3
Rated duty	uninterrupted duty	uninterrupted duty
Rated short circuit making capacity with solid links $I_{cm}$	16 kAsw	16 kAsw
Rated short circuit withstand current $I_{cw}$	8 kA / 1 s	12 kA / 1 s
Power dissipation by $I_{th}$ without solid links	270 W	340 W

### Cable terminal connection

Standard cable terminal	3 x M12	3 x M12
for cable lugs Cu max.	300 mm <sup>2</sup>	300 mm <sup>2</sup>
for cable lugs Al max.	300 mm <sup>2</sup>	300 mm <sup>2</sup>
for copper bars with max. dimensions	60 x 10 mm	60 x 10 mm

### Bus bar terminal connection

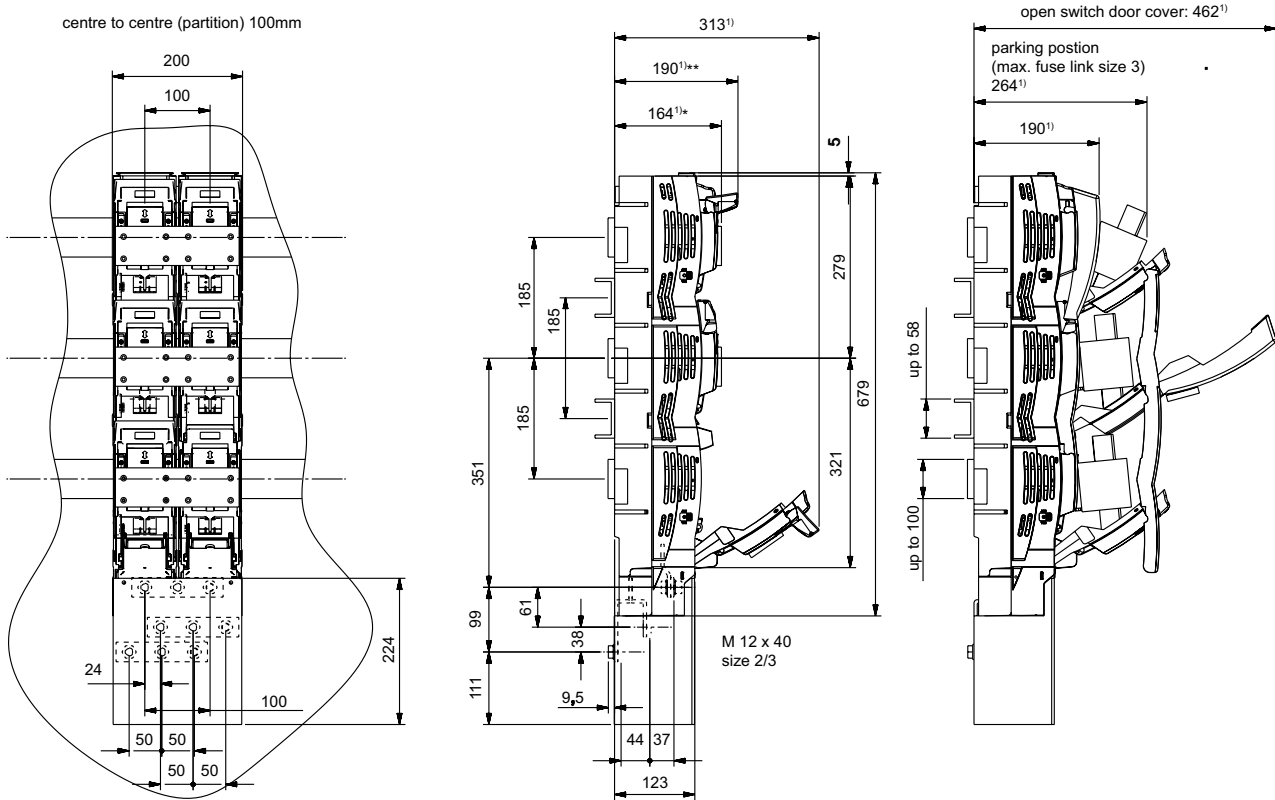
Bus bar system	185 mm	185 mm
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## Dimensions

MULTIVERT® double vertical switches 800A (2x400A), 1260A (2x630A) (M01161a)



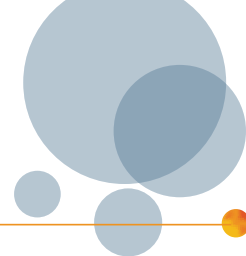
1) dimensions from upper edge of bus bar

\* 164 mm handle in closed position (folded) = total installation depth of MULTIVERT  
 \*\* 190 mm handle in open position (fixed) - switching position

Dimensions in mm

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## Accessories

### Cover/shrouds for cable termination



1.002.394



1.003.320

Catalog number	Reference number	Design	Application	Weight kg <sup>1)</sup>	Package
1.002.394	Z1023407	cover shroud for double vertical switch, width 200 mm, length 224 mm	bottom terminal	0.10	1 piece
1.003.320	M1023304	cover shroud for double vertical switch, width 200 mm, length 278 mm	top terminal	0.54	1 piece

1) weight in kg per piece or set including package