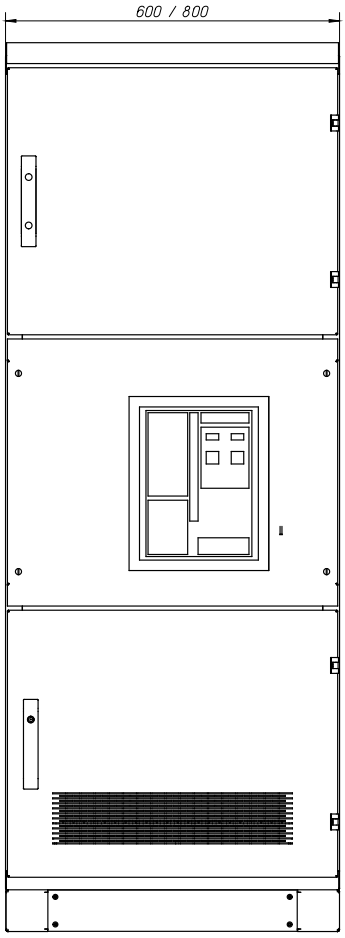
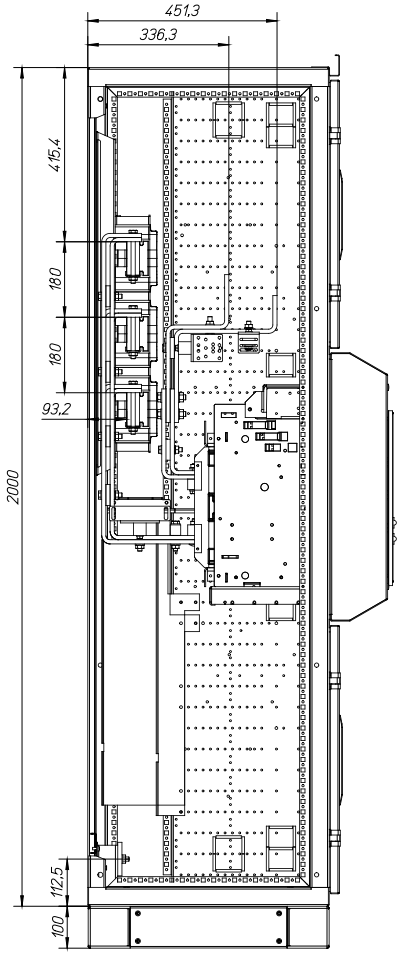
Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A GI.S. O

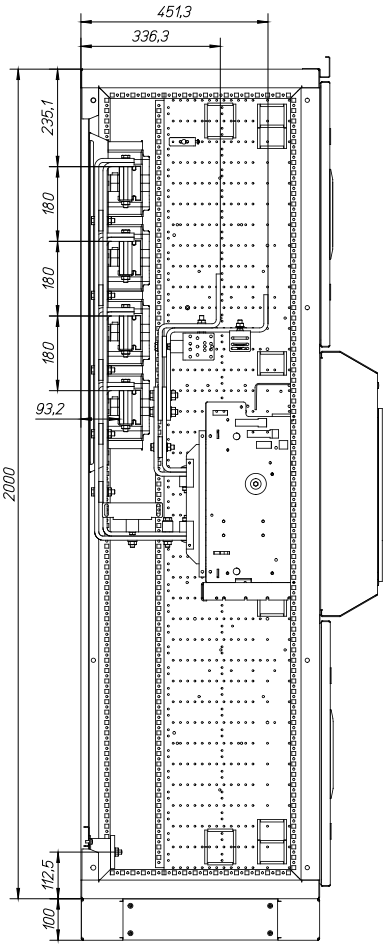
Aufbau Feld | **installation field**

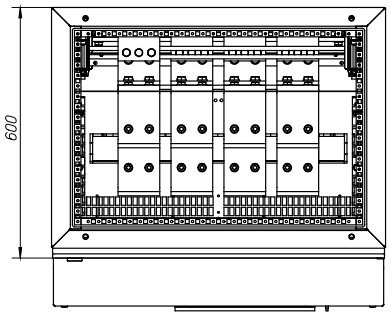
3-polig | **3-pole**





4-polig | **4-pole**





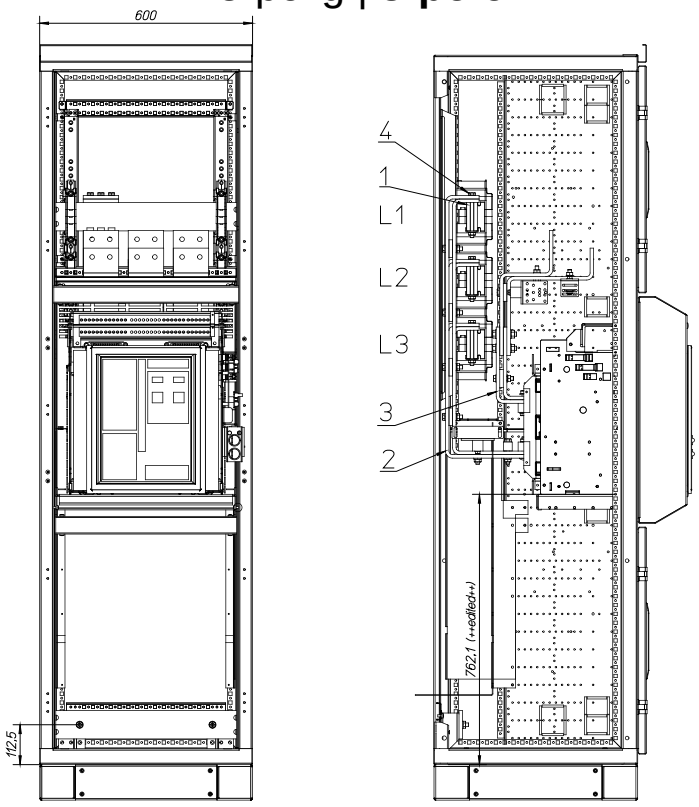
xEnergy Feld **| field** 2000x600/800x600
Einbausatz | **mounting kit**: XMI32
Bemessungsstrom | **Current Rating** (I): 2500A
Material der Cu-Schienen | **busbar material**: EN 13601-Cu-ETP-R250
(ersetzt | **replaced**: DIN 40500 / 46433 E-Cu 57, F25)

Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

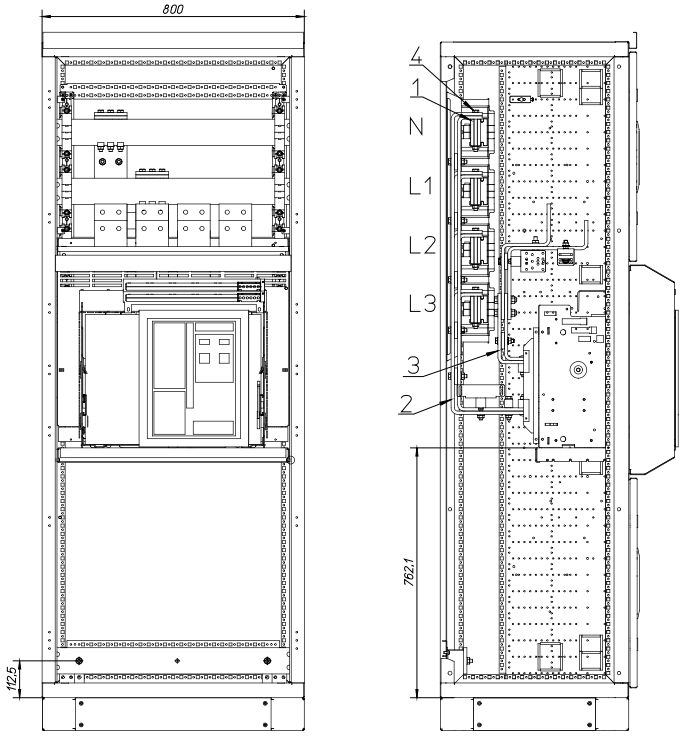
Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O

Eingangsschienenverbindung | **incoming connection**

3-polig | **3-pole**



4-polig | **4-pole**



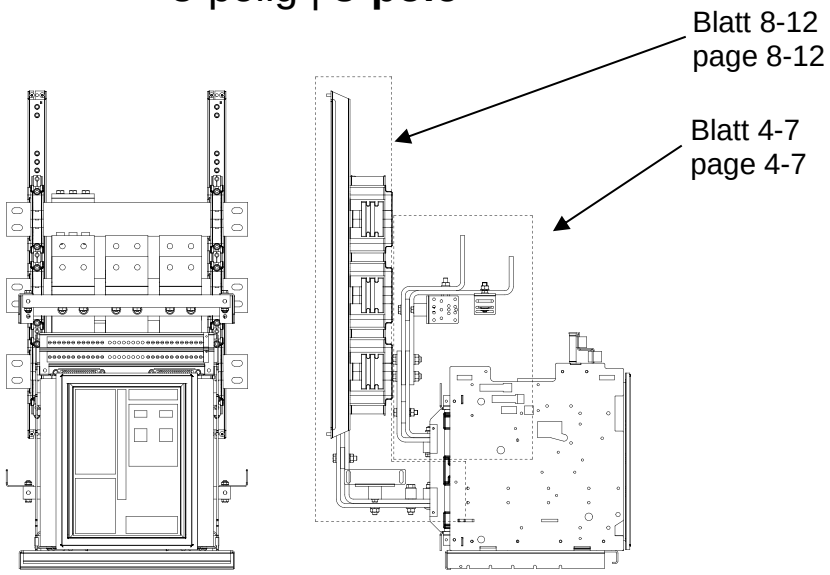
Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O

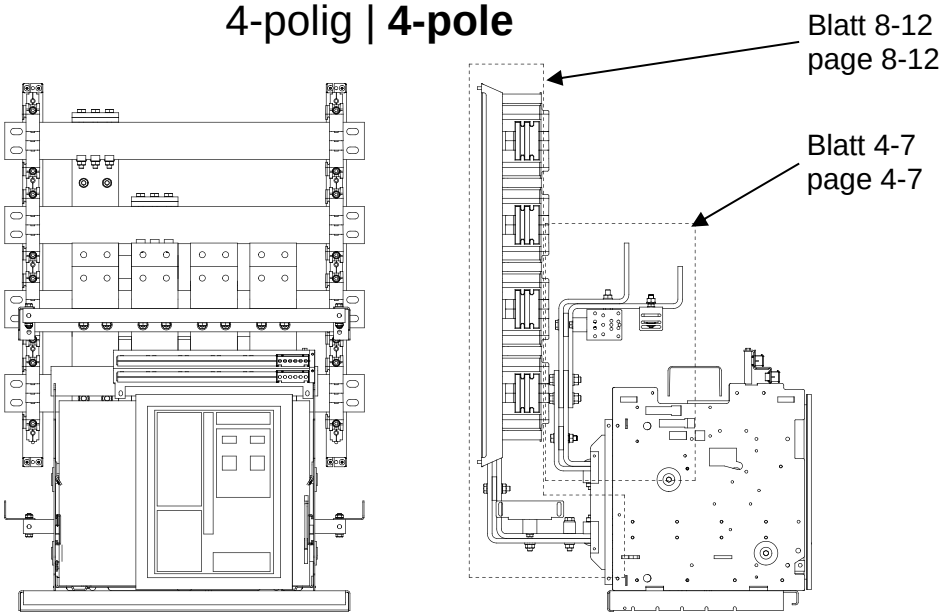
Anschluss Schalter - Gesamtansicht | **switch connection - overview**

Pos. **no.**	Benennung **name**	Beschreibung **specification**	Montagematerial / Zubehör **Installation material / components**
1	Hauptsammelschiene **main busbar**		
2	Abgangssammelschiene **outgoing busbar**	2x100x10 mm	Blatt 8-12 **Page 8-12**
3	Eingangssammelschiene **incoming busbar**	2x100x10 mm	Blatt 4-7 **Page 4-7**
4	Sammelschienenverbindung **busbar connection**		Blatt 8-12 **Page 8-12**

3-polig | **3-pole**



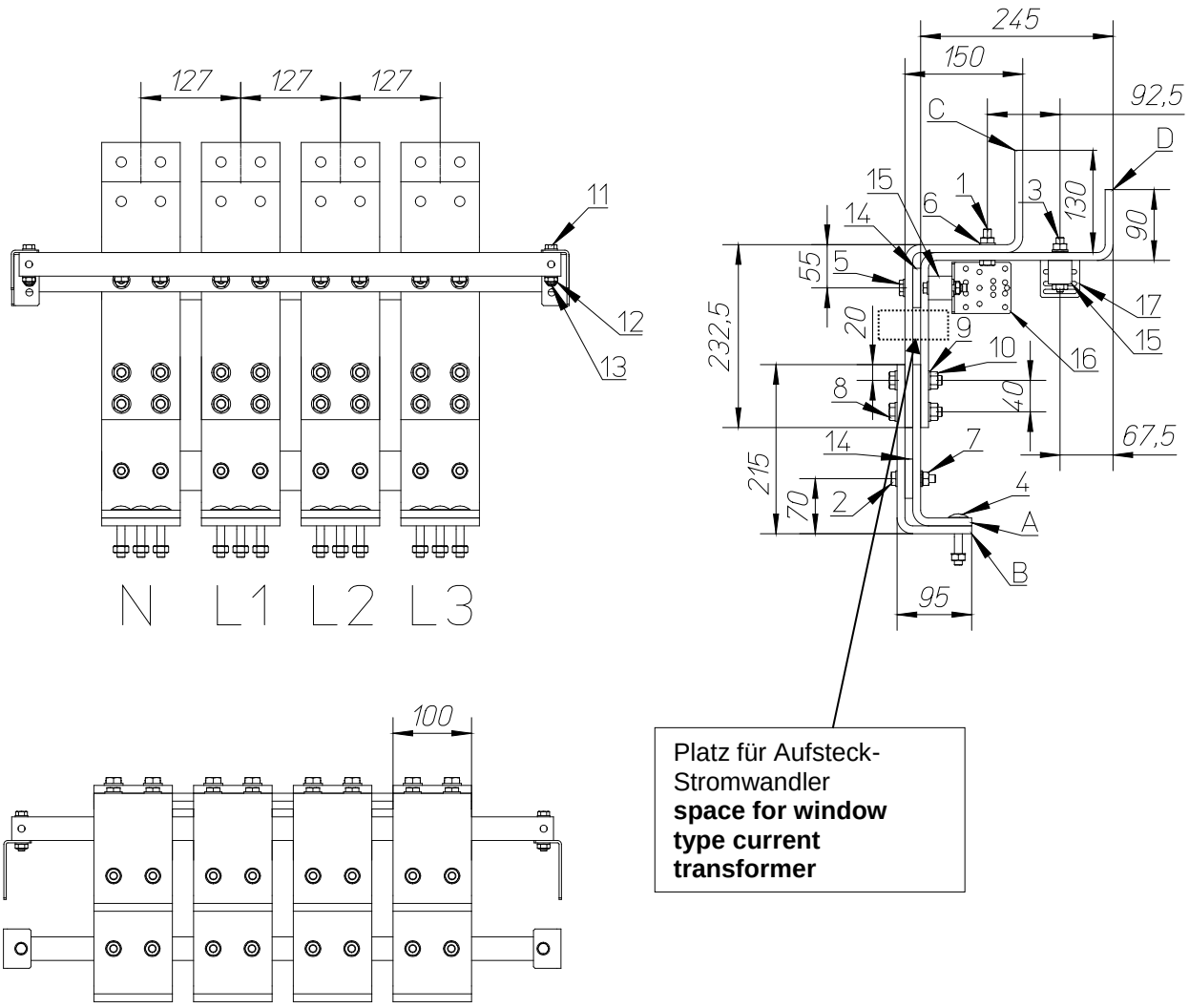
4-polig | **4-pole**



Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O

Eingangsschienenverbindung | incoming connection



Kupfer | **copper** 100mm x 10mm
Gestreckte Längen* | **flat length***

Schiene **busbar**	Gestreckte Länge N **flat length N**	Gestreckte Länge L1 **flat length L1**	Gestreckte Länge L2 **flat length L2**	Gestreckte Länge L3 **flat length L3**
A	263,4	263,4	263,4	263,4
B	293,4	293,4	293,4	293,4
C	479,3	479,3	479,3	479,3
D	524,3	524,3	524,3	524,3

*Radius R10
Biegeverkürzung | **correction factor:** +3,4mm

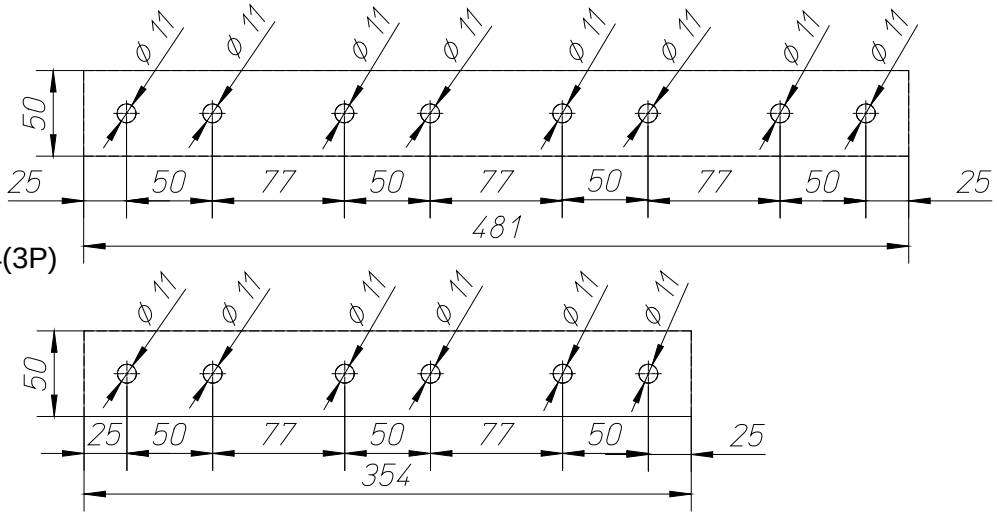
Maße in | **Dimensions in** mm

Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

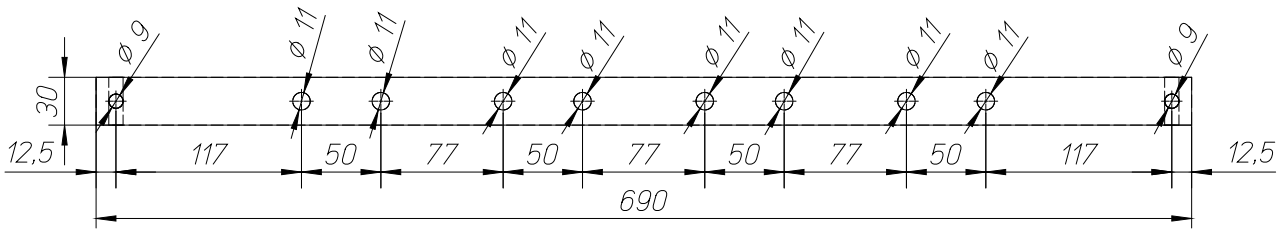
Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O

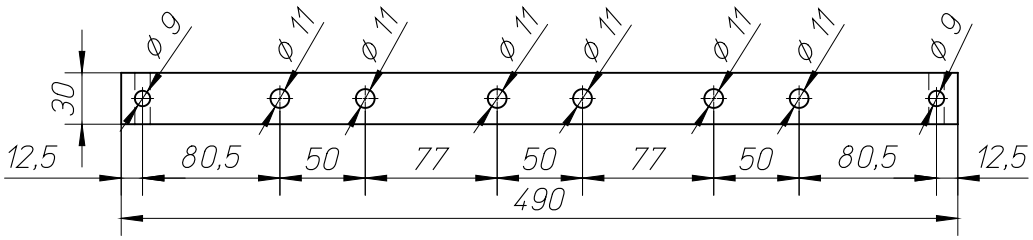
Eingangsschienenverbindung | **incoming connection**

Pos. | **No. 14**
Stabilisator
stabilizer
50x10x481 / 354(3P)



Pos. | **No. 15**
Stabilisator
stabilizer
30x30x690 / 490(3P)



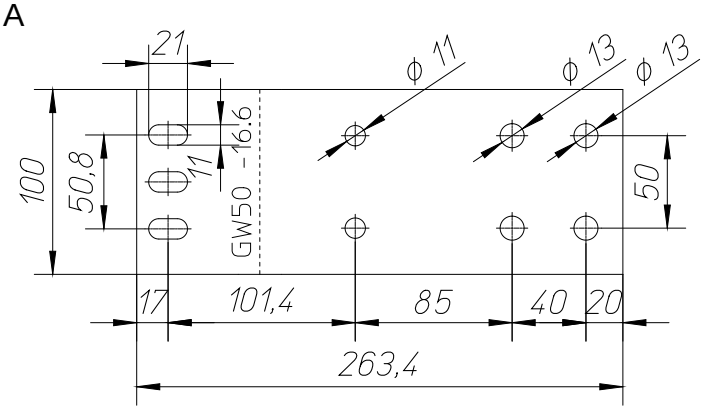


Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

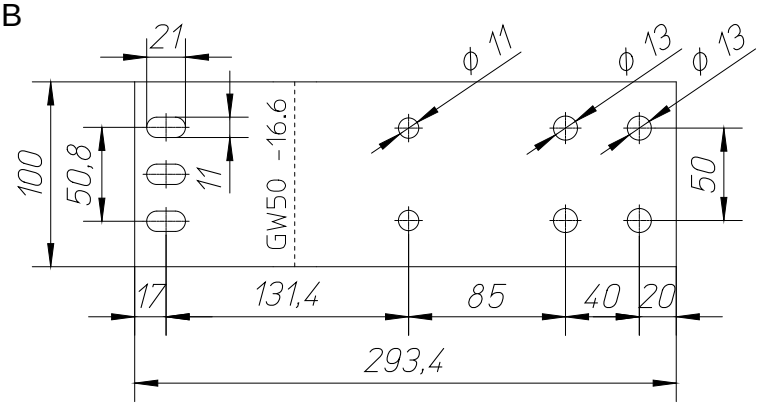
Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O

Gestreckte Längen | **flat length**

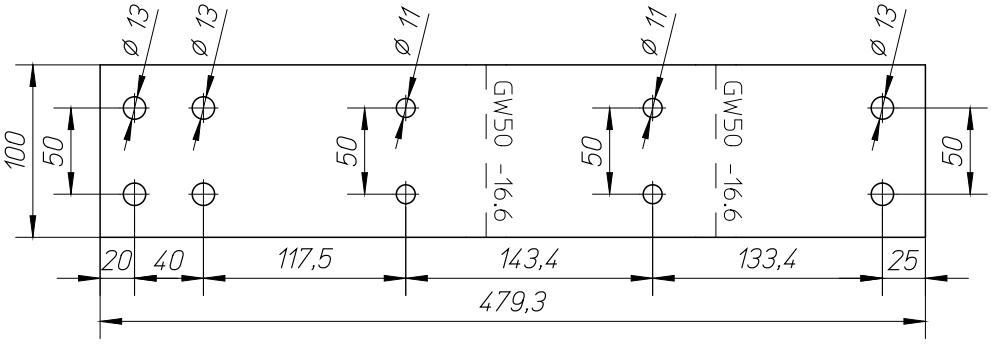
A



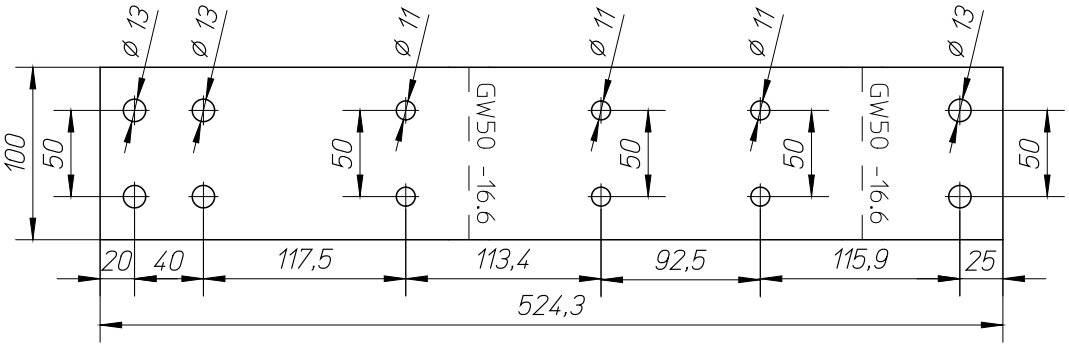
B



C



D



Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A GI.S. O

Stückliste Eingangsschienenverbindung | **parts list incoming connection**

Pos. **no.**	Menge **quantity**		Benennung **name**	Beschreibung **specification**	Bild **picture**
	3P	**4P**			
1	6 Stk/**pcs**	8 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	168945 - XNNSKS-M10X40-8 DIN 933 M10 x 40 - 8.8	
2	6 Stk/**pcs**	8 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	168946 - XNNSKS-M10X50-8 DIN 933 M10 x 50 - 8.8	
3	6 Stk/**pcs**	8 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	141887 - XNNSKS-M10X60-8 DIN 933 M10 x 60 - 8.8	
4	9 Stk/**pcs**	12 Stk/**pcs**	Flachrundschraube mit Vierkantansatz **Saucer-head screw with square neck**	168955 - XNNFRS-M10X60-8 DIN 603 M10 x 60 - 8.8	
5	8 Stk/**pcs**	8 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	141889 - XNNSKS-M10X80-8 DIN 931 M10 x 80 - 8.8	
6	61 Stk/**pcs**	76 Stk/**pcs**	Spannscheibe **Conical spring washer for bolted connections**	141896 - XNNSS-10-FST DIN 6796-10-FSt	
7	35 Stk/**pcs**	44 Stk/**pcs**	Sechskantmutter **Hexagon nut**	141876 - XNNSKM-M10 DIN 934 M10 - 8	
8	12 Stk/**pcs**	16 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	168947 - XNNSKS-M12X60-8 DIN 933 M12 x 60 - 8.8	
9	24 Stk/**pcs**	32 Stk/**pcs**	Spannscheibe **Conical spring washer for bolted connections**	141897 - XNNSS-12-FST DIN 6796-12-FSt	
10	12 Stk/**pcs**	16 Stk/**pcs**	Sechskantmutter **Hexagon nut**	141877 - XNNSKM-M12 DIN 934 M12 - 8	
11	4 Stk/**pcs**	4 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	141895 - XNNSKS-M8X45-8 DIN 933 M8 x 45 - 8.8	
12	8 Stk/**pcs**	8 Stk/**pcs**	Spannscheibe **Conical spring washer for bolted connections**	141898 - XNNSS-8-FST DIN 6796-8-FSt	
13	4 Stk/**pcs**	4 Stk/**pcs**	Sechskantmutter **Hexagon nut**	141880 - XNNSKM-M8 DIN 934 M8 - 8	
14	2 Stk/**pcs**	2 Stk/**pcs**	Stabilisator 50x10x481 **stabilizer 50x10x481 / 354 (3P)**	141874 - XNNS-50X10 DIN7735 - HM2471	
15	2 Stk/**pcs**	2 Stk/**pcs**	Stabilisator 30x30x690 **Stabilizer 30x30x690 / 490 (3P)**	141872 - XNNS-30X30 DIN7735 - HM2471	
16	2 Stk/**pcs**	2 Stk/**pcs**	Befestigungswinkel **Fixing Bracket**	141849 - XNNBW-G06	
17	2 Stk/**pcs**	2 Stk/**pcs**	Befestigungswinkel **Fixing Bracket**	141848 - XNNBW-G	
	X	X	Gestreckte Länge gesamt 100x10x6241,6 / 4681,2 (3P) **flat length total 100x10x6241,6 / 4681,2 (3P)**	EN 13601-Cu-ETP-R250-SH	

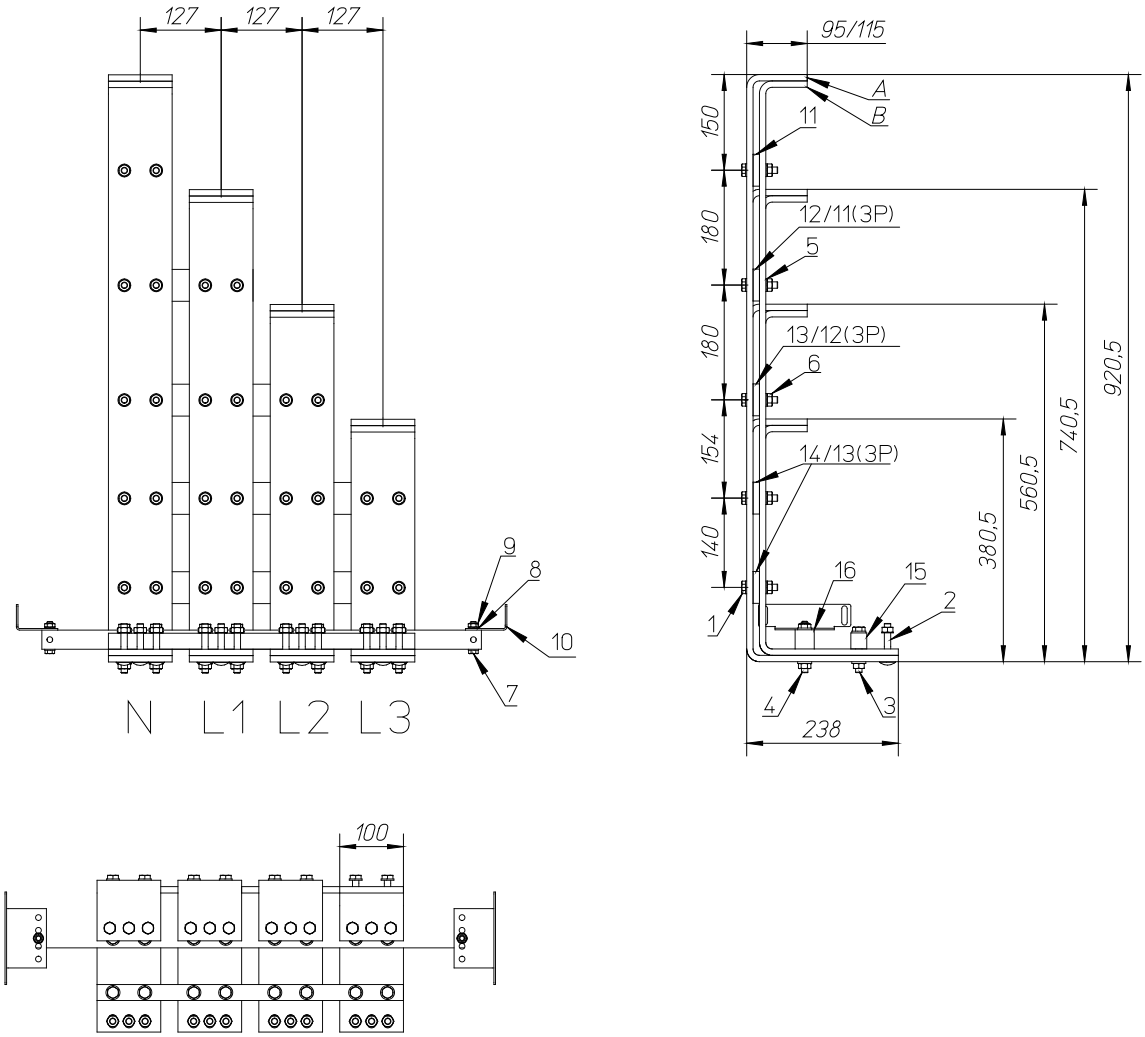
Anzugsdrehmomente **| stud torque**

Gewindegröße **Screw Size**	Fertigung **Mounting**	Prüfung **Test**
M8	20 Nm	17 Nm
M10	40 Nm	37 Nm
M12	70 Nm	67 Nm

Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O

Abgangsschienenverbindung | **outgoing connection**



Kupfer | **copper** 100mm x 10mm
Gestreckte Längen* | **flat length***

Schiene **busbar**	Gestreckte Länge N **flat length N**	Gestreckte Länge L1 **flat length L1**	Gestreckte Länge L2 **flat length L2**	Gestreckte Länge L3 **flat length L3**
A	1220,3 / 1240,3	1040,3 / 1060,3	860,3 / 880,3	680,3 / 700,3
B	1160,3 / 1180,3	980,3 / 1000,3	800,3 / 820,3	620,3 / 640,3

*Radius R10
Biegeverkürzung | **correction factor**: +3,4mm

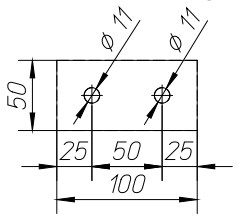
Maße in | **Dimensions in** mm

Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

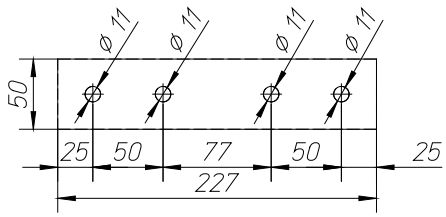
Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O

Abgangsschienenverbindung | **outgoing connection**

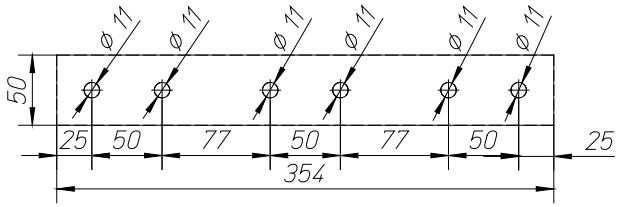
Pos. | **No. 11**
Stabilisator
stabilizer
50x10x100



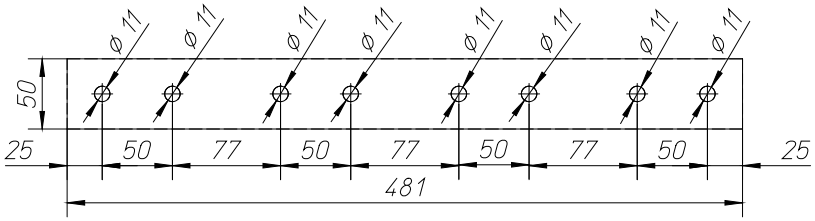
Pos. | **No. 12**
Stabilisator
stabilizer
50x10x227



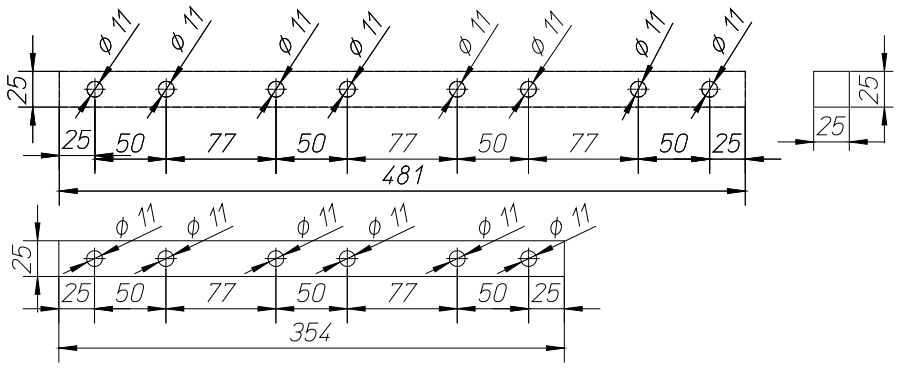
Pos. | **No. 13**
Stabilisator
stabilizer
50x10x354



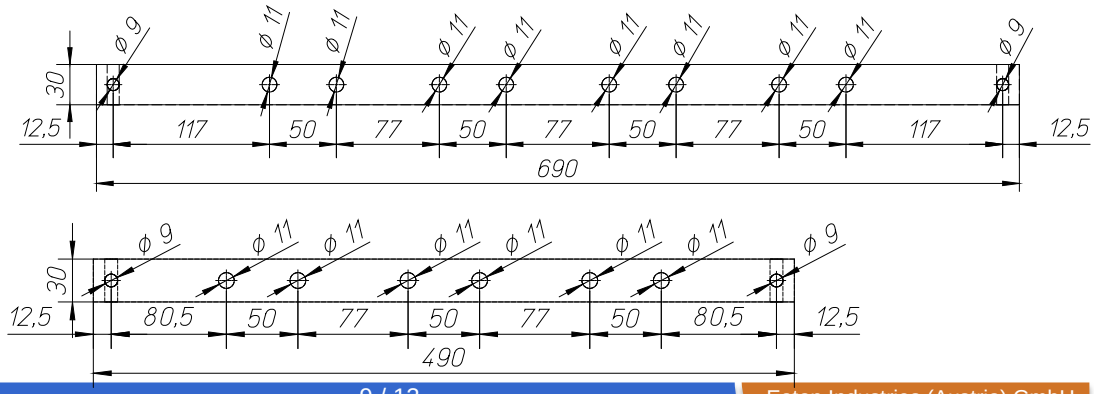
Pos. | **No. 14**
Stabilisator
stabilizer
50x10x481



Pos. | **No. 15**
Stabilisator
stabilizer
25x25x481 / 354(3P)



Pos. | **No. 16**
Stabilisator
stabilizer
30x30x690 / 490(3P)



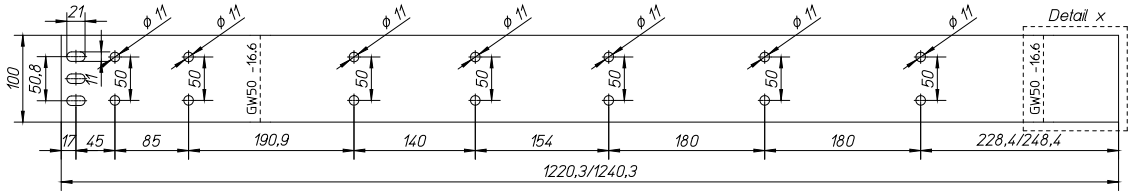
Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O

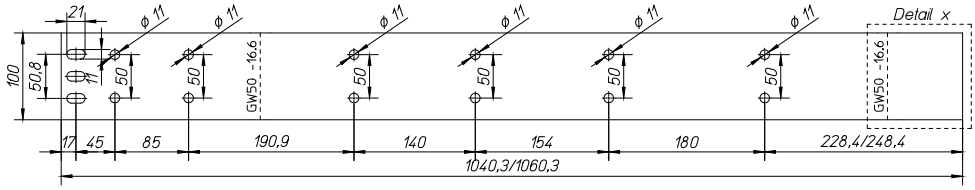
Gestreckte Längen Tiefe | **flat length depth**

A:

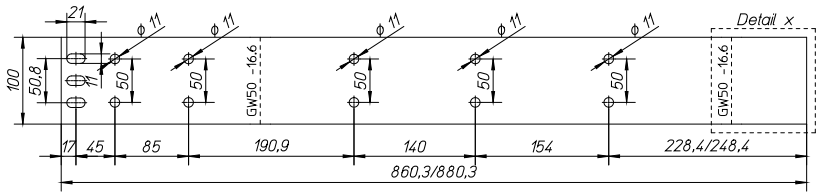
N



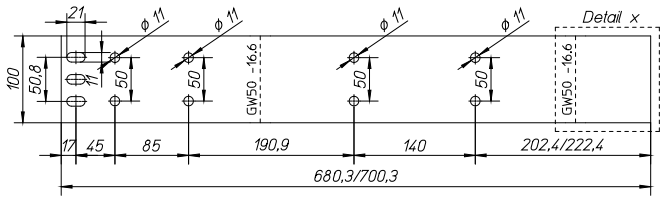
L1



L2

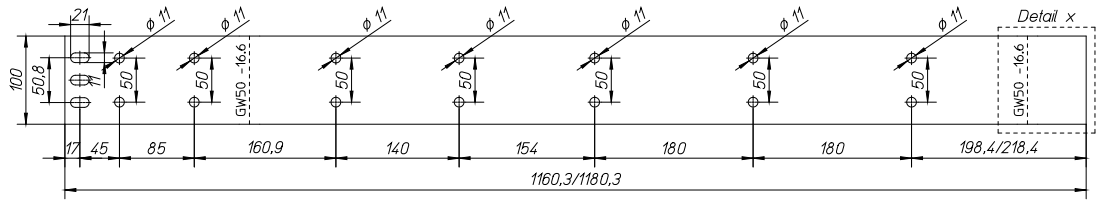


L3

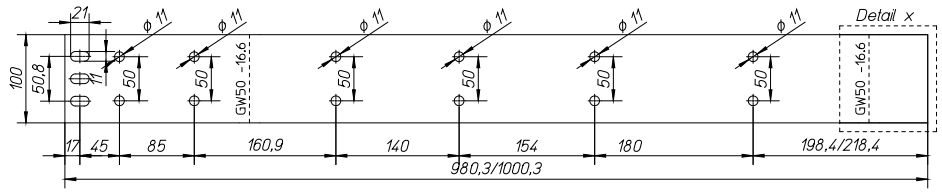


B:

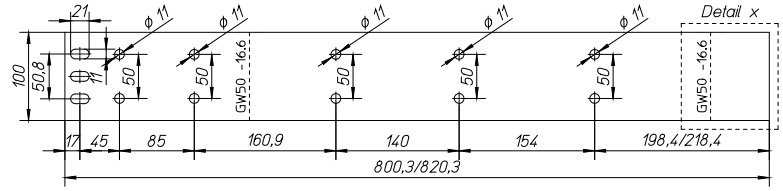
N



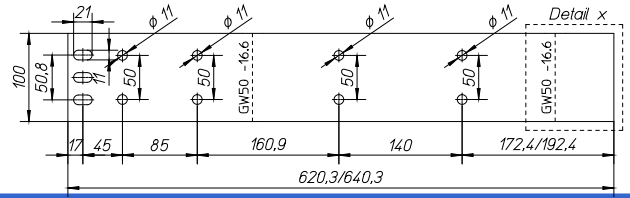
L1



L2



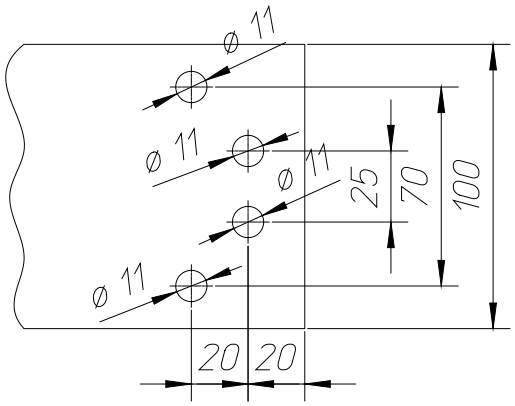
L3



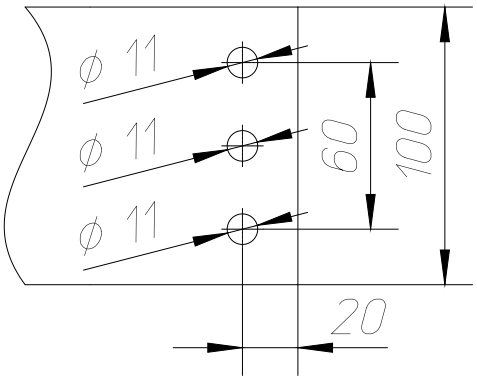
Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O

Detail x
HSS mit 3 Cu-Schienen
Main busbar with 3 Cu-bars



Detail x
HSS mit 2 Cu-Schienen
Main busbar with 2 Cu-bars



Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A GI.S. O

Stückliste Abgangsschienenverbindung | **parts list outgoing connection**

Pos. **no.**	Menge **quantity**		Benennung **name**	Beschreibung **specification**	Bild **picture**
	3P	4P			
1	18 Stk/**pcs**	28 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	168946 - XNNSKS-M10X50-8 DIN 933 M10 x 50 - 8.8	
2	9 Stk/**pcs**	12 Stk/**pcs**	Flachrundschraube mit Vierkantansatz **Saucer-head screw with square neck**	141887 - XNNSKS-M10X60-8 DIN 933 M10 x 60 - 8.8	
3	6 Stk/**pcs**	8 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	168949 - XNNSKS-M10X65-8 DIN 933 M10 x 65 - 8.8	
4	6 Stk/**pcs**	8 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	141888 - XNNSKS-M10X70-8 DIN 931 M10 x 70 - 8.8	
5	69 Stk/**pcs**	100 Stk/**pcs**	Spannscheibe **Conical spring washer for bolted connections**	141896 - XNNSS-10-FST DIN 6796-10-FSt	
6	39 Stk/**pcs**	56 Stk/**pcs**	Sechskantmutter **Hexagon nut**	141876 - XNNSKM-M10 DIN 934 M10 - 8	
7	2 Stk/**pcs**	2 Stk/**pcs**	Sechskantschraube **Hexagon head cap screw**	141895 - XNNSKS-M8X45-8 DIN 933 M8 x 45 - 8.8	
8	4 Stk/**pcs**	4 Stk/**pcs**	Spannscheibe **Conical spring washer for bolted connections**	141898 - XNNSS-8-FST DIN 6796-8-FSt	
9	2 Stk/**pcs**	2 Stk/**pcs**	Sechskantmutter **Hexagon nut**	141880 - XNNSKM-M8 DIN 934 M8 - 8	
10	2 Stk/**pcs**	2 Stk/**pcs**	Befestigungswinkel **Fixing Bracket**	141846 - XNNBW-E06	
11	1 Stk/**pcs**	1 Stk/**pcs**	Stabilisator 50x10x100 **stabilizer 50x10x100**	141874 - XNNS-50X10 DIN7735 - HM2471	
12	1 Stk/**pcs**	1 Stk/**pcs**	Stabilisator 50x10x227 **stabilizer 50x10x227**	141874 - XNNS-50X10 DIN7735 - HM2471	
13	2 Stk/**pcs**	1 Stk/**pcs**	Stabilisator 50x10x354 **stabilizer 50x10x354**	141874 - XNNS-50X10 DIN7735 - HM2471	
14	-	2 Stk/**pcs**	Stabilisator 50x10x481 **stabilizer 50x10x481**	141874 - XNNS-50X10 DIN7735 - HM2471	
15	1 Stk/**pcs**	1 Stk/**pcs**	Stabilisator 25x25x481 /354 (3P) **Stabilizer 25x25x481 / 354 (3P)**	141873 - XNNX-25X25 DIN7735 - HM2471	
16	1 Stk/**pcs**	1 Stk/**pcs**	Stabilisator 30x30x690 / 490 (3P) **Stabilizer 30x30x690 / 490 (3P)**	141872 - XNNS-30X30 DIN7735 - HM2471	
	X	X	Gestreckte Länge gesamt 100x10x7362,4 / 7522,4 | 100x10x4981,8 / 5101,8 (3P) **flat length total 100x10x7362,4 / 7522,4 | 100x10x4981,8 / 5101,8 (3P)**	EN 13601-Cu-ETP-R250-SH	

Anzugsdrehmomente **| stud torque**

Gewindegröße **Screw Size**	Fertigung **Mounting**	Prüfung **Test**
M8	20 Nm	17 Nm
M10	40 Nm	37 Nm

Incoming-, outgoing umit IZM32 withdrawable 2500A EVEN T

Einspeise-, Abgangsfeld IZM32 Ausfahreinheit 2500A Gl.S. O