

# MULTIVERT® 630kVA/910A

Transformer Main Incomers , 690VAC

## NH Vertical Fuse Switch Disconnecter

MULTIVERT® NH vertical fuse switch disconnectors meet all functions of NH fuse switch disconnectors. They are designed for installation on to bus bars in triple pole arrangements.

MULTIVERT® transformer main incomers 630kVA/910A are for installation on to 185 mm bus bar systems.

They are designed for NH fuse-links "gTr" in accordance with IEC/EN 60269-1, VDE 0636.

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

- Installation on to 185 mm bus bar system
- Suitable for top/bottom cable terminal connections
- With installed cover shroud
- Terminal lugs for cable terminations of large cross sections - multiple termination
- For NH-Fuse links "gTr" in accordance with IEC/EN 60 269-1, VDE 0636

### Applications

- Transformer substations

### Technical data overview

Volt (VAC)	690 VAC
Amper (A)	910 A
Mounting	bus bar system 185 mm
SCCR	Ue = AC 400 V; Ie = 910 A 35kA
Number of Poles	3
Switchability	1 x triple pole



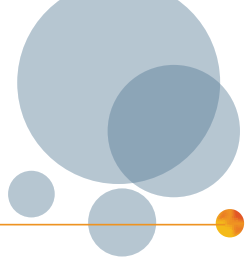
### Standards

IEC/EN 60 947-3



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## Product range



MV6M301K701G

### MULTIVERT® transformer main incommers 630 kVA / 910 A 1 x triple pole switching

Catalog number	Reference number	Cable termination components	Design	Weight kg <sup>1)</sup>	Package
MV6M301K701G	V1023265	M12 multiple termination Al/Cu max. 300 mm <sup>2</sup> round stranded, sectoral stranded (2 cable lugs), Cu max. 150 mm <sup>2</sup> round stranded, sectoral stranded (3 cable lugs), M = 32-38 Nm	for NH-fuse links "gTr"	1.36	1 piece

## Technical data in accordance with EN / IEC 60947

630 kVA / 910 A  
1 x triple pole switching

Installation mode	bus bar installation
Size	3
Number of poles/phases	3
Conventional free air thermal current with NH-fuse links I <sub>th</sub>	910 A
Max. power dissipation of fuse links P <sub>n</sub>	62 W
Utilization category to IEC/EN 60947-3 U <sub>e</sub> = AC 400 V; I <sub>e</sub> = 910 A	AC 21 B
Rated operational voltage U <sub>e</sub>	690 V
Rated insulation voltage U <sub>i</sub>	1000 V
Rated impulse withstand voltage U <sub>imp</sub>	8 kV
Rated frequency	50 ... 60 Hz
Degree of protection	IP 20
Degree of pollution	3
Rated duty	uninterrupted duty
Rated short circuit making capacity with fuse links U <sub>e</sub> = AC 400 V; I <sub>e</sub> = 910 A	35 kA
Power dissipation by I <sub>th</sub> without NH-fuse links	129 W

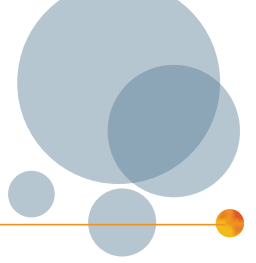
### Cable terminal connection

Standard cable terminal	2 x M12
for cable lugs Cu max.	2 x 300 mm <sup>2</sup> /phase 3 x 150 mm <sup>2</sup> /phase
for cable lugs Al max.	2 x 300 mm <sup>2</sup>
for copper bars with max. dimensions	80 x 10 mm

1) weight in kg per piece or set including package

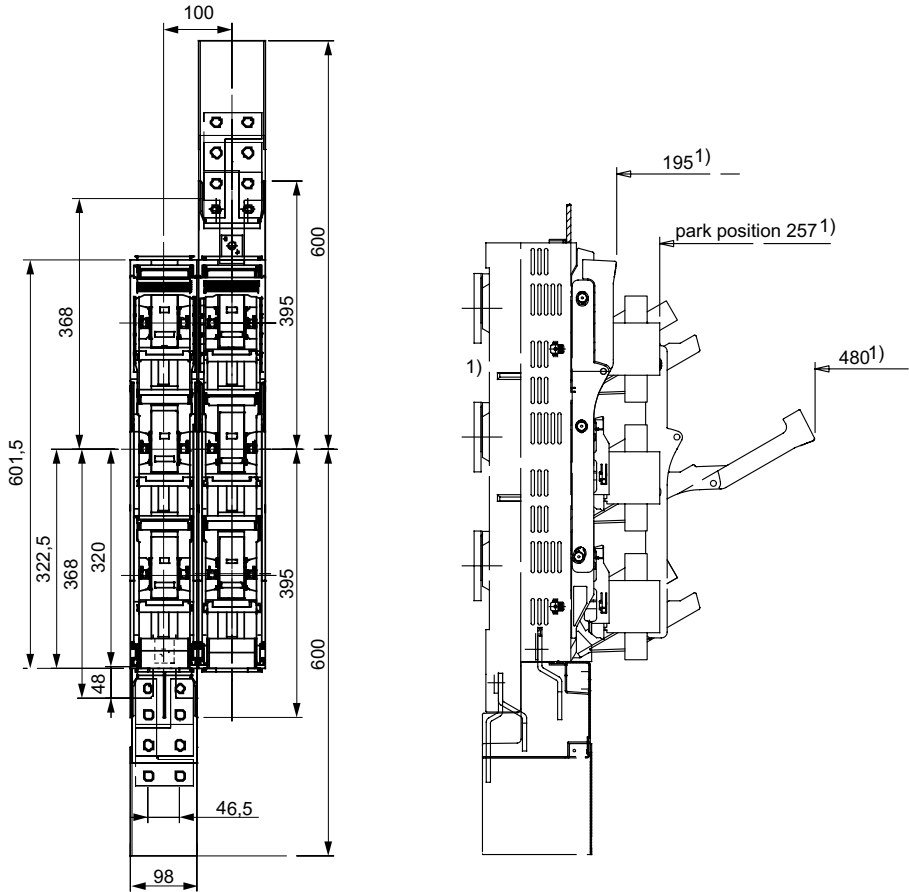
# MULTIVERT® 630kVA/910A

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## Dimensions

MULTIVERT® transformer main incomer 630 kVA/910A (M01103b)



1) dimensions from upper edge of bus bar

Dimensions in mm

## Accessories



1.001.510



MZA W

### Covers/level & system adjustment covers

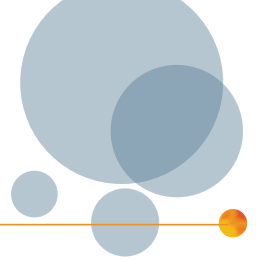
Catalog number	Reference number	Design	Weight kg <sup>1)</sup>	Package
1.001.510	K1002280	cover shield to support central cover 1 set = 2 pieces	0.15	1 set
MZA W	D218687	support angle for support of cover plate 1 set = 4 pieces	0.03	1 set

1) weight in kg per piece or set including package

IEC Fuse Switch Disconnectors / DS-LABCMVTI-02-0314-EN

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## Accessories



### Covers/spare way covers

Catalog number	Reference number	Design	Application	Weight kg <sup>1)</sup>	Package
MZ01LPAP	C1023410	spare way cover without level adjustment width 50 mm, length 500 mm including fixing material	bus bar system 185 mm	0.06	1 piece
MZLPAP	D1023411	spare way cover width 100 mm, length 612 mm including 2 pieces M12 fixing screws (distance of fixing holes 185 mm)	bus bar system 185 mm	0.56	1 piece
1.002.493	N1002283	spare way cover width 50 mm, length 630 mm for covering of open installation spaces in distribution units with central cover	bus bar system 185 mm	0.13	1 piece
1.002.492	M1002282	spare way cover width 100 mm, length 630 mm for covering of open installation spaces in distribution units with central cover	bus bar system 185 mm	0.20	1 piece
1.002.830	E1023412	spare way cover width 50 mm, length 630 mm with level adjustment 123 mm for bus bar installation, set = cover + fixing set (2 distance pieces, 2 screw rivets)	bus bar system 185 mm	0.20	1 set
1.002.829	F1023413	spare way cover width 100 mm, length 630 mm with level adjustment 123 mm for bus bar installation set = cover + fixing set (2 distance pieces, 2 screw rivets)	bus bar system 185 mm	0.27	1 set

1) weight in kg per piece or set including package