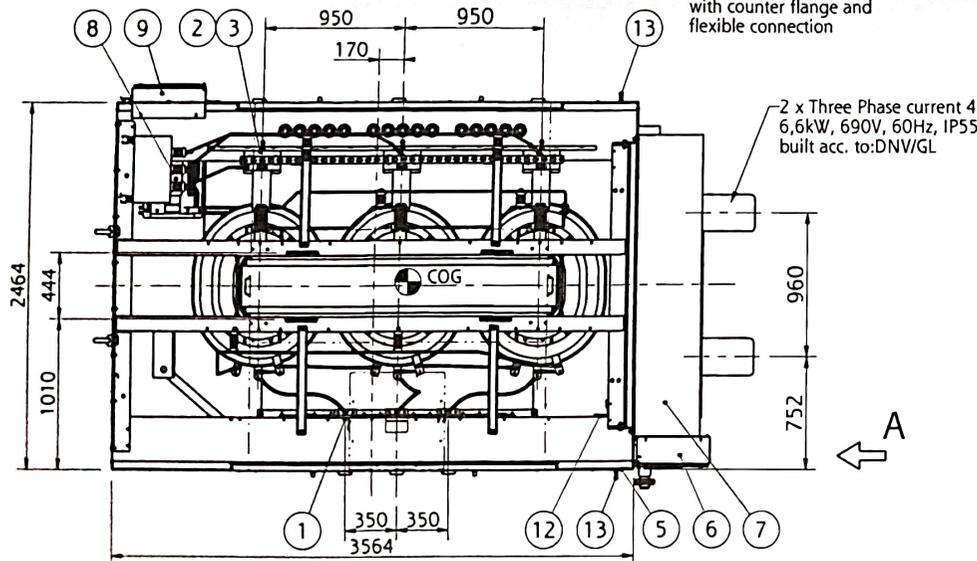
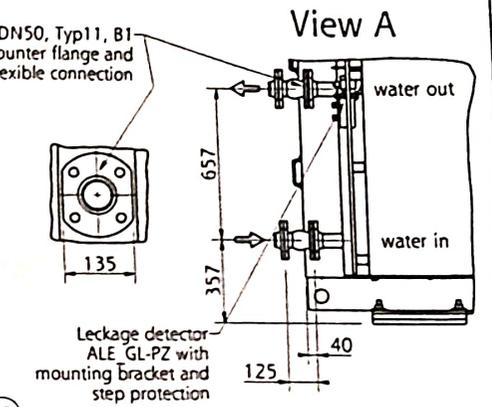
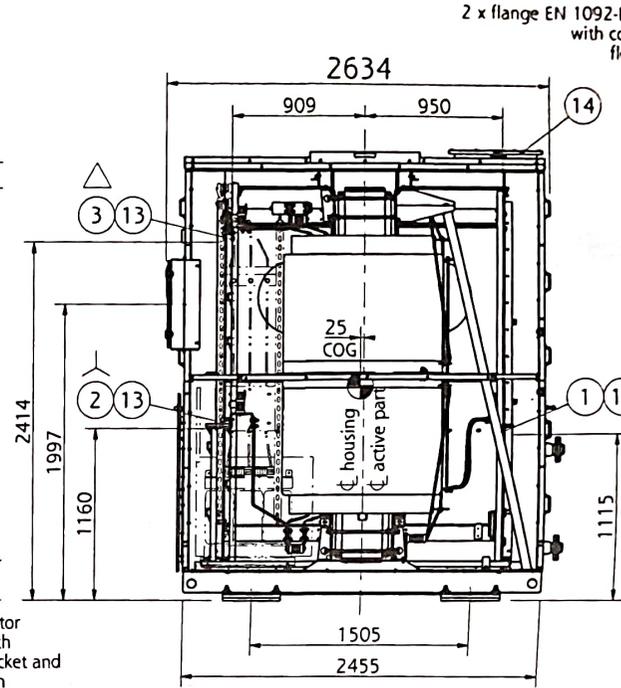
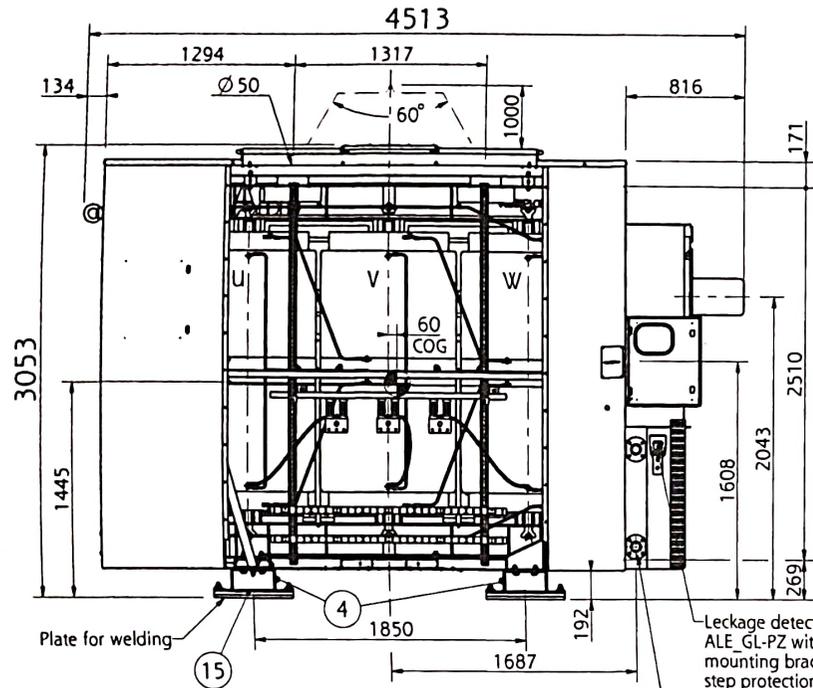


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1	HV connection / OS Anschluss
2	LV connection / US Anschluss
3	LV connection / US Anschluss $\Delta$
4	Earthing M12 / Erdung M12
5	Rating plate / Leistungsschild
6	Terminal box AK1 / Klemmenkasten -?? x cable gland M??x1,5 MS $\varnothing$ ??? -?? x cable gland M??x1,5 MS $\varnothing$ ???
7	Air water cooler / Luft-Wasserkühler
8	Pre-mag transformer / Vormag. trafo with vacuum contactor
9	Terminal box for pre-mag AK2 / Klemmenkasten -?? x cable gland M??x1,5 MS $\varnothing$ ??? -?? x cable gland M??x1,5 MS $\varnothing$ ???
10	Cable support / Kabelhalter
11	Earthingbar for cablescreen / Erdungsplatte
12	Heater / Heizung
13	Ball pin / Kugelbolzen
14	Pressure release device / Druckentlastungsklappe
15	Antivibration pad / Schwingungsdämpfer
16	IR window / IR Fenster

3-Phase Dry-Type Transformer / 3-Phasen Trockentransformator	
Type / Typ RESIBLOC	
Rated power / Leistung	[kVA] 11000 // 5500 / 5500
Rated voltage HV / Spannung OS	[V] 11000 -
Rated voltage LV / Spannung US	[V] 1682 - 1678
Vector group / Schaltgruppe	D(+7,5°)yn11d0
Protection mode / Schutzart	IP44
Frequency / Frequenz	[Hz] 60
Insulation class / Isol.Klasse	F
Total weight / Gesamtgewicht	[kg] 15300

1	Vane switch removed	T.Schellnack	-	-	08.03.2018
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Drafted by T. Schellnack Date 21.03.2017	Responsible department BT	Title General Arrangement Drawing Massbild	Revision 1	approved Date 08.03.2018
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Project: BN 125 Global 1  
MV Werften Wismar  
TAG number: TRF-P1 / 865.037.001 Propulsion Trnsformer 1  
TRF-P5 / 865.037.005 Propulsion Trnsformer 5  
Project number: CVX-006256

Tolerances:  $\pm 35$  mm HV and LV connections  
General Tolerances: acc. DIN ISO 2768-c

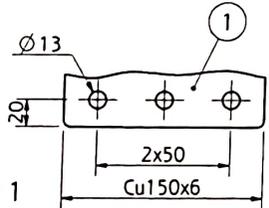
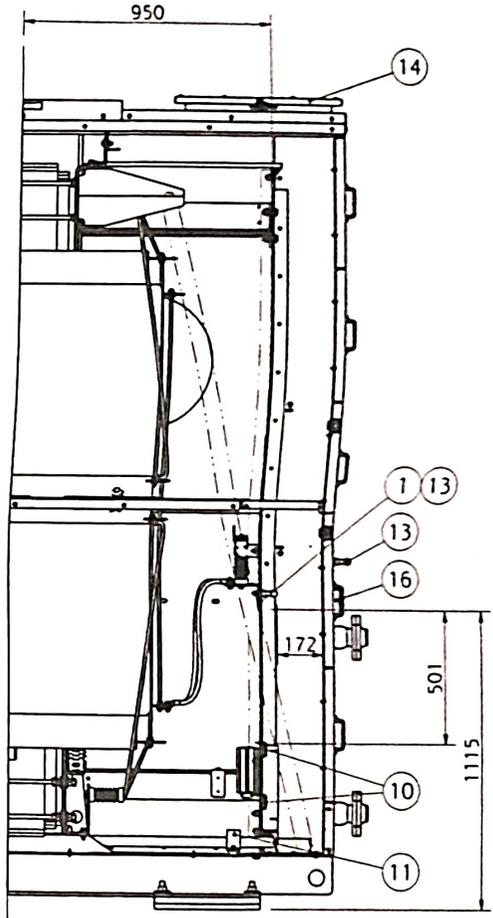
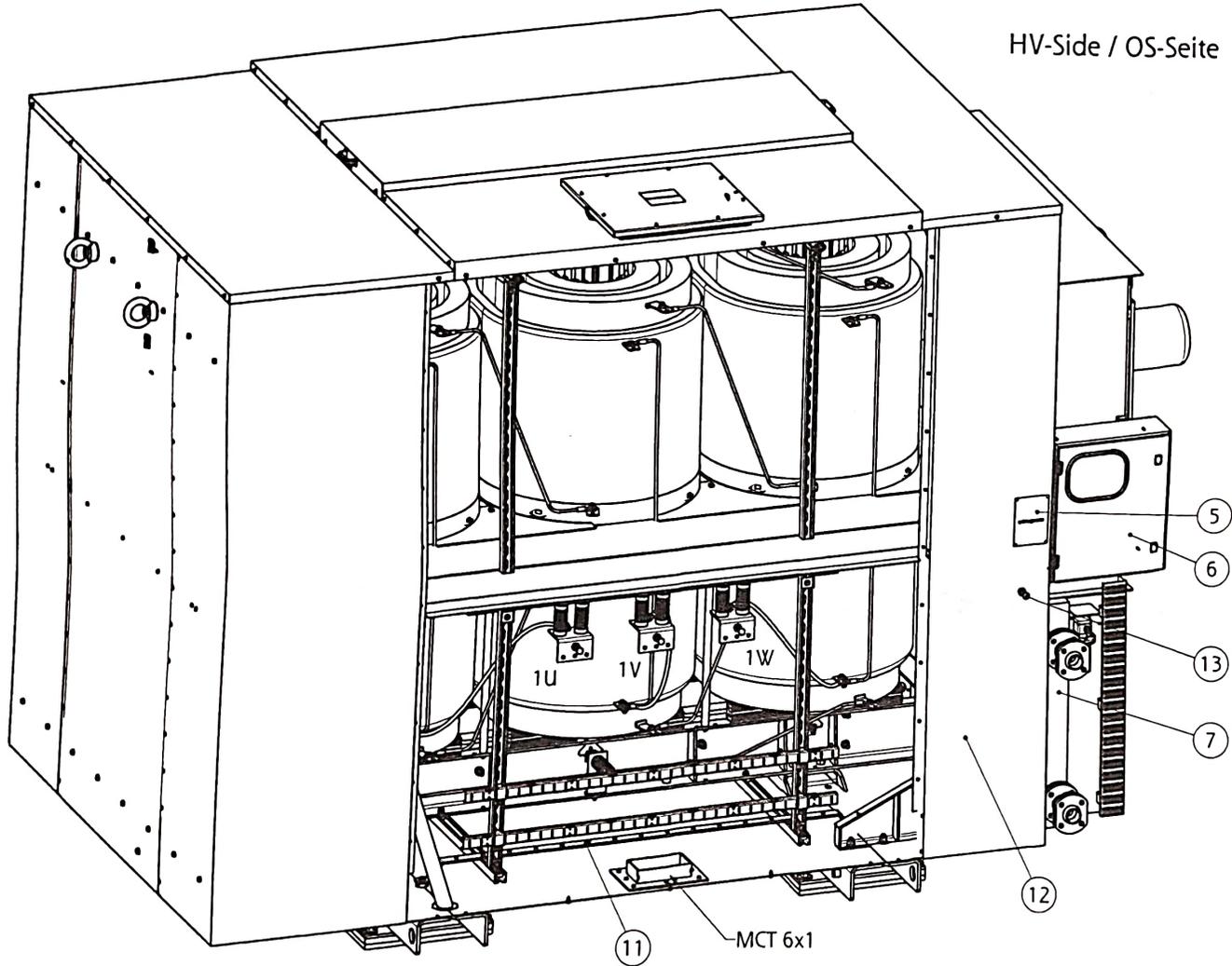
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Language en  
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HV-Side / OS-Seite



Project: BN 125 Global 1  
 MV Werften Wismar  
 TAG number: TRF-P1 / 865.037.001 Propulsion Trnsformer 1  
 TRF-P5 / 865.037.005 Propulsion Trnsformer 5  
 Project number: CVX-006256

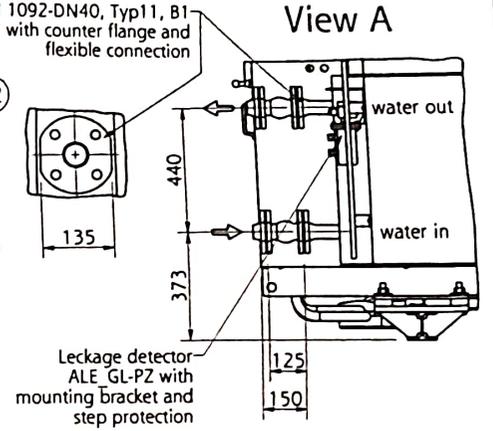
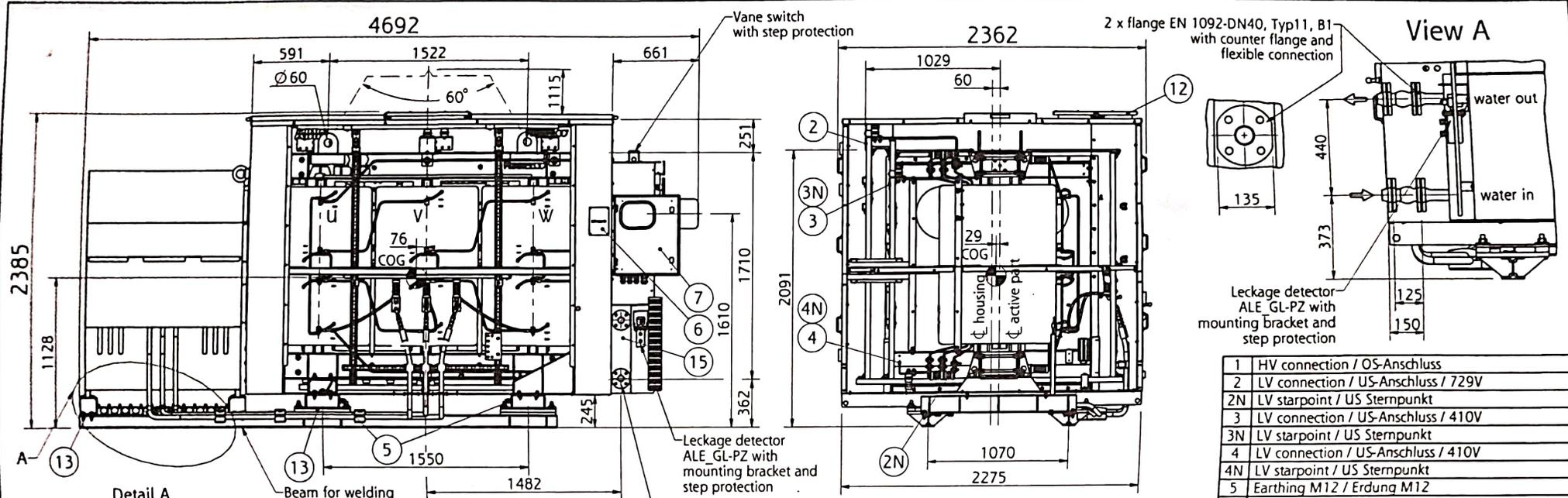
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1	Vane switch removed	T.Schellnack	-	08.03.2018
Revised	Revision	drafted	reviewed	approved
Drafted by	Date	Responsible department	Title	The Order number: 14220171047 The name: MASSBILD DWG
T. Schellnack	21.03.2017	BT	General Arrangement Drawing	
Design reviewed by	Date	Massbild		
H. Ruf	-	Document No.	14220171047MB	
Approved for prod. by	Date			Language en
-	-			Sheet 3/4

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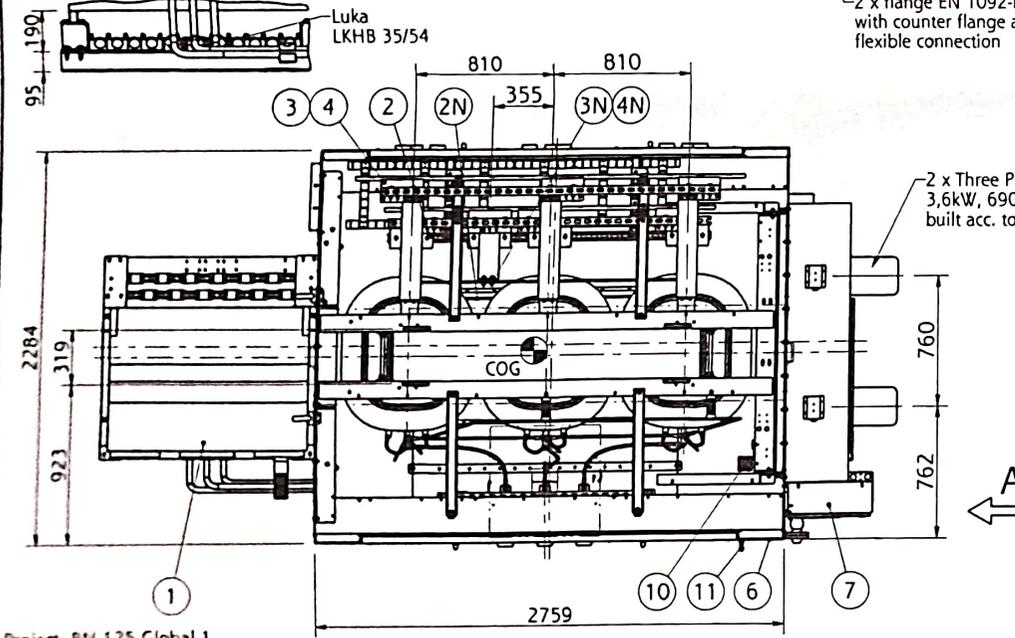
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1	HV connection / OS-Anschluss
2	LV connection / US-Anschluss / 729V
2N	LV starpoint / US Sternpunkt
3	LV connection / US-Anschluss / 410V
3N	LV starpoint / US Sternpunkt
4	LV connection / US-Anschluss / 410V
4N	LV starpoint / US Sternpunkt
5	Earthing M12 / Erdung M12
6	Rating plate / Leistungsschild
7	Terminal box AK1 / Klemmenkasten -3 x cable gland WEID.E1WF-M25A (Ø 17.5-22mm) -1 x cable gland WEID.E1WF-M32A (Ø 22-28mm)
8	Cable support / Kabelhalter
9	Earthingbar for cablescreen / Erdungsplatte
10	Heater / Heizung
11	Ball pin / Kugelbolzen
12	Pressure release device / Druckentlastungsklappe
13	Antivibration pad / Schwingungsdämpfer
14	IR window / IR Fenster
15	Air water cooler / Luft-Wasserkühler



3-Phase Dry-Type Transformer / 3-Phasen Trockentransformator	
Type / Typ RESIBLOC	
Rated power / Leistung	[kVA] 4200// 1300 / 1300 / 1600
Rated voltage HV / Spannung OS	[V] 11000 ± 2x2.5%
Rated voltage LV / Spannung US	[V] 729 / 410 / 410
Vector group / Schaltgruppe	Dyn11yn11yn11
Protection mode / Schutzart	IP44
Frequency / Frequenz	[Hz] 60
Insulation class / Isol.Klasse	F
Total weight / Gesamtgewicht	[kg] 8600

5	Cable clamp and cable support added	T.Schellnack	-	-	17.09.2018
4	Cable glands added, Final design	H. Ruf	-	-	03.07.2018
3	Dimension added	T.Schellnack	-	-	18.04.2018

Revised		Revision		drafted	reviewed	approved	Date
Drafted by	T. Schellnack	Date	31.03.2017	Responsible department	BT	Title	General Arrangement Drawing
Design reviewed by	U. Frigger	Date					Massbild
Approved for prod. by		Date					
Document No.							14220171052MB
Language							en
Sheet							1/4

Project: BN 125 Global 1  
 MV Werken Wismar  
 TAG number: TRF1 / 865.028.001 Substation Transformer 1  
 TRF2 / 865.028.002 Substation Transformer 2  
 TRF3 / 865.028.003 Substation Transformer 3  
 TRF4 / 865.028.004 Substation Transformer 4  
 TRF5 / 865.028.005 Substation Transformer 5  
 TRF6 / 865.028.006 Substation Transformer 6  
 Project number: CVX-006256

Tolerances: ±35 mm HV and LV connections  
 General Tolerances: acc. DIN ISO 2768-c

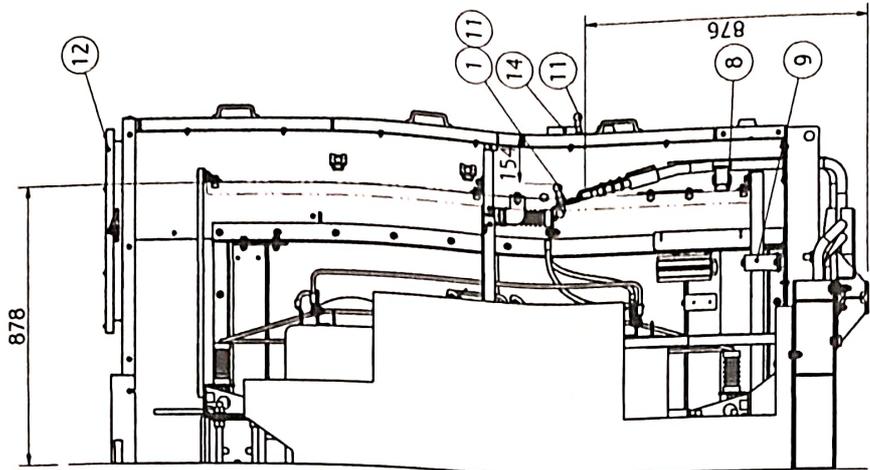
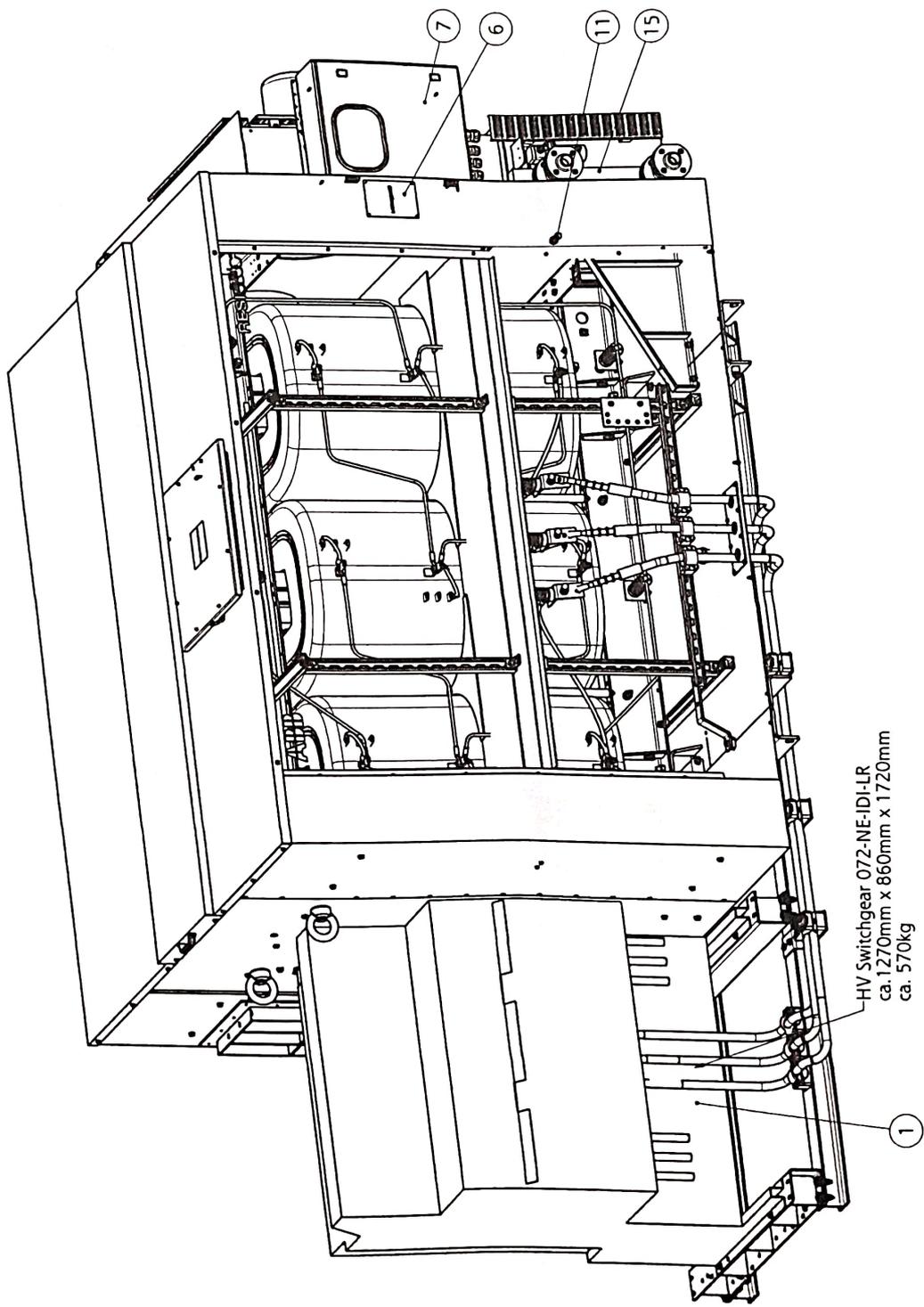
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HV-Side / OS-Seite



Project: BW 125 Global 1  
 MV/Werften Wismar  
 TAG number: TRF1 / 865.028.001 Substation Transformer 1  
 TRF2 / 865.028.002 Substation Transformer 2  
 TRF3 / 865.028.003 Substation Transformer 3  
 TRF4 / 865.028.004 Substation Transformer 4  
 TRF5 / 865.028.005 Substation Transformer 5  
 TRF6 / 865.028.006 Substation Transformer 6  
 Project number: CVX-006256

5	Cable clamp and cable support added	T. Schellnack	-	17.09.2018
4	Cable glands added. Final design	H. Ruf	-	03.07.2018
3	Dimension added	T. Schellnack	-	18.04.2018
Revised	by	date	approved	date
	T. Schellnack	31.03.2017	approved	18.04.2018
Design reviewed by	U. Frigger	date	approved	18.04.2018
Approved for prod. by		date	approved	18.04.2018
Revision		Responsible department	Title	
BT			General Arrangement Drawing	
			Massbild	
ABB ABB AG		Document No.	14220171052MB 3/4	