P100001015 REF_11KW_PFC_SIC_QD

Assembly instructions

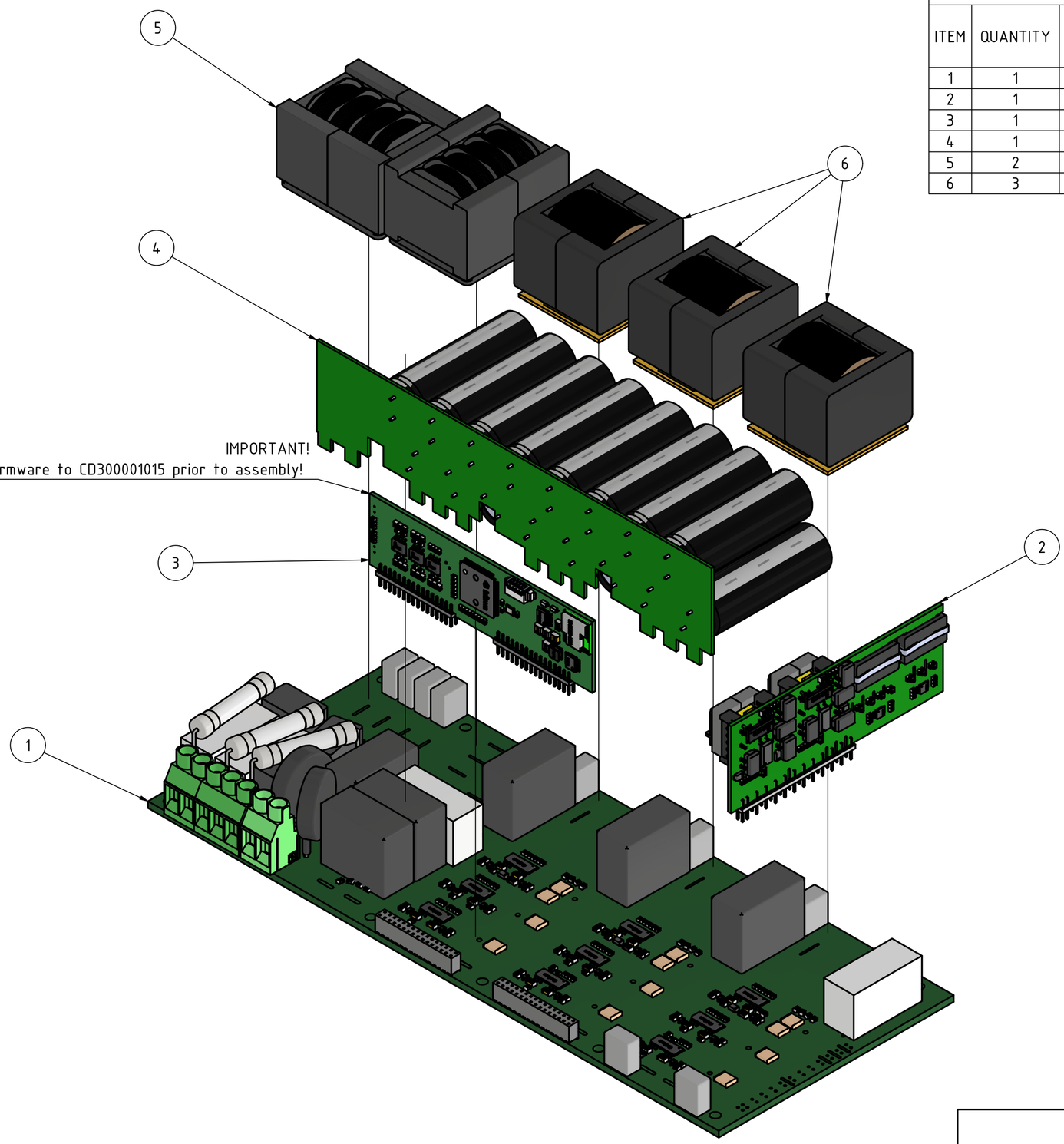
Index:

- Page 2: electronic module assembly
- Page 3: thermal & isolation material assembly
- Page 4: assembly of enclosure

					Datum	Name
				Gezeich	25.09.2025	Wernegger
				Kontroll		
				Norm		
Status	Änderungen	Datum	Name			

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A2

BILL OF COMPONENTS			
ITEM	QUANTITY	DESCRIPTION	DESIGNATOR ON MAINBOARD
1	1	M300001015 main board	N/A
2	1	BS200001015 bias board	X7
3	1	CD300001015 control card	X3+X6
4	1	C200001015 capacitor board	N/A
5	2	MG100001015 common mode choke	L4,L5
6	3	MG200001015 PFC choke	L1,L2,L3

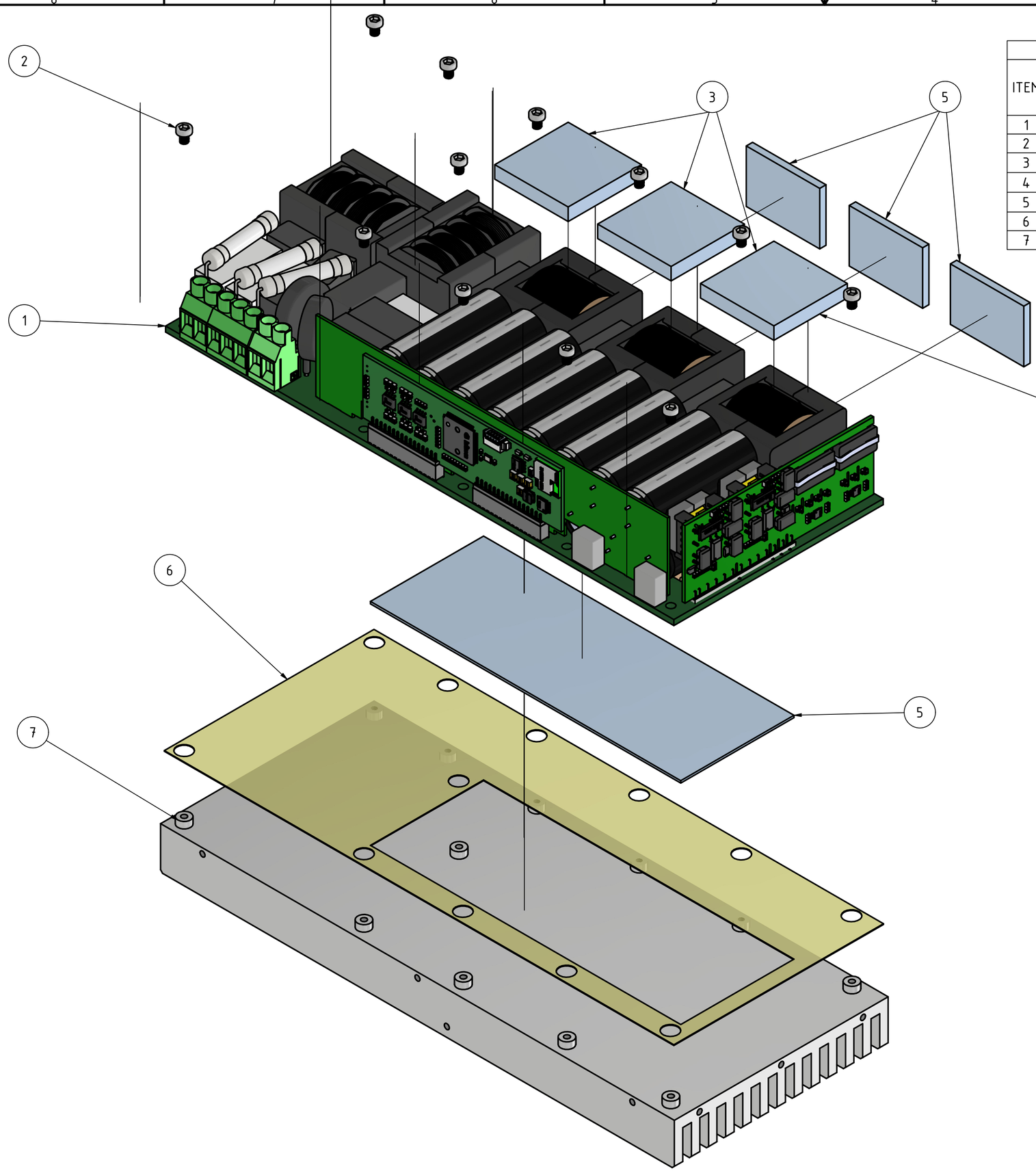


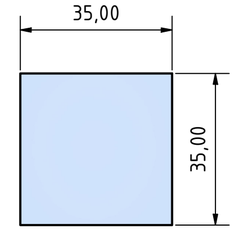
					Datum	Name
				Gezeich	25.09.2025	Wernegger
				Kontroll		
				Norm		
Status	Änderungen	Datum	Name			

P100001015 final assembly2instru

A2

BILL OF COMPONENTS		
ITEM	QUANTITY	DESCRIPTION
1	1	M300001015 main board with daughtercards
2	12	M3x8 cylinder head screw
3	3	TIM300001015 ‖ TP300-H30-S-000 (6mm thickness) thermal interface material
4	3	TIM200001015 ‖ ICT-FSL-BS300-2H-25x35mm-L thermal interface material
5	1	TIM100001015 ‖ ICT-FSL-BS100-2H-54x148mm thermal interface material
6	1	IS100001016 FR4 isolation sheet
7	1	MP100001017 aluminium base plate



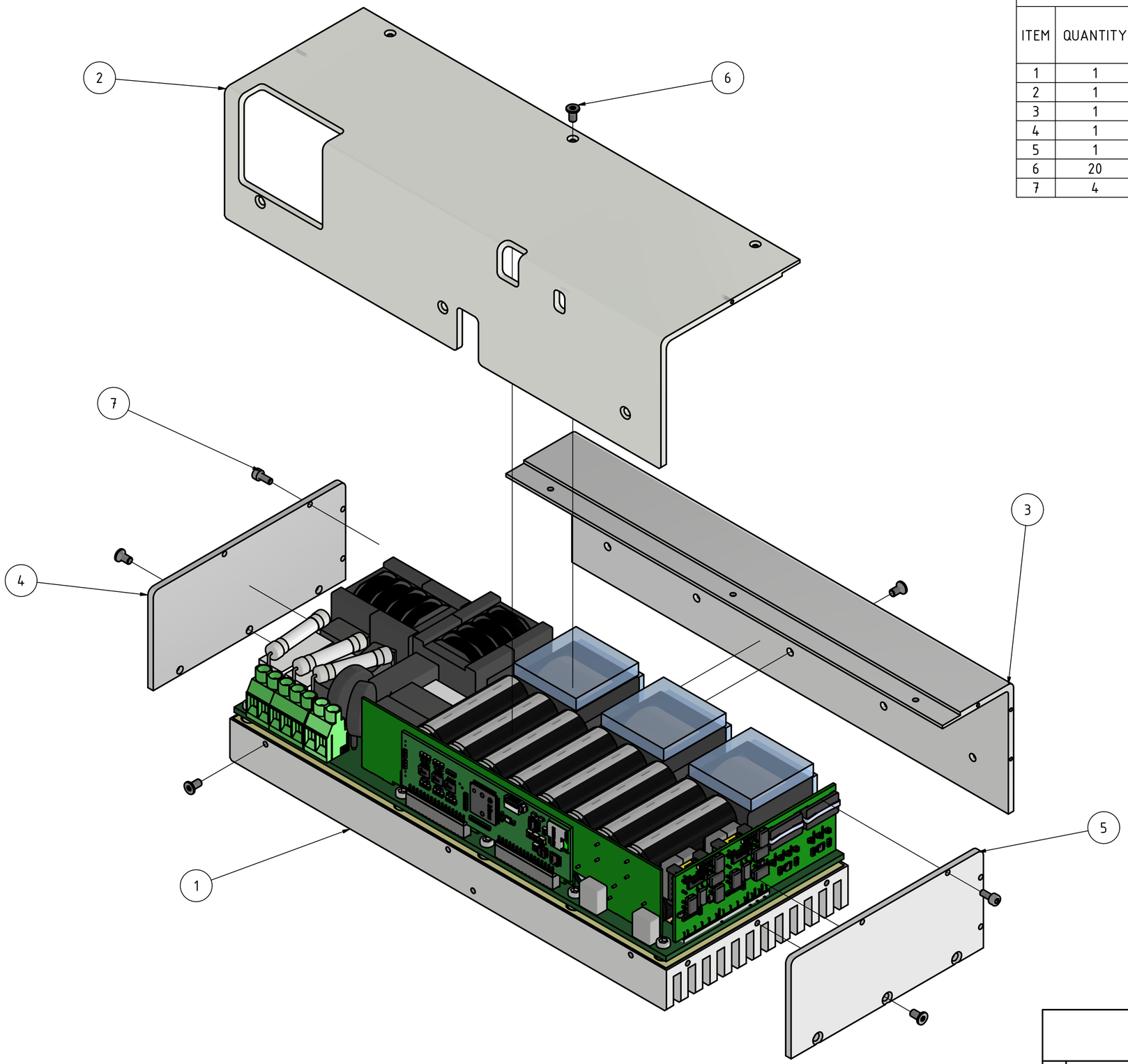


TIM300001015 detail

					Datum	Name
				Gezeich	25.09.2025	Wernegger
				Kontroll		
				Norm		
Status	Änderungen	Datum	Name			

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A2

BILL OF COMPONENTS		
ITEM	QUANTITY	DESCRIPTION
1	1	M300001015 main board on baseplate
2	1	HO100001018 acrylic glass cover
3	1	MP100001018 long side panel
4	1	HO100001017 LHS panel
5	1	HO100001017 RHS panel
6	20	M3x5 flat head countersunk screw
7	4	M2.5x8 cylinder head screw



					Datum	Name
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				Kontroll		
				Norm		
Status	Änderungen	Datum	Name			

P100001015 final assembly instru

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A2