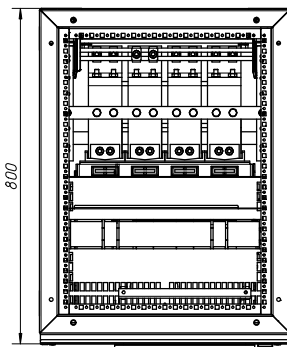
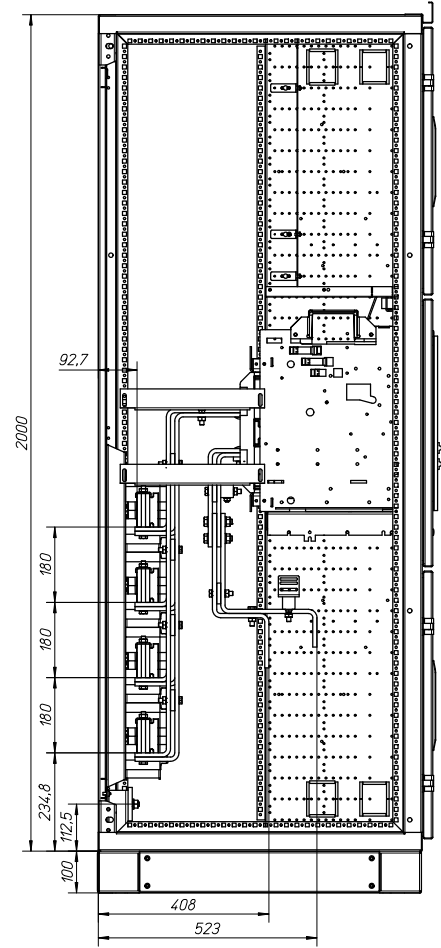
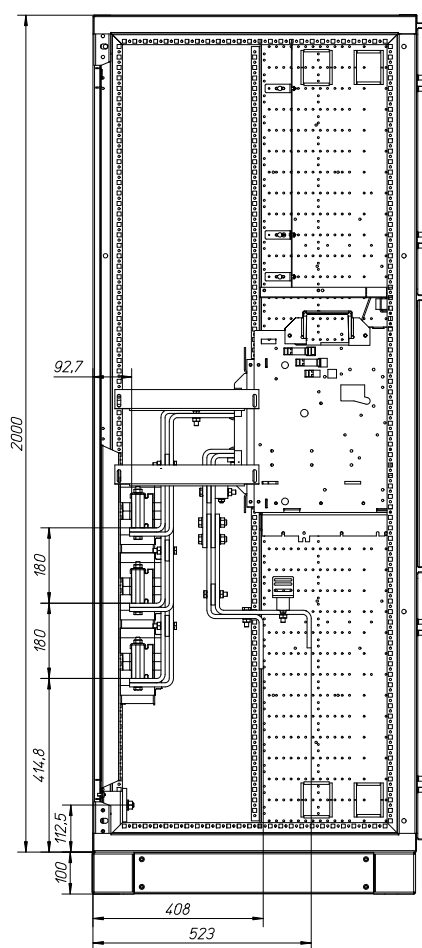
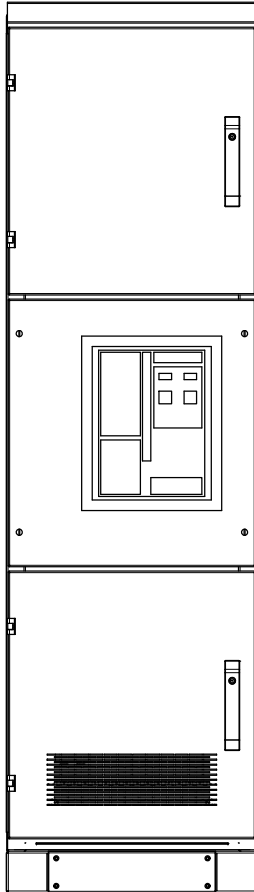


Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800  
**incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800**  
Aufbau Feld / installation field

3-polig/ 3-pole

4-polig/ 4-pole



**xEnergy Feld / field 2000x600x800**

Einbausatz / mounting kit: IZM20

IZM20-1

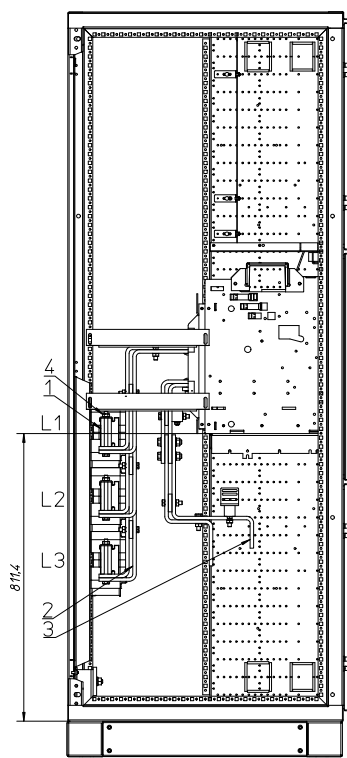
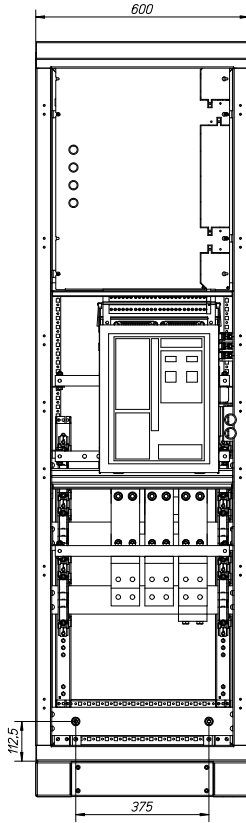
Bemessungsstrom / Current Rating (I): 2000A

Material der Cu-Schienen / busbar material: EN 13601-Cu-ETP-R250  
(ersetzt / replaced: DIN 40500 / 46433 E-Cu 57, F25)

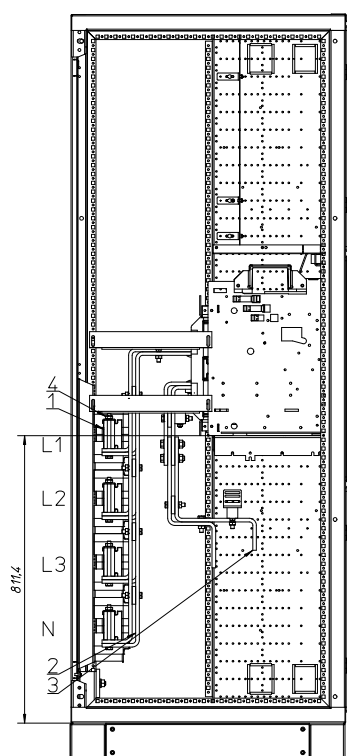
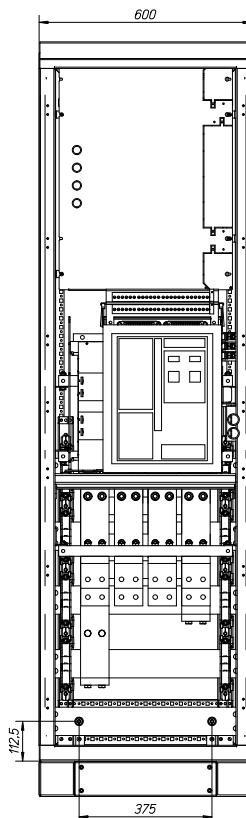
Hinweis / note:  
Kuperaufbau kann horizontal gespiegelt werden!  
Copper construction can be mounted upside down!

Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800  
**incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800**  
Eingangsschienenverbindung / incoming connection

3-polig / 3-pole



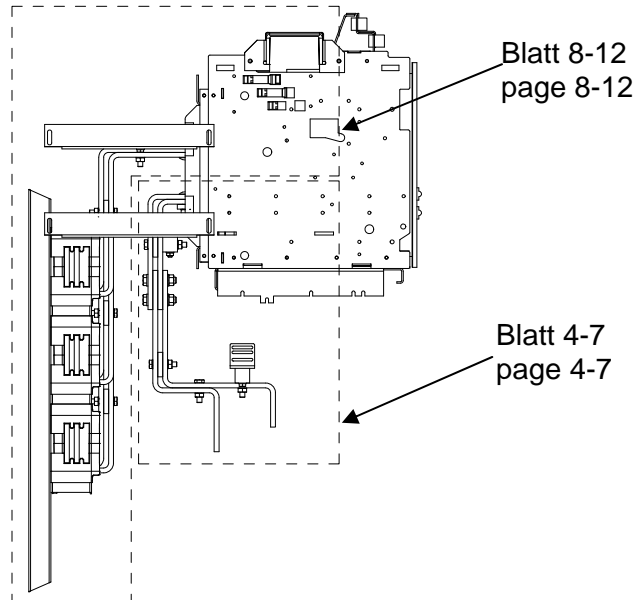
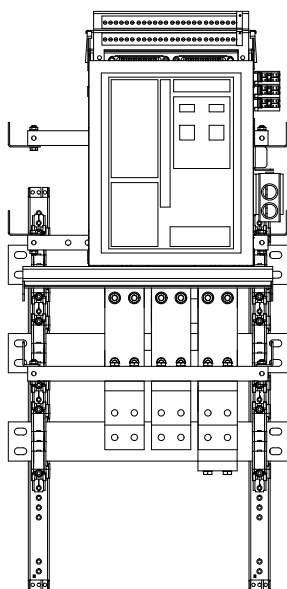
4-polig / 4-pole



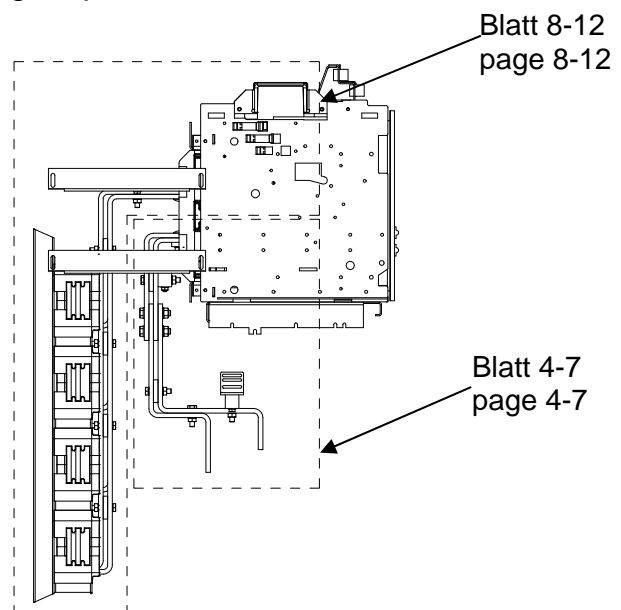
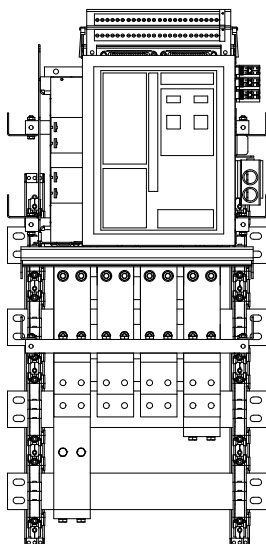
Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800  
**incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800**  
 Anschluss Schalter - Gesamtansicht / switch connection - overview

Pos. no.	Benennung name	Beschreibung specification	Montagematerial/Zubehör Installation material/ comonents
1	Hauptsammelschiene main busbar		
2	Abgangssammelschiene outgoing busbar	2x80x10 mm	Blatt 8-12 Page 8-12
3	Eingangssammelschiene incoming busbar	2x80x10 mm	Blatt 4-7 Page 4-7
4	Sammelschienenverbindung busbar connection		Blatt 8-12 Page 8-12

3-polig / 3-pole

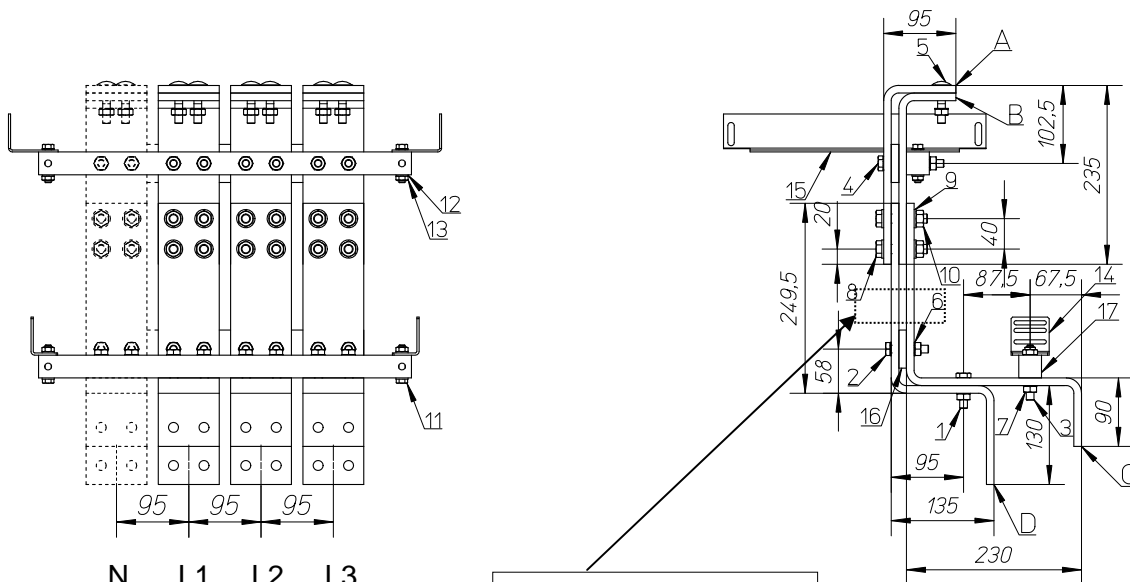


4-polig / 4-pole

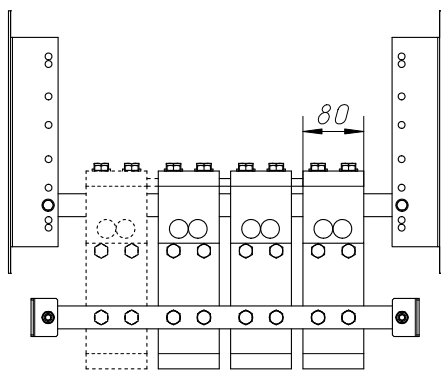


Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A GI.S. T=800  
**incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800**

Eingangsschienenverbindung / incoming connection



Platz für Aufsteck-Stromwandler / space for window type current transformer



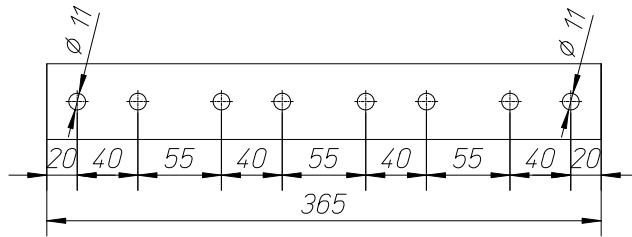
**Kupfer / copper 80mm x 10mm**  
**Gestreckte Längen\* / flat length\***

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	313,4mm	313,4mm	313,4mm	313,4mm
B	283,4mm	283,4mm	283,4mm	283,4mm
C	526,3mm	526,3mm	526,3mm	526,3mm
D	481,3mm	481,3mm	481,3mm	481,3mm

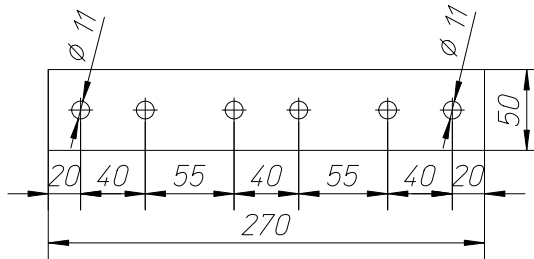
\*Radius R10

Biegever Kürzung / correction factor: +3,4mm

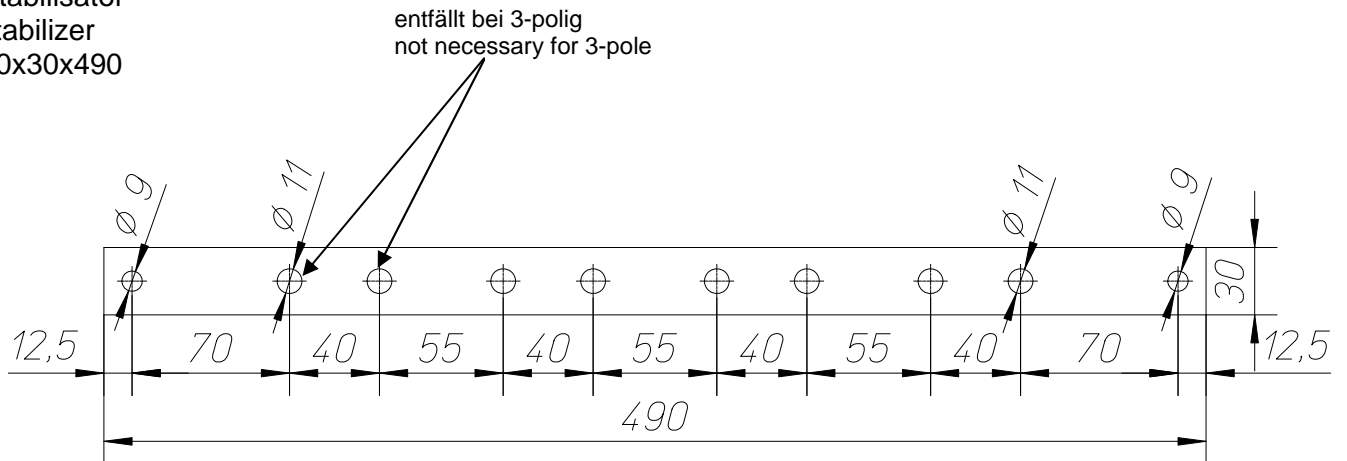
Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800  
**incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800**  
Eingangsschienenverbindung / incoming connection



**Pos. / No. 16**  
Stabilisator  
stabilizer  
50x10x365 / 270(3P)

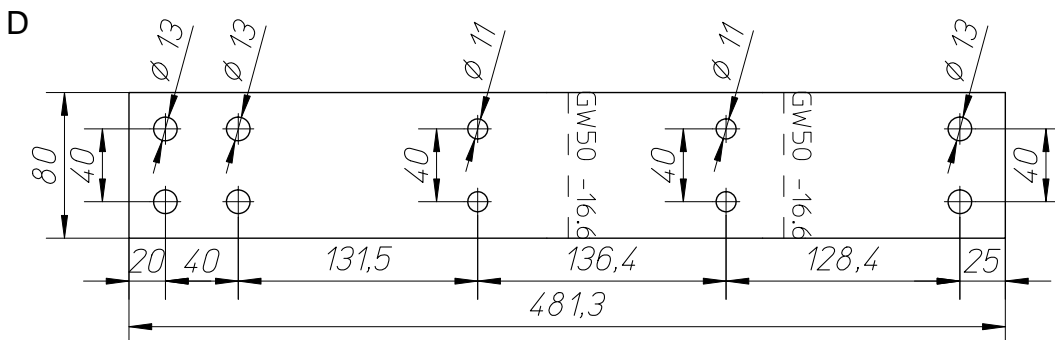
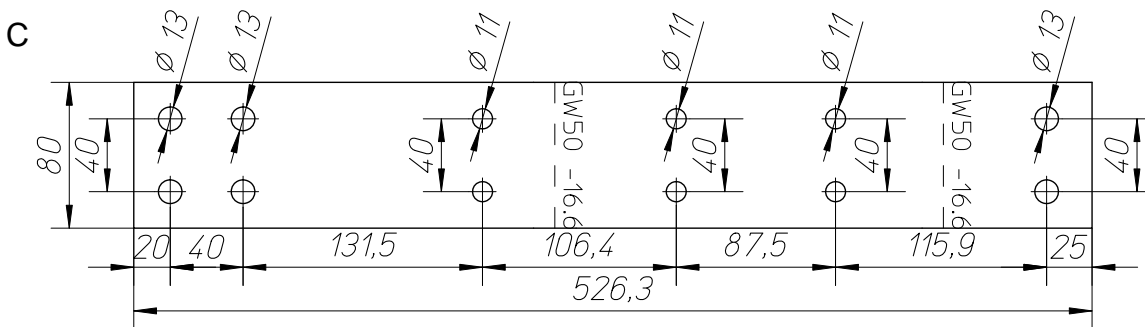
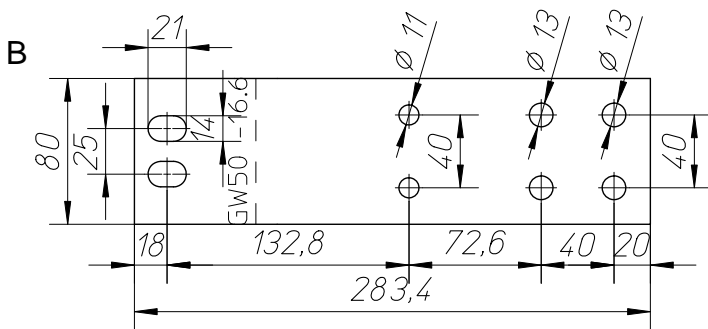
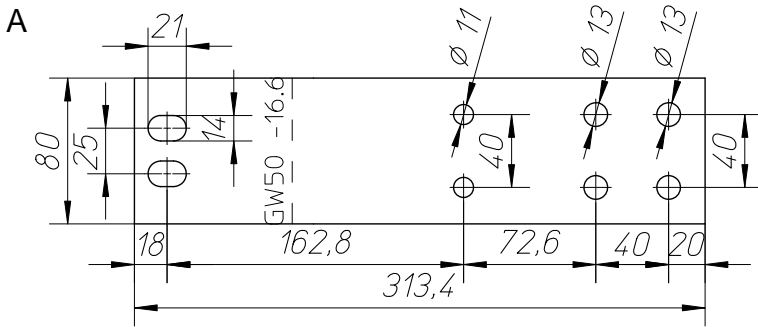


**Pos. / No. 17**  
Stabilisator  
stabilizer  
30x30x490



# Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A GI.S. T=800 incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800

Gestreckte Längen / flat length



Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800  
**incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800**  
Stückliste Eingangsschienenverbindung / parts list incoming connection

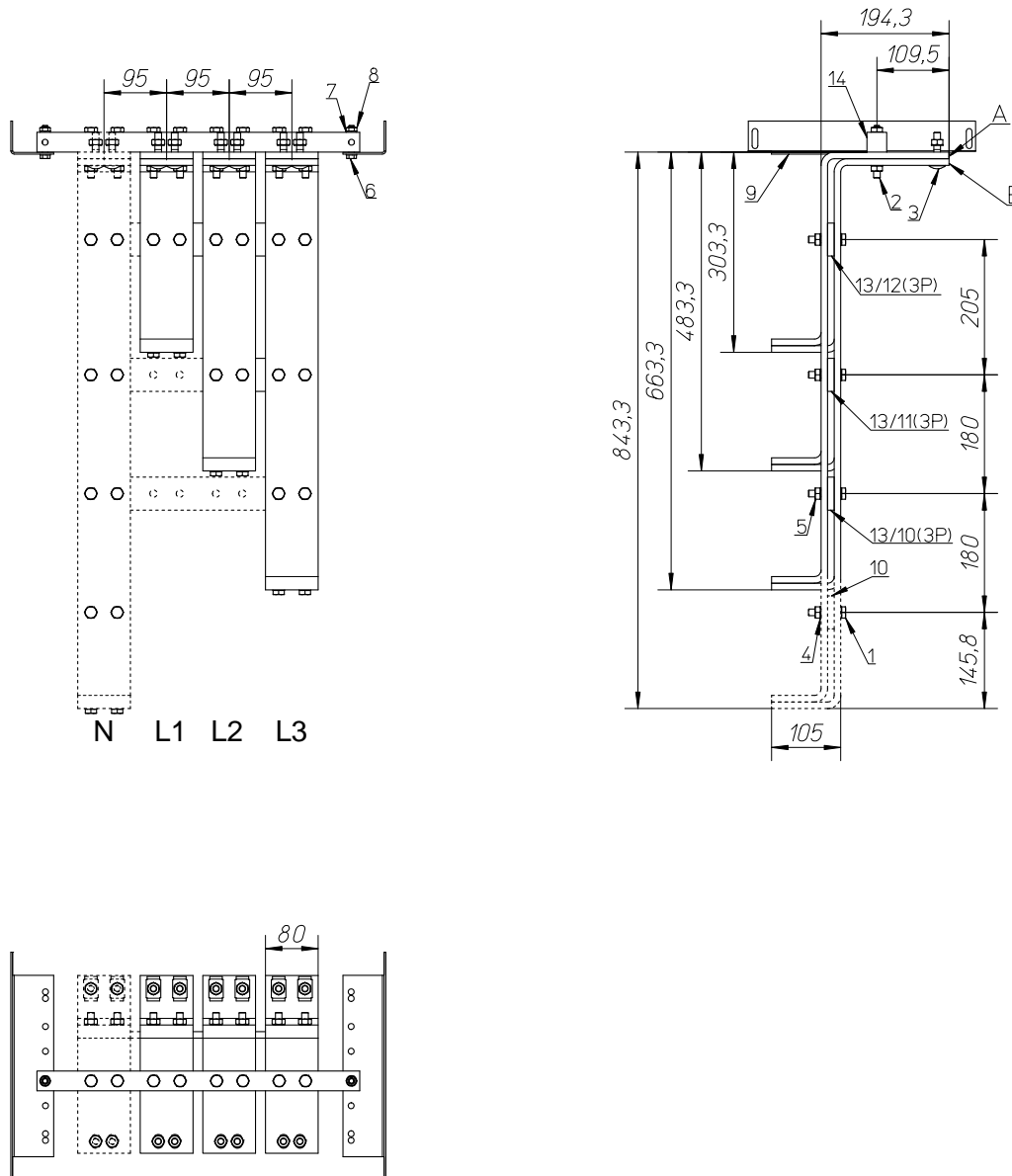
Pos. no.	Menge quantity		Benennung name	Beschreibung specification	Bild picture
	3P	4P			
1	6 Stk/pcs	8 Stk/pcs	Sechskantschraube Hexagon head cap screw	DIN EN 24014 M10 x 40 – 8.8	
2	6 Stk/pcs	8 Stk/pcs	Sechskantschraube Hexagon head cap screw	DIN EN 24014 M10 x 50 – 8.8	
3	6 Stk/pcs	8 Stk/pcs	Sechskantschraube Hexagon head cap screw	DIN EN 24014 M10 x 60 – 8.8	
4	6 Stk/pcs	8 Stk/pcs	Sechskantschraube Hexagon head cap screw	DIN EN 24014 M10 x 80 – 8.8	
5	6 Stk/pcs	8 Stk/pcs	Flachrundschrube mit Vierkantansatz Saucer-head screw with square neck	DIN 603 M10 x 50 – 8.8	
6	54 Stk/pcs	72 Stk/pcs	Spannscheibe Conical spring washer for bolted connections	DIN 6796-10-FST	
7	30 Stk/pcs	40 Stk/pcs	Sechskantmutter Hexagon nut	DIN EN 24032 M10 – 8.8	
8	12 Stk/pcs	16 Stk/pcs	Sechskantschraube Hexagon head cap screw	DIN EN 24014 M12 x 60 – 8.8	
9	24 Stk/pcs	32 Stk/pcs	Spannscheibe Conical spring washer for bolted connections	DIN 6796-12-FST	
10	12 Stk/pcs	16 Stk/pcs	Sechskantmutter Hexagon nut	DIN EN 24032 M12 – 8.8	
11	4 Stk/pcs	4 Stk/pcs	Sechskantschraube Hexagon head cap screw	DIN EN 24014 M8 x 45 – 8.8	
12	8 Stk/pcs	8 Stk/pcs	Spannscheibe Conical spring washer for bolted connections	DIN 6796-8-FST	
13	4 Stk/pcs	4 Stk/pcs	Sechskantmutter Hexagon nut	DIN EN 24032 M8 – 8.8	
14	2 Stk/pcs	2 Stk/pcs	Befestigungswinkel Fixing Bracket	XNBW-G BI 3,0 DIN59232 ST 02 Z275	
15	2 Stk/pcs	2 Stk/pcs	Befestigungswinkel groß Fixing Bracket	XNBW-E08 BI 3,0 DIN59232 ST 02 Z275	
16	2 Stk/pcs	2 Stk/pcs	Stabilisator 50x10x365 / 270(3P) stabilizer 50x10x365 / 270(3P)	HM2471 DIN7735	
17	2 Stk/pcs	2 Stk/pcs	Stabilisator 30x30x490 Stabilizer 30x30x490	HM2471 DIN7735	

**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

Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800  
incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800

Abgangsschienenverbindung / outgoing connection



Kupfer / copper 80mm x 10mm Gestreckte Längen* / flat length*				
Schiene busbar	Gestreckte Länge N flat length N Tiefe / depth	Gestreckte Länge L1 flat length L1 Tiefe / depth	Gestreckte Länge L2 flat length L2 Tiefe / depth	Gestreckte Länge L3 flat length L3 Tiefe / depth
	800	800	800	800
A	1079,4mm	539,4mm	719,4mm	899,4mm
B	1079,4mm	539,4mm	719,4mm	899,4mm

\*Radius R10

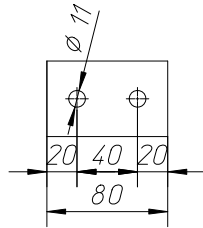
Biegeverkürzung / correction factor: +3,4mm



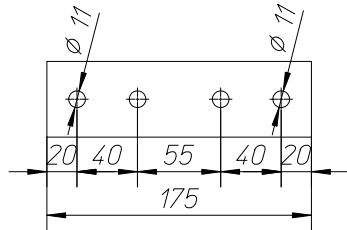
Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800  
**incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800**

Abgangsschienenverbindung / outgoing connection

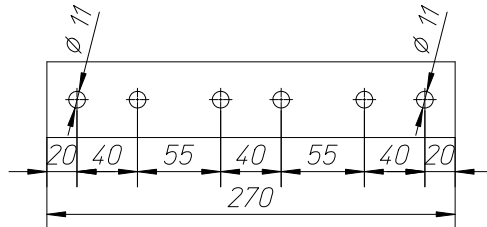
**Pos. / No. 10**  
Stabilisator  
stabilizer  
50x10x80



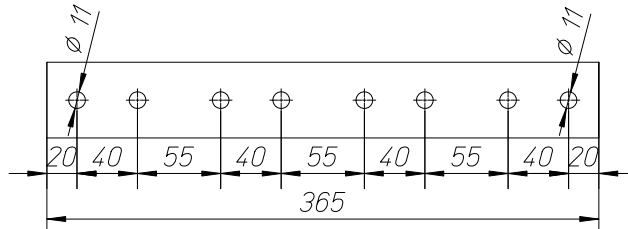
**Pos. / No. 11**  
Stabilisator  
stabilizer  
50x10x175



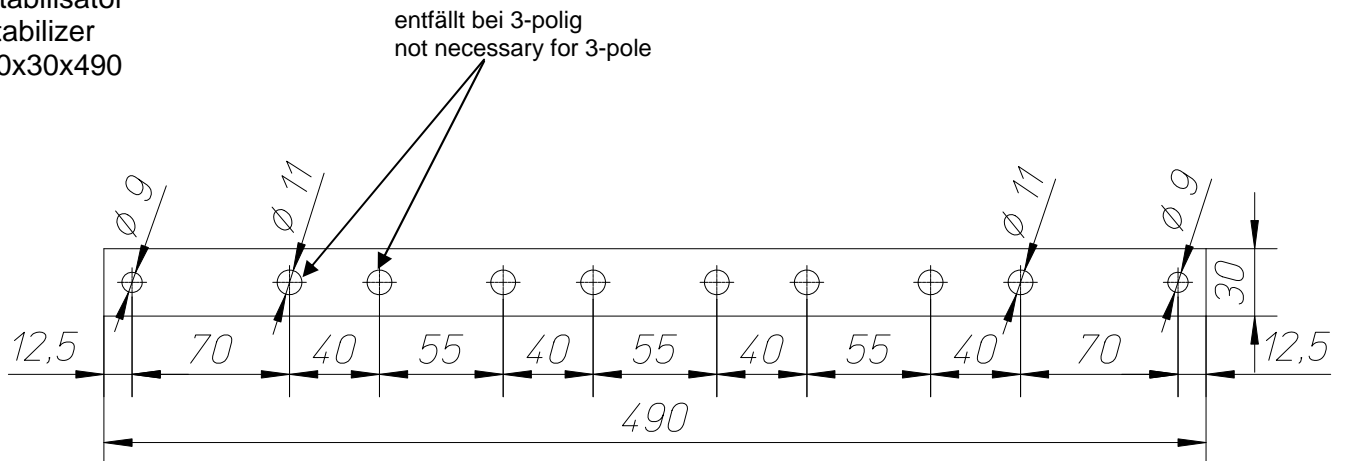
**Pos. / No. 12**  
Stabilisator  
stabilizer  
50x10x270



**Pos. / No. 13**  
Stabilisator  
stabilizer  
50x10x365



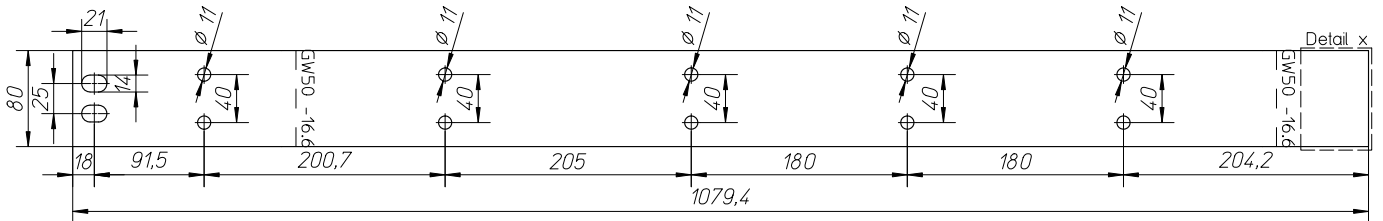
**Pos. / No. 14**  
Stabilisator  
stabilizer  
30x30x490



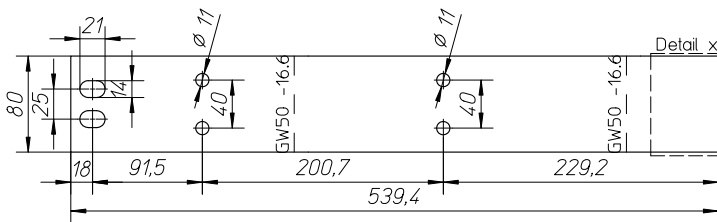
# Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800 incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800

Gestreckte Längen / flat length

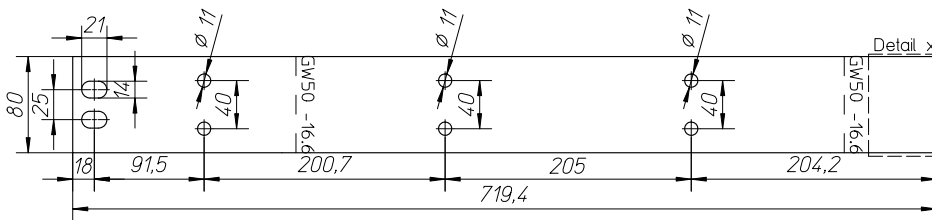
A:  
N:



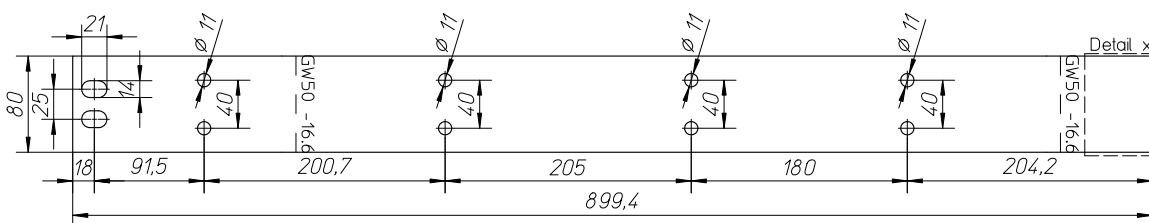
L1



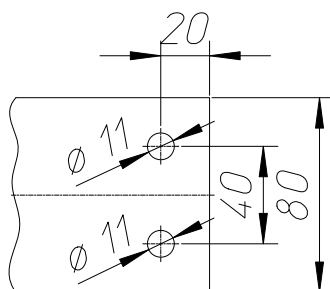
L2



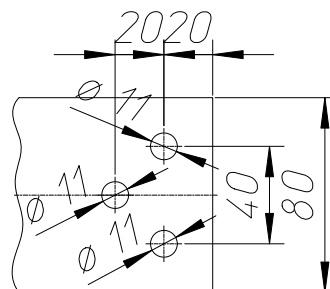
L3



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

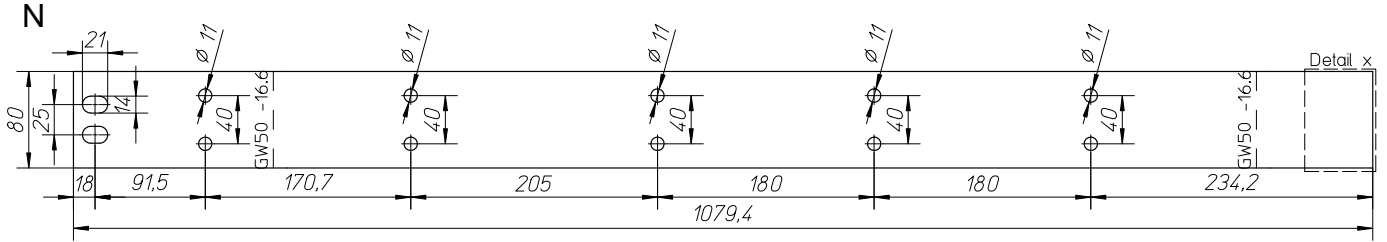


Detail  
HSS mit 3 Cu-Schienen  
Main busbar with 3 Cu-bars

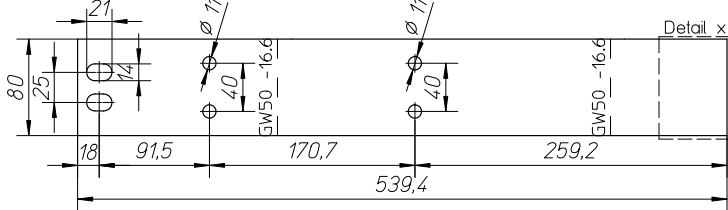


# Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800 incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800

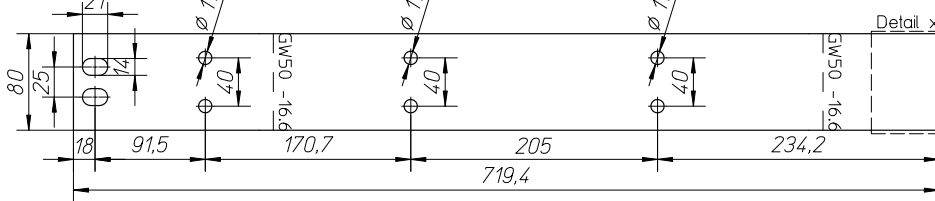
**B:**



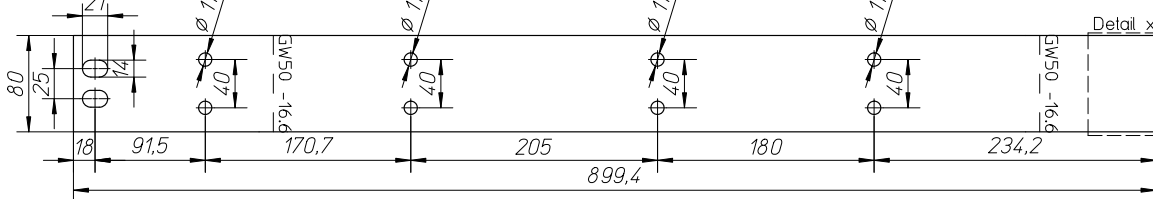
**L1**



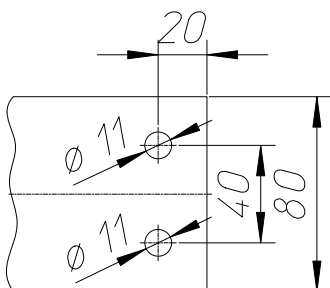
**L2**



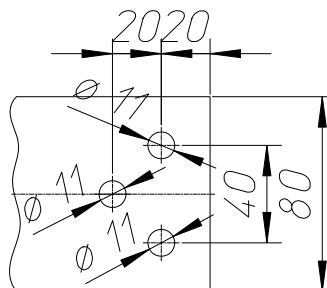
**L3**



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



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



**Einspeise-, Abgangsfeld IZM20 Ausfahreinheit 2000A Gl.S. T=800**  
**incoming-, outgoing unit IZM20 withdrawable 2000A EVEN D=800**  
**Stückliste Abgangsschienenverbindung / parts list outgoing connection**

Pos. no.	Menge quantity Tiefe / depth 800		Benennung name	Beschreibung specification	Bild picture
	3P	4P			
1	12 Stk/pcs	20 Stk/pcs	Sechskantschraube Hexagon head cap screw	DIN EN 24014 M10 x 50 – 8.8	
2	6 Stk/pcs	8 Stk/pcs	Sechskantschraube Hexagon head cap screw	DIN EN 24014 M10 x 70 – 8.8	
3	6 Stk/pcs	8 Stk/pcs	Flachrundschrube mit Vierkantansatz Saucer-head screw with square neck	DIN 603 M10 x 50 – 8.8	
4	42 Stk/pcs	64 Stk/pcs	Spannscheibe Conical spring washer for bolted connections	DIN 6796-10-FST	
5	24 Stk/pcs	36 Stk/pcs	Sechskantmutter Hexagon nut	DIN EN 24032 M10 – 8.8	
6	2 Stk/pcs	2 Stk/pcs	Sechskantschraube Hexagon head cap screw	DIN EN 24014 M8 x 45 – 8.8	
7	4 Stk/pcs	4 Stk/pcs	Spannscheibe Conical spring washer for bolted connections	DIN 6796-8-FST	
8	2 Stk/pcs	2 Stk/pcs	Sechskantmutter Hexagon nut	DIN EN 24032 M8 – 8.8	
9	2 Stk/pcs	2 Stk/pcs	Befestigungswinkel groß Fixing Bracket	XNBW-E08 BI 3,0 DIN59232 ST 02 Z275	
10	1 Stk/pcs	1 Stk/pcs	Stabilisator 50x10x80 stabilizer 50x10x80	HM2471 DIN7735	
11	1 Stk/pcs	-	Stabilisator 50x10x175 stabilizer 50x10x175	HM2471 DIN7735	
12	1 Stk/pcs	-	Stabilisator 50x10x270 stabilizer 50x10x270	HM2471 DIN7735	
13	-	3 Stk/pcs	Stabilisator 50x10x365 stabilizer 50x10x365	HM2471 DIN7735	
14	1 Stk/pcs	1 Stk/pcs	Stabilisator 30x30x490 Stabilizer 30x30x490	HM2471 DIN7735	

**Anzugsdrehmomente / stud torque**

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