

DECKBLATT ZUM ORIGINAL-DOKUMENT DES HERSTELLERS

15KW | APPLICATION NOTE

HERSTELLER Delta Elektronik BV
PRODUKTSERIE M/S PAR SET Kits A2-A6 für SM70-CP-450

Ihr direkter Ansprechpartner für Delta-Produkte!

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IHR ANSPRECHPARTNER

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**Immer die passende Lösung für Industrie-
Stromversorgungen, Heizfolien & Messtechnik**



SM15K – Master/Slave Assembly Kits

- **M/S PAR SET A2...A6**

M/S PAR Kits SM70-CP-450

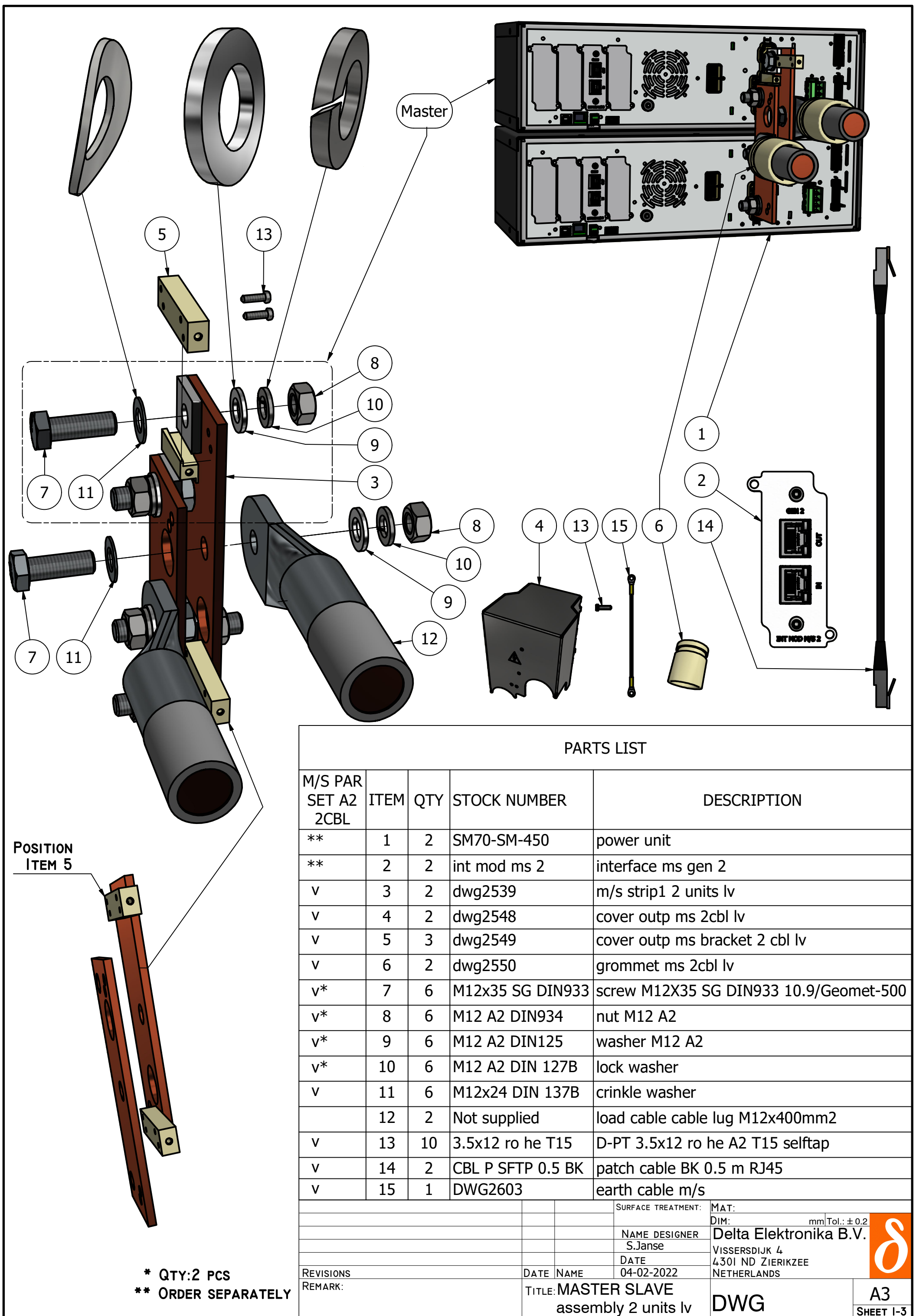
This document is an addition to the SM15K interface manual.
It contains instructions for the connection for Master/Slave set-ups
using the M/S PAR assembly kits.

APPLICATION NOTE

Revision 2022/03

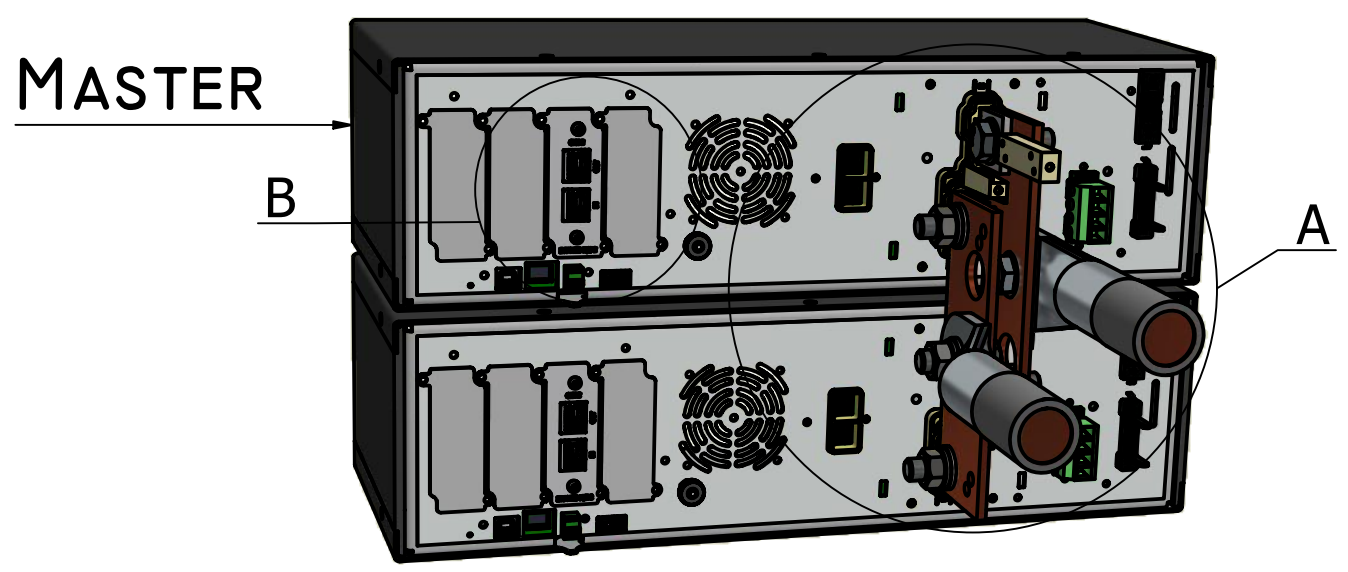
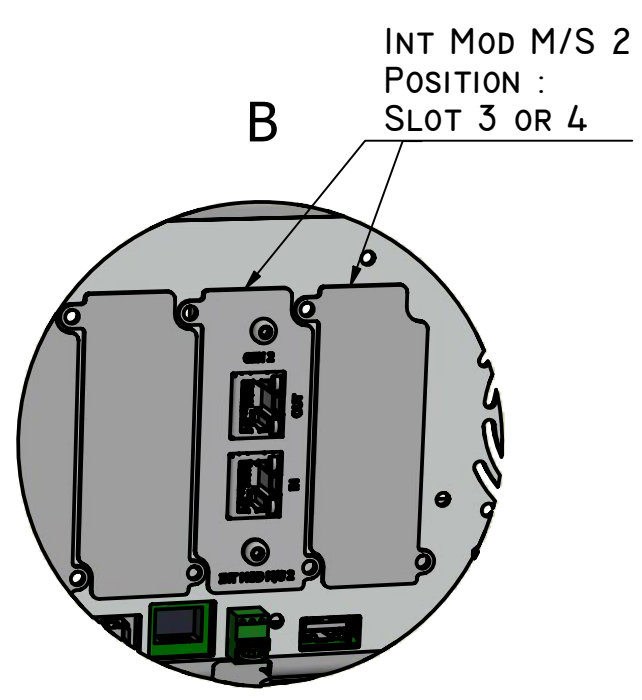
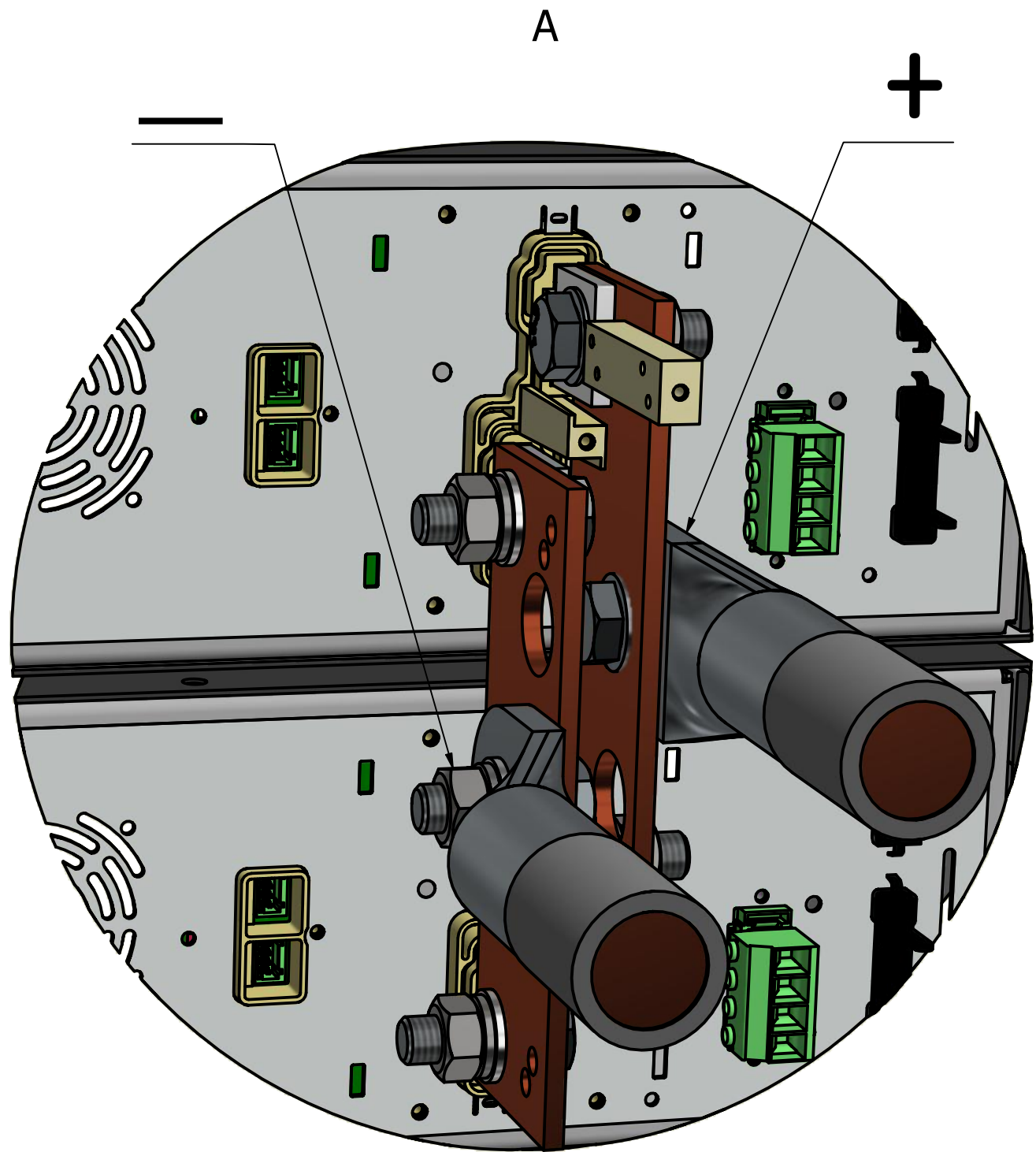
Contents:

- 1 – M/S PAR SET A2 (using 2 cables)
- 2 – M/S PAR SET A2 (using 4 cables)
- 3 – M/S PAR SET A3
- 4 – M/S PAR SET A4
- 5 – M/S PAR SET A5
- 6 – M/S PAR SET A6



PARTS LIST				
M/S PAR SET A2 2CBL	ITEM	QTY	STOCK NUMBER	DESCRIPTION
**	1	2	SM70-SM-450	power unit
**	2	2	int mod ms 2	interface ms gen 2
v	3	2	dwg2539	m/s strip1 2 units lv
v	4	2	dwg2548	cover outp ms 2cbl lv
v	5	3	dwg2549	cover outp ms bracket 2 cbl lv
v	6	2	dwg2550	grommet ms 2cbl lv
v*	7	6	M12x35 SG DIN933	screw M12X35 SG DIN933 10.9/Geomet-500
v*	8	6	M12 A2 DIN934	nut M12 A2
v*	9	6	M12 A2 DIN125	washer M12 A2
v*	10	6	M12 A2 DIN 127B	lock washer
v	11	6	M12x24 DIN 137B	crinkle washer
	12	2	Not supplied	load cable cable lug M12x400mm2
v	13	10	3.5x12 ro he T15	D-PT 3.5x12 ro he A2 T15 selftap
v	14	2	CBL P SFTP 0.5 BK	patch cable BK 0.5 m RJ45
v	15	1	DWG2603	earth cable m/s
			SURFACE TREATMENT:	MAT:
			NAME DESIGNER	Delta Elektronika B.V.
			S.Janse	VISSERSDIJK 4
			DATE	4301 ND ZIERIKZEE
			04-02-2022	NETHERLANDS
REVISIONS			DATE	NAME
REMARK:			TITLE: MASTER SLAVE	
			assembly 2 units lv	
			DWG	
			A3	
			SHEET I-3	

* QTY:2 PCS
** ORDER SEPARATELY

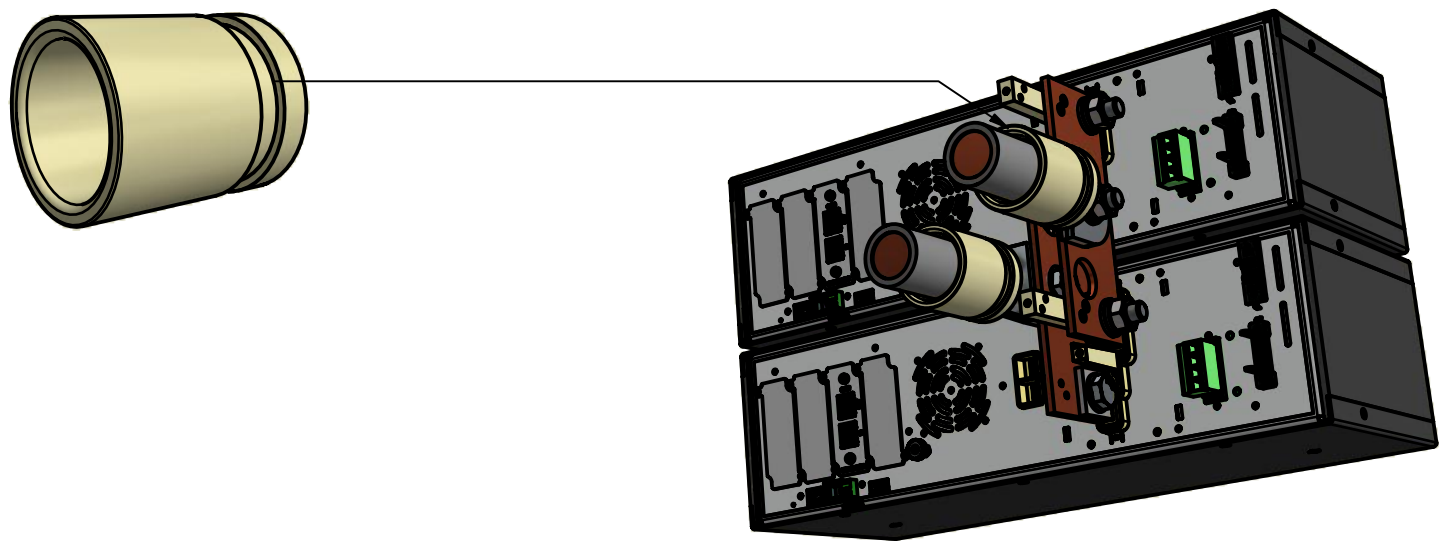


SM70-CP-450 (2x)
OUTPUT CABLE (2x)

SURFACE TREATMENT:				MAT:	
				DIM: mm Tol.: ± 0.2	
NAME DESIGNER				Delta Elektronika B.V.	
S.Janse				VISSERSDIJK 4	
DATE				4301 ND ZIERIKZEE	
04-02-2021				NETHERLANDS	
REVISIONS		DATE	NAME	TITLE: MASTER SLAVE	
REMARK:				assembly 2 units lv	
				DWG	
				A3	
				SHEET 2-3	

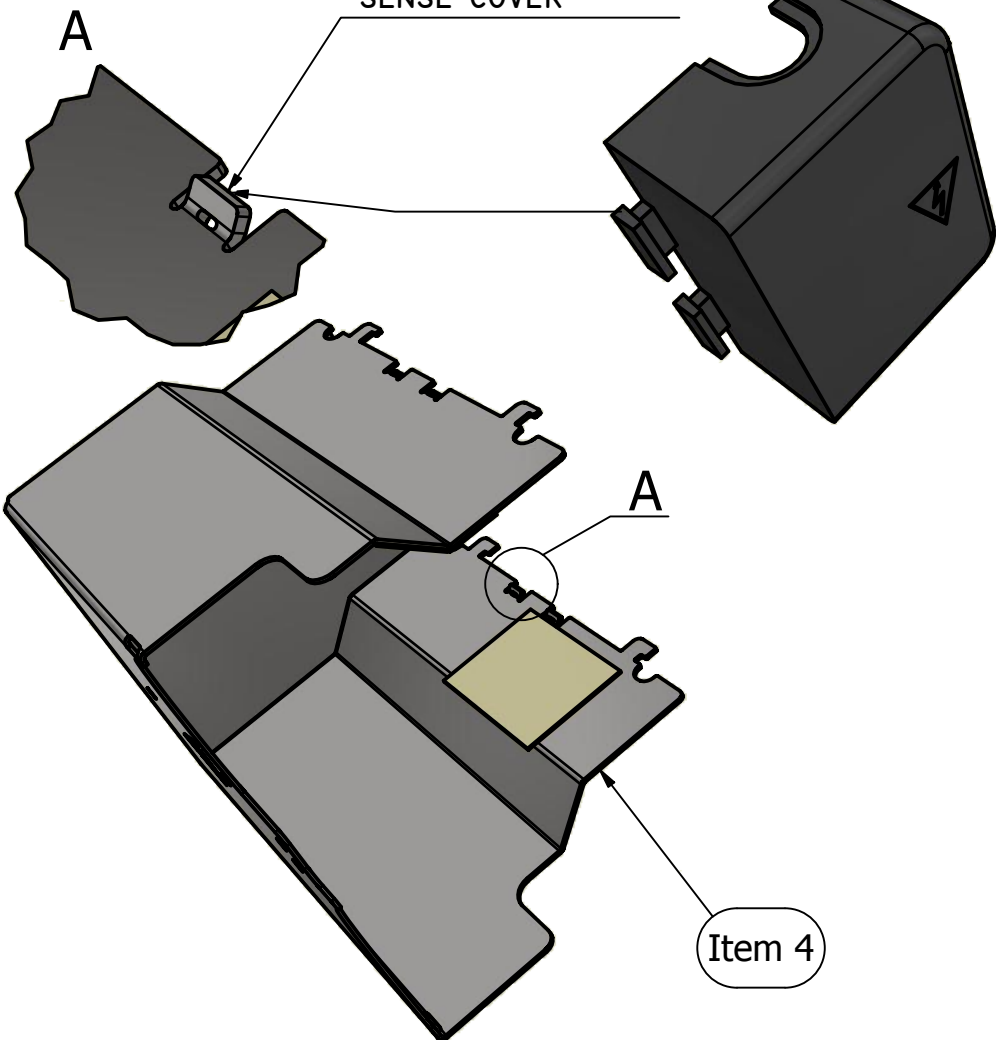


STEP 1 FIT GROMMETS BEFORE ASSEMBLING CABLES

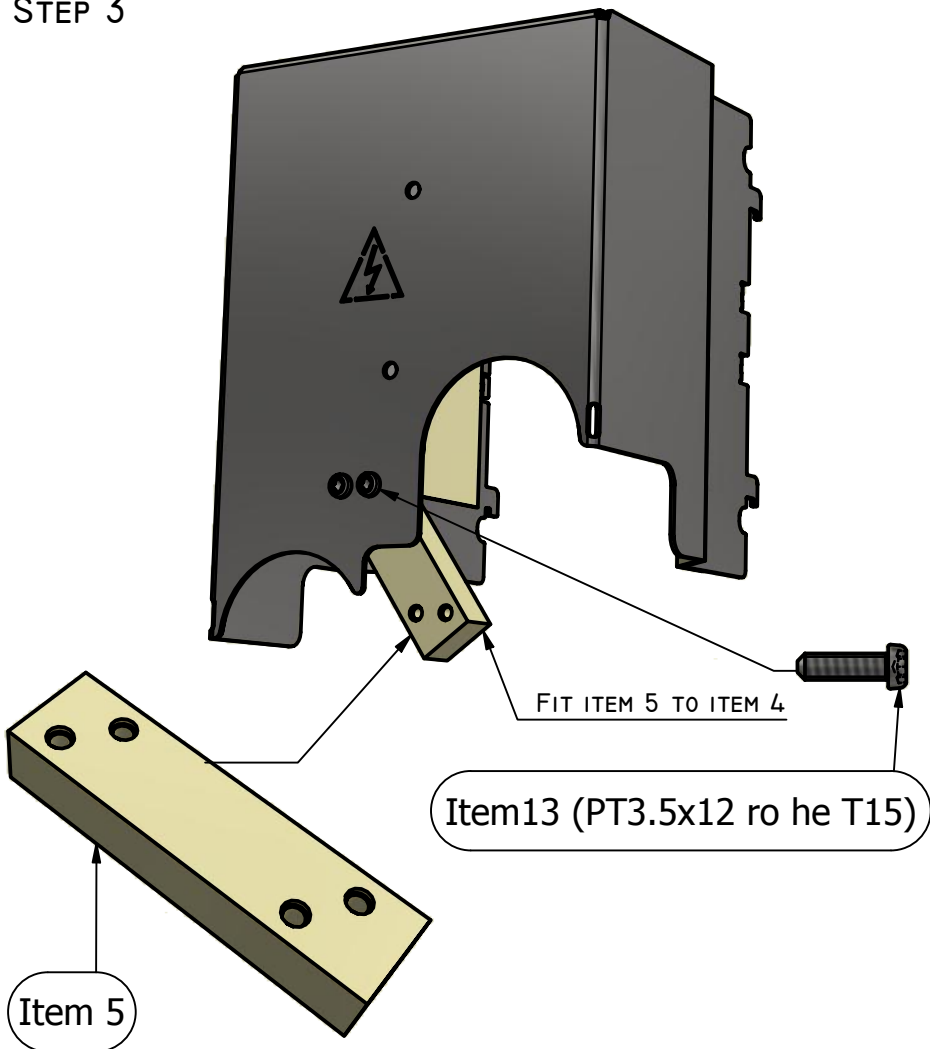


STEP 2

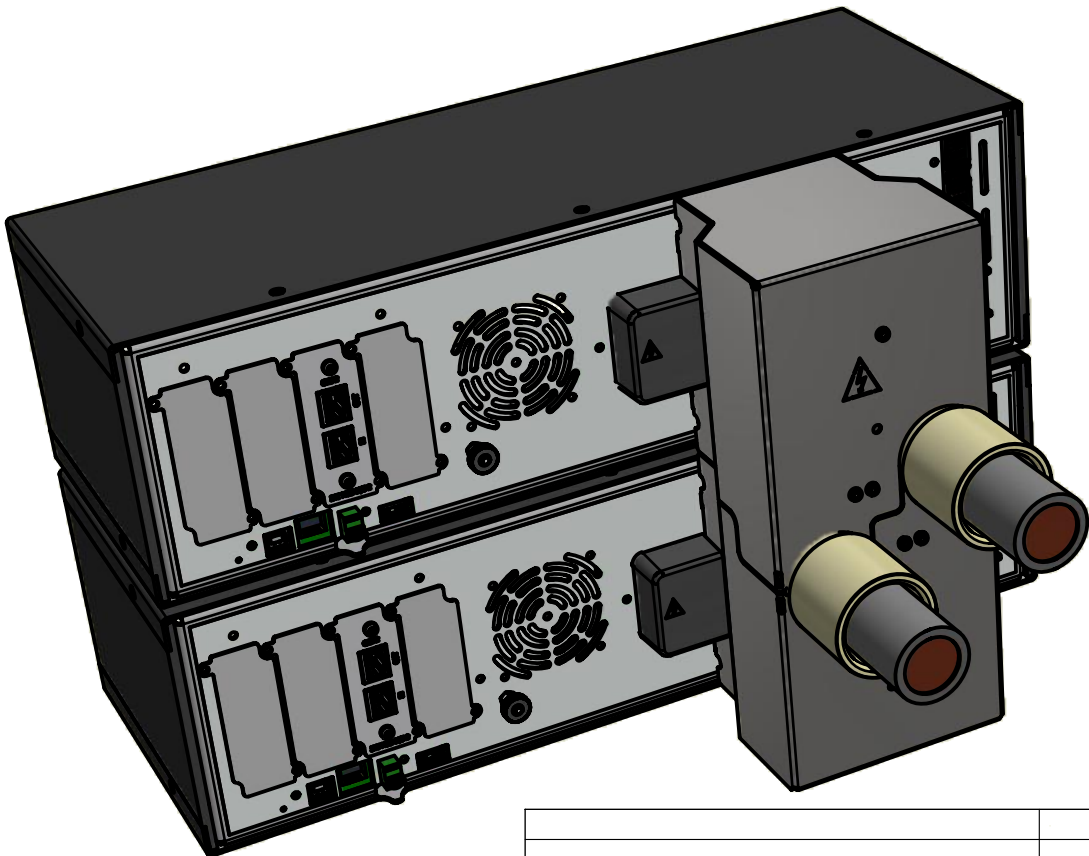
BEND ITEM 4 TO FIT
SENSE COVER



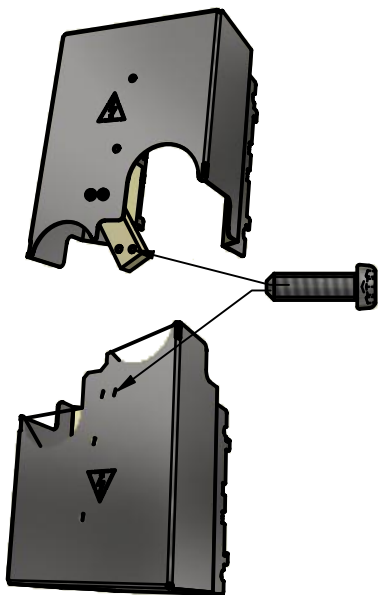
STEP 3



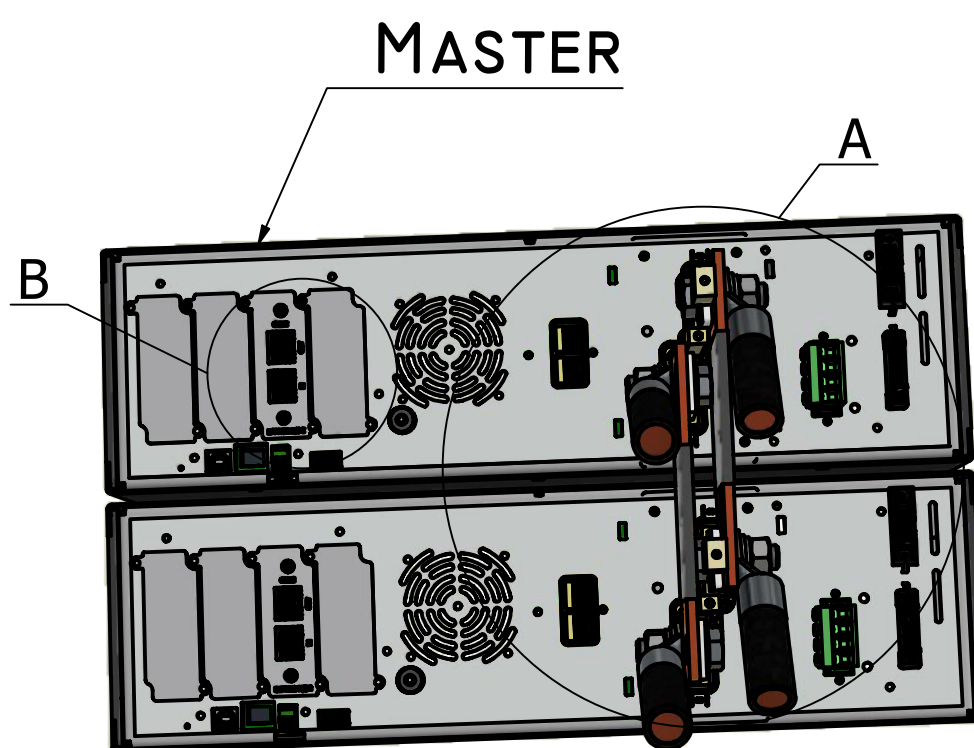
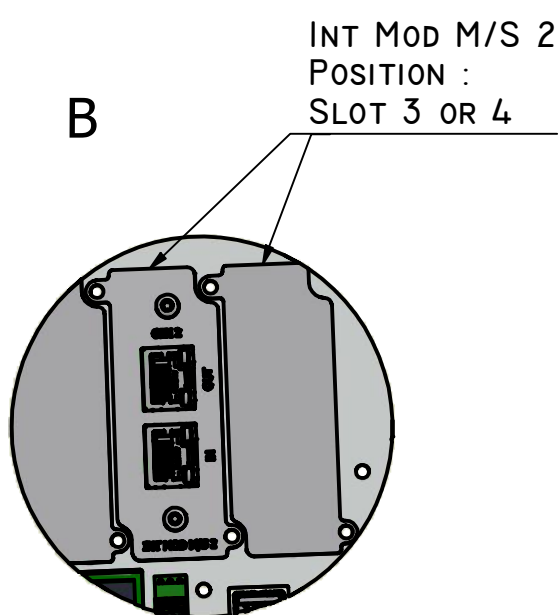
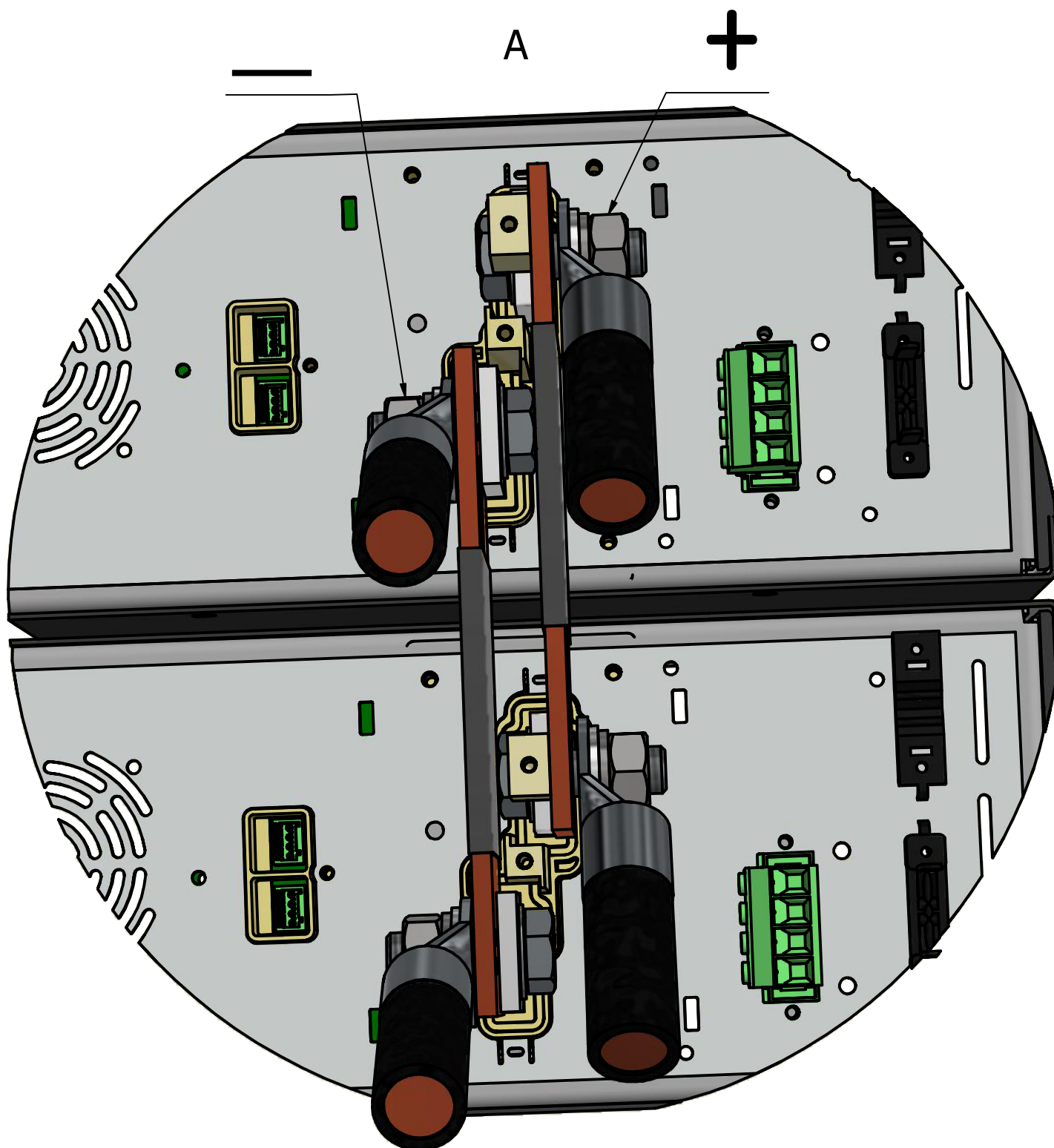
STEP 4 FIT COVERS



STEP 5 FIT TWO SCREWS



				SURFACE TREATMENT:	MAT:	
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				NAME DESIGNER	Delta Elektronika B.V.	
				S.Janse	VISSERSDIJK 4	
				DATE	4301 ND ZIERIKZEE	
				23-03-2021	NETHERLANDS	
REVISIONS		DATE	NAME			
REMARK:			TITLE:	MASTER SLAVE		
				assembly 2 units lv	DWG	
					A3	
					SHEET 3-3	



SM70-CP-450 (2x)
OUTPUT CABLE (4x)

			SURFACE TREATMENT:		MAT:	
					DIM: mm Tol.: ± 0.2	
			NAME DESIGNER		Delta Elektronika B.V.	
			S.Janse		VISSERSDIJK 4	
			DATE		4301 ND ZIERIKZEE	
			14-02-2019		NETHERLANDS	
REVISIONS			DATE	NAME		
REMARK:			TITLE: MASTER SLAVE assembly 2 units		DWG	
					A3	
					SHEET 2-2	



Exploded view diagram of a Master Slave assembly. The diagram shows three units (1, 2, 3) and various components (4-16). Unit 1 is the power unit, Unit 2 is the interface m/s gen 2, and Unit 3 is the m/s strip lv 2. Components include cover outp ms lv (4), cover end plate m/s lv (5), cover outp m/s bracket lv (6), screw M12X35 SG DIN933 10.9/Geomet-500 (7), nut M12 A2 (8), washer M12 A2 (9), lock washer (10), crinkle washer (11), load cable cable lug M12 (12), D-PT 3.5x12 ro he A2 T15 selftap (13), patch cable BK 0.5 m RJ45 (14), patch cable BK 1 m RJ45 (15), and earth cable m/s (16).

PARTS LIST				
M/S PAR SET A3	ITEM	QTY	STOCK NUMBER	DESCRIPTION
*	1	3	SM70-SM-450	power unit
*	2	3	int mod ms 2	interface m/s gen 2
v	3	2	dwg2540	m/s strip lv 2 3 units lv
v	4	3	dwg2543	cover outp ms lv
v	5	2	dwg2544	cover end plate m/s lv
v	6	3	dwg2545	cover outp m/s bracket lv
	7	6	M12x35 SG DIN933	screw M12X35 SG DIN933 10.9/Geomet-500
	8	6	M12 A2 DIN934	nut M12 A2
	9	6	M12 A2 DIN125	washer M12 A2
	10	6	M12 A2 DIN 127B	lock washer
v	11	6	M12x24 DIN 137B	crinkle washer
	12	6	not supplied	load cable cable lug M12
v	13	9	3.5x12 ro he T15	D-PT 3.5x12 ro he A2 T15 selftap
v	14	2	CBL P SFTP 0.5 BK	patch cable BK 0.5 m RJ45
v	15	1	CBL P SFTP 1 BK	patch cable BK 1 m RJ45
v	16	2	DWG2603	earth cable m/s

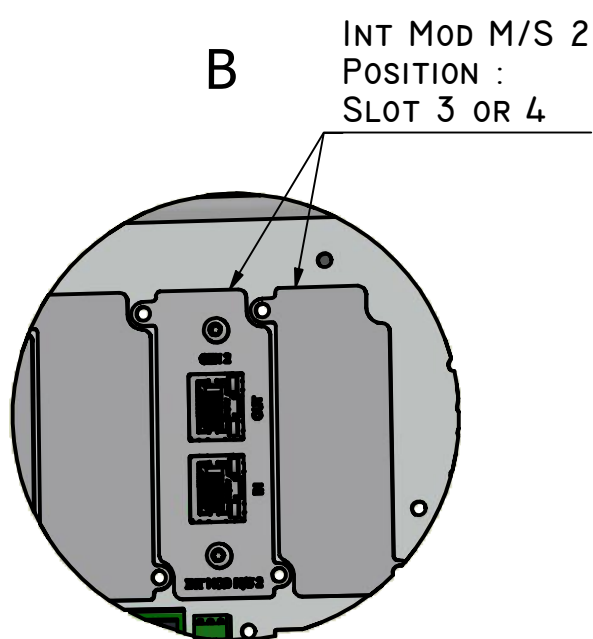
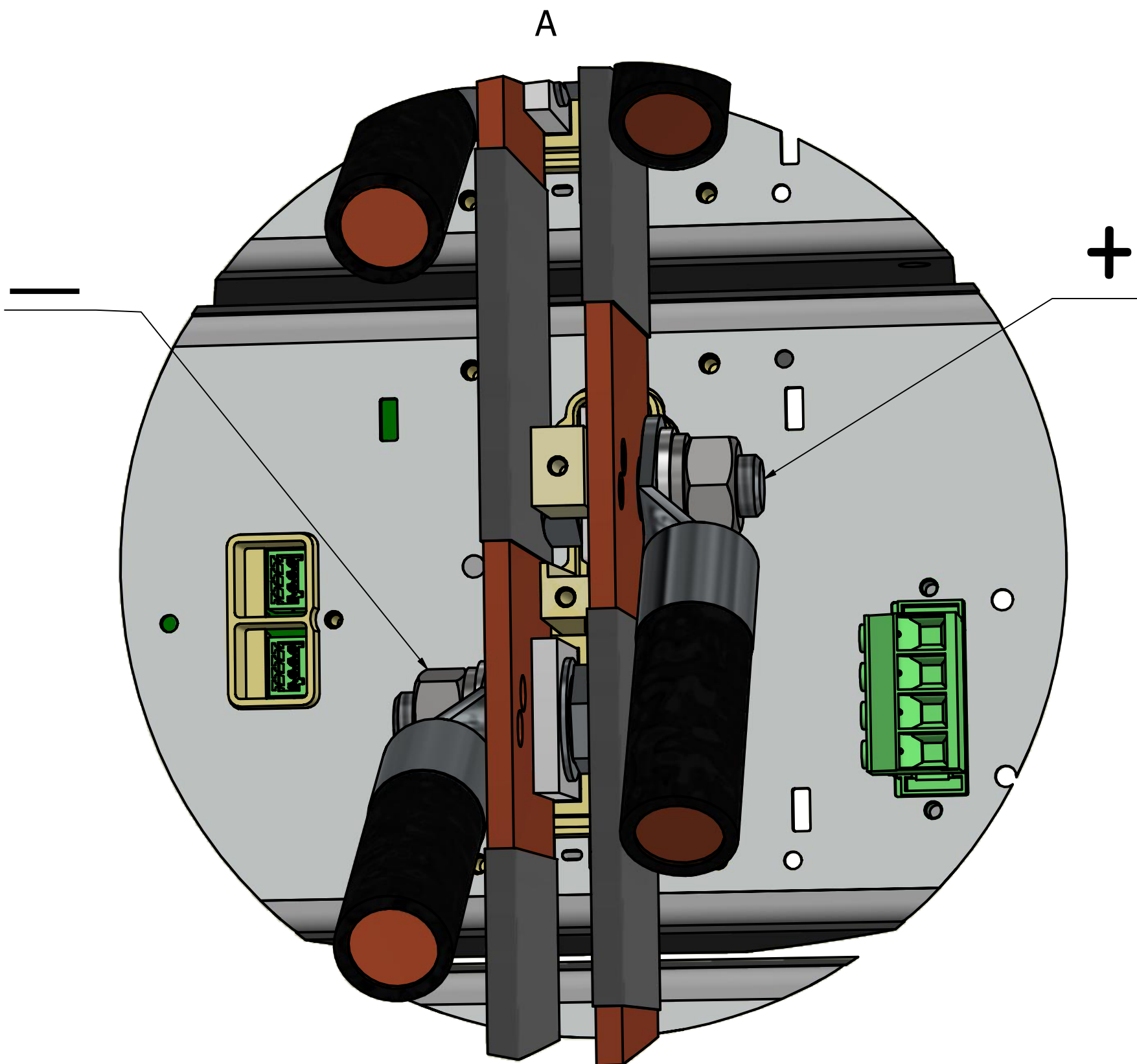
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REMARK:				NAME DESIGNER	DIM: mm Tol.: ± 0.2
				S.Janse	Delta Elektronika B.V.
				DATE	VISSERSDIJK 4
				04-02-2022	4301 ND ZIERIKZEE
					NETHERLANDS

* ORDER SEPARATELY

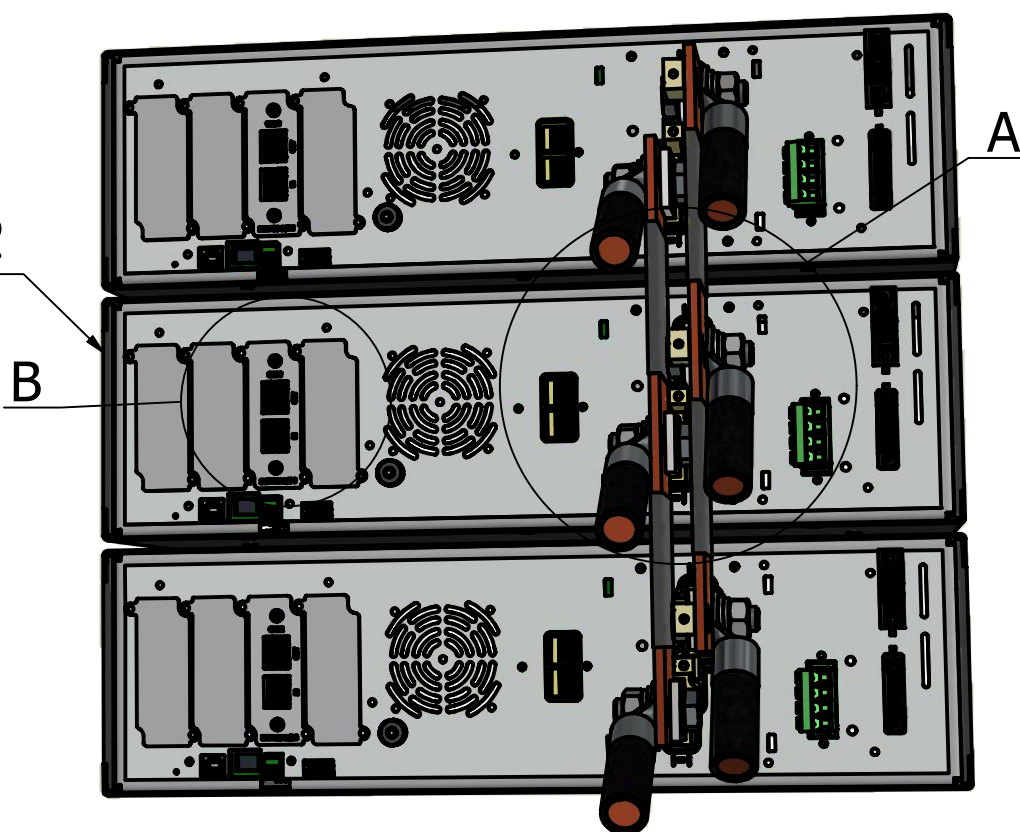
TITLE: MASTER SLAVE assembly 3 units

DWG

A3 SHEET I-2



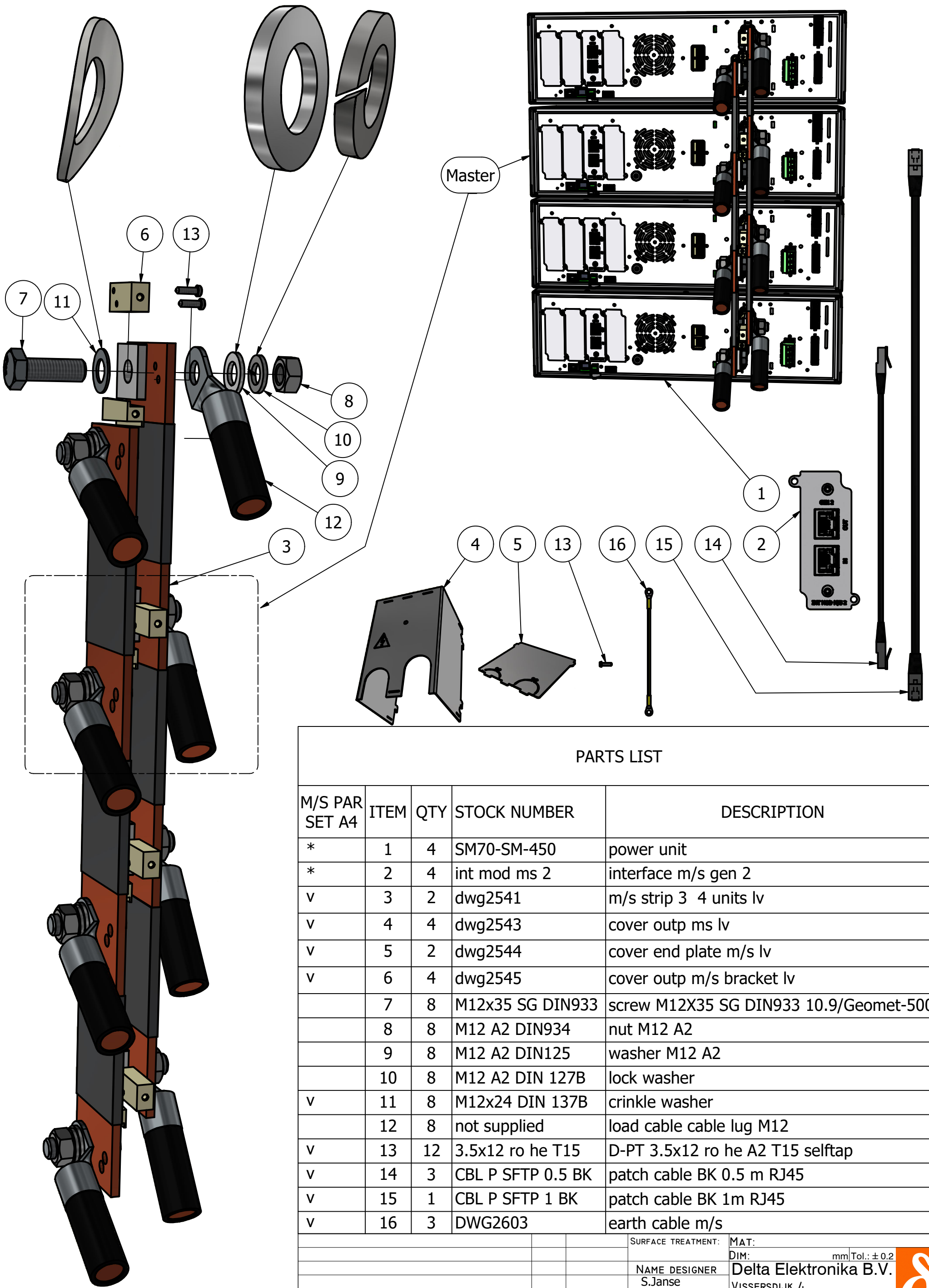
MASTER



SM70-CP-450 (3x)

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			S.Janse	VISSERSDIJK 4
			DATE	14-02-2019
				4301 ND ZIERIKZEE
				NETHERLANDS
REVISIONS	DATE	NAME	TITLE: MASTER SLAVE	
REMARK:			assembly 3 units	
			DWG	A3
				SHEET 2-2



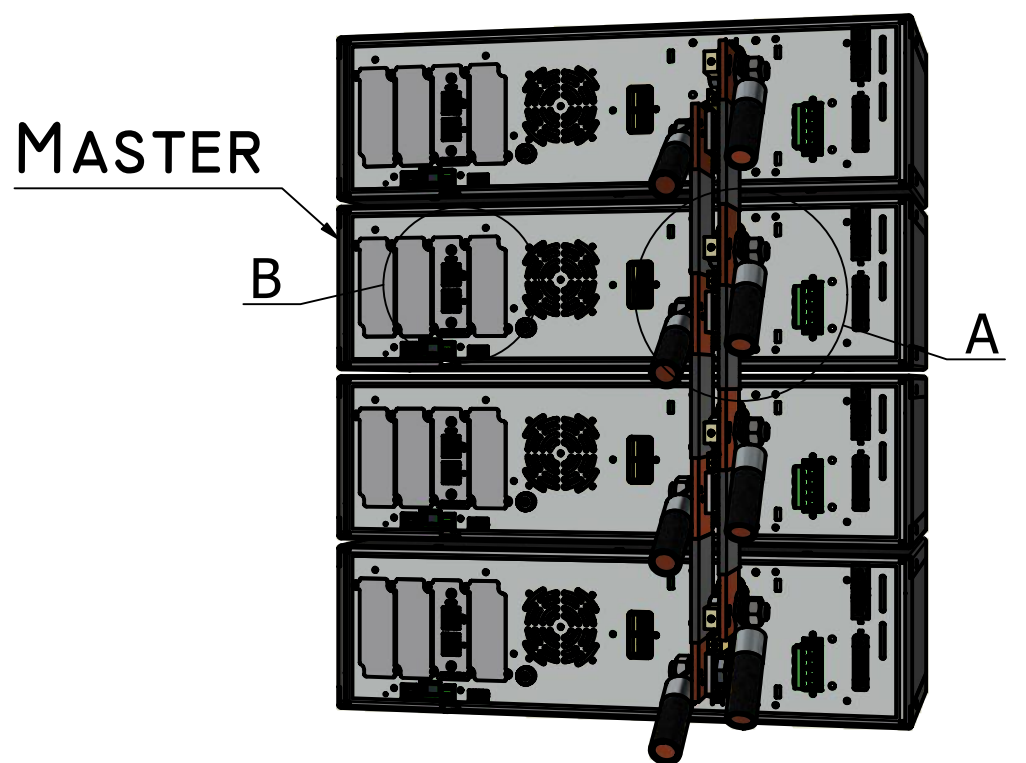
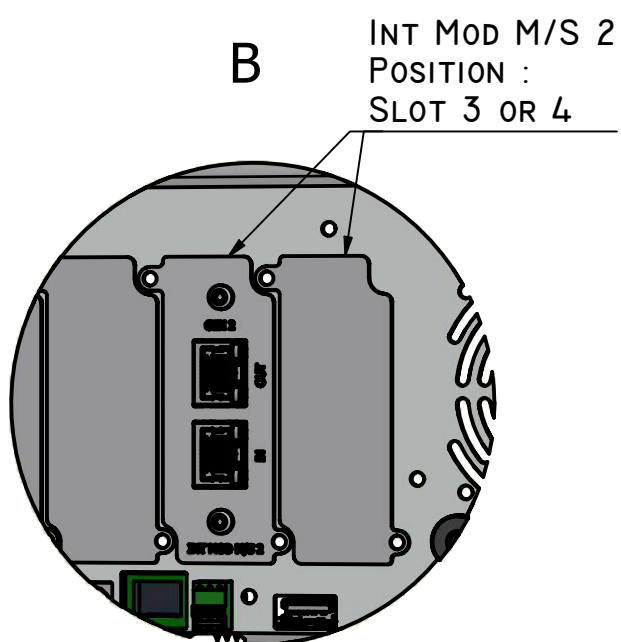
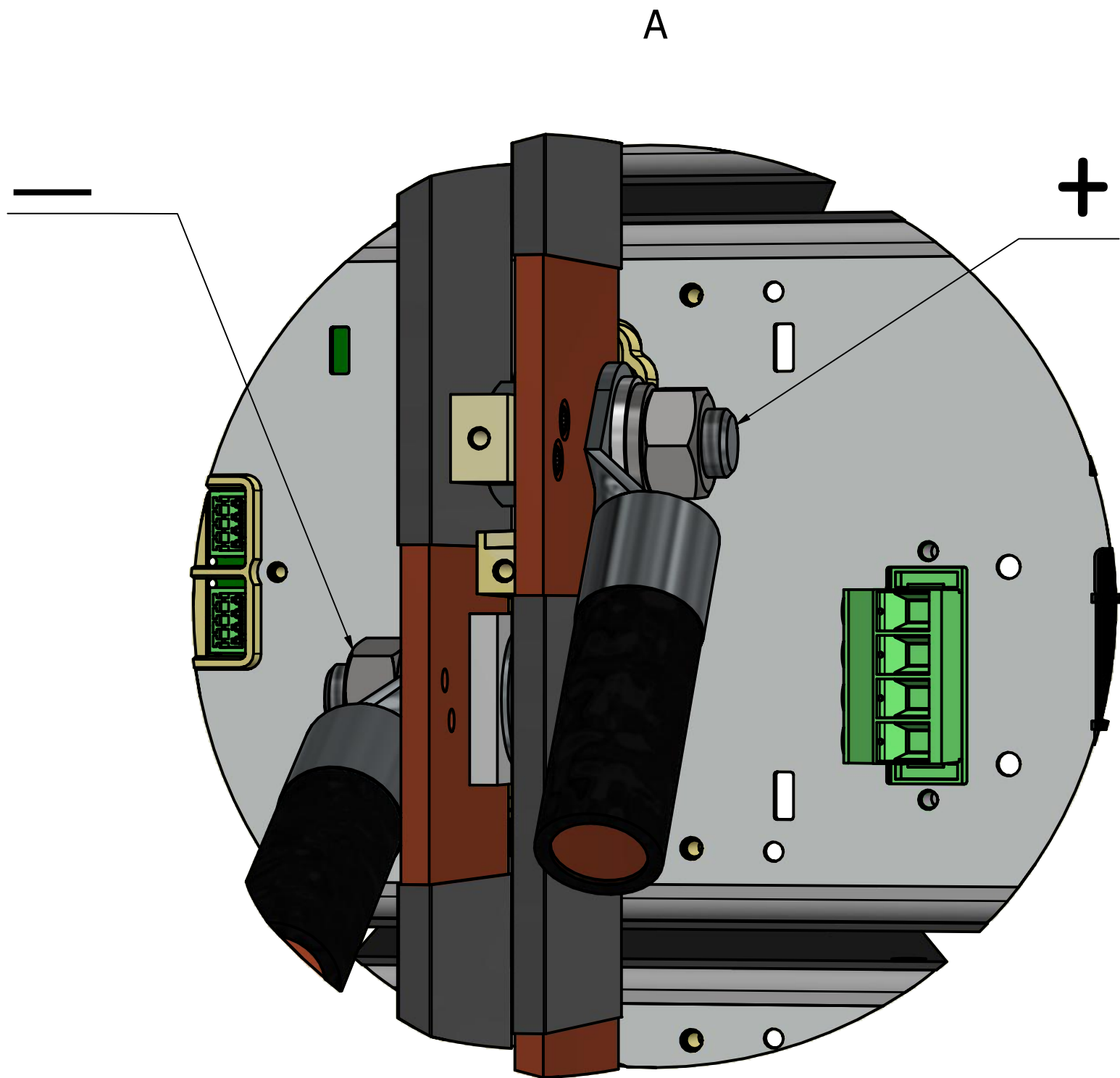


PARTS LIST

M/S PAR SET A4	ITEM	QTY	STOCK NUMBER	DESCRIPTION
*	1	4	SM70-SM-450	power unit
*	2	4	int mod ms 2	interface m/s gen 2
v	3	2	dwg2541	m/s strip 3 4 units lv
v	4	4	dwg2543	cover outp ms lv
v	5	2	dwg2544	cover end plate m/s lv
v	6	4	dwg2545	cover outp m/s bracket lv
	7	8	M12x35 SG DIN933	screw M12X35 SG DIN933 10.9/Geomet-500
	8	8	M12 A2 DIN934	nut M12 A2
	9	8	M12 A2 DIN125	washer M12 A2
	10	8	M12 A2 DIN 127B	lock washer
v	11	8	M12x24 DIN 137B	crinkle washer
	12	8	not supplied	load cable cable lug M12
v	13	12	3.5x12 ro he T15	D-PT 3.5x12 ro he A2 T15 selftap
v	14	3	CBL P SFTP 0.5 BK	patch cable BK 0.5 m RJ45
v	15	1	CBL P SFTP 1 BK	patch cable BK 1m RJ45
v	16	3	DWG2603	earth cable m/s

* ORDER SEPARATELY

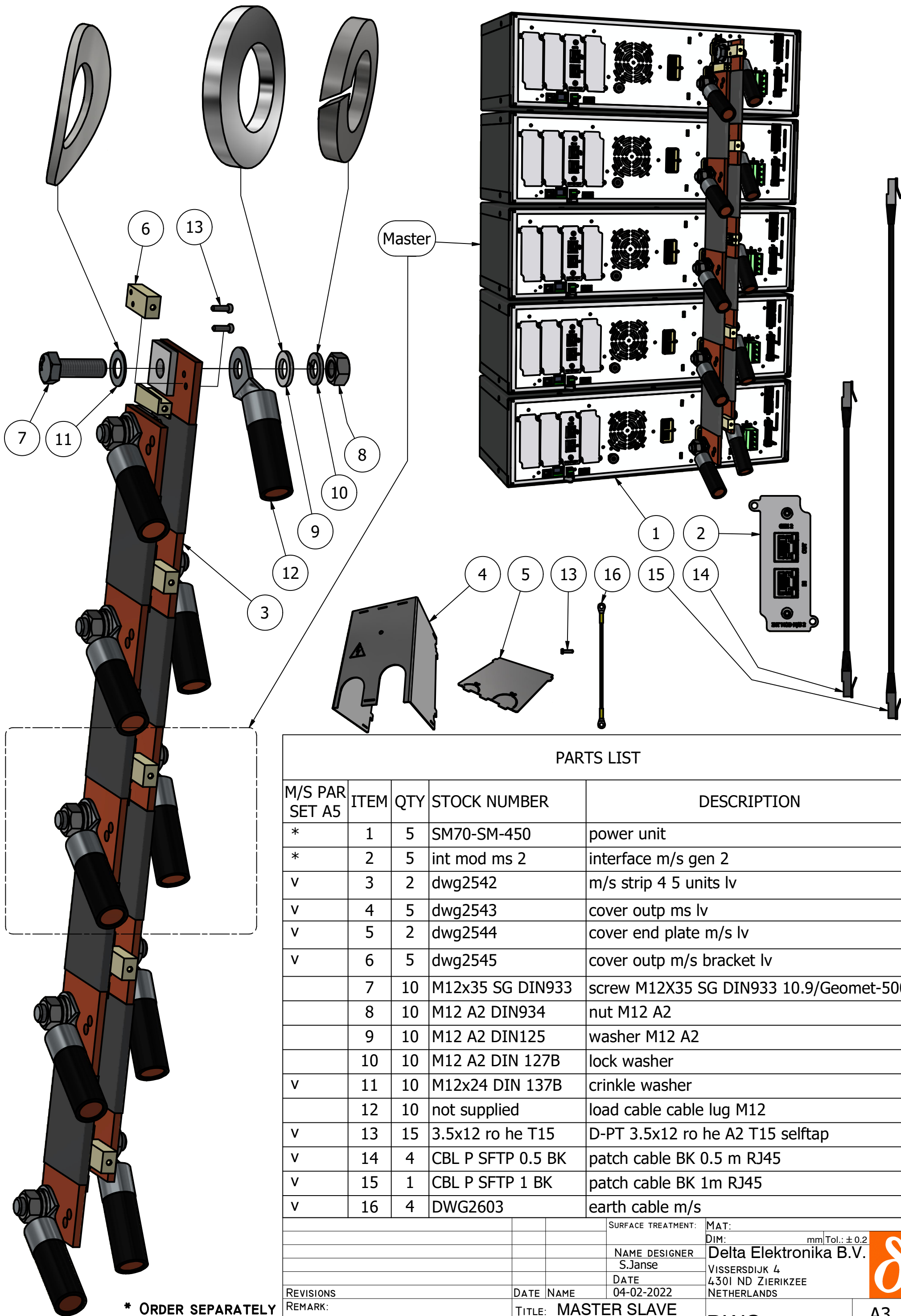
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			S.Janse			
			DATE			
			04-02-2022			
REVISIONS			DATE	NAME		
REMARK:			TITLE: MASTER SLAVE assembly 4 units		DWG	
					A3	
					SHEET I-2	



SM70-CP-450 (4x)

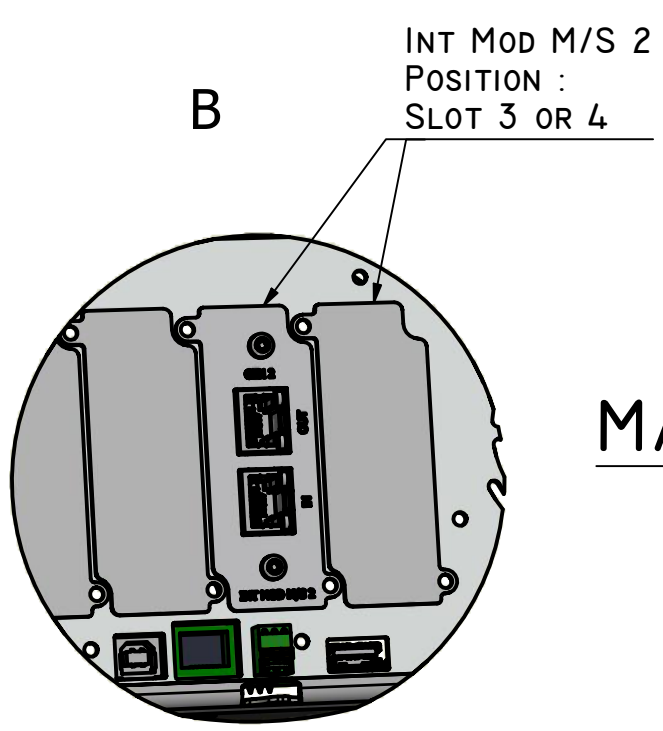
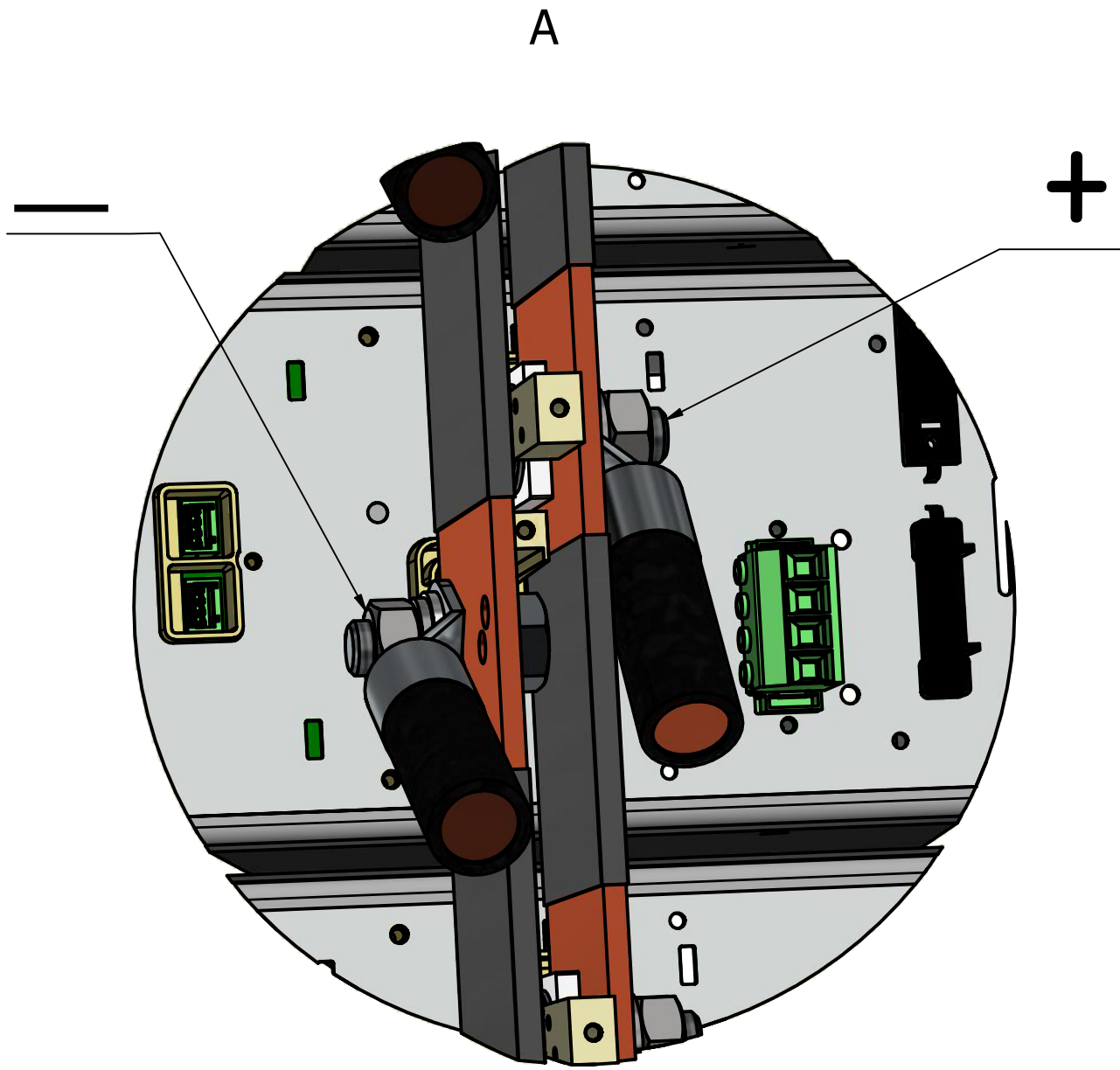
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			S.Janse				
			DATE				
			14-02-2019				
REVISIONS			DATE	NAME			
REMARK:			TITLE: MASTER SLAVE LV assembly 4 units			DWG	
						A3	
						SHEET 2-2	



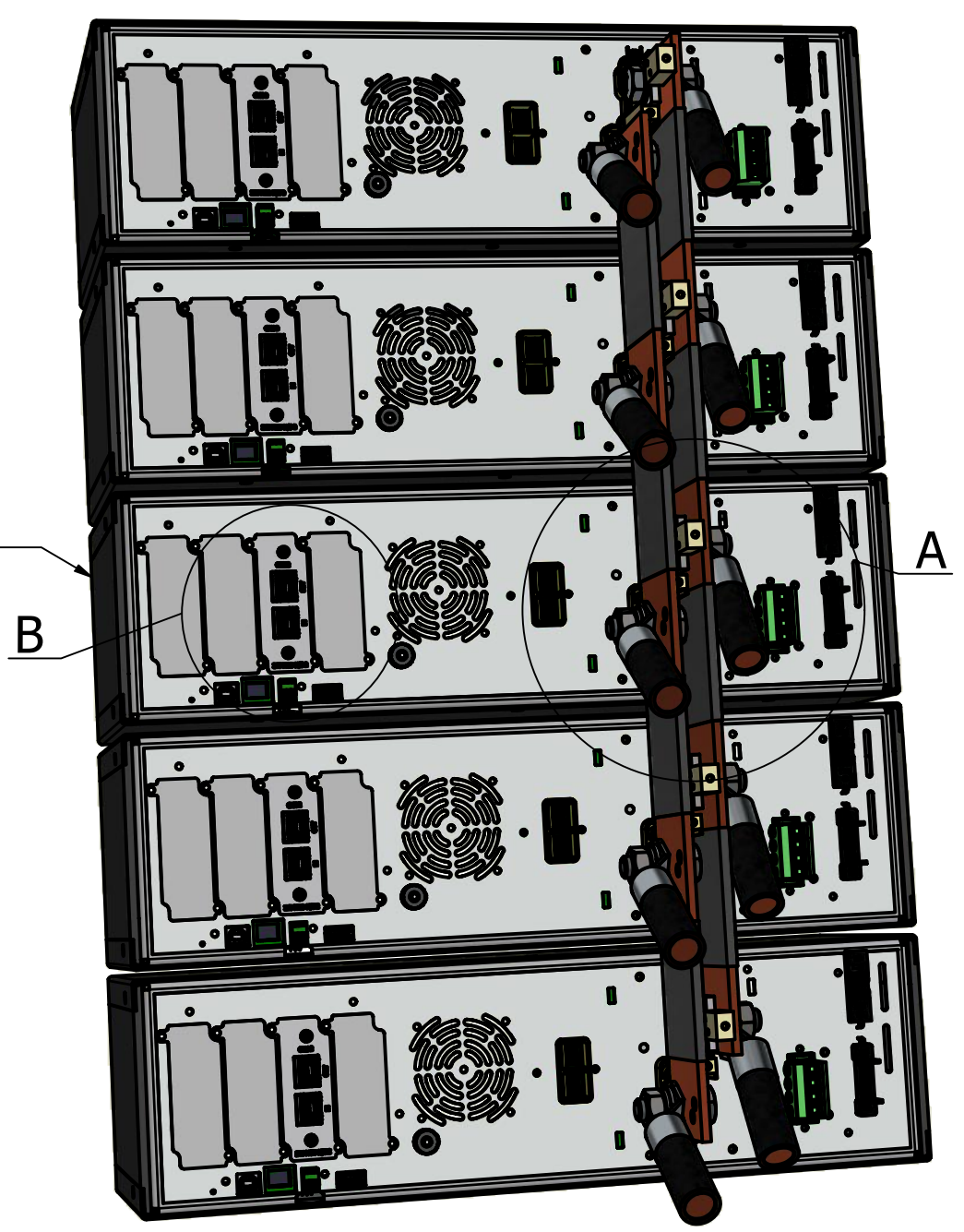


* ORDER SEPARATELY

PARTS LIST				
M/S PAR SET A5	ITEM	QTY	STOCK NUMBER	DESCRIPTION
*	1	5	SM70-SM-450	power unit
*	2	5	int mod ms 2	interface m/s gen 2
v	3	2	dwg2542	m/s strip 4 5 units lv
v	4	5	dwg2543	cover outp ms lv
v	5	2	dwg2544	cover end plate m/s lv
v	6	5	dwg2545	cover outp m/s bracket lv
	7	10	M12x35 SG DIN933	screw M12X35 SG DIN933 10.9/Geomet-500
	8	10	M12 A2 DIN934	nut M12 A2
	9	10	M12 A2 DIN125	washer M12 A2
	10	10	M12 A2 DIN 127B	lock washer
v	11	10	M12x24 DIN 137B	crinkle washer
	12	10	not supplied	load cable cable lug M12
v	13	15	3.5x12 ro he T15	D-PT 3.5x12 ro he A2 T15 selftap
v	14	4	CBL P SFTP 0.5 BK	patch cable BK 0.5 m RJ45
v	15	1	CBL P SFTP 1 BK	patch cable BK 1m RJ45
v	16	4	DWG2603	earth cable m/s
			SURFACE TREATMENT:	MAT:
			NAME DESIGNER	Delta Elektronika B.V.
			S.Janse	VISSERSDIJK 4
			DATE	4301 ND ZIERIKZEE
			04-02-2022	NETHERLANDS
REVISIONS			DATE	NAME
REMARK:			TITLE: MASTER SLAVE assembly 5 units lv	
			DWG	
			A3	
			SHEET I-2	



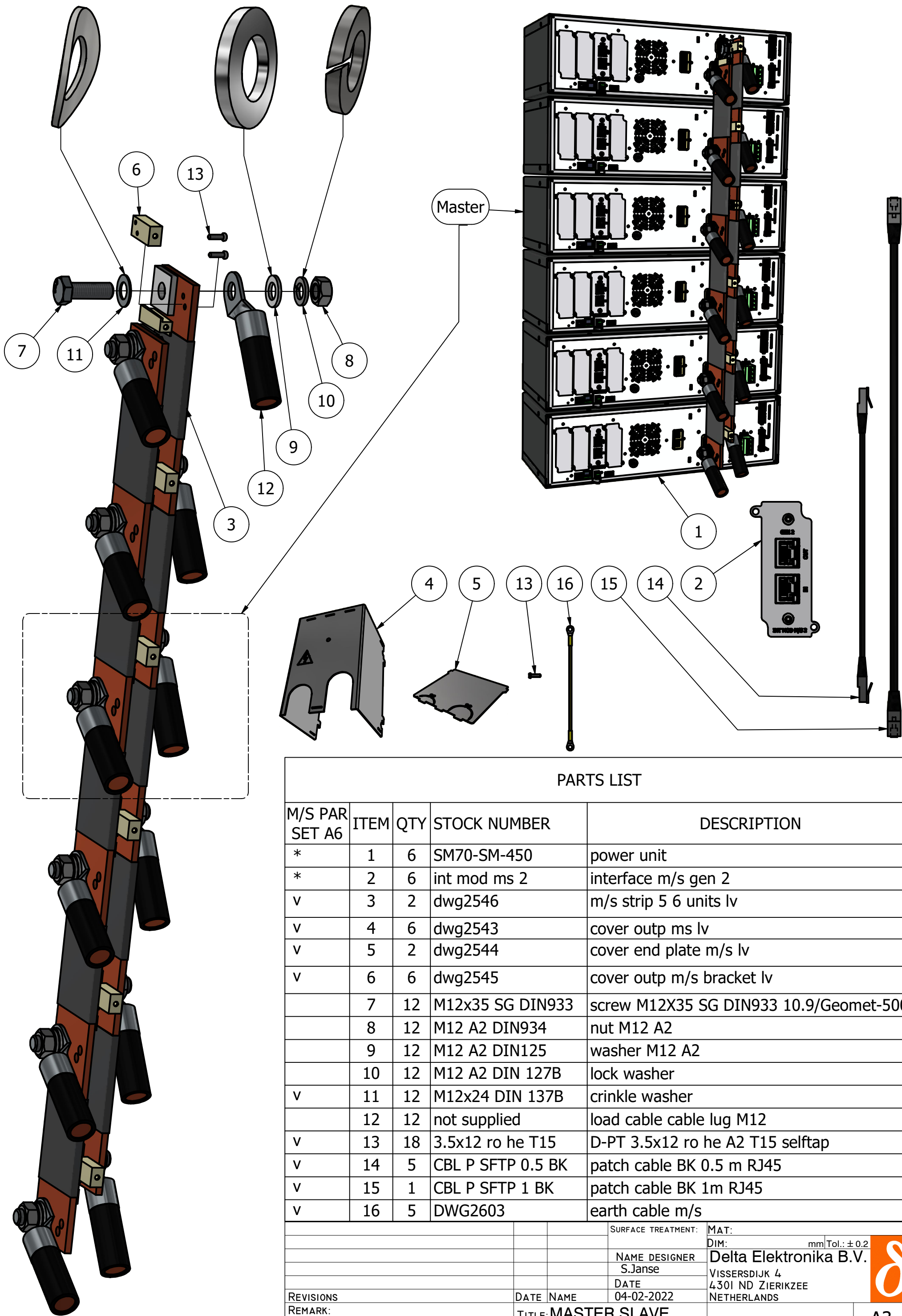
MASTER



SM70-CP-450 (5x)

			SURFACE TREATMENT:	MAT:
				DIM: mm Tol.: ± 0.2
			NAME DESIGNER	Delta Elektronika B.V.
			S.Janse	VISSERSDIJK 4
			DATE	14-02-2019
				4301 ND ZIERIKZEE
				NETHERLANDS
REVISIONS	DATE	NAME	TITLE: MASTER SLAVE	
REMARK:			assembly 5 units lv	
			DWG	
			A3	
			SHEET 2-2	





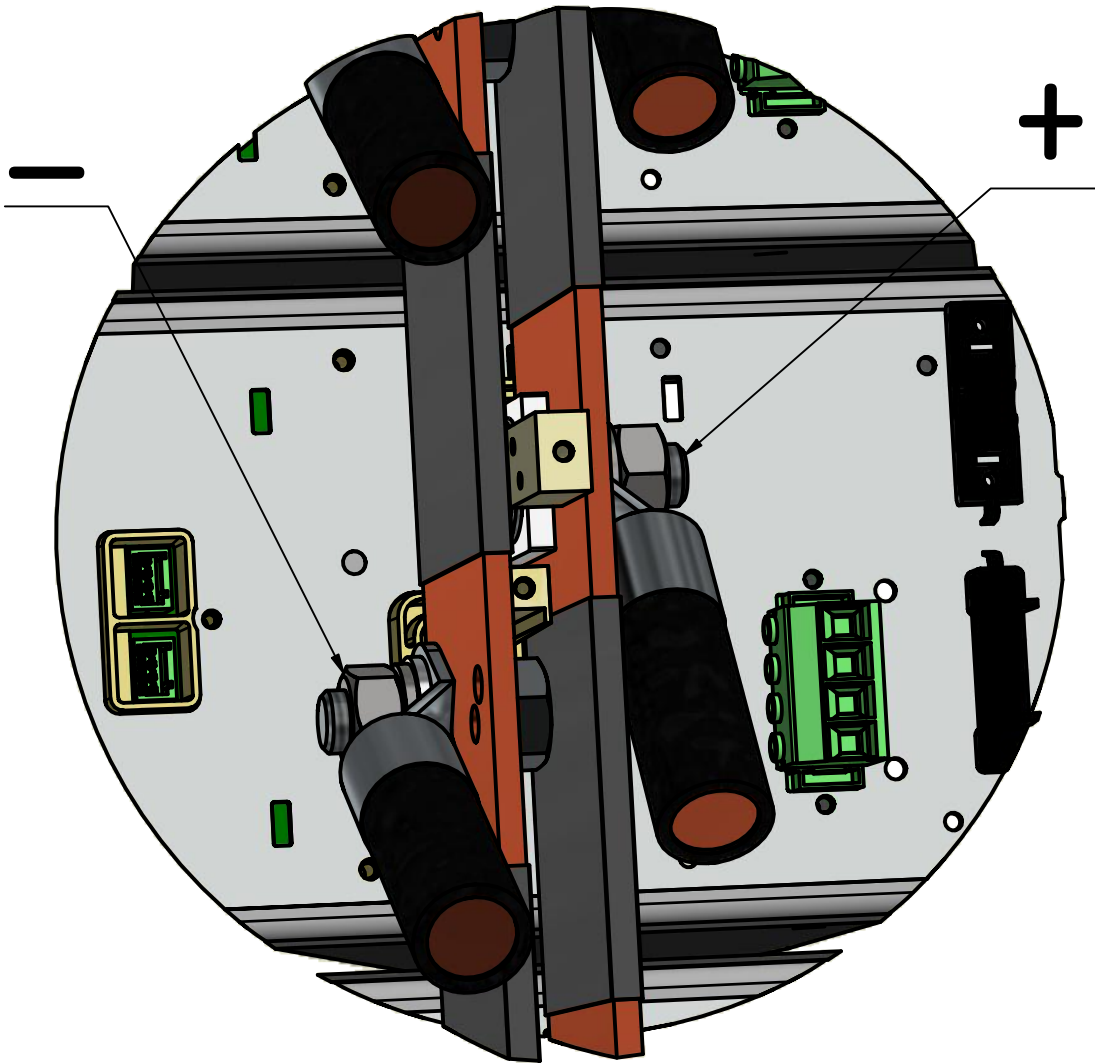
PARTS LIST

M/S PAR SET A6	ITEM	QTY	STOCK NUMBER	DESCRIPTION
*	1	6	SM70-SM-450	power unit
*	2	6	int mod ms 2	interface m/s gen 2
v	3	2	dwg2546	m/s strip 5 6 units lv
v	4	6	dwg2543	cover outp ms lv
v	5	2	dwg2544	cover end plate m/s lv
v	6	6	dwg2545	cover outp m/s bracket lv
	7	12	M12x35 SG DIN933	screw M12X35 SG DIN933 10.9/Geomet-500
	8	12	M12 A2 DIN934	nut M12 A2
	9	12	M12 A2 DIN125	washer M12 A2
	10	12	M12 A2 DIN 127B	lock washer
v	11	12	M12x24 DIN 137B	crinkle washer
	12	12	not supplied	load cable cable lug M12
v	13	18	3.5x12 ro he T15	D-PT 3.5x12 ro he A2 T15 selftap
v	14	5	CBL P SFTP 0.5 BK	patch cable BK 0.5 m RJ45
v	15	1	CBL P SFTP 1 BK	patch cable BK 1m RJ45
v	16	5	DWG2603	earth cable m/s

			SURFACE TREATMENT:	MAT:	
				DIM: mm Tol.: ± 0.2	
			NAME DESIGNER	Delta Elektronika B.V.	
			S.Janse	VISSERSDIJK 4	
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REMARK:		TITLE: MASTER SLAVE assembly 6 units lv			DWG
					A3
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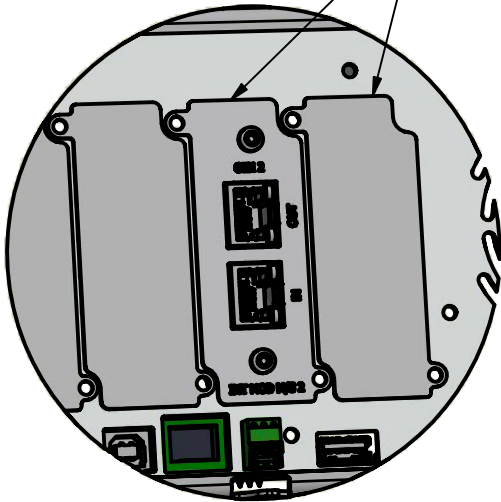
* ORDER SEPARATELY

A



B

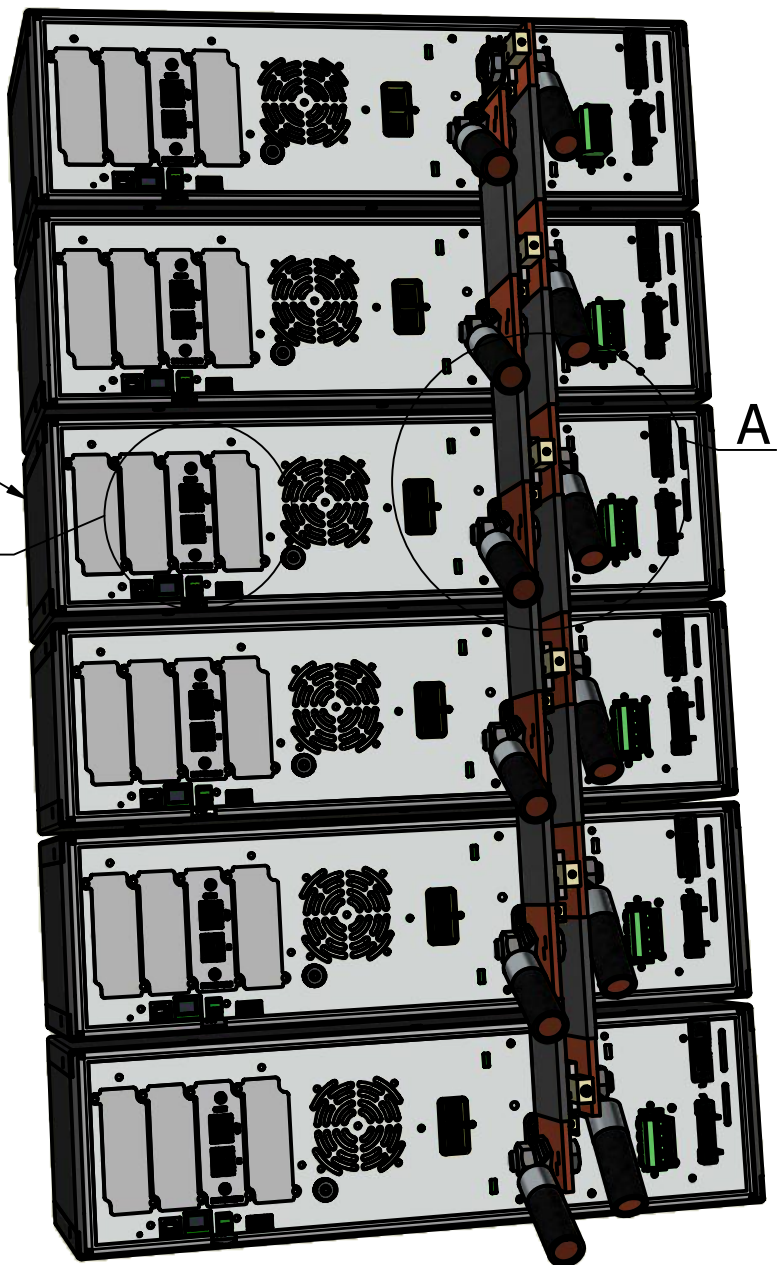
INT MOD M/S 2
POSITION :
SLOT 3 OR 4



MASTER

B

A



SM70-CP-450 (6x)

			SURFACE TREATMENT:		MAT:	
					DIM: mm Tol.: ± 0.2	
			NAME DESIGNER		Delta Elektronika B.V.	
			S.Janse		VISSERSDIJK 4	
			DATE		4301 ND ZIERIKZEE	
			14-02-2019		NETHERLANDS	
REVISIONS			DATE	NAME		
REMARK:			TITLE: MASTER SLAVE assembly 6 units lv		DWG	
					A3	
					SHEET 2-2	

