MULTIVERT® 630A & i-Xtensio 630A

Size 3, 690VAC

IEC FUSE SWITCH DISCONNECTORS

NH VERTICAL FUSE SWITCH DISCONNECTOR



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® 630A are for installation on to 185mm bus bar systems.

MULTIVERT® 630A are designed for NH fuse-links in accordance with IEC/EN 60269-2, VDE 0636-2, size 3: 630A.

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.

2 alternative designs are available for a user-friendly and adaptable installation according to the needs:

- The standard design offers a very compact solution with an installation depth of only 123mm, enabling to save space in the Power distribution cabinets

- The i-Xtensio design offers a user-friendly mounting solution for current transformers at the back of the Multivert and more standard installation depth of 150mm

TECHNICAL DATA OVERVIEW

Voltage AC	690 VAC
Amper (A)	630 A
Size per Standard	3
SCCR	Ue = AC 400 V; Ie = 630 A 80kA Ue = AC 500 V; Ie = 630 A 80kA Ue = AC 690 V; Ie = 500 A 80kA
Mounting	bus bar system 185 mm
Switchability	1 x triple pole, 3 x single pole
Number of poles	3

FEATURES & BENEFITS

- Installation on to 185mm bus bar system
  Standard design with M 12 screws: M = 35 ±3Nm
  Direct installation without drilling with hooked clamps possible
- Symmetrical switch - top/bottom cable terminal connection
- Touch protection IP 30 with central cover
- Varieties of cable termination: bolt, insert nut, V-terminal
- Integrated measuring transformer with unchanged installation depth
- Safe on load connection/disconnection in accordance with IEC 60947-3
- i-Xtensio new range available for increased installation depth of 150mm and for external Current Transformer mounting possibility

APPLICATIONS

- Feeder pillars
- Transformer substations
- Switch boards for industrial applications
- Residential and industrial distribution units
- Cable distribution cabinets

STANDARDS

- IEC/EN 60 947-3
  For NH-fuse links size 3 in accordance with IEC/EN 60 269-2, VDE 0636-2

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FLEXIBLE MULTIVERT OFFERING

2 alternative designs are available for an adaptable mounting solution according to the installation needs:



Multivert standard design offers a compact solution with an installation depth of only 123mm, enabling to save space



Multivert i-Xtensio design offers a user-friendly mounting solution for current transformers at the back of the Multivert and more standard installation depth of 150mm

MAIN TECHNICAL DIFFERENCES OVERVIEW:

Range	Multivert size 1,2 & 3	Multivert i-Xtensio size 2 & 3
Installation depth of product between busbar and central cover	123mm	150mm
Total dimensions – HxWxD Single pole switching version	685x100x158mm	685x100x185mm
Current Transformers utilization	Integrated CTs - specific Multivert references with Factory pre-mounted Current Transformers to be ordered	External Current Transformers can be ordered and installed separately according to needs
Specific Accessories offering	Adjustment accessories for compatibility of Multivert 00 with Multivert size 1, 2 & 3 (depth adapter, height adjustment cover)	- Complete range of CTs - Mounting accessories for the CTs (CT covers, Wiring kits) - Adaptation accessories for Multivert 00 compatibility with i-Xtensio design (depth adapter, height adaptation cover)

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PRODUCT RANGE



1.300.000 1.320.000

MULTIVERT® 630 A size 3 185mm 3 x single pole switching

Catalog number	Item number	Cable termination components	Design	Package	Weight
1.300.000	K1002188	3 M12 bolts	-	1 piece	5.43 kg
1.310.000	W1023220	3 M12 insert nuts	-	1 piece	5.38 kg
1.320.000	X1023221	V-terminal for V-terminal clamps size 1,2,3	-	1 piece	5.21 kg
1.320.900	Y1023222	V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3	-	1 piece	6.89 kg
1.300.100	W1027153	3 M12 bolts	MULTIVERT® 1.200.000 with cabling of instrument leads for indication facilities	1 piece	5.1 kg
1.300.085	A1023247	3 M12 bolts	MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for single pole measurement (ready fitted in pole 1)	1 piece	5.6 kg
1.300.066	Z1023223	3 M12 bolts	MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1)	1 piece	5.6 kg
1.300.095	B1023248	3 M12 bolts	MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for triple pole measurement	1 piece	6.3 kg
1.300.076	Z1023246	3 M12 bolts	MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for triple pole measurement	1 piece	5.6 kg
1.330.000	Q1023261	M12 bus bar terminal	MULTIVERT® with lateral bus bar terminals bus bar coupler switch cable terminal connection to right or left side possible	1 piece	6.1 kg



7.300.000

MULTIVERT® i-Xtensio 630 A size 3 185 mm 3 x single pole switching

Catalog number	Item number	Cable termination components	Design	Package	Weight
7.300.000	X1200137	3 M12 bolts	-	1 piece	6 kg
7.310.000	Y1200138	3 M12 insert nuts	-	1 piece	6 kg
7.320.000	Z1200139	V-terminal for V-terminal clamps size 1,2,3	-	1 piece	6 kg

MULTIVERT® 630 A size 3 185mm 3 x single pole switching, 120 kA SCCR

Catalog number	Item number	Cable termination components	Design	Package	Weight
5.310.042	FS1509C05CNKA	3 M12 insert nuts	Special design for Rated conditional short-circuit current of 120kA	1 piece	5.38 kg
5.328.442	FS1509C03CNKA	V-terminal for V-terminal clamps size 1,2,3	Special design for Rated conditional short-circuit current of 120kA	1 piece	5.21 kg

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PRODUCT RANGE



1.350.000 1.370.000

MULTIVERT® 630 A size 3 185 mm 1 x triple pole switching

Catalog number	Item number	Cable termination components	Design	Package	Weight
1.350.000	N1002191	3 M12 bolts	-	1 piece	5.59 kg
1.360.000	C1023249	3 M12 insert nuts	-	1 piece	5.52 kg
1.370.000	D1023250	V-terminal for V-terminal clamps size 1,2,3	-	1 piece	5.39 kg
1.370.900	F1023252	V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3	-	1 piece	7.05 kg
1.370.600	E1023251	V-terminal + 3 V-terminal clamps	-	1 piece	5.63 kg
1.350.100	Y1002200	3 M12 bolts	MULTIVERT® 1.350.000 with cabling of instrument leads for indication facilities	1 piece	6.1 kg
1.370.100	G1023253	V-terminal for V-terminal clamps size 1,2,3	MULTIVERT® 1.370.000 with cabling of instrument leads for indication facilities	1 piece	5.9 kg
1.350.085	K1023256	3 M12 bolts	MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for single pole measurement (ready fitted in pole 1)	1 piece	5.8 kg
1.350.066	H1023254	3 M12 bolts	MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1)	1 piece	5.8 kg
1.350.095	L1023257	3 M12 bolts	MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for triple pole measurement	1 piece	6.5 kg
1.350.076	J1023255	3 M12 bolts	MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for triple pole measurement	1 piece	5.8 kg
1.370.095	P1023260	V-terminal for V-terminal clamps size 1,2,3	MULTIVERT® 1.370.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for triple pole measurement	1 piece	6 kg
1.370.076	M1023258	V-terminal for V-terminal clamps size 1,2,3	MULTIVERT® 1.370.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for triple pole measurement	1 piece	5.9 kg
1.380.000	R1023262	M12 bus bar terminal	MULTIVERT® with lateral bus bar terminals bus bar coupler switch cable terminal connection to right or left side possible	1 piece	4.77 kg



7.350.000

MULTIVERT® i-Xtensio 630 A size 3 185 mm 1 x triple pole switching

Catalog number	Item number	Cable termination components	Design	Package	Weight
7.350.000	A1200140	3 M12 bolts	-	1 piece	6.5 kg
7.360.000	B1200141	3 M12 insert nuts	-	1 piece	6.5 kg
7.370.000	C1200142	V-terminal for V-terminal clamps size 1,2,3	-	1 piece	6.5 kg

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PRODUCT RANGE

MULTIVERT® 630 A size 3 185 mm 1 x triple pole switching, 120 kA SCCR

Catalog number	Item number	Cable termination components	Design	Package	Weight
5.360.042	FS1509C02CNKA	3 M12 insert nuts	Special design for Rated conditional short-circuit current of 120kA	1 piece	5.52 kg
5.378.442	FS1509C04CNKA	V-terminal for V-terminal clamps size 1,2,3	Special design for Rated conditional short-circuit current of 120kA	1 piece	5.39 kg

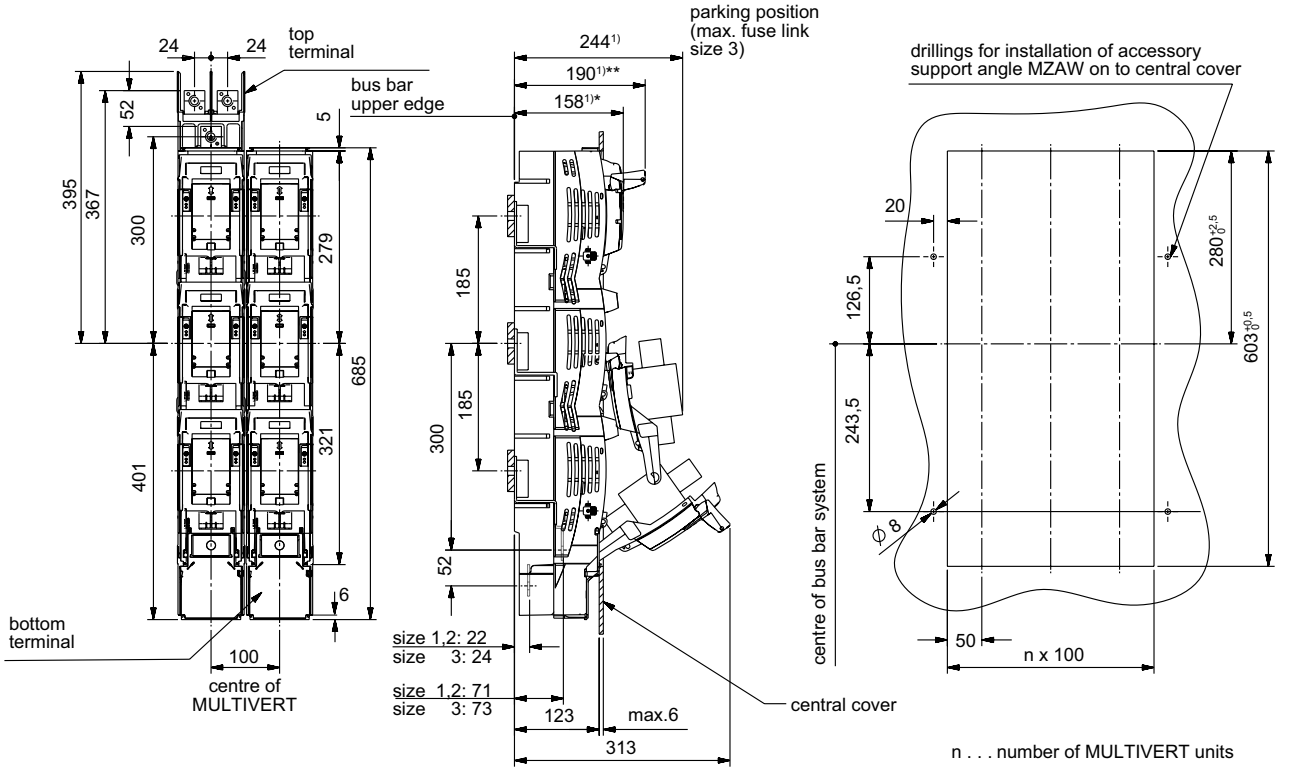
TECHNICAL DATA IN ACCORDANCE WITH EN / IEC 60947

	630 A & i-Xtensio 630 A 3 x single pole switching	**630 A 3 x single pole switching, 120 kA SCCR**	**630 A & i-Xtensio 630 A 1 x triple pole switching**	**630 A 1 x triple pole switching, 120 kA SCCR**
Number of poles/phases	3	3	3	3
Size	3	3	3	3
Conventional free air thermal current with NH-fuse links I_{th}	630 A	630 A	630 A	630 A
Max. power dissipation of fuse links P_n	48 W	48 W	48 W	48 W
Conventional free air thermal current with solid links I_{th}	800 A	800 A	800 A	800 A
Max. power dissipation of solid links P_n	17,5 W	17,5 W	17,5 W	17,5 W
Rated operational voltage U_e	690 V	690 V	690 V	690 V
Utilization category to IEC/EN 60947-3 U_e = AC 400 V; I_e = 630 A U_e = AC 500 V; I_e = 630 A U_e = AC 690 V; I_e = 630 A	AC 23 B AC 22 B AC 21 B			
Rated insulation voltage U_i	1000 V	1000 V	1000 V	1000 V
Rated impulse withstand voltage U_{imp}	12 kV	12 kV	12 kV	12 kV
Rated frequency	50 ... 60 Hz	50 ... 60 Hz	50 ... 60 Hz	50 ... 60 Hz
Degree of protection	IP 30	IP 30	IP 30	IP 30
Degree of pollution	3	3	3	3
Rated duty	uninterrupted duty	uninterrupted duty	uninterrupted duty	uninterrupted duty
Rated short circuit making capacity with solid links I_{cm}	16 kAsw	16 kAsw	16 kAsw	16 kAsw
Rated short-time withstand current I_{cw}	12.6 kA / 1 s	12.6 kA / 1 s	12.6 kA / 1 s	12.6 kA / 1 s
Rated conditional short-circuit current with fuse links U_e = AC 400 V; I_e = 630 A U_e = AC 500 V; I_e = 630 A U_e = AC 690 V; I_e = 500 A	 80 kA 80 kA 80 kA	 120 kA 120 kA 120 kA	 80 kA 80 kA 80 kA	 120 kA 120 kA 120 kA
Power dissipation by I_{th} without NH-fuse links	95 W	95 W	95 W	95 W
Power dissipation by I_{th} 800A without solid links	153 W	153 W	153 W	153 W
Cable terminal connection				
Standard cable terminal	M12	M12	M12	M12
for cable lugs Cu max.	300 mm²	300 mm²	300 mm²	300 mm²
for cable lugs Al max.	300 mm²	300 mm²	300 mm²	300 mm²
for copper bars with max. dimensions	40 x 10 mm	40 x 10 mm	40 x 10 mm	40 x 10 mm
V-shaped lugs for V-terminal clamps	35 - 240 mm²	35 - 240 mm²	35 - 240 mm²	35 - 240 mm²
Bus bar terminal connection				
Standard bus bar terminal	M12	M12	M12	M12
Hooked clamp for bus bar with thickness	5 ... 10 mm	5 ... 10 mm	5 ... 10 mm	5 ... 10 mm
Hooked clamp mounting possibility	Not possible for MULTIVERT i-Xtensio	-	Not possible for MULTIVERT i-Xtensio	-
Bus bar system	185 mm	185 mm	185 mm	185 mm
Installation mode	bus bar installation	bus bar installation	bus bar installation	bus bar installation

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DIMENSIONS

MULTIVERT® 250A, 400A, 630A NH-vertical fuse switch disconnector, 3 x single pole switching direct installation with screws on to 185mm bus bar system (M01152b)



1) dimension from upper edge of bus bar

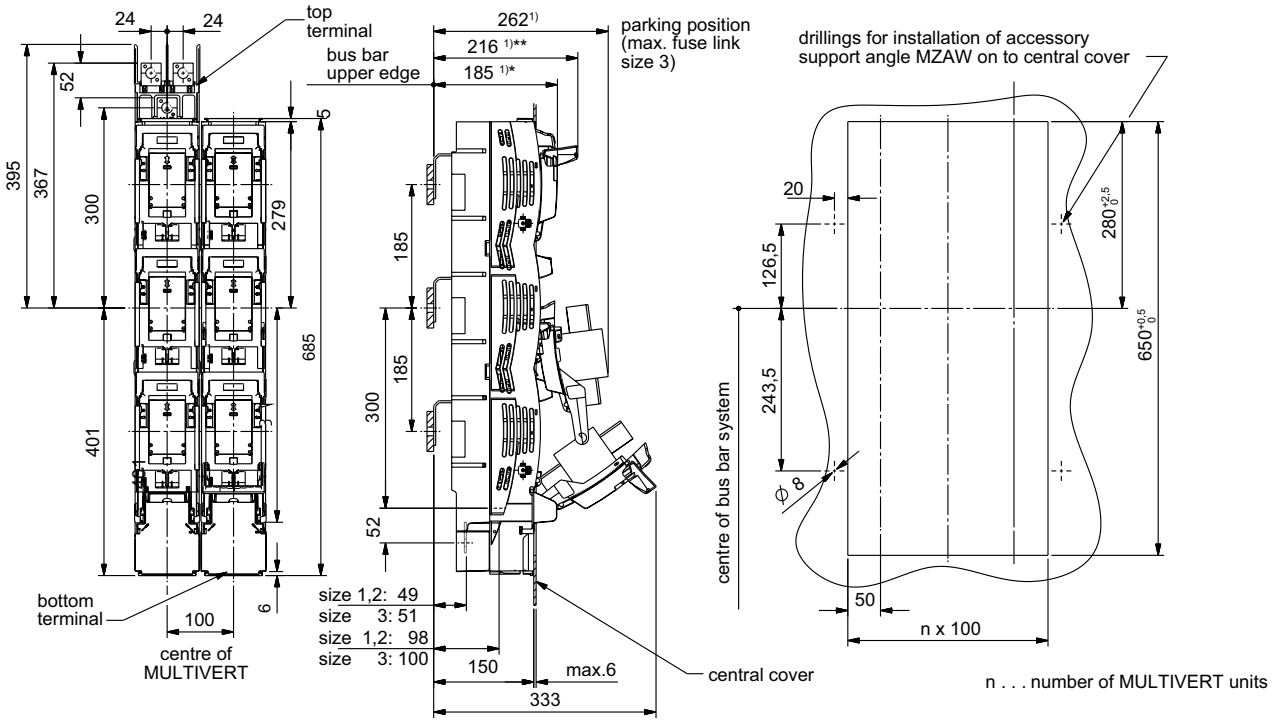
* 158 mm handle in closed position (folded) = total installation depth of MULTIVERT
** 190 mm handle in open position (fixed) = switching position

Dimensions in mm

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DIMENSIONS

MULTIVERT® i-Xtensio 630 A, 3 x single pole switching
direct installation with screws on to 185mm bus bar system (M01210)



Dimensions in mm

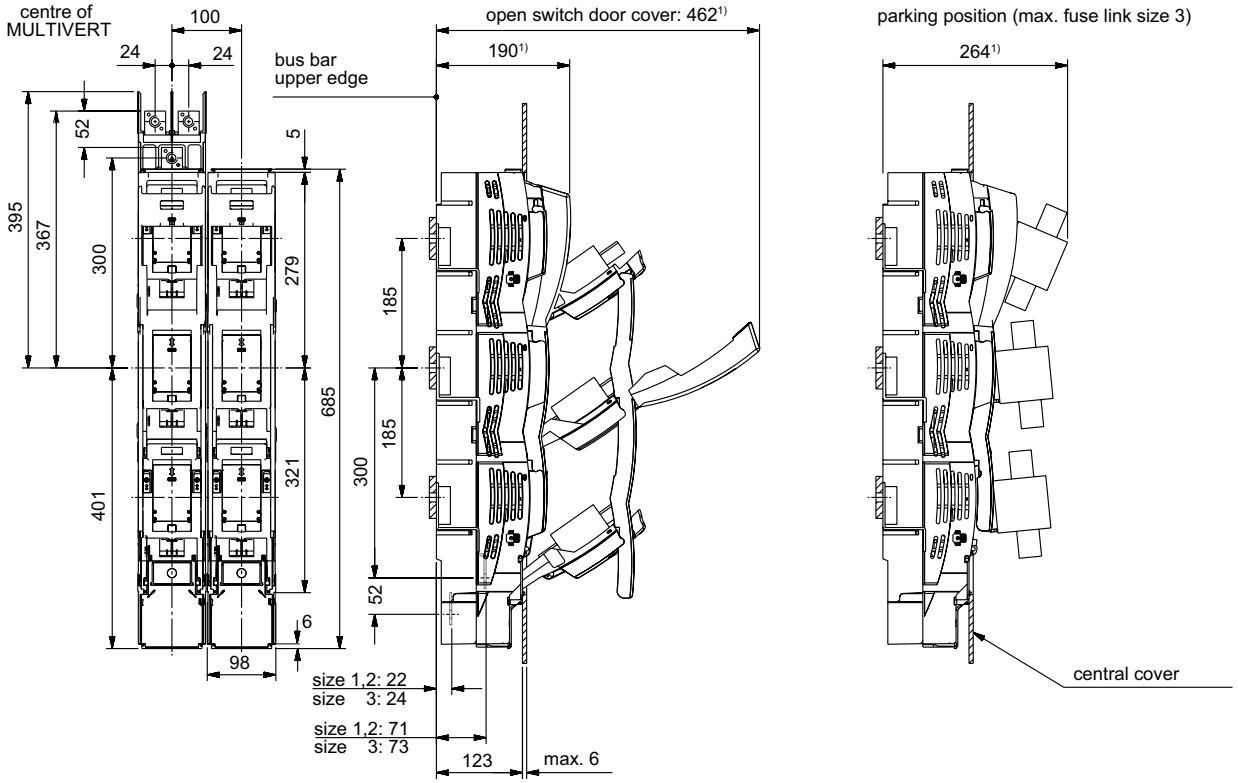
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DIMENSIONS

MULTIVERT® 250A, 400A, 630A NH-vertical fuse switch disconnector, 1 x triple pole switching direct installation with screws on to 185mm bus bar system (M01153b)



1) dimension from upper edge of bus bar

Dimensions in mm

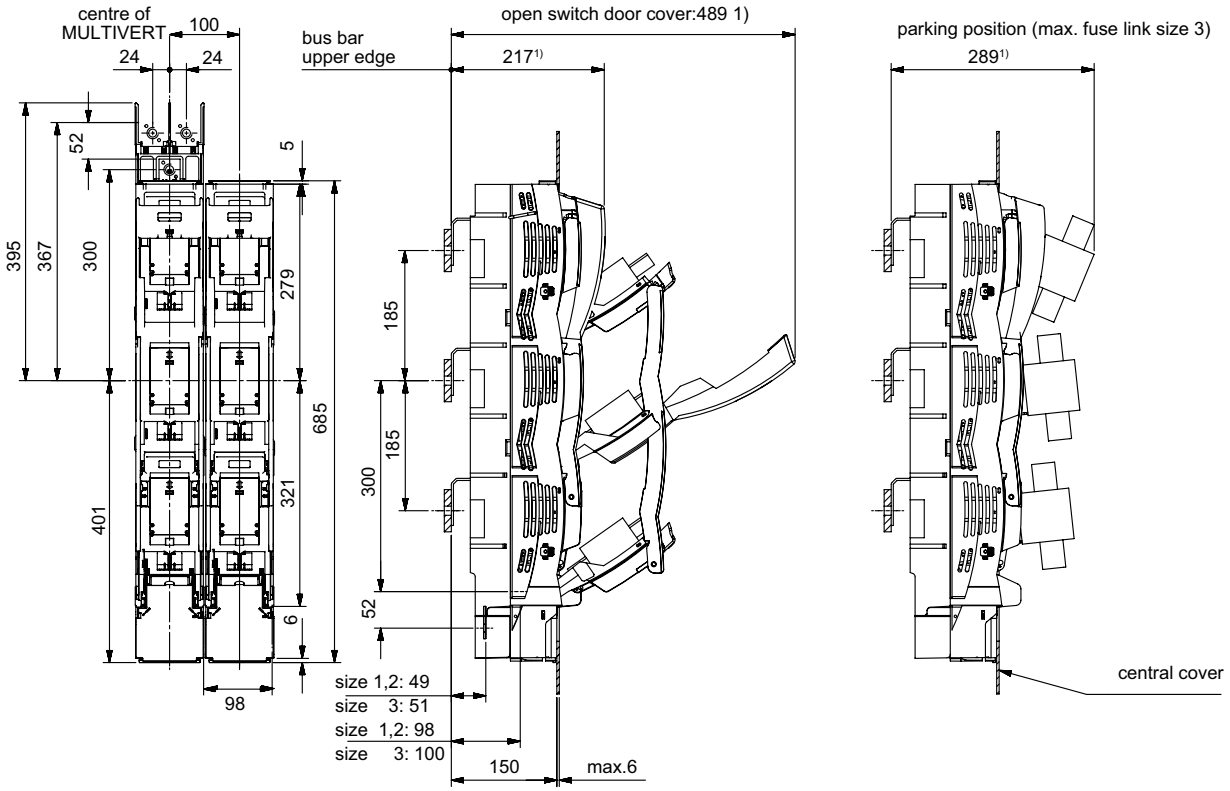
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DIMENSIONS

MULTIVERT® i-Xtensio 630 A, 1 x triple pole switching
direct installation with screws on to 185mm bus bar system (M01211)



Dimensions in mm

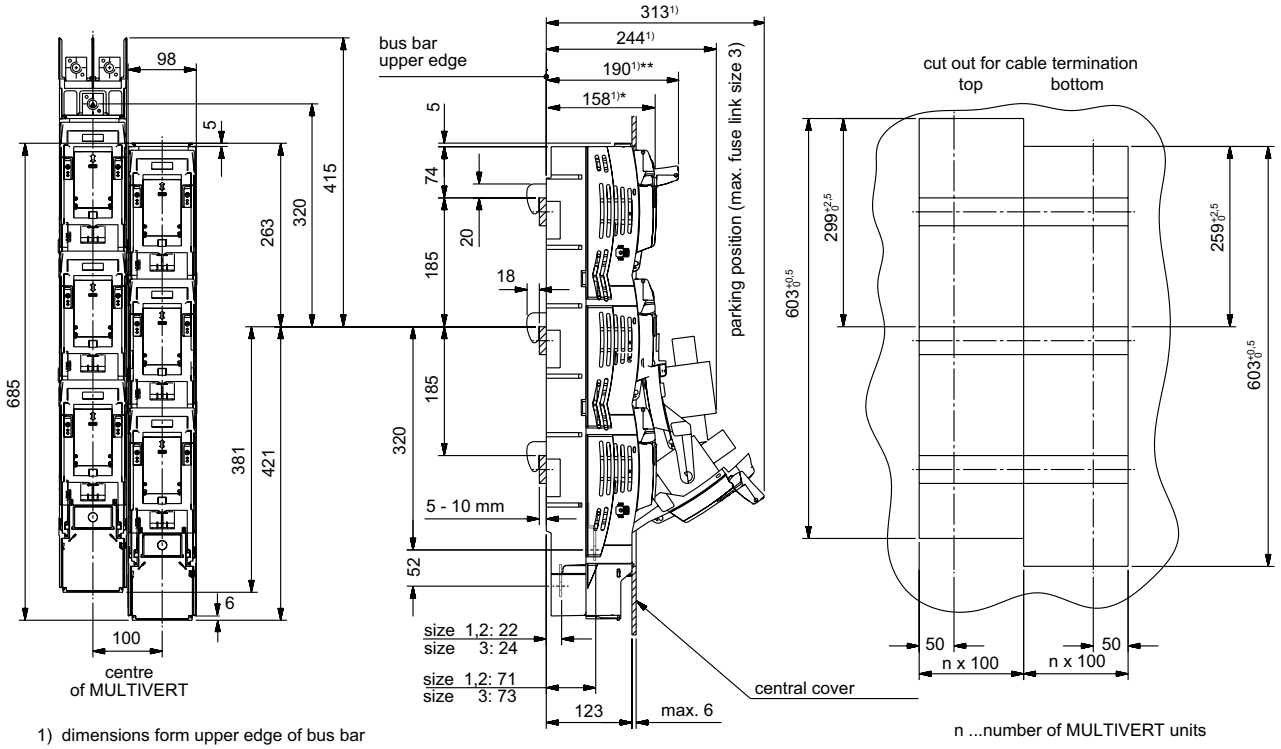
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DIMENSIONS

MULTIVERT® 250A, 400A, 630A NH-vertical fuse switch disconnector, 3 x single pole switching direct installation without drilling with hooked clamps on to 185mm bus bar system (M01154b)



1) dimensions form upper edge of bus bar

n ...number of MULTIVERT units

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

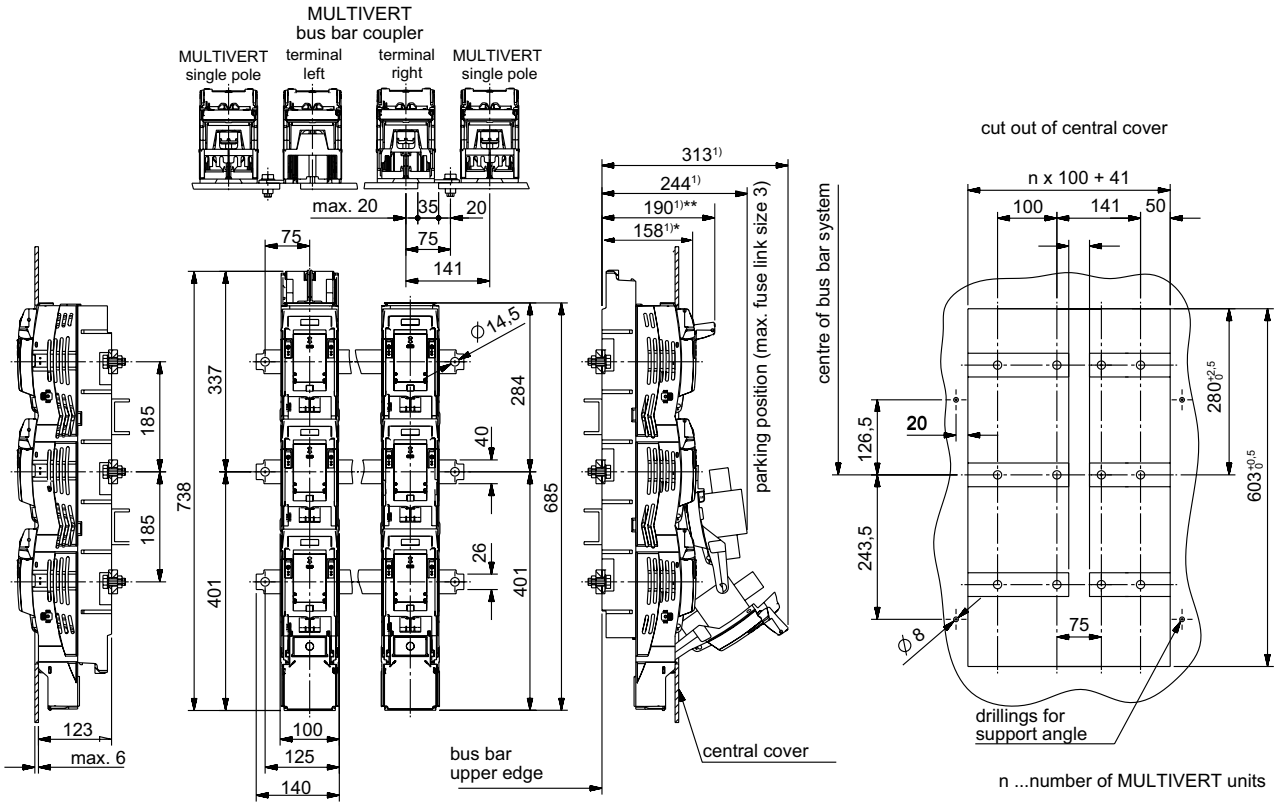
Dimensions in mm

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DIMENSIONS

MULTIVERT® 250A, 400A, 630A bus bar coppler switch with lateral terminals
3 x single pole switching

(M01159a)



1) dimensions form upper edge of bus bar

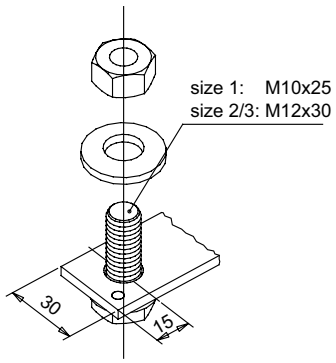
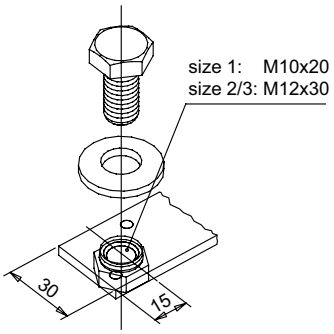
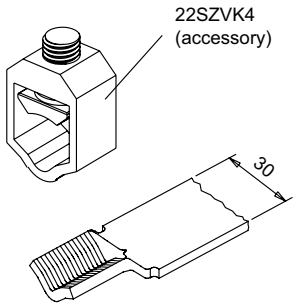
* 158 mm handle in closed position (folded) = total installation depth of MULTIVERT
** 190 mm handle in open position (fixed) - switching position

Dimensions in mm

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DIMENSIONS

Cable termination MULTIVERT® 250A, 400A, 630A & i-Xtensio 400A, 630A (M01105b)

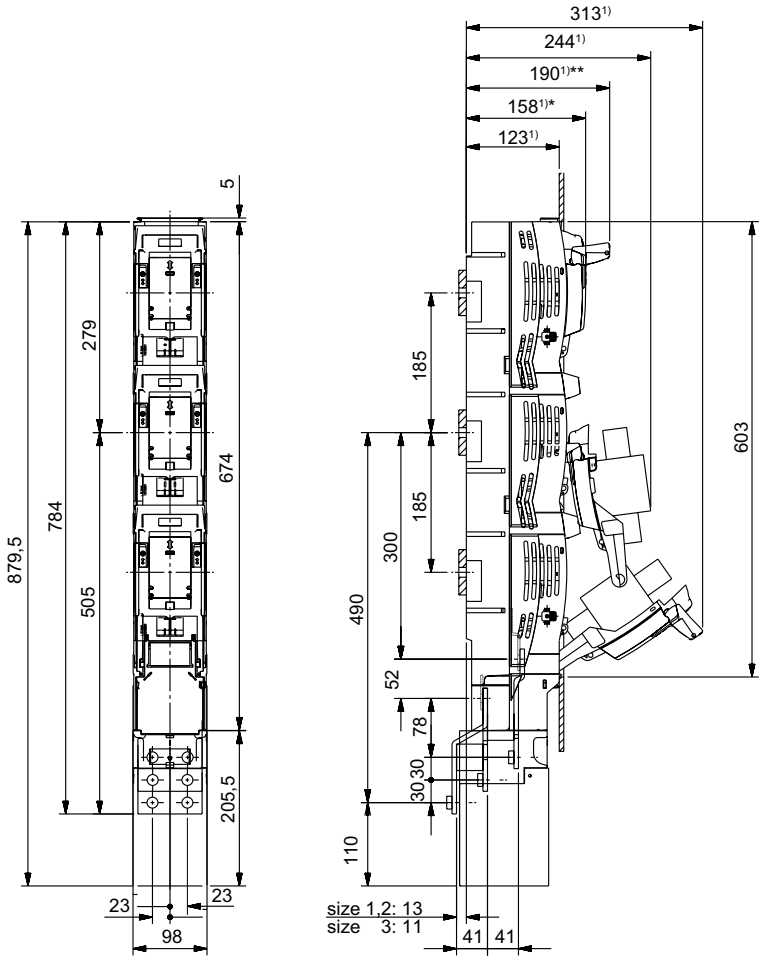
reference	B	E	V	
type of terminal	bolt	insert nut	V-terminal	
accessory	cable lug max. width 45 mm	cable lug max. width 45 mm	V-clamp (accessory)	
			22SZVK4	22SZVK41
cross section [mm²]	max. 300	max. 300	50 - 240 sectoral solid 50 - 185 sectoral stranded 35 - 70 round stranded 35 - 50 round solid	95 - 300 sectoral solid 70 - 240 sectoral stranded 50 - 185 round stranded 70 - 240 round solid
M [Nm]	35 ±3	35 ±3	25 ±2	25 ±2
				

Dimensions in mm

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DIMENSIONS

Cable termination MULTIVERT® 250A, 400A, 630A multiple termination (M01156a)



1) dimensions form upper edge of bus bar

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

Dimensions in mm

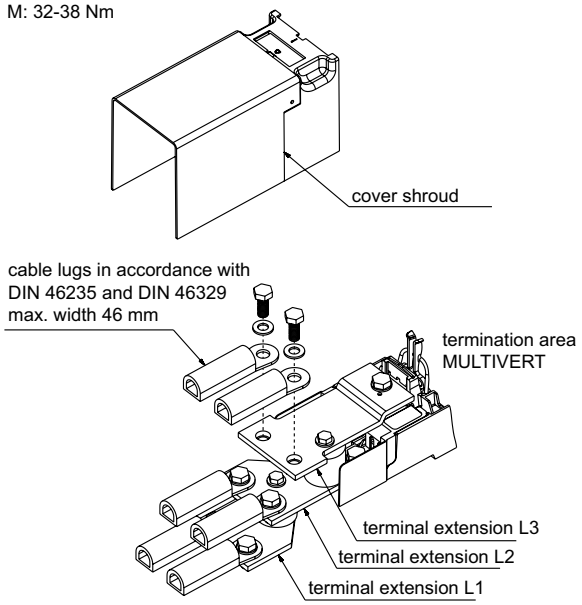
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DIMENSIONS

Cable termination MULTIVERT® 250A, 400A, 630A multiple termination (MA88f)

terminal: 2 cable lugs

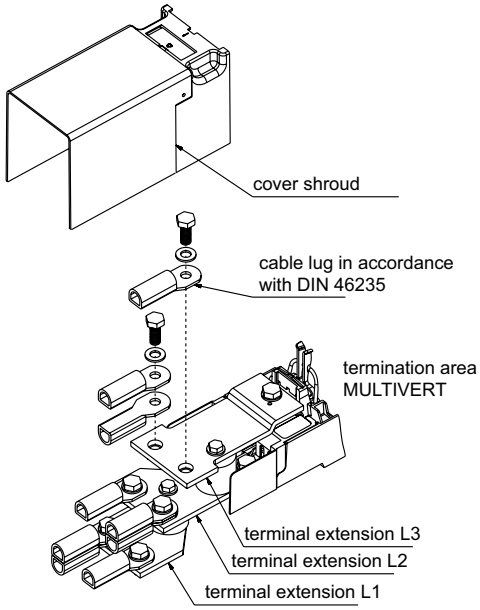
Cu: up to max. 300 mm² round stranded, sectoral stranded cable lugs in accordance with DIN 46235
Al: up to max. 300 mm2 round stranded, sectoral stranded cable lugs in accordance with DIN 46329
M: 32-38 Nm



NOTE:
Due to safety precautions we suggest to insulate the cable lugs (185, 240 und 300 mm²).

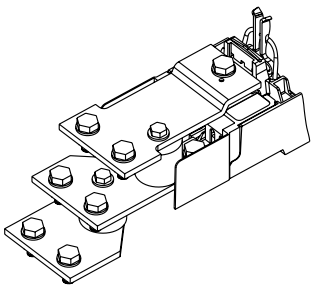
terminal: 3 cable lugs

Cu: up to max. 150 mm² round stranded, sectoral stranded cable lugs in accordance with DIN 46235
M: 32-38 Nm



NOTE:
Due to safety precautions we suggest to insulate the cable lugs (95, 120 und 150 mm²).

Position of terminals



tightening torque of screws: 32 - 38 Nm

Dimensions in mm

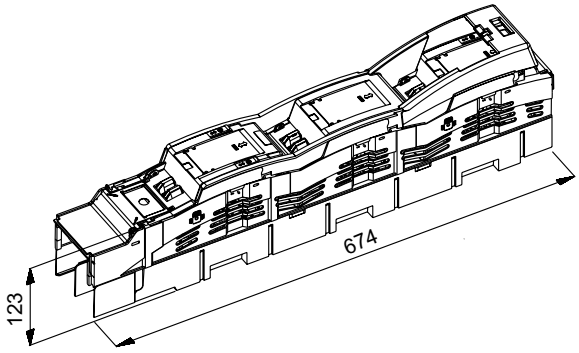
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DIMENSIONS

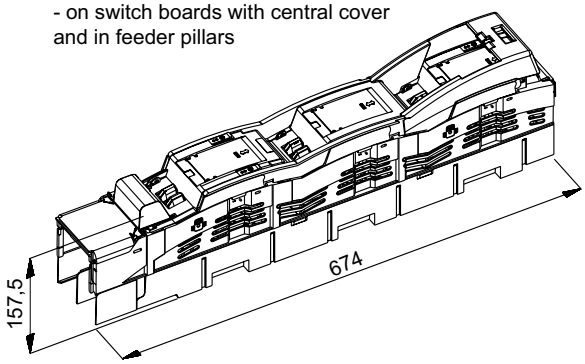
Cover shrouds for cable termination bottom terminal MULTIVERT® 250A, 400A, 630A (M01160a-1)

standarddesign:
integrated shroud for bottom cable termination

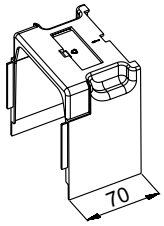
for terminal connections with cable lugs (bolt and insert nut)
- on switch boards with central cover



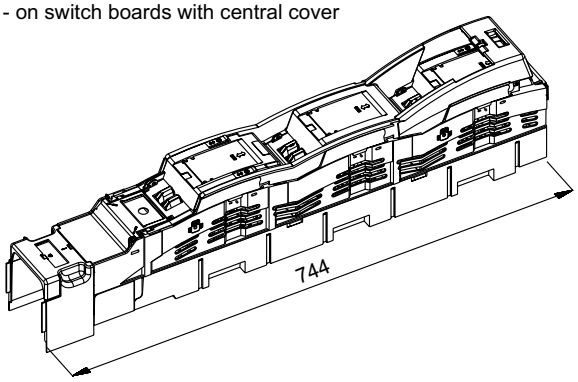
for clamp terminal connections (V-terminal)
for special "high" clamp terminal connections
(double V-clamps)
- on switch boards with central cover
and in feeder pillars



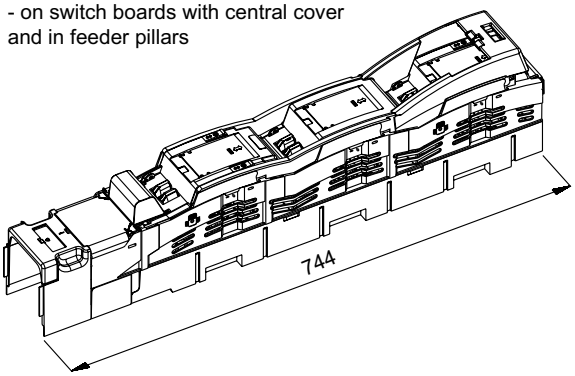
Extension shroud for bottom cable termination
article number 1.002.095 (accessory)



for extended cover
tor terminal connections with cable lugs (bolt and insert nut)
- on switch boards with central cover



for extended cover
for clamp terminal connections (V-terminal)
for special "high" clamp terminal connections(double V-clamps)
- on switch boards with central cover
and in feeder pillars

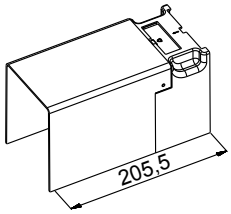


Dimensions in mm

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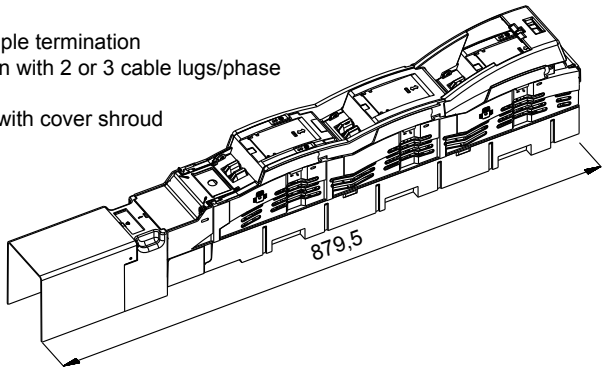
DIMENSIONS

Cover shrouds for cable termination bottom terminal MULTIVERT® 250A, 400A, 630A multiple termination (M01160b-2)

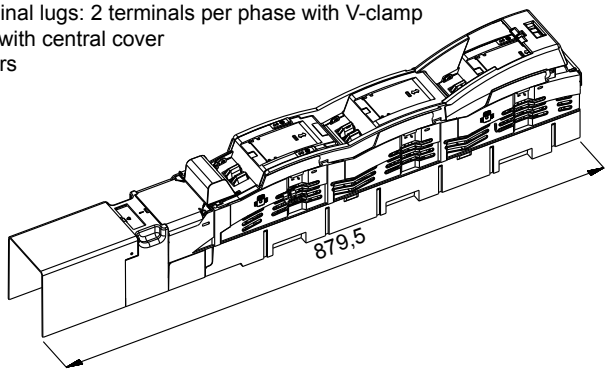


catalogue no. 1.002.458 - accessory

for application multiple termination
for cable termination with 2 or 3 cable lugs/phase
see MA 88
- on switch boards with cover shroud



for application multiple termination
for V-terminal: terminal lugs: 2 terminals per phase with V-clamp
- on switch boards with central cover
and in feeder pillars



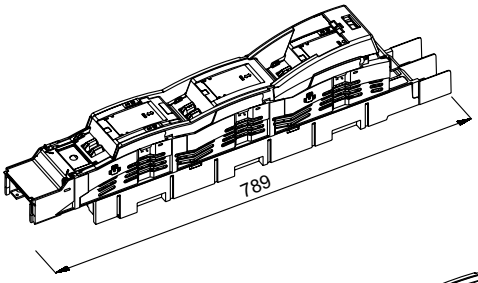
Dimensions in mm

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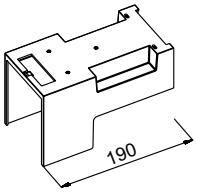
DIMENSIONS

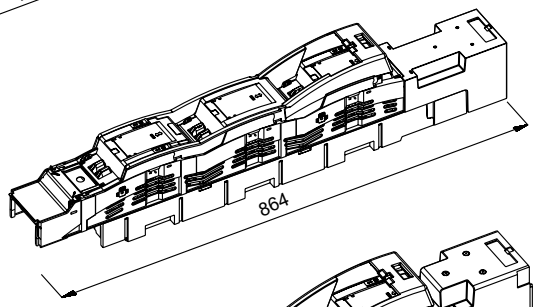
Cover shrouds for cable termination top terminal MULTIVERT® 250A, 400A, 630A (M01160a-3)

without shroud for cable termination

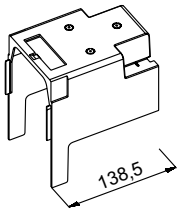


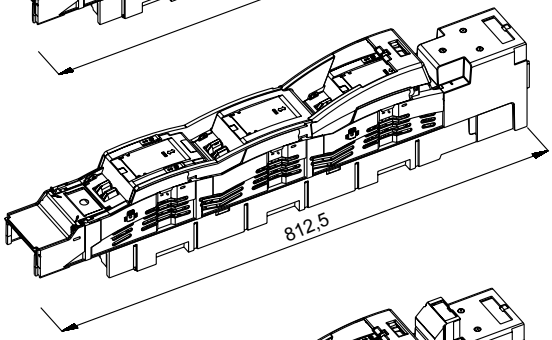
shroud for top cable termination
article number: MZKHO (accessory)
for terminal connections with
cable lugs (bolt and insert nut)
- on switch boards with central cover



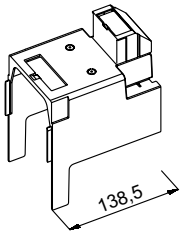


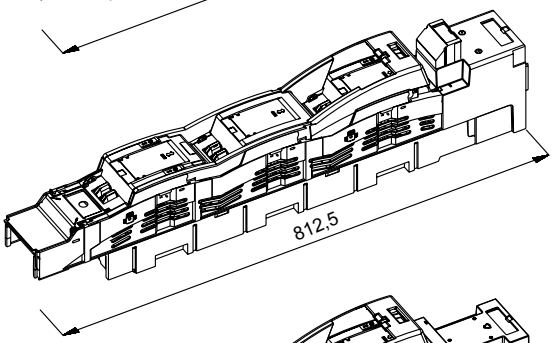
shroud for top cable termination
article number: MZKAB (accessory)
for clamp terminal connections
(V-terminal)
- in feeder pillars



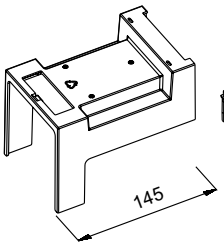


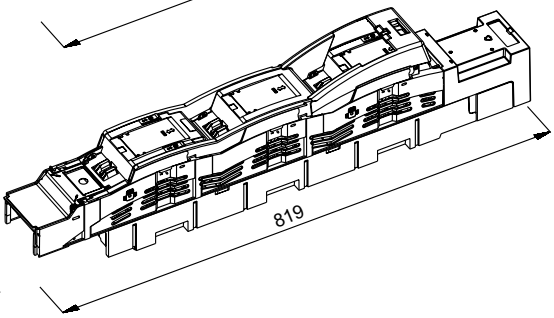
shroud for top cable termination
article number: MZKAB1 (accessory)
for special “high“ clamp terminal
connections (double V-clamps)
- in feeder pillars





shroud for top cable termination
article number: MZKHV (accessory)
for terminal connections with cable lugs
for installation in distribution units
with central cover





Dimensions in mm

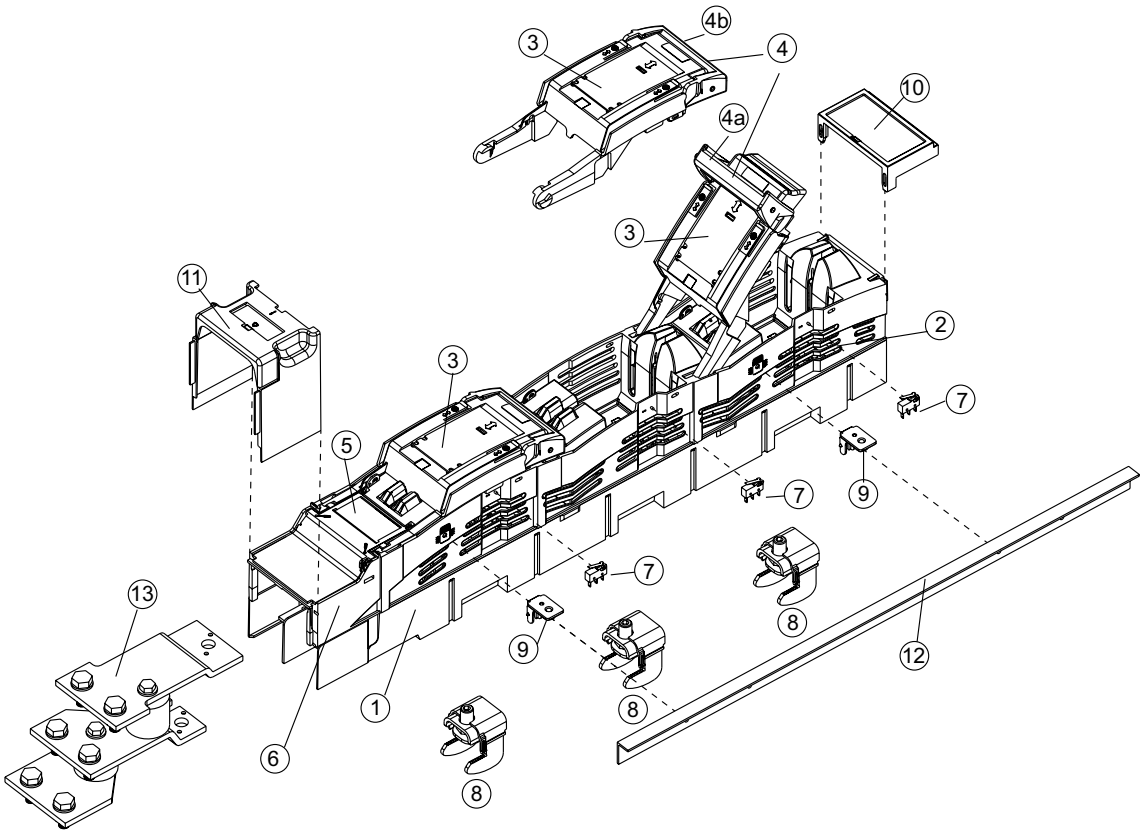
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EXPLODED SKETCH

MULTIVERT® 250A, 400A, 630A 3x single pole switching (E 1.002.265a)



no.	articlenumber	short Description
1		Main base
2		Protection cover (removable)
3		Switch operating cover triple pole
4		Combination handle: 4a. open - switching position; 4b. Closed - installation depth 158mm
5		Labelling area (label)
6		Integrated cover shroud
7	1.000.852	indicator for switch door position
8	1.000.192	Hooked clamp, 1 set = 3 pieces
9	MZAW	Support angle, 1 set = 4 pieces
10	MZBT	Label holder
11	1.002.095	Cover shroud, bottom terminal, 70mm
12	1.001.510	cover shield, length 605mm, set=2 pieces
13	1.002.255	Supplementary set for multiple terminal

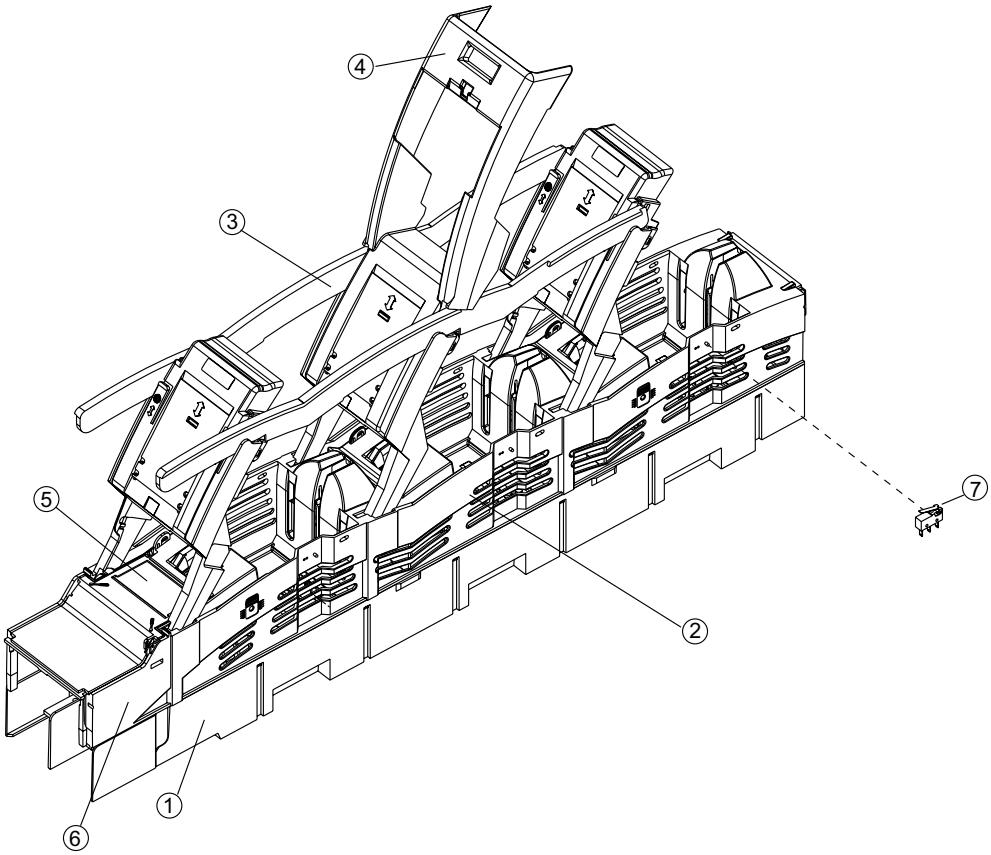
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EXPLODED SKETCH

MULTIVERT® 250A, 400A, 630A 1x triple pole switching (E 1.002.266)



no.	articlenumber	short Description
1		Main base
2		Protection cover (removable)
3		Switch operating cover triple pole
4		Handle
5		Labelling area (label)
6		Integrated cover shroud
7	1.000.852	indicator for switch door position

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ACCESSORIES



1.002.095



1.002.458



MZKAB



MZKAB1



MZKHO



MZKHV



MZVHB

Covers/shrouds for cable termination

Catalog number	Item number	Application	Design	Package	Weight
1.002.095	J1002279	bottom terminal	cover shroud for extended cover length 70 mm	1 piece	0.12 kg
1.002.458	N1023305	bottom terminal	cover shroud for multiple termination length 205,5mm	1 piece	0.16 kg
MZKAB	J1023301	top terminal	cover shroud for clamp terminal connection in feeder pillars length 138,5 mm	1 piece	0.10 kg
MZKAB1	K1023302	top terminal	cover shroud for special (high) clamp terminal connection in feeder pillars length 138,5 mm	1 piece	0.12 kg
MZKHO	G217655	top terminal	cover shroud for cable terminal connections with cable lugs on switchboards with central cover length 190 mm	1 piece	0.13 kg
MZKHV	A1002202	top terminal	cover shroud for installation in distribution units with central cover (height of supporting edge reduced by 16 mm) length 145 mm	1 piece	85 g
MZVHB	L1023303	top terminal	extended cover shroud length 257 mm	1 piece	0.23 kg



1.001.510



MZAW

Covers/level & system adjustment covers

Catalog number	Item number	Design	Package	Weight
1.001.510	K1002280	cover shield to support central cover 1 set = 2 pieces	1 set	0.15 kg
MZAW	D218687	support angle for support of cover plate 1 set = 4 pieces	1 set	27 g

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ACCESSORIES



1.002.492 1.002.493 1.002.829



1.002.830 MZ01LPAP MZLPAP

Covers/spare way covers

Catalog number	Item number	Application	Design	Package	Weight
1.002.492	M1002282	bus bar system 185 mm	spare way cover width 100 mm, length 630 mm for covering of open installation spaces in distribution units with central cover	1 piece	0.20 kg
1.002.493	N1002283	bus bar system 185 mm	spare way cover width 50 mm, length 630 mm for covering of open installation spaces in distribution units with central cover	1 piece	0.14 kg
1.002.829	F1023413	bus bar system 185 mm	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)	1 set	0.27 kg
1.002.830	E1023412	bus bar system 185 mm	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)	1 set	0.20 kg
MZ01LPAP	C1023410	bus bar system 185 mm	spare way cover without level adjustment width 50 mm, length 500 mm including fixing material	1 piece	60 g
MZLPAP	D1023411	bus bar system 185 mm	spare way cover width 100 mm, length 612 mm including 2 pieces M12 fixing screws (distance of fixing holes 185 mm)	1 piece	0.56 kg



1.000.192



1.002.648

Installation devices/bus bar installation

Catalog number	Item number	Design	Package	Weight
1.000.192	P1002284	hooked clamp size 1, 2, 3, M = 15–20 Nm hexagon socket connection (inbus) for MULTIVERT®/BSL with top or bottom terminal 1 set = 3 pieces	1 set	0.47 kg
1.002.648	T1023448	M12 insert nut, size 2 and 3 1 set = 30 pieces	1 set	0.28 kg

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ACCESSORIES



1.000.829



1.000.852



1.002.940

Indication facilities

Catalog number	Item number	Design	Package	Weight
1.000.829	L1023418	electro-mechanical fuse monitoring (galvanic isolation) MZS size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads	1 piece	0.31 kg
1.000.852	Q1002285	indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V	1 piece	90 g
1.002.940	Z1023453	electronic fuse monitoring ESÜ size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads (rated voltage 525VAC)	1 piece	0.85 kg



1.000.102



1.000.103



1.000.104



1.000.109

Amperemeter units

Catalog number	Item number	Design	Package	Weight
1.000.102	M1023281	size 1, 2, 3, 250 A, with drag indicator, single pole measurement	1 piece	83 g
1.000.103	N1023282	size 2, 3, 400 A, with drag indicator, single pole measurement	1 piece	83 g
1.000.104	P1023283	size 3, 630 A, with drag indicator, single pole measurement	1 piece	83 g
1.000.105	J1023278	size 3, 1000 A, with drag indicator, single pole measurement	1 piece	83 g
1.000.108	T1023287	size 1, 2, 3, 250 A, with drag indicator, triple pole measurement (optional L1, L2, L3)	1 piece	83 g
1.000.109	V1023288	size 2, 3, 400 A, with drag indicator, triple pole measurement (optional L1, L2, L3)	1 piece	83 g
1.000.110	W1023289	size 3, 630 A, with drag indicator, triple pole measurement (optional L1, L2, L3)	1 piece	83 g
1.000.111	Q1023284	size 3, 1000 A, with drag indicator, triple pole measurement (optional L1, L2, L3)	1 piece	83 g



1.005.085



1.005.090



1.005.116

Current transformers

Catalog number	Item number	Application	Design	Package	Weight
1.005.085	X1200183	Multivert i-Xtensio Size 2/3	CT Cover - accessory to increase Touch Protection and to maintain the Current Trans-formers in position in the back of Multivert i-Xtensio Size 2/3 - 1 set of 3pcs	1 set	0.2 kg
1.005.087	Y1200184	Progrid Size 1/2/3, Multivert i-Xtensio Size 2/3	Set of 3 Current transformers 250/5A, 5VA, class 1	1 set	0.4 kg
1.005.088	Z1200185	Progrid Size 1/2/3, Multivert i-Xtensio Size 2/3	Set of 3 Current transformers 400/5A, 5VA, class 1	1 set	0.4 kg
1.005.089	A1200186	Progrid Size 1/2/3, Multivert i-Xtensio Size 2/3	Set of 3 Current transformers 600/5A, 5VA, class 1	1 set	0.4 kg
1.005.090	B1200187	Progrid Size 1/2/3, Multivert i-Xtensio Size 2/3	Set of 3 Current transformers 400/1A, 5VA, class 1	1 set	0.4 kg
1.005.091	C1200188	Progrid Size 1/2/3, Multivert i-Xtensio Size 2/3	Set of 3 Current transformers 600/1A, 5VA, class 1	1 set	0.4 kg
1.005.095	D1200189	Progrid Size 1/2/3, Multivert i-Xtensio Size 2/3	Set of 3 Current transformers 300/5A, 2,5VA, class 0,5s	1 set	0.4 kg
1.005.096	E1200190	Progrid Size 1/2/3, Multivert i-Xtensio Size 2/3	Set of 3 Current transformers 400/5A, 2,5VA, class 0,5s	1 set	0.4 kg
1.005.097	F1200191	Progrid Size 1/2/3, Multivert i-Xtensio Size 2/3	Set of 3 Current transformers 600/5A, 5VA, class 0,5s	1 set	0.4 kg
1.005.116	W1200182	Multivert i-Xtensio Size 2/3	CT Wiring kit - Wiring set for 3 Current transformers in the back of Multivert i-Xtensio Size 2/3	1 set	0.1 kg

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MZBT

Labelling facilities

Catalog number	Item number	Design	Package	Weight
MZBT	B222181	label holder size 1, 2, 3	1 piece	30 g

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ACCESSORIES



1.000.099



1.001.667



1.002.255



1.003.377



22SZVK42



1.003.286



1.002.909



1.002.910

Varieties of cable termination

Catalog number	Item number	Design	Package	Weight
1.000.099	F1023436	insulation cap for V-terminal clamp size 1,2,3 for Aluminium V-clamps	1 piece	0.1 g
1.001.667	F1023275	adapter for double terminal L3	1 piece	0.25 kg
1.002.255	B1024582	supplementary set for multiple termination, bottom terminal 2 cable lugs Cu/Al: up to max. 300 mm² round stranded, sectoral stranded 3 cable lugs Cu: up to max. 150 mm² round stranded, sectoral stranded M = 32-38 Nm	1 set	1.68 kg
1.002.909	K1024613	V-terminal clamp size 1,2,3, 10-300 mm² single solid, 10-300 mm² single stranded, 10-300 mm² round stranded, 10-300 mm² round solid, Opening width: 26.5 mm M = 23 -27 Nm 1 set = 3 pieces	1 set	0.24 kg
1.002.910	L1024614	V-terminal clamp size 1,2,3, 95-300 mm² single solid, 70-240 mm² single stranded, 50-185 mm² round stranded, 70-240 mm² round solid, Opening width: 26.5 mm M = 23 -27 Nm 1 set = 3 pieces	1 set	0.26 kg
1.003.286	Q1024595	supplementaty set for V-terminal size 1,2,3 set = 3 pieces V-clamps, cover shroud and labels for size 1, 2 and 3	1 set	0.23 kg
1.003.377	Y1024579	supplementary set for multiple termination, top terminal 2 cable lugs Cu/Al: up to max. 300 mm² round stranded, sectoral stranded, 3 cable lugs Cu: up to max. 150 mm² round stranded, sectoral stranded, M = 32-38 Nm	1 set	1.74 kg
22SZVK42	Q1024618	V-terminal clamp size 1,2,3 for 2 conductors 50–240 mm²single solid, 50-185 mm² single stranded, 50-185 mm² round stranded, 70-240 mm² round solid M = 23–27 Nm	1 piece	6.8 g

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