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WATER PURIFICATION AND WASTE WATER TREATMENT

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Electrical Circuit Diagramm

customer : AMEC Rail

: MULTI-PURPOSE-VEHICLE (MPV) project name

POWERED SLAVE

: 160 866 S order-number

ADDITIONAL EQUIPMENT:	BUILT-IN MPV
VIDEO-SYSTEM	
TCA-SYSTEM	X
TRIP-COCK	

designer : MOH

DRAWN

CHECK.

MOH

09.05.01

16.11.00

DATE

at: 10.07.2000 by: КАР checked

POWERED SLAVE

Revision e

highest page number: 550

number of pages : 110

160 866 S

f	27. 07. 05	VKO	1. in:	spection at	: 16.11.2000	bу: ВЕ	EU	5. inspection at :	18.07.2003	Ьу:			Dat	ei: Titel_FE.MSF
е	18.07.03	BEU	2. in: 3. in:	spection at spection at	: 09. 05. 2001 : 19. 07. 2001	bу: ні bу: Кі	พ บ A P	6. inspection at :	27. 07. 2005	Ьу:	VKU			
d	13.11.01				: 13.11.2001									301.1
С	19.07.01	KAP	DATE	18.07.2003	MULTI-PURPOSE-	VEHTCLE (MPVI		Deckblatt			160 866 S	=	
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WINDHOFF Deckblatt COVER PAGE

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	a	16. 11. 00	CONNECTOR 510X10	510 BEU
	Ь	09.05.01	TEXT REVISED	391, 394, 396, 432 HWG
	С	19.07.01	2. OTDR	345, 530, KAP
	d	13.11.01	TRIP COCK OFF 319S8	319 ZIE
	d	13.11.01	TRIP COCK ACTIVE 326H6	326 ZIE
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	е	18.07.03	WSP CHANGED FROM MRP-SYSTEM TO SAB WABCO KP-SYSTEM	344; 353; 363; 364 Beu
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a 16.	5. 11. 00		AD PUWEKED 2CHVE WINDHOFF INSPECTION	5 661 557 160 U
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POWERED SLAVE

Revision e

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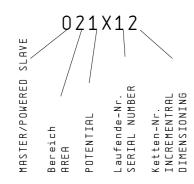
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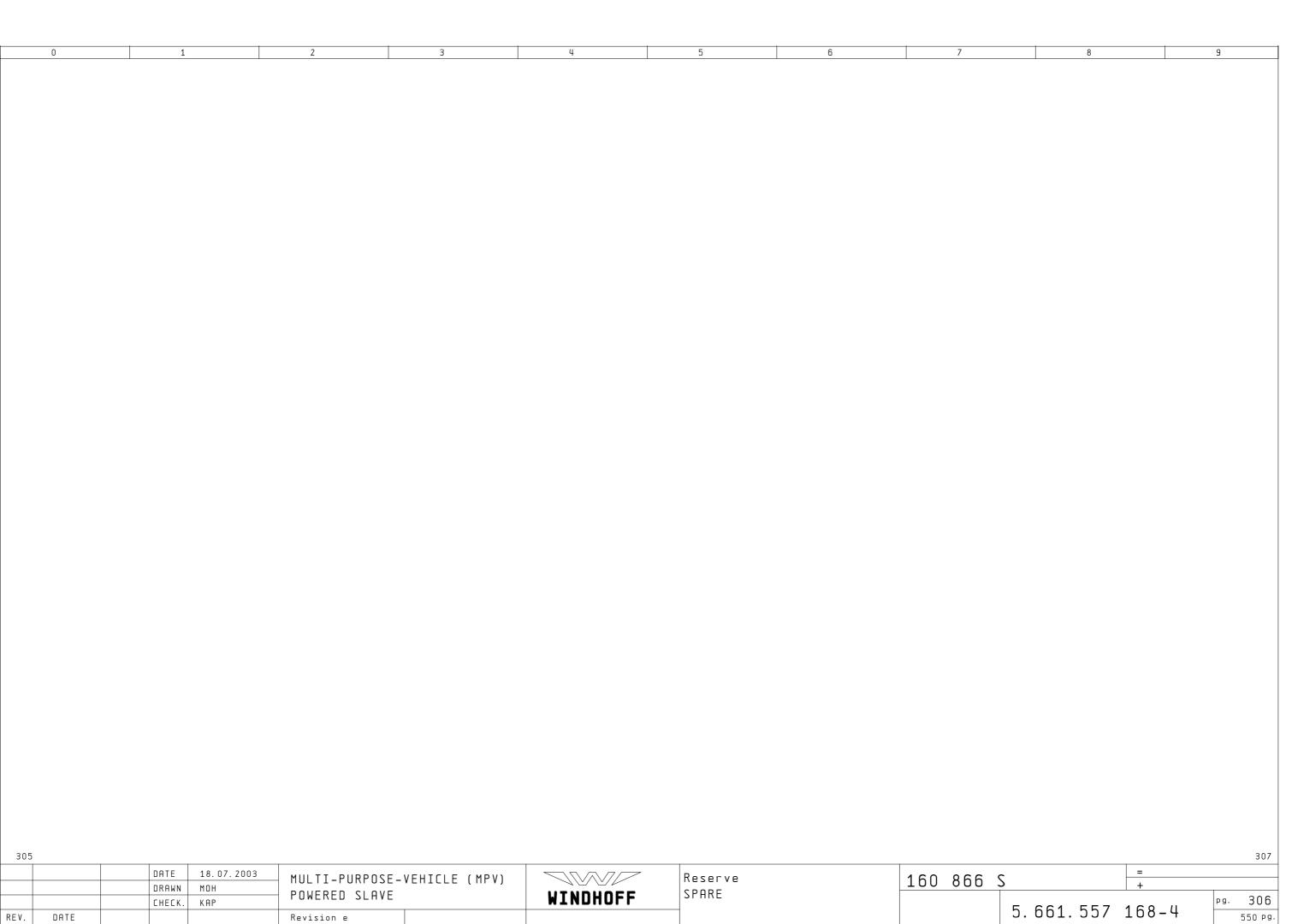
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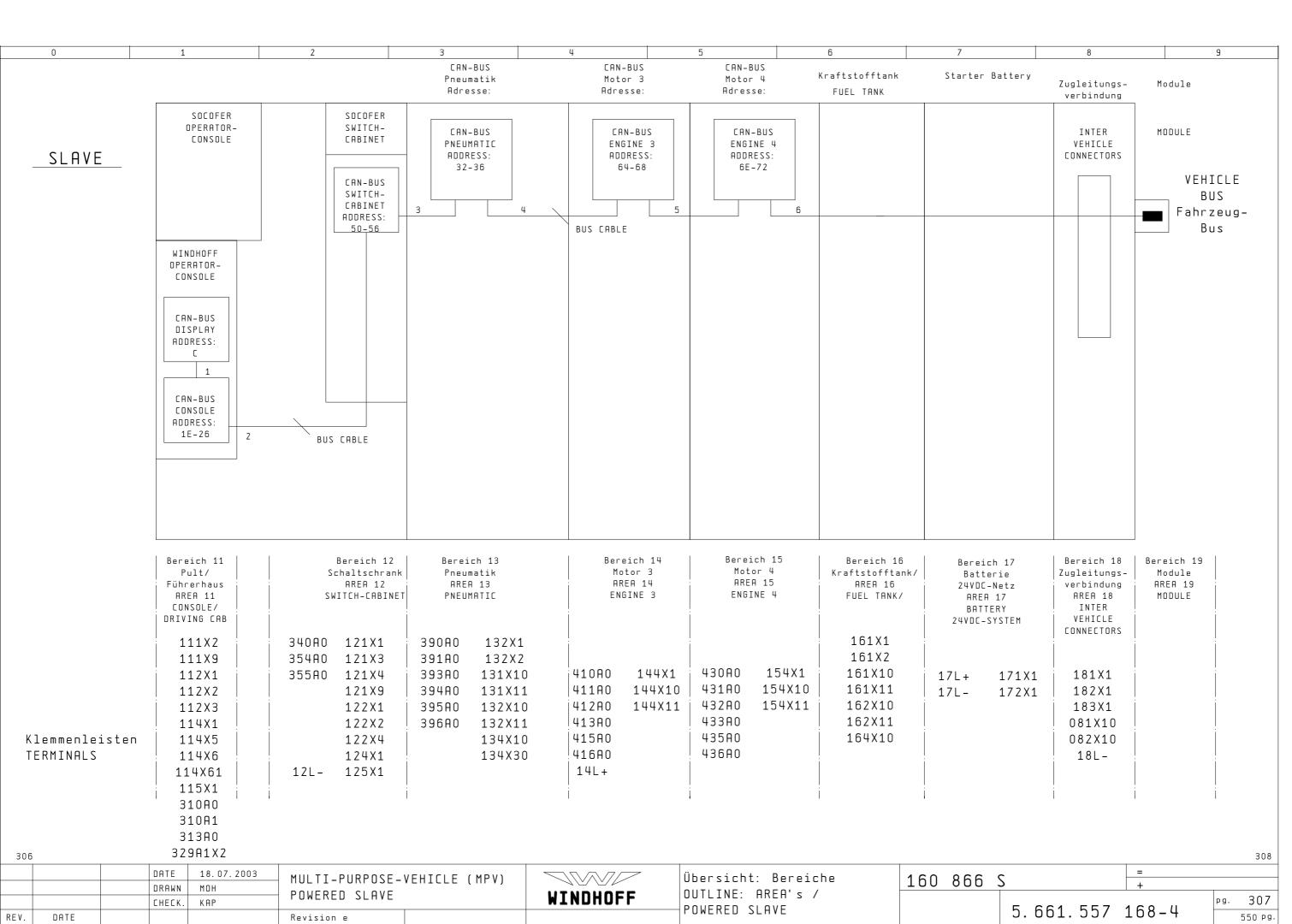


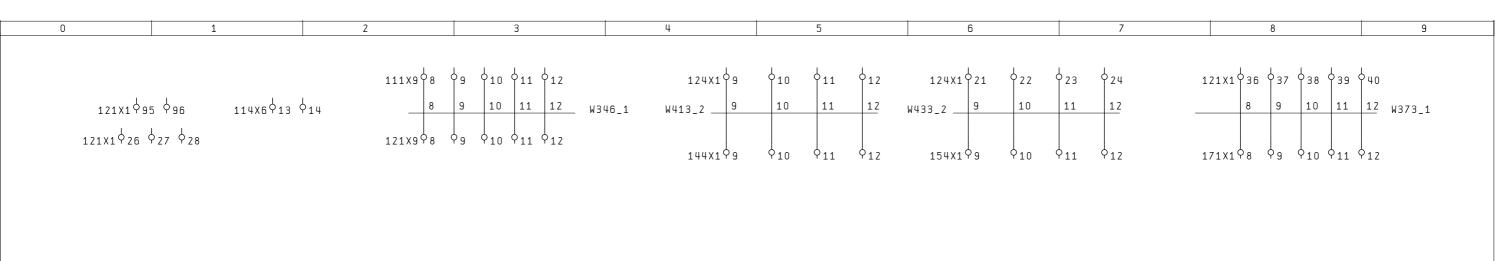
MASTER/SLAVE	Bereich:	/ AREA:	Potential:	/ POTENTIAL:	x	Laufende-Nr. SERIAL NUMBER	Ketten-Nr. INCREMENTRAL DIMENSIONING
O = MASTER	1 = Bedienpult	/ OPERATOR-CONSOLE	1 = Steuerung	/ CONTROL		1	1
1 = SLAVE	2 = Schaltschrank	/ SWITCH-CABINET	2 = Leistung	/ POWER		2	2
	3 = Pneumatik	/ PNEUMATIC	3 = Bus	/ BUS		3	3
	4 = Motor 1	/ ENGINE 1	4 = Mix Verbindung	/ MIX CONNECTION		4	4
	5 = Motor 2	/ ENGINE 2	5 = TPWS			5	5
	6 = Kraftstofftank/GSS	/ FUEL TANK/GSS	6 = OTDR			6	6
	7 = Batterie/24VDC-Netz	/ BATTERY/24VDC-SYSTEM	7 = TDLS			7	7
	8 = Zugleitungsverbindun	g / INTER VEHICLE CONNECTORS	8 = 230/400V			8	8
	9 = Module	/ MODULE	9 = Erde	/ EARTH		9	9

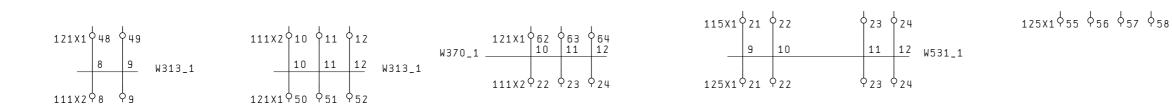
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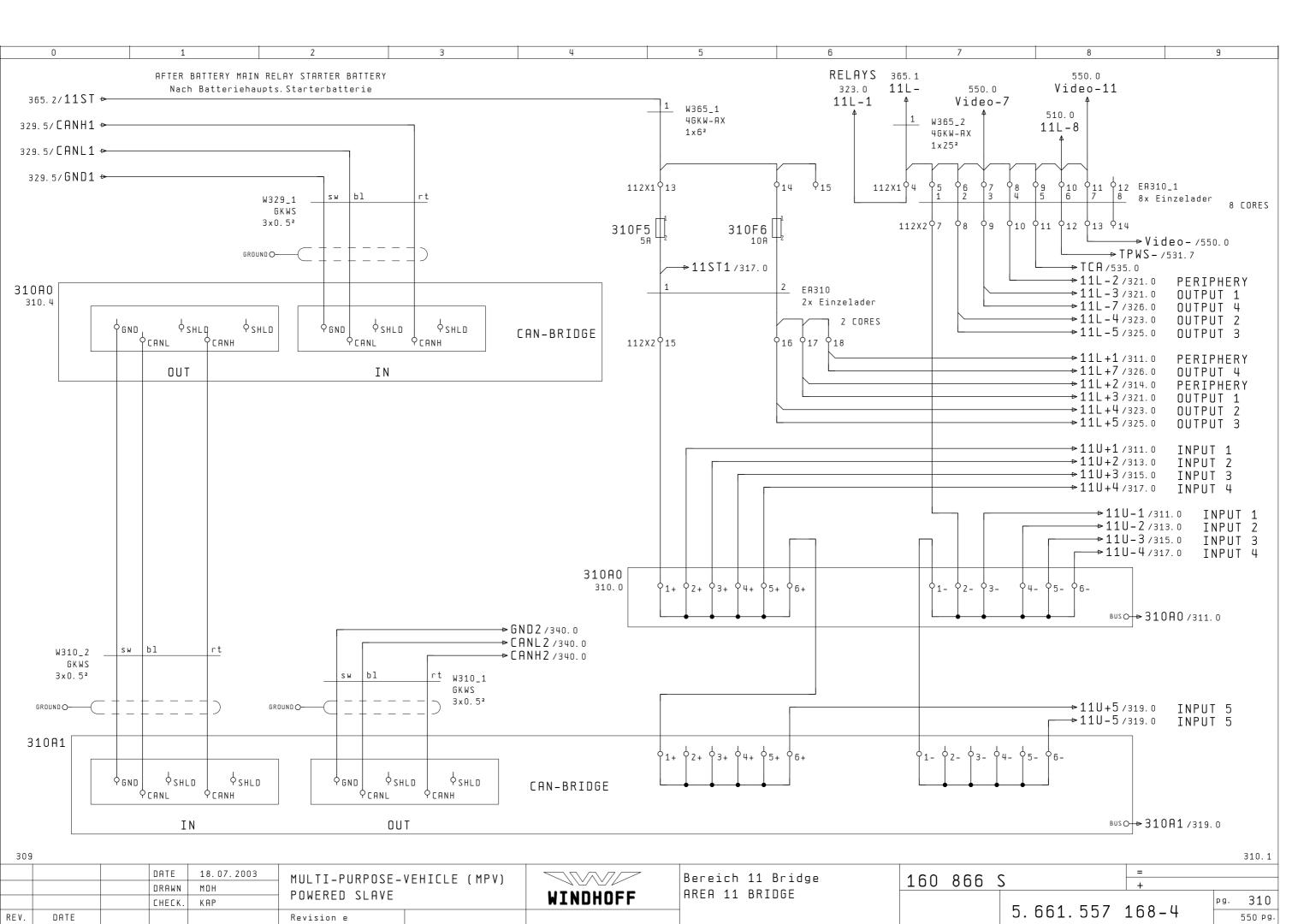


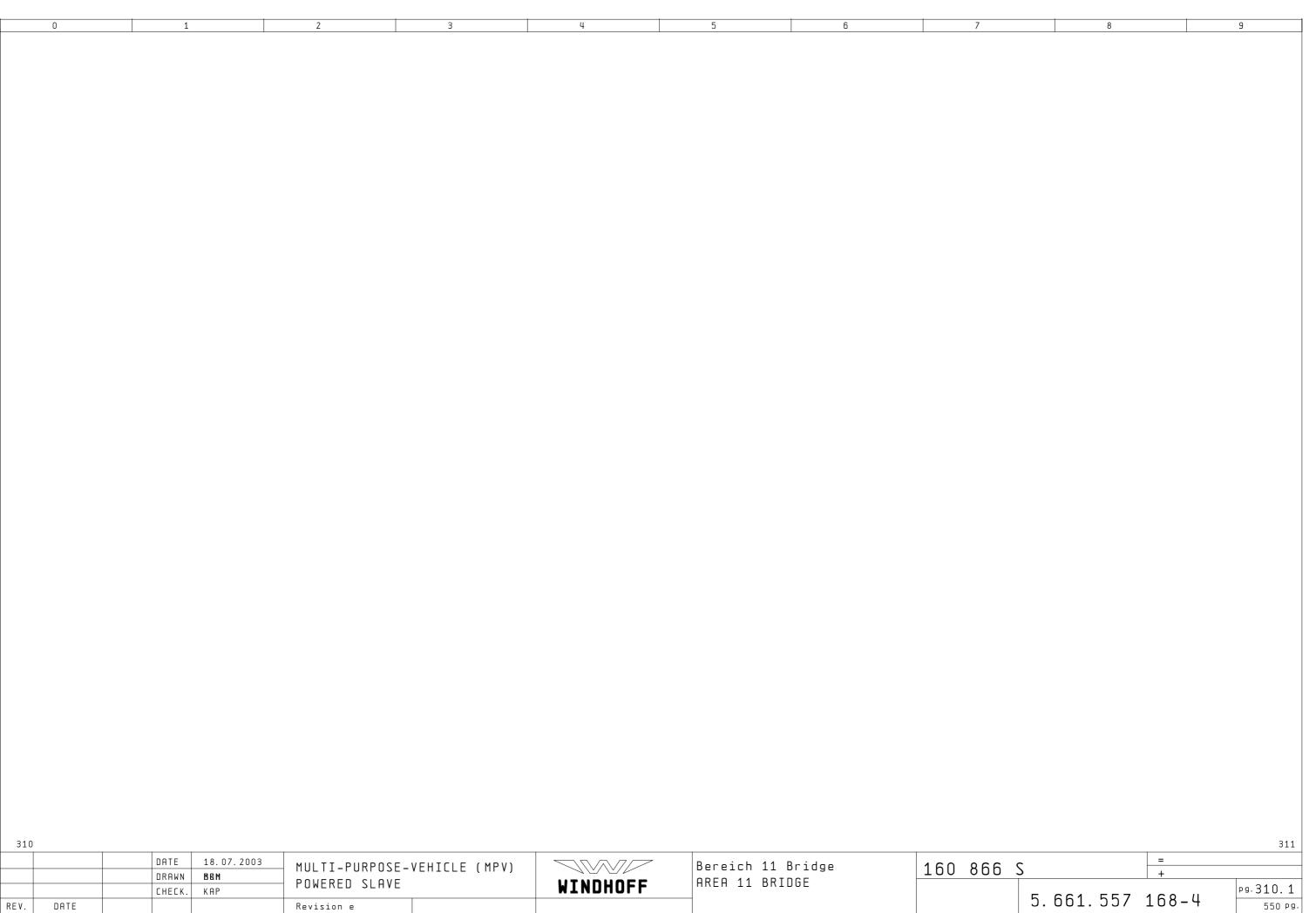
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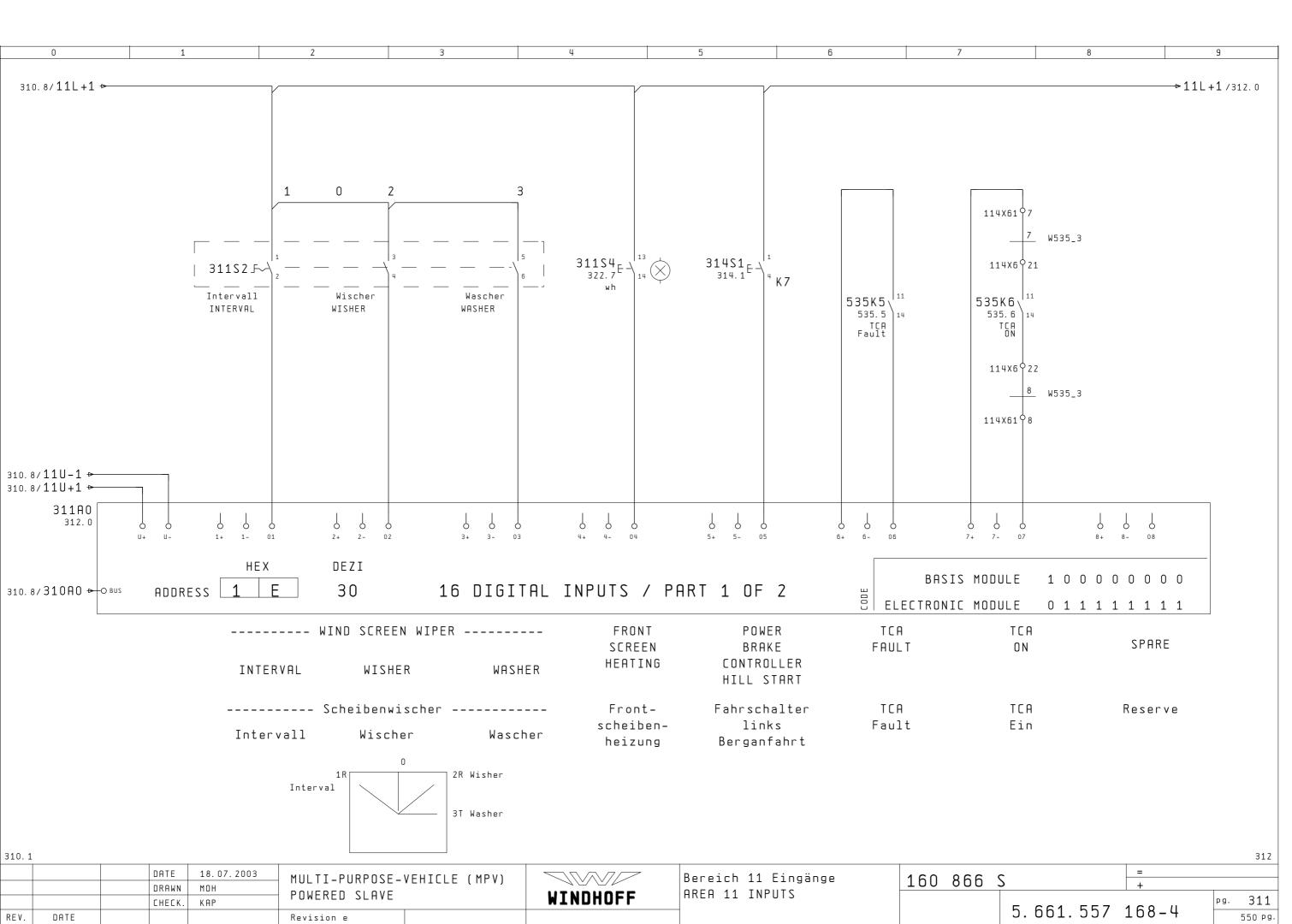
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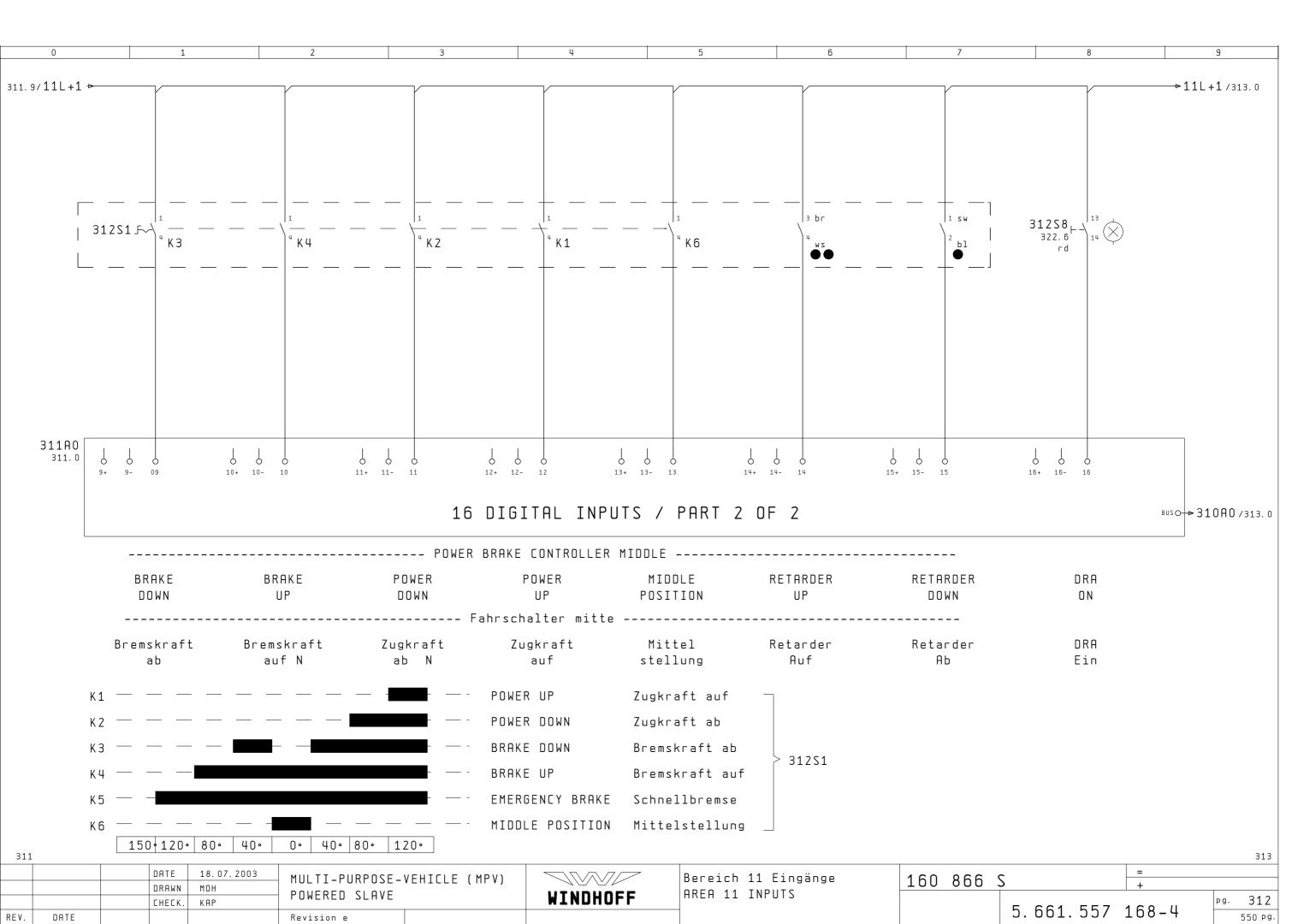
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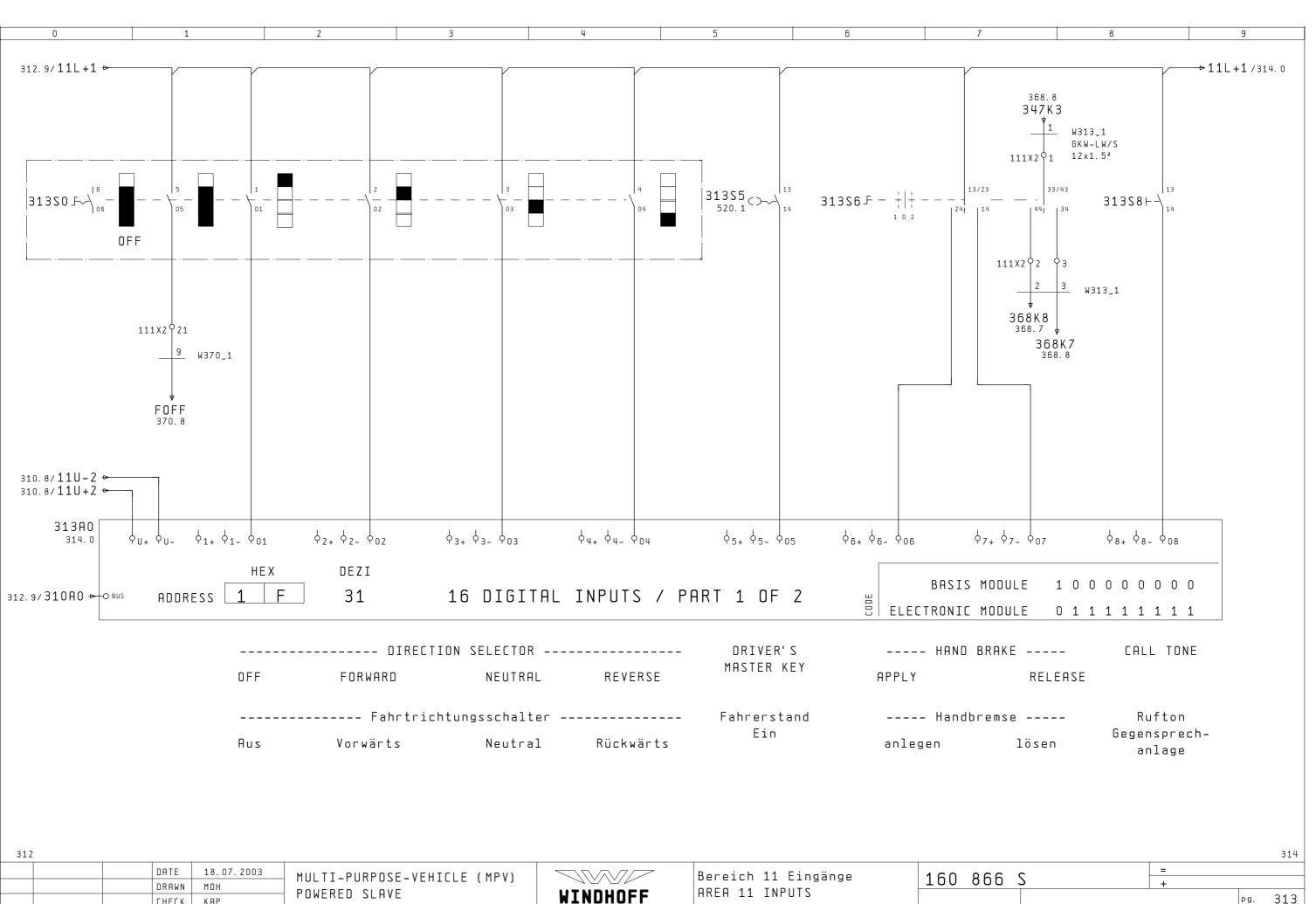
0 1	2	3	4	5	6	7 8	9
AREA =11 Bereich 11	AREA =12 Bereich 12		424 V4 0	424 V4 0	AREA =14 Bereich 14	430A0 = 430A0 BUS-CONNECTOR Busstecker	AREA =17 Bereich 17
111X2 = 111X2 DRIVERS DESK Bedienpult	121X1 = 121X1 CONTROL CABINET Schaltschrank		Achse 8 131X11 =	SPEED SENSOR GeschwSensor : 131X11	14L+ = 14L+ L+ BUSBAR ENGINE L+-Schiene Motor 144X1 = 144X1	431AO = 431AO DIGITAL INPUT Digitaleingänge	17L+ = 17L+ L+ BUSBAR BATTERY L+-Schiene Batterie 17L- = 17L-
111X9 = 111X9 SOCOFER DESK Socofer Pult 112X1 = 112X1	121X3 = 121X3 CONTROL CABINET Schaltschrank 121X4 = 121X4		Achse 7 132X10 =	SPEED SENSOR GeschwSensor : 132X10 SAND HEATING	ENGINE 3 Motor 3 144X10 = 144X10 EDC CONNECTOR	432AO = 432AO DIGITAL INPUT Digitaleingänge 433AO = 433AO	L- BUSBAR BATTERY L- Schiene Batterie 171X1 = 171X1 BATTERY CABINET
DRIVERS DESK Bedienpult 112X2 = 112X2 DRIVERS DESK	CONTROL CABINET Schaltschrank 121X9 = 121X9 CONTROL CABINET SOCOFER		132X11 = AXLE 7 S	Sandheizung : 132X11 SAND HEATING Sandheizung	EDC-Steckverb. 144X11 = 144X11 TECU CONNECTOR TECU-Steckverb.	DIGITAL OUTPUT Digitalausgänge 435AO = 435AO ANALOG INPUT	Batterieschrank 172X1 = 172X1 BATTERY CABINET Batterieschrank
Bedienpult 112X3 = 112X3 DRIVERS DESK Bedienpult	Schaltschrank Socofer 122X1 = 122X1 CONTROL CABINET Schaltschrank		Achse 7	3 CONNECTOR -8 Steckverb.	410A0 = 410A0 BUS-CONNECTOR Busstecker 411A0 = 411A0	Analogeingänge 436AO = 436AO DIGITAL OUTPUT Digitalausgänge	
114X1 = 114X1 DRIVERS DESK Bedienpult 114X5 = 114X5	122X2 = 122X2 CONTROL CABINET Schaltschrank 122X4 = 122X4		390A0 = BUS-CONN Bussteck 391A0 =	IECTOR ser	DIGITAL INPUT Digitaleingänge 412AO = 412AO DIGITAL INPUT		
DRIVERS DESK Bedienpult 114X6 = 114X6	CONTROL CABINET Schaltschrank 124X1 = 124X1		DIGITAL Digitale 393AO =	eingänge	Digitaleingänge 413AO = 413AO DIGITAL OUTPUT	AREA =16 Bereich 16	
DRIVERS DESK Bedienpult 114X61 = 114X61	CONTROL CABINET Schaltschrank		DIGITAL Digitala 394AO =	usgänge	Digitalausgänge 415AO = 415AO ANALOG INPUT	161X1 = 161X1 FUEL TANK Kraftstofftank	AREA =18 Bereich 18
DRIVERS DESK TCA Bedienpult TCA 115X1 = 115X1	125X1 = 125X1 CONTROL CABINET TPWS Schaltschrank TPWS		DIGITAL Digitala 395AO =	usgänge 395A0	Analogeingänge 416AO = 416AO DIGITAL OUTPUT	161X2 = 161X2 SANDING AXLE 6 Sanden Achse 6	181X1 = 181X1 INTER VEHICLE CONNECTORS
DRIVERS DESK TPWS Bedienpult TPWS 310A0 = 310A0	340A0 = 340A0 BUS-CONNECTOR Busstecker	0050 40	DIGITAL Digitala 396AO =	usgänge 396A0	Digitalausgänge	161X10 = 161X10 AXLE 6 SPEED SENSOR Achse 6 Geschw Sensor	182X1 = 182X1 INTER VEHICLE CONNECTORS
BUS CONNECTOR Busstecker 310A1 = 310A1	354AO = 354AO BUS-CONNECTOR	AREA = 13 Bereich 13	DIGITAL Digitala		AREA =15 Bereich 15	161X11 = 161X11 AXLE 5 SPEED SENSOR Achse 5 Geschw Sensor	183X1 = 183X1 INTER VEHICLE CONNECTORS
BUS CONNECTOR Busstecker 313AO = 313AO	Busstecker 355AO = 355AO ANALOG OUTPUT	132X1 = 132X1 PNEUMATIC Pneumatik			154X1 = 154X1 ENGINE 4 Motor 4	162X10 = 162X10 AXLE 6 SAND HEATING Achse 6 Sandheizung	081X10 = 081X10 INTER VEHICLE CONNECTORS
DIGITAL INPUT Digitaleingänge 329A1X2 = 329A1X2	Analogausgänge 12L- = 12L-	132X2 = 132X2 PARKING BRAKE Handbremse			154X10 = 154X10 EDC CONNECTOR EDC-Steckverb.	162X11 = 162X11 AXLE 6 SAND HEATING Achse 6 Sandheizung	18L- = 18L- L- BUSBAR L- Schiene
DRIVERS DESK DISPLAY Bedienpult Display 308	CONTROL CABINET L- Schaltschrank L-	134X30 = 134X30 HEATING Heizung			154X11 = 154X11 TECU CONNECTOR TECU-Steckverb.	164X10 = 164X10 AXLE 5+6 CONNECTOR Achse 5+6 Steckverb.	082X10 = 082X10 INTER VEHICLE CONNECTORS
	18. 07. 2003 MULTI-PURPOSE-	VEHICLE (MPV)		Übersicht	Klemmenleisten	160 866 S	=
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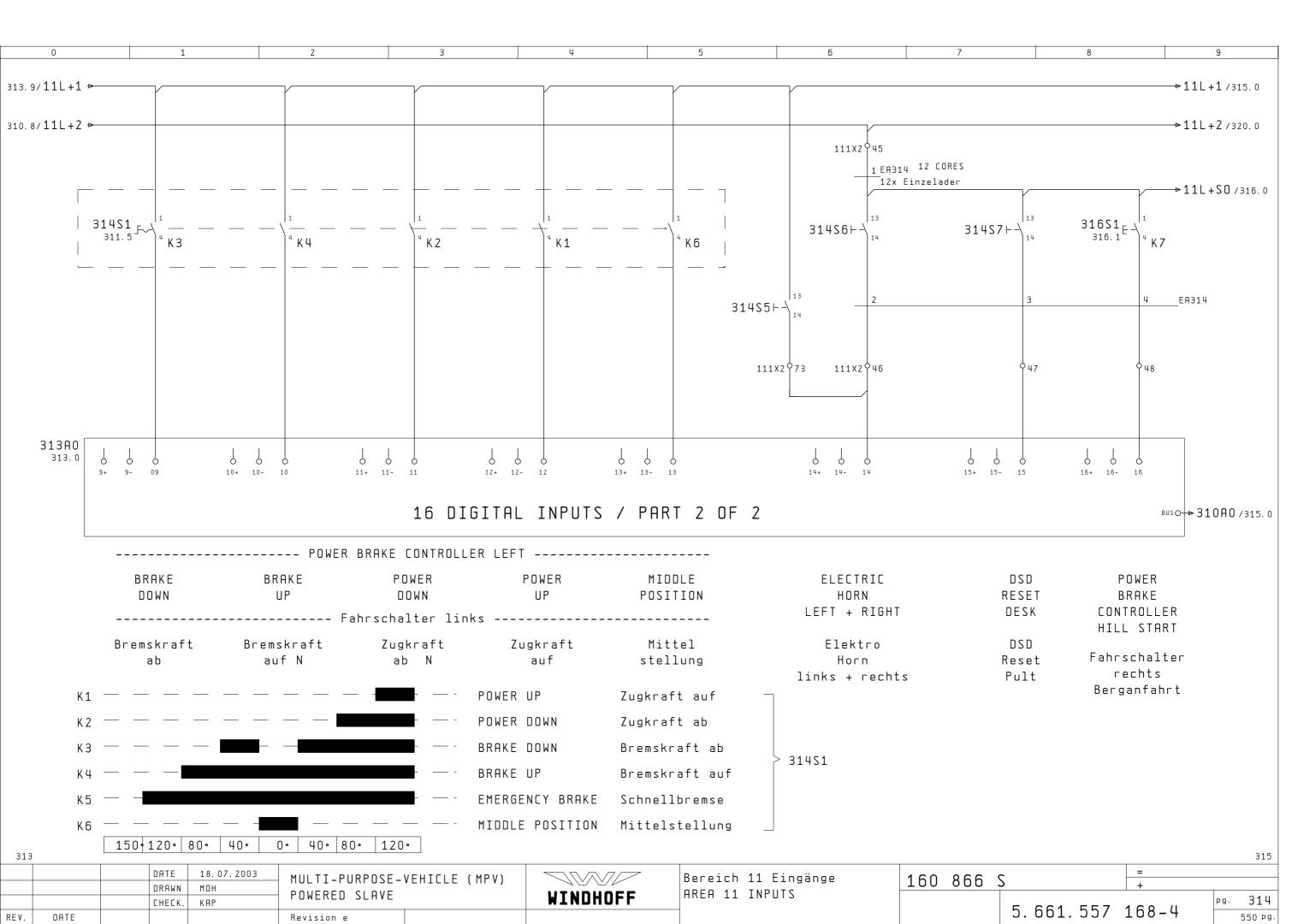
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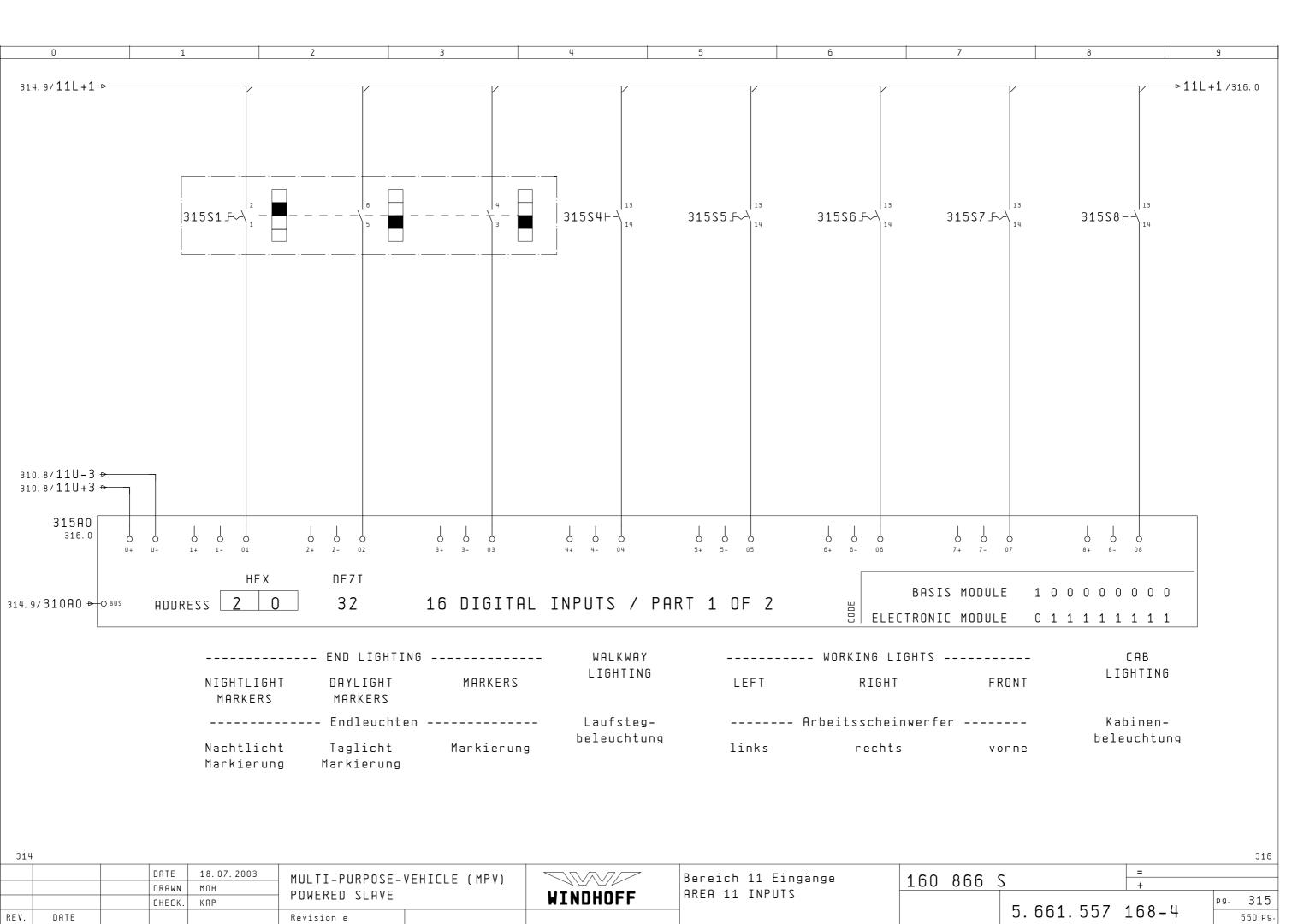
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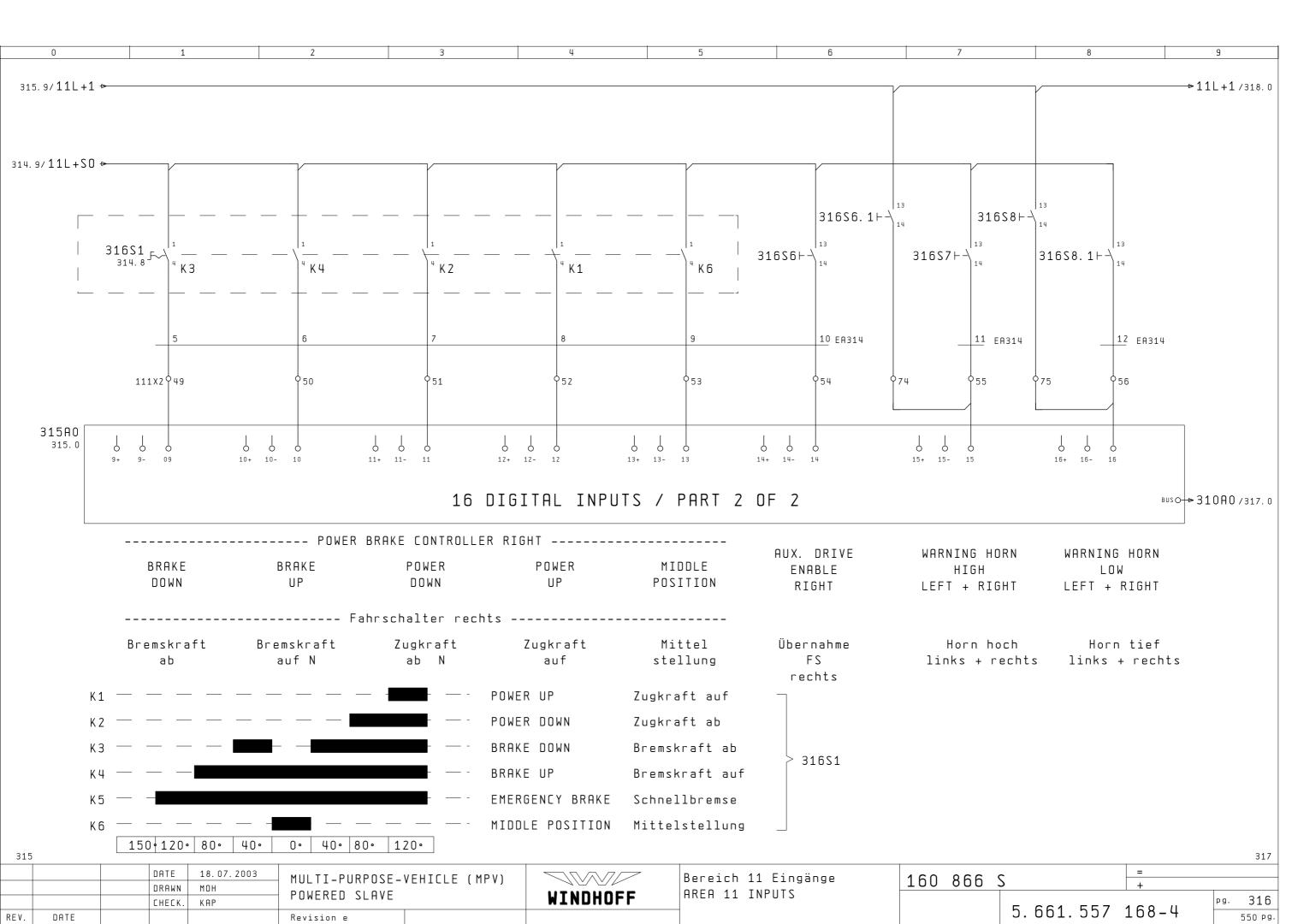
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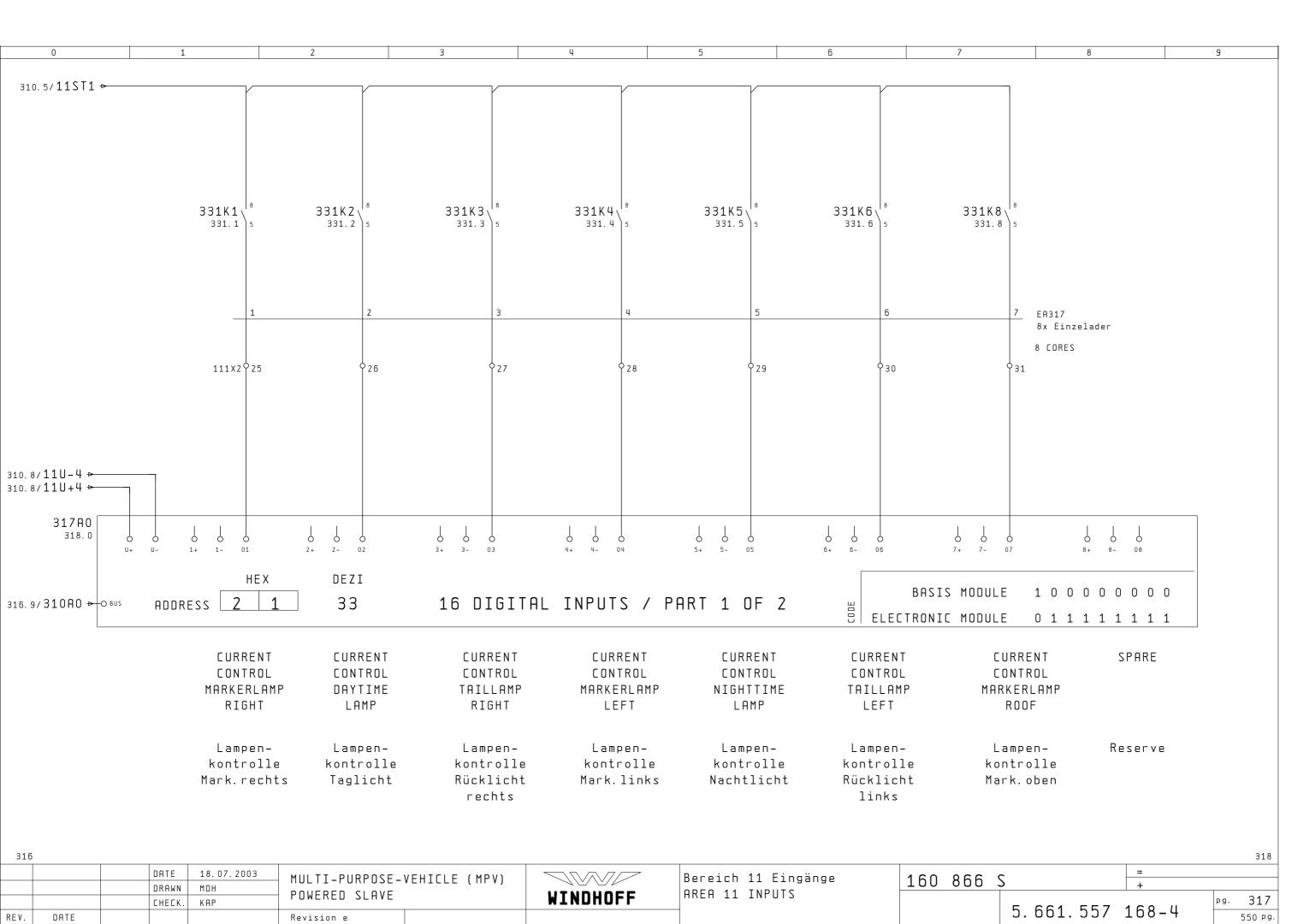
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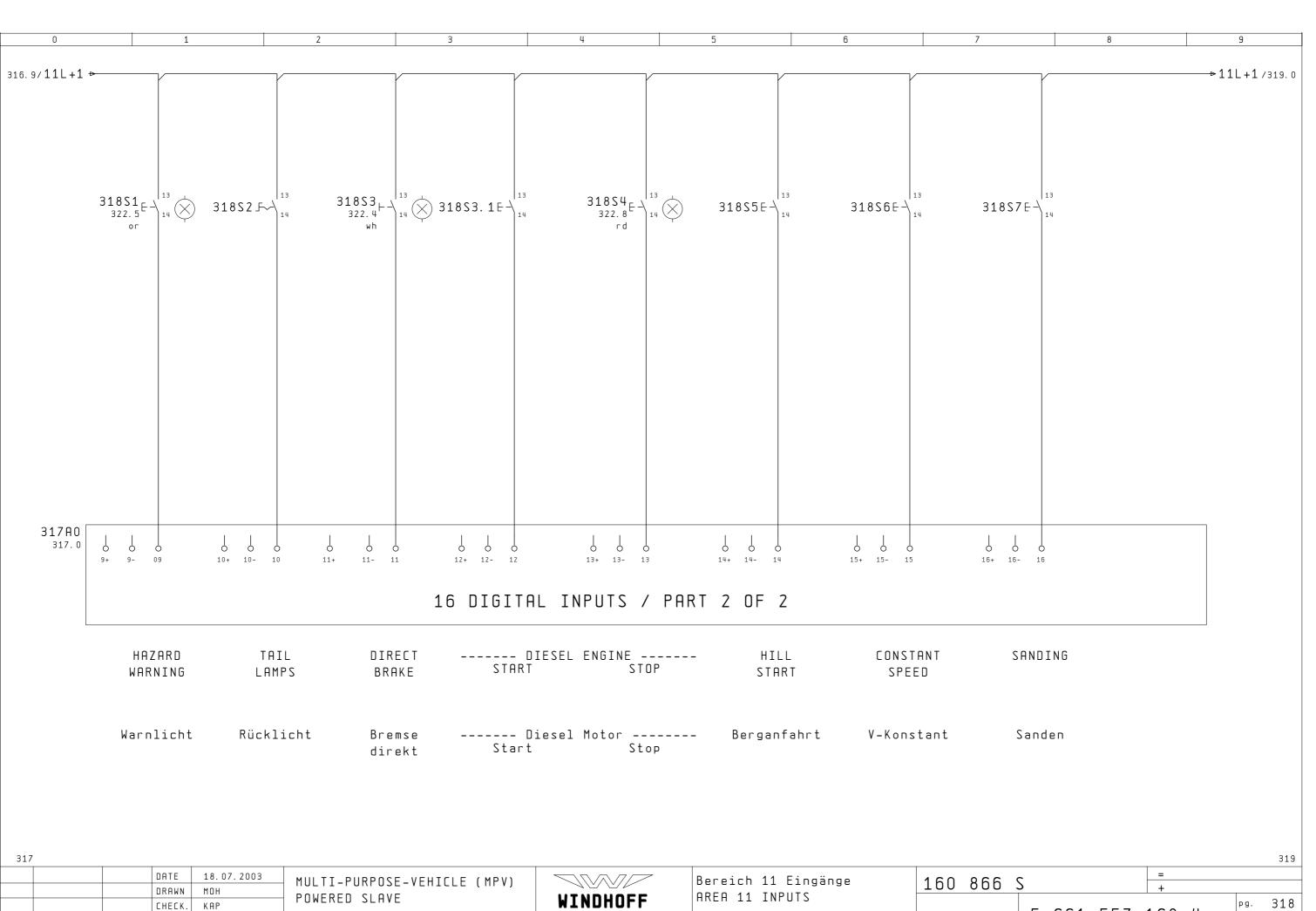
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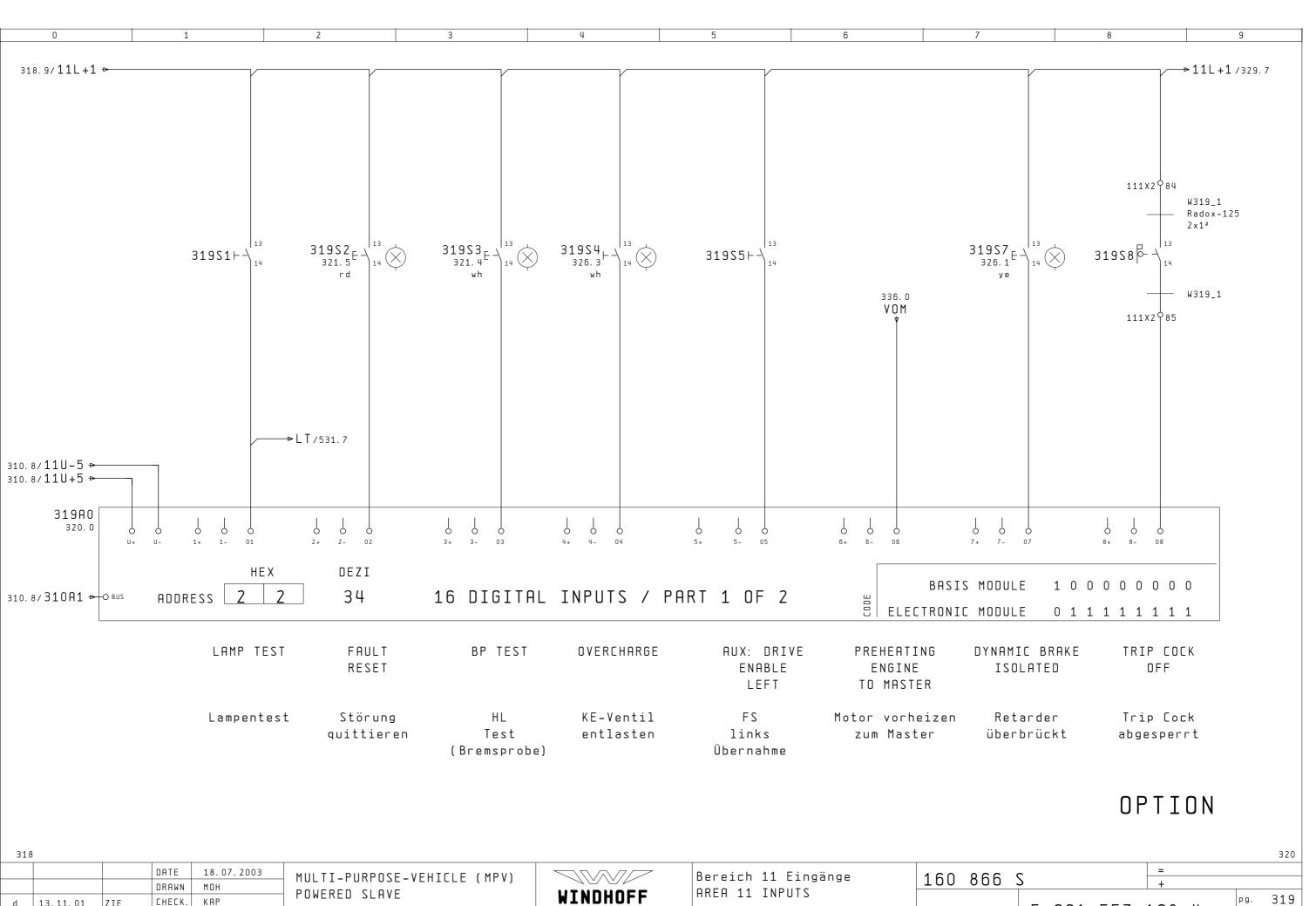


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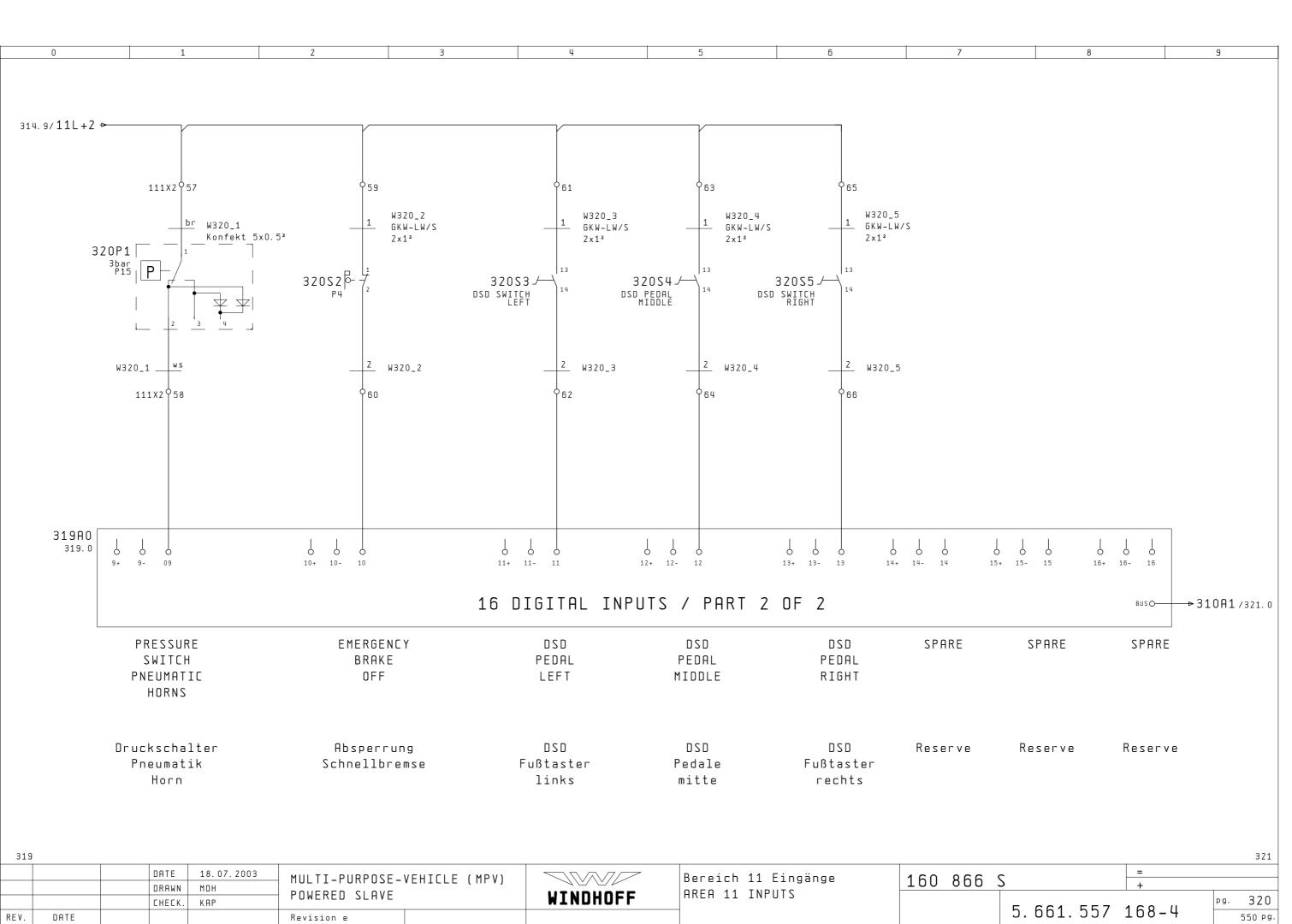
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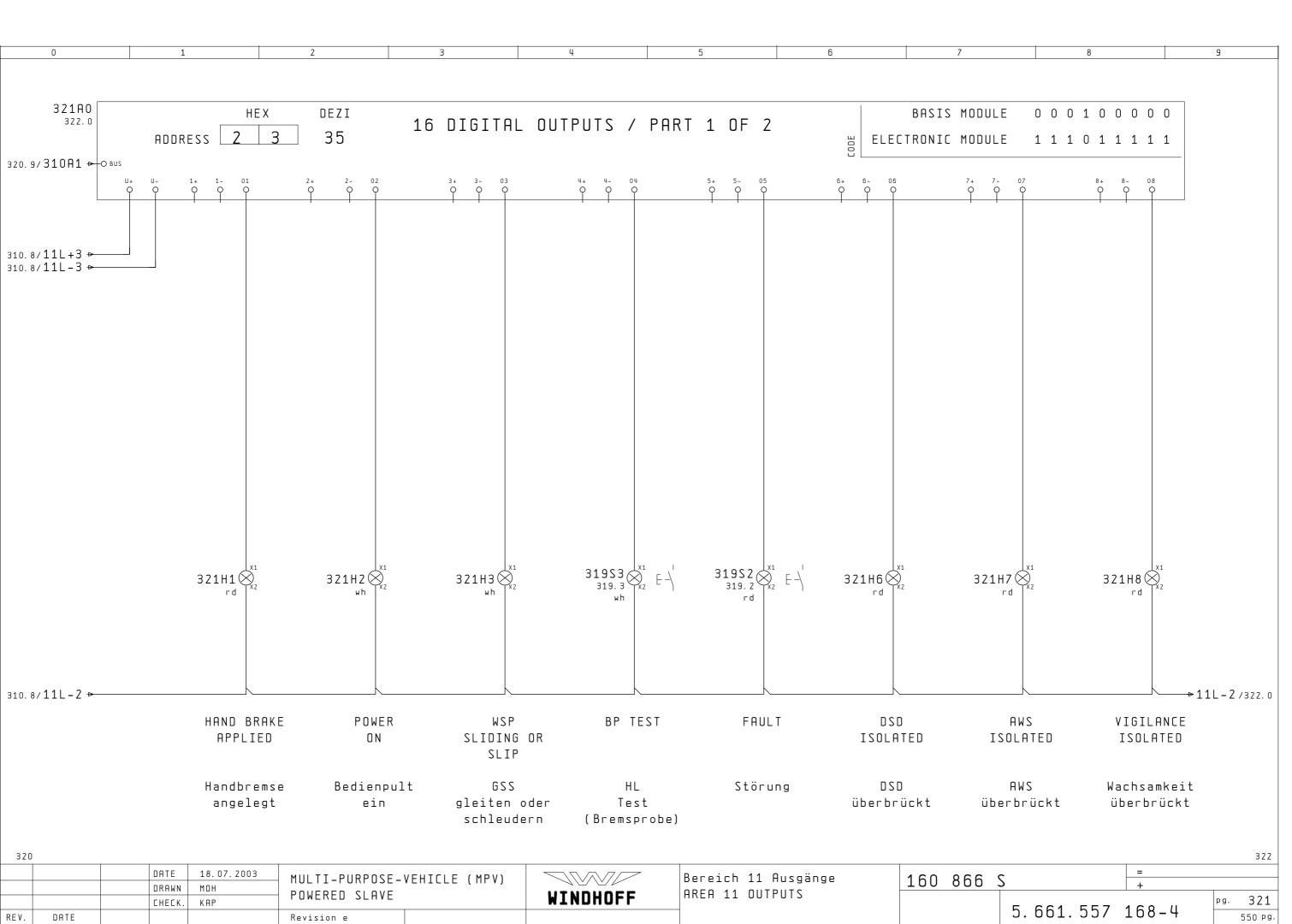
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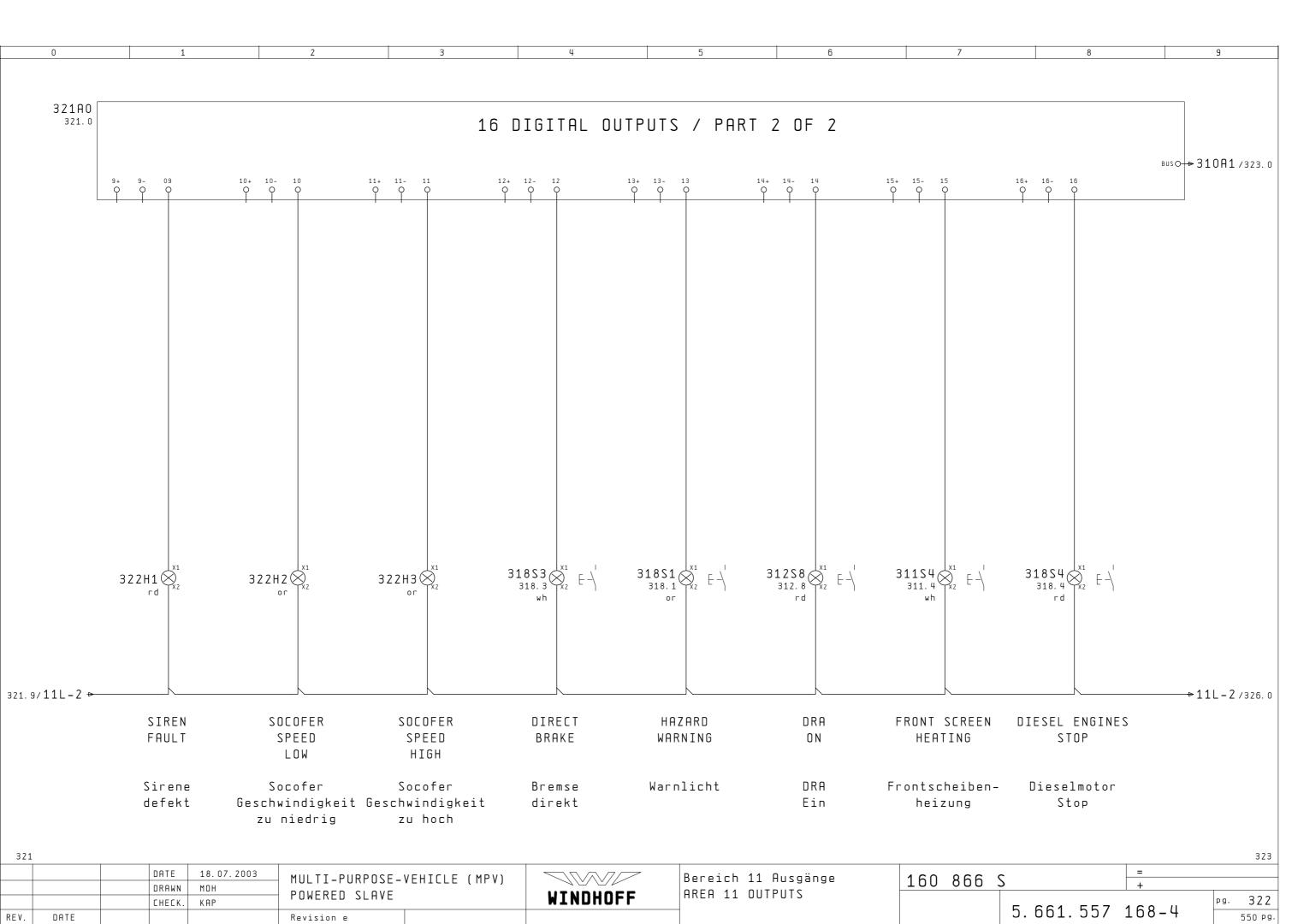
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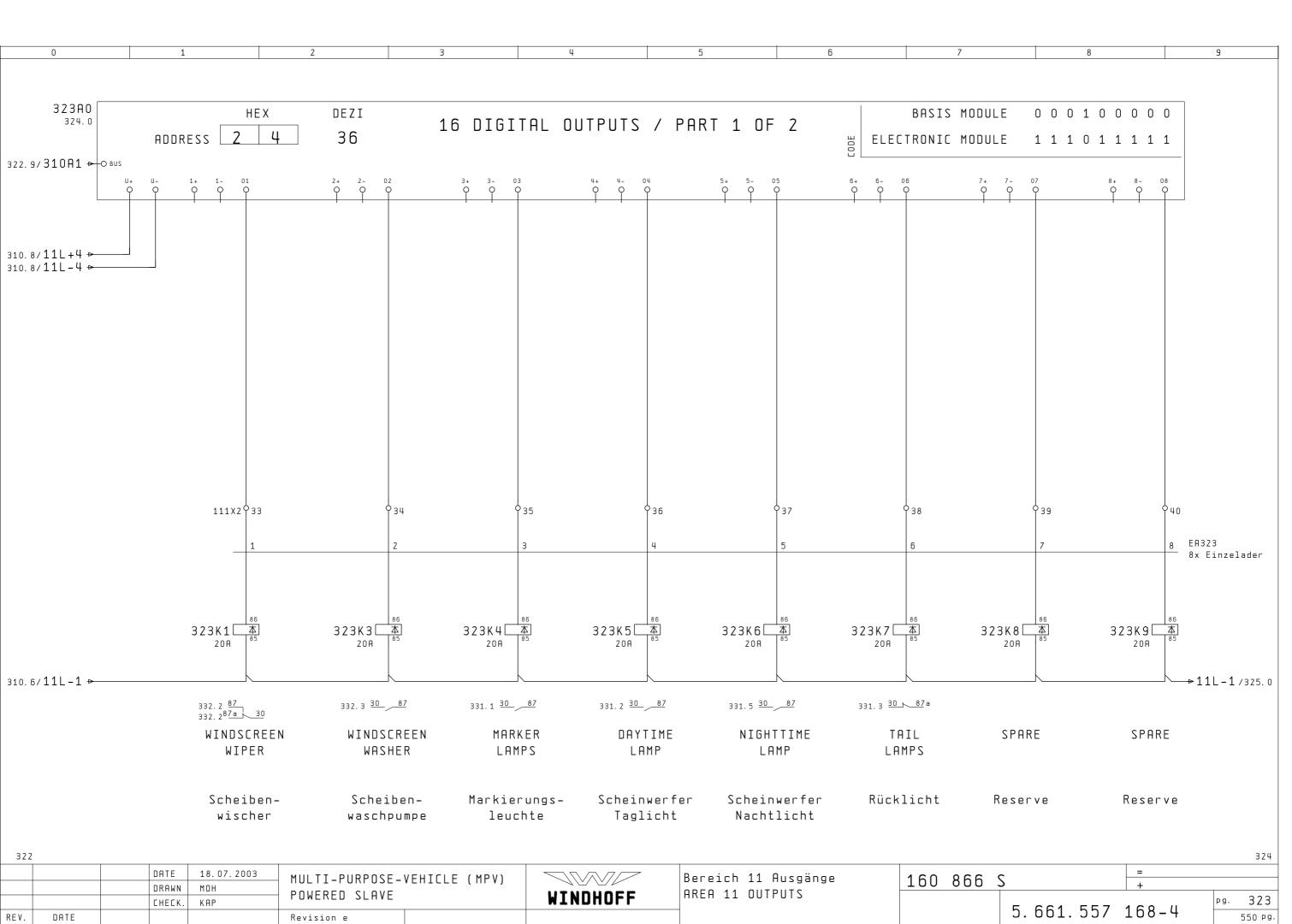
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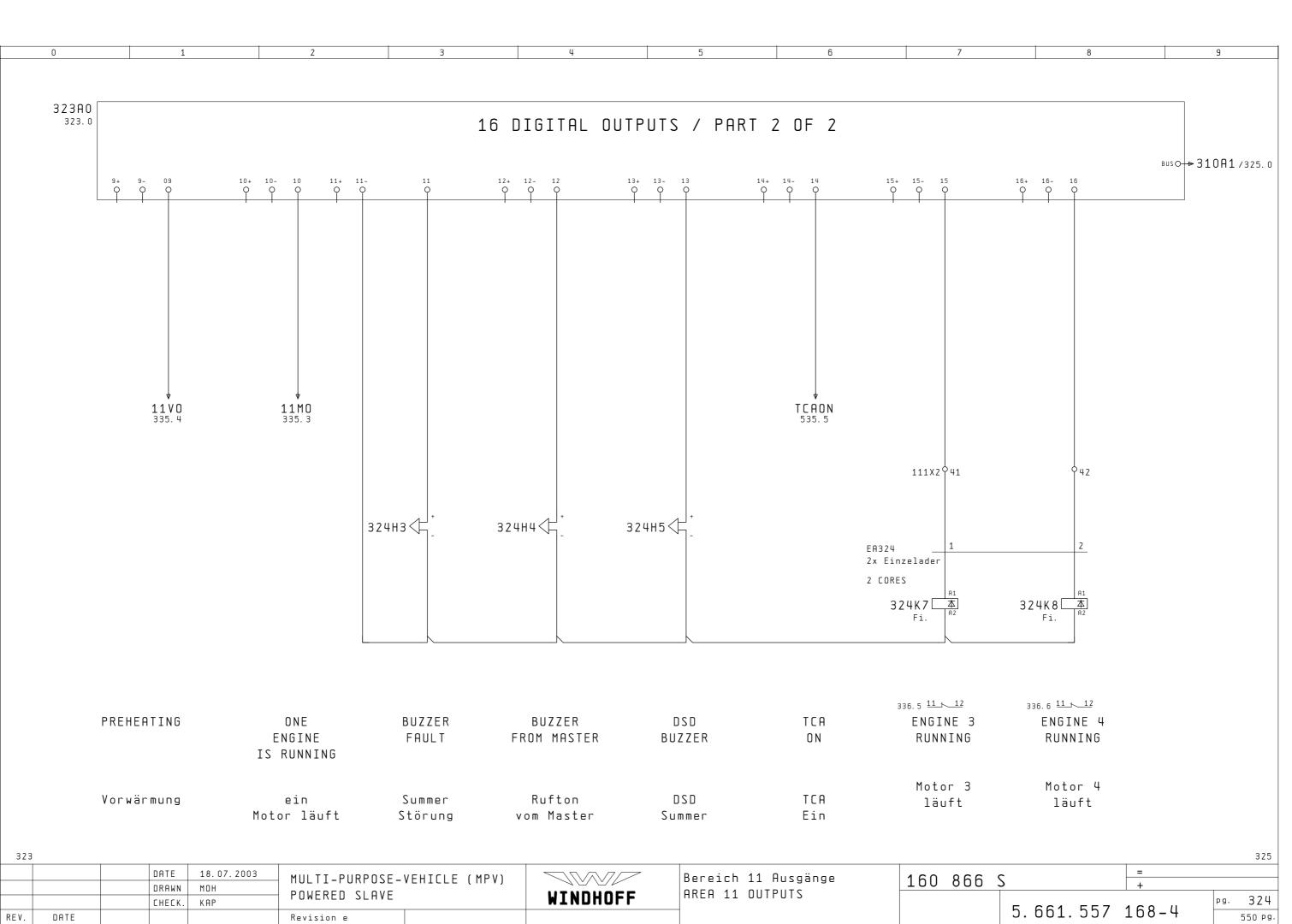
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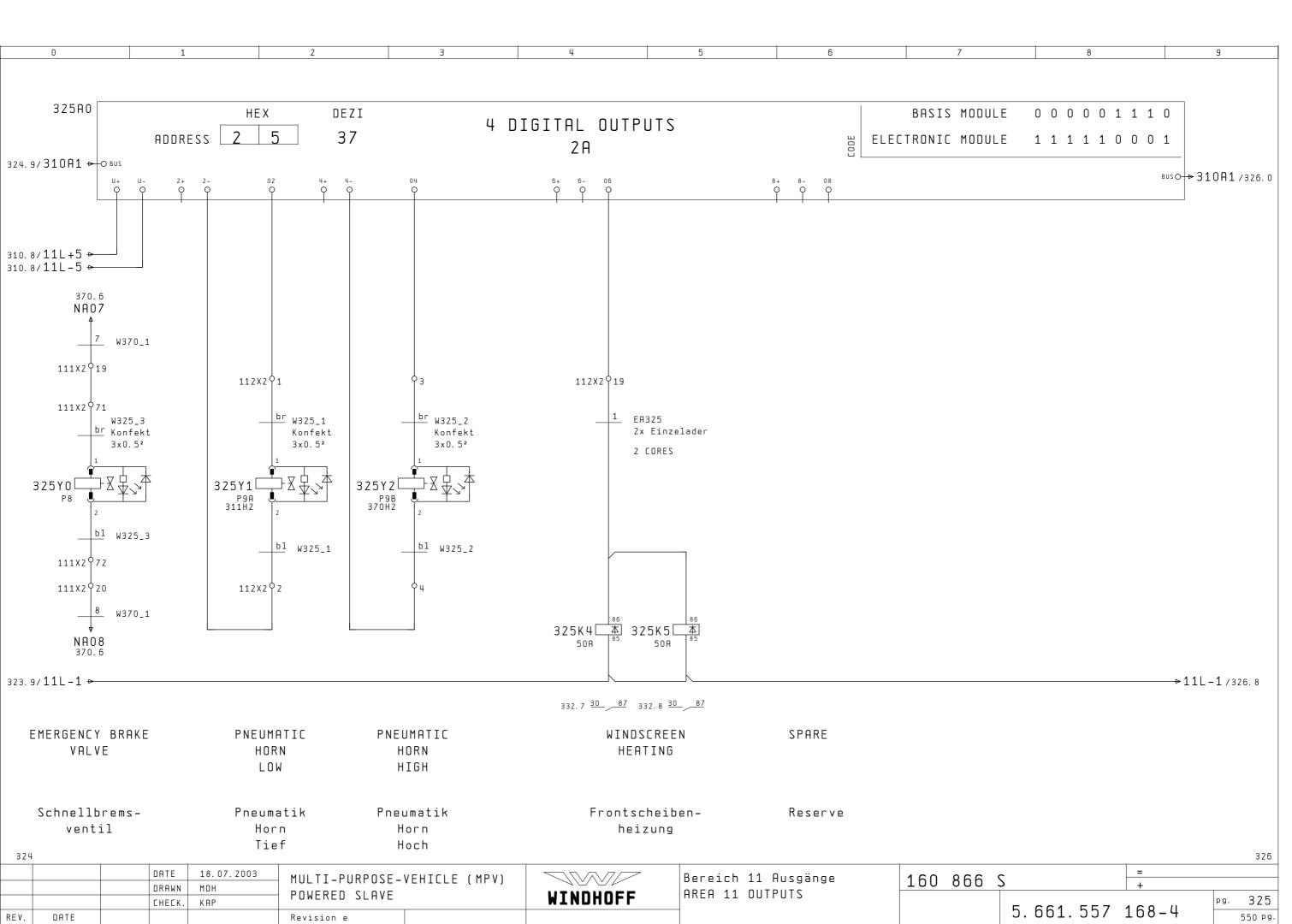


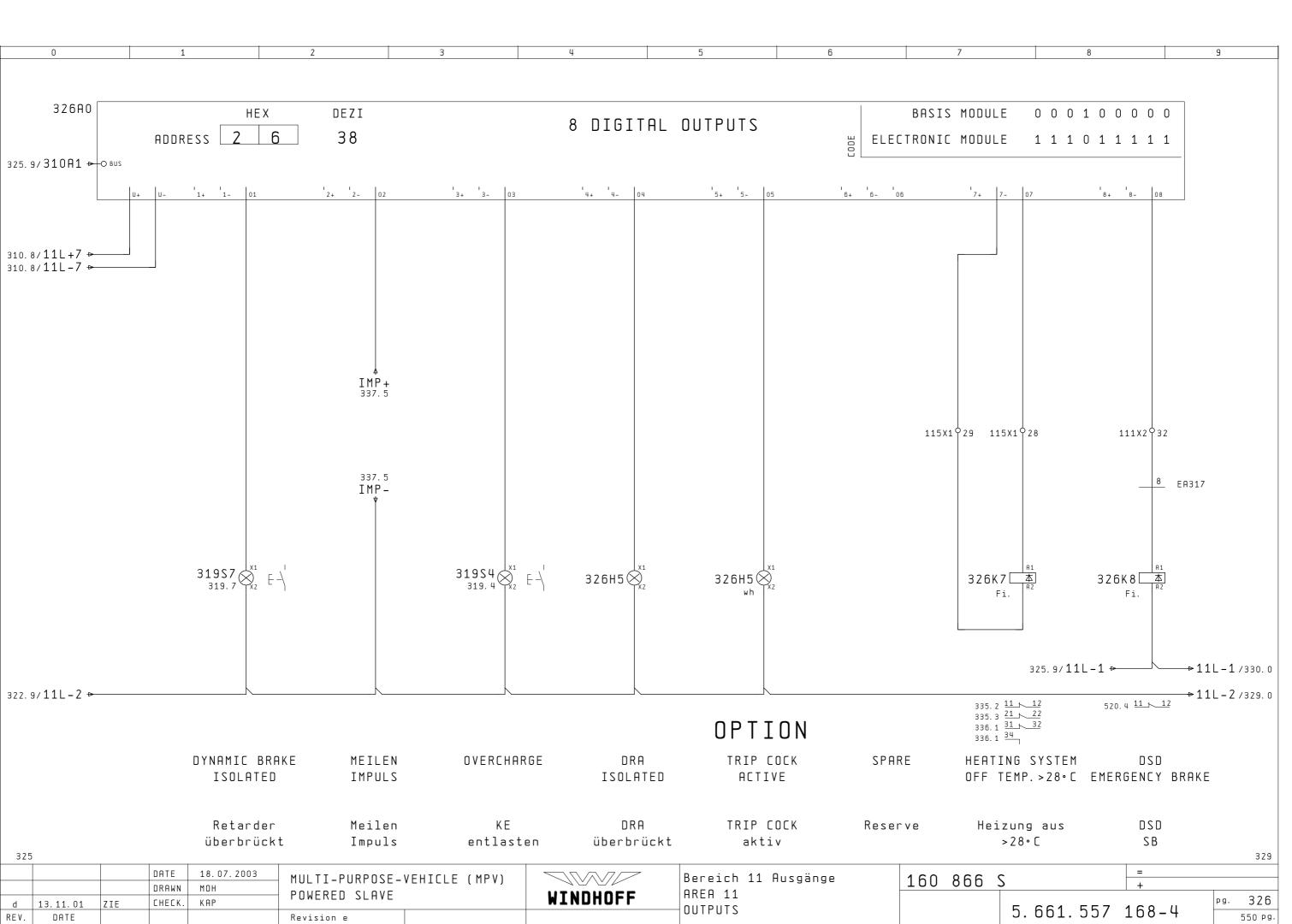


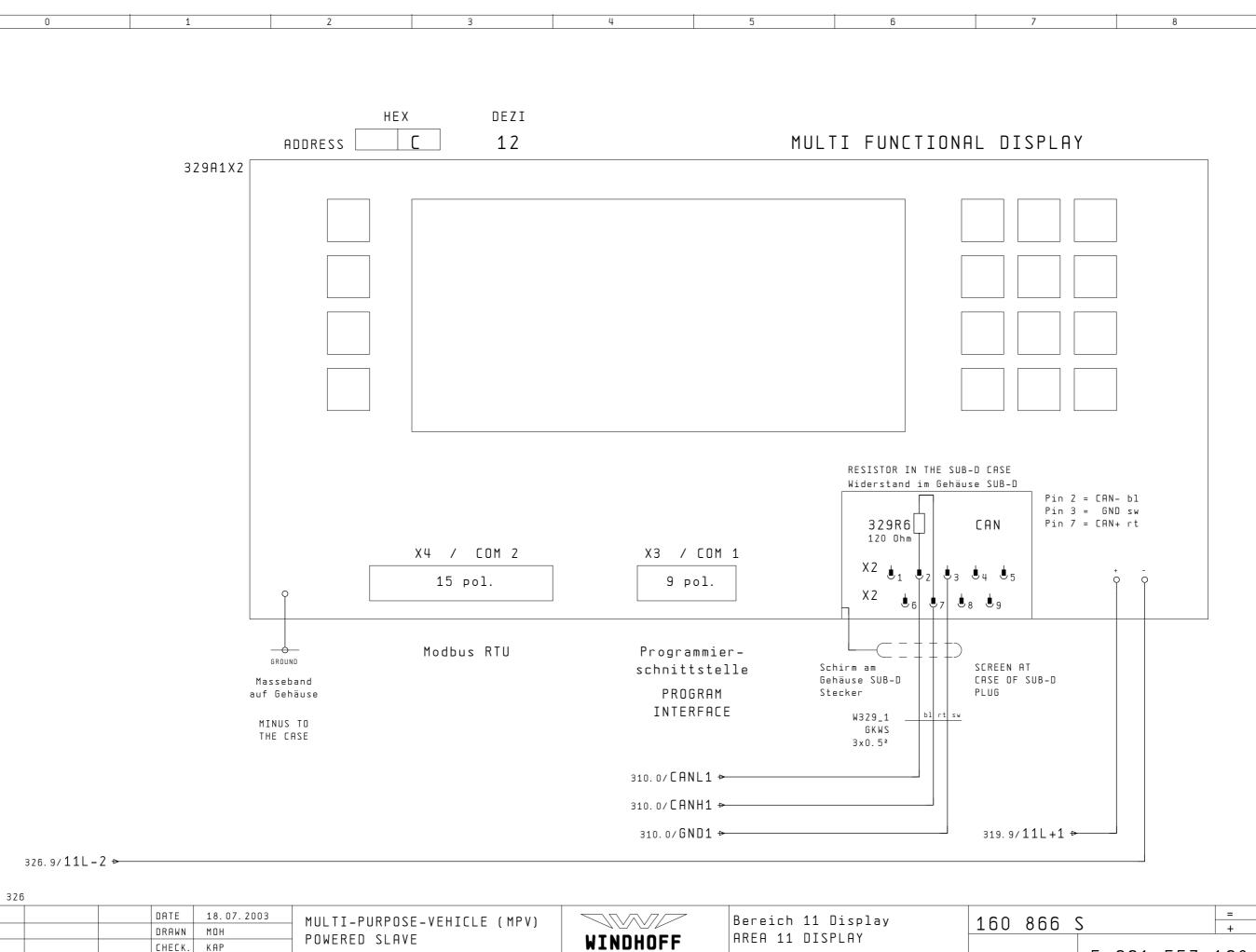












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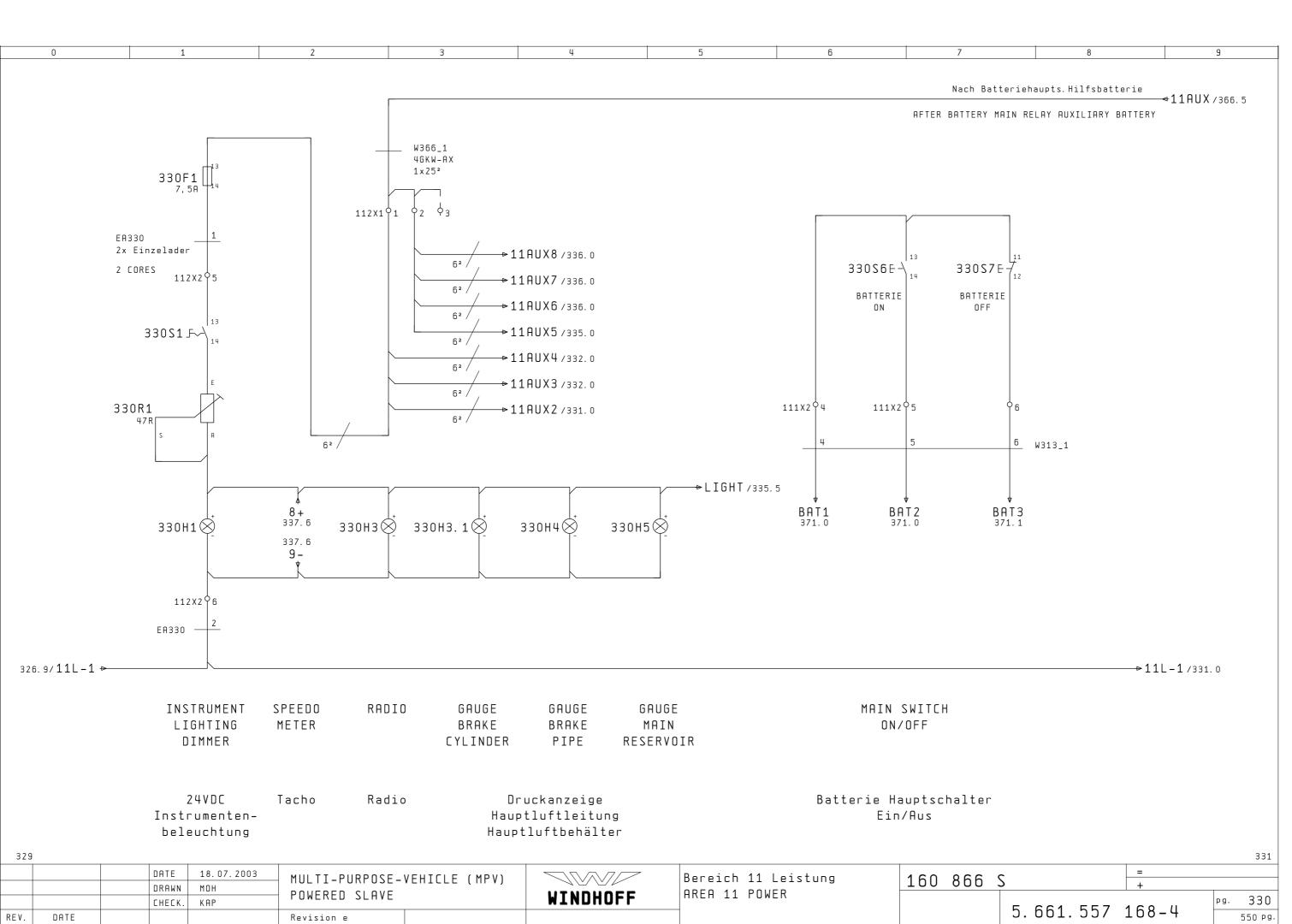
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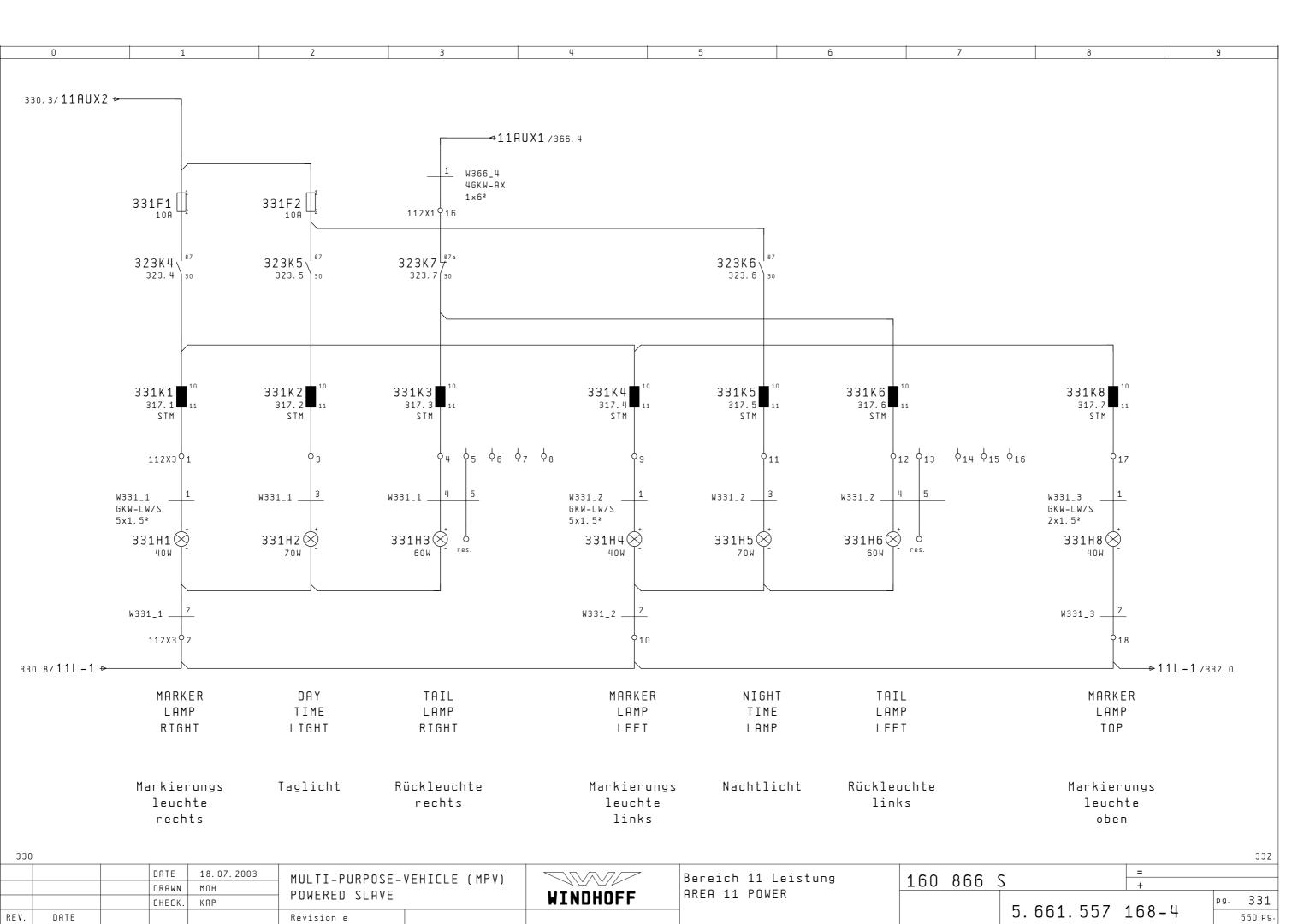
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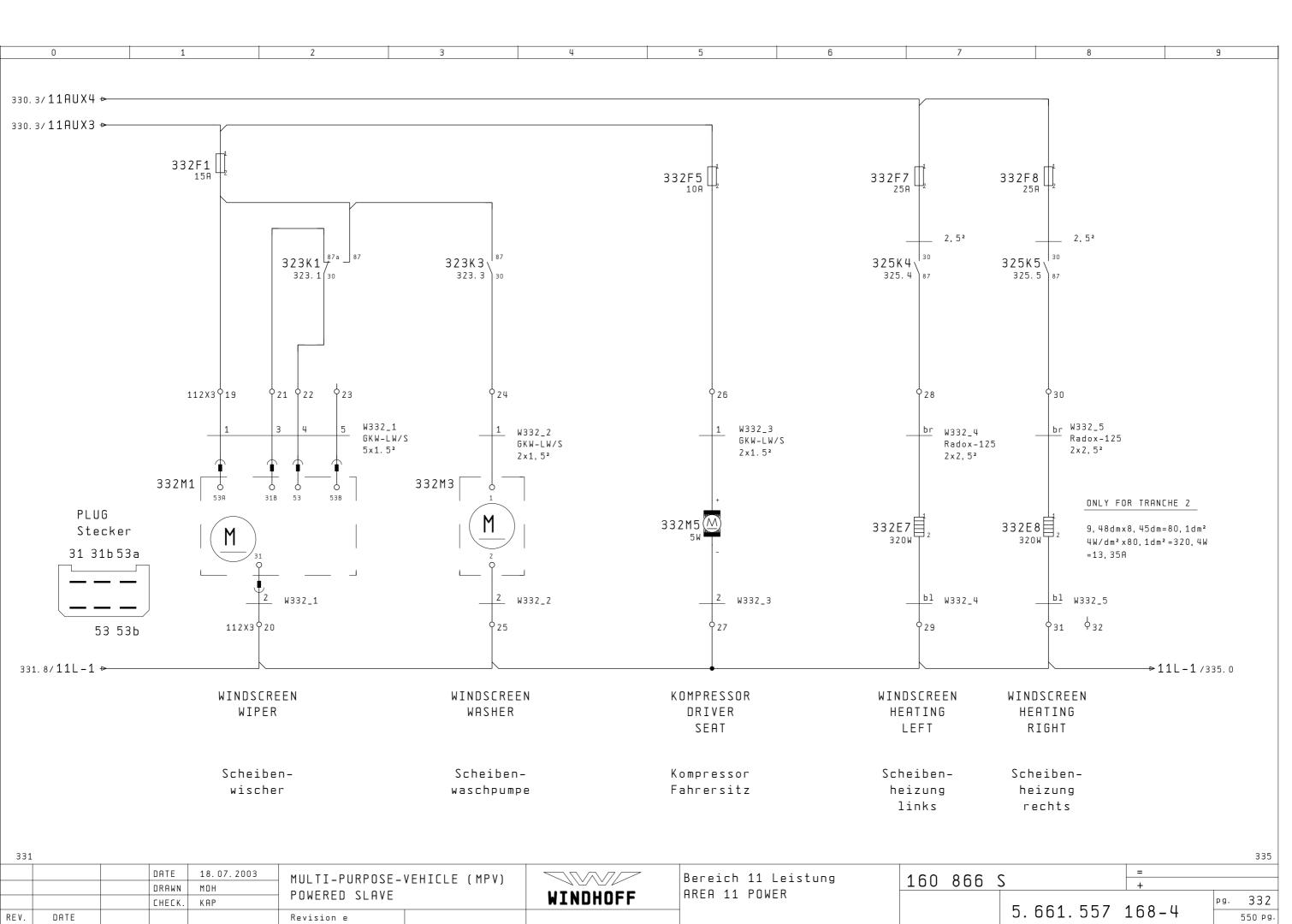
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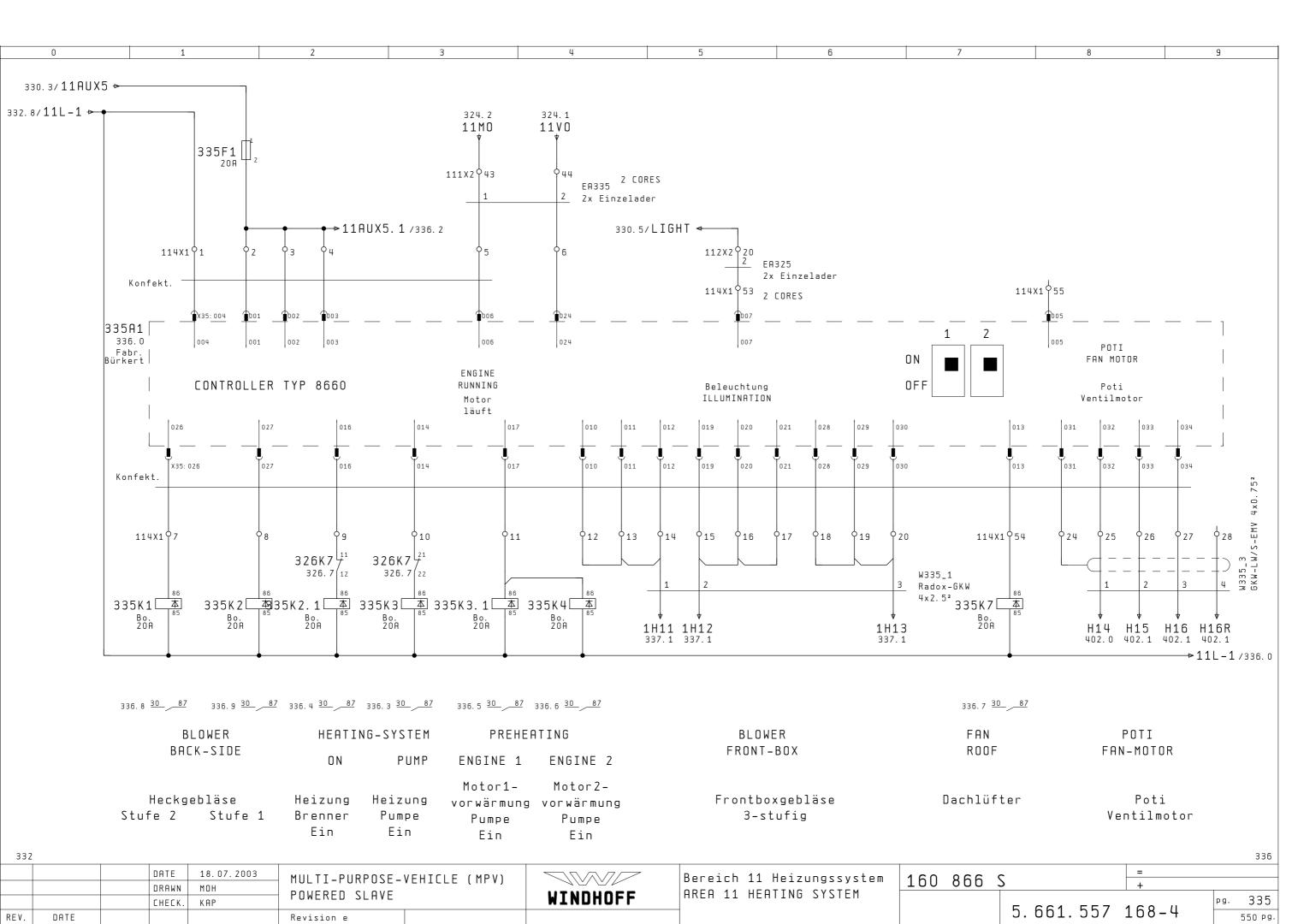
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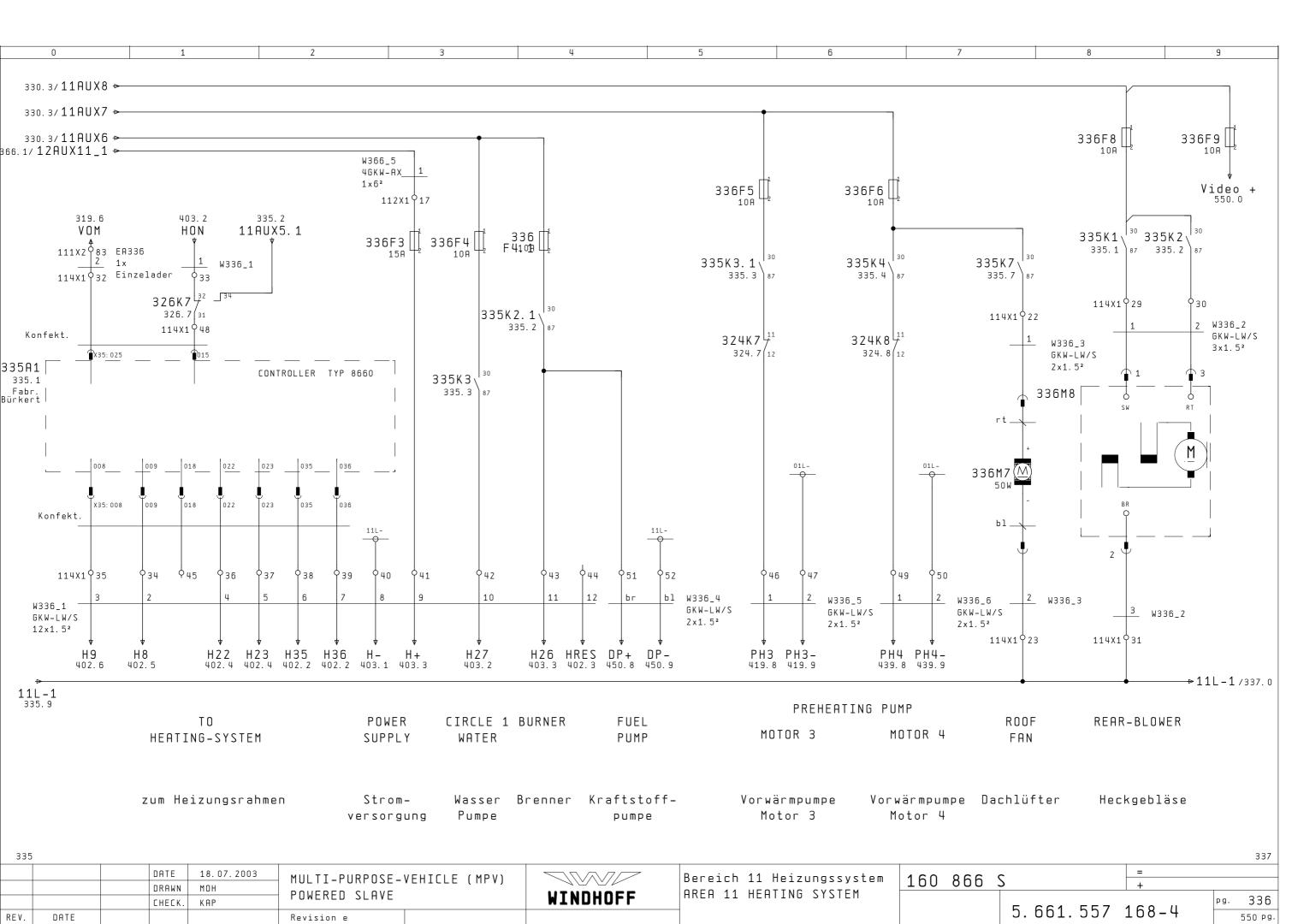
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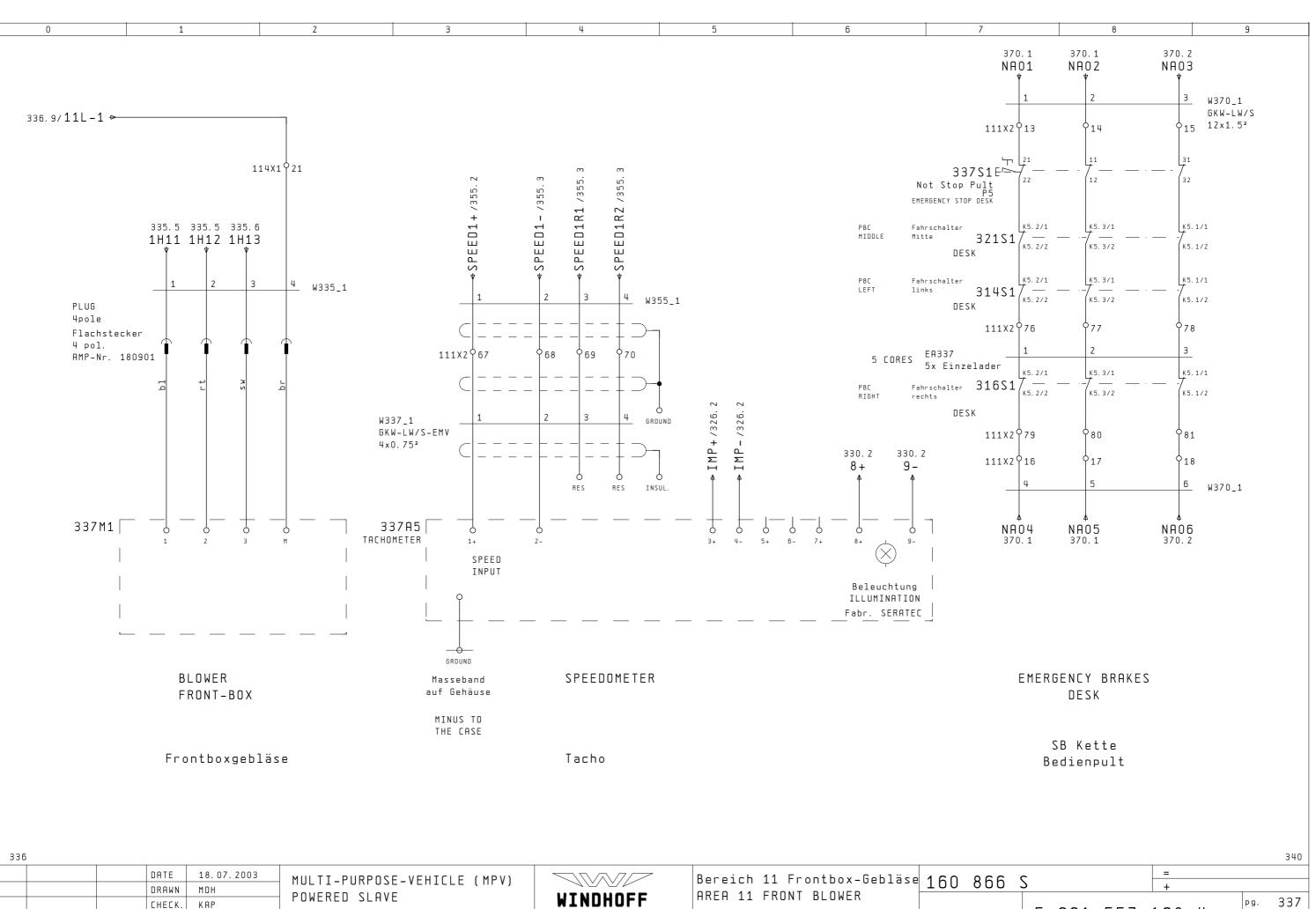












POWERED SLAVE

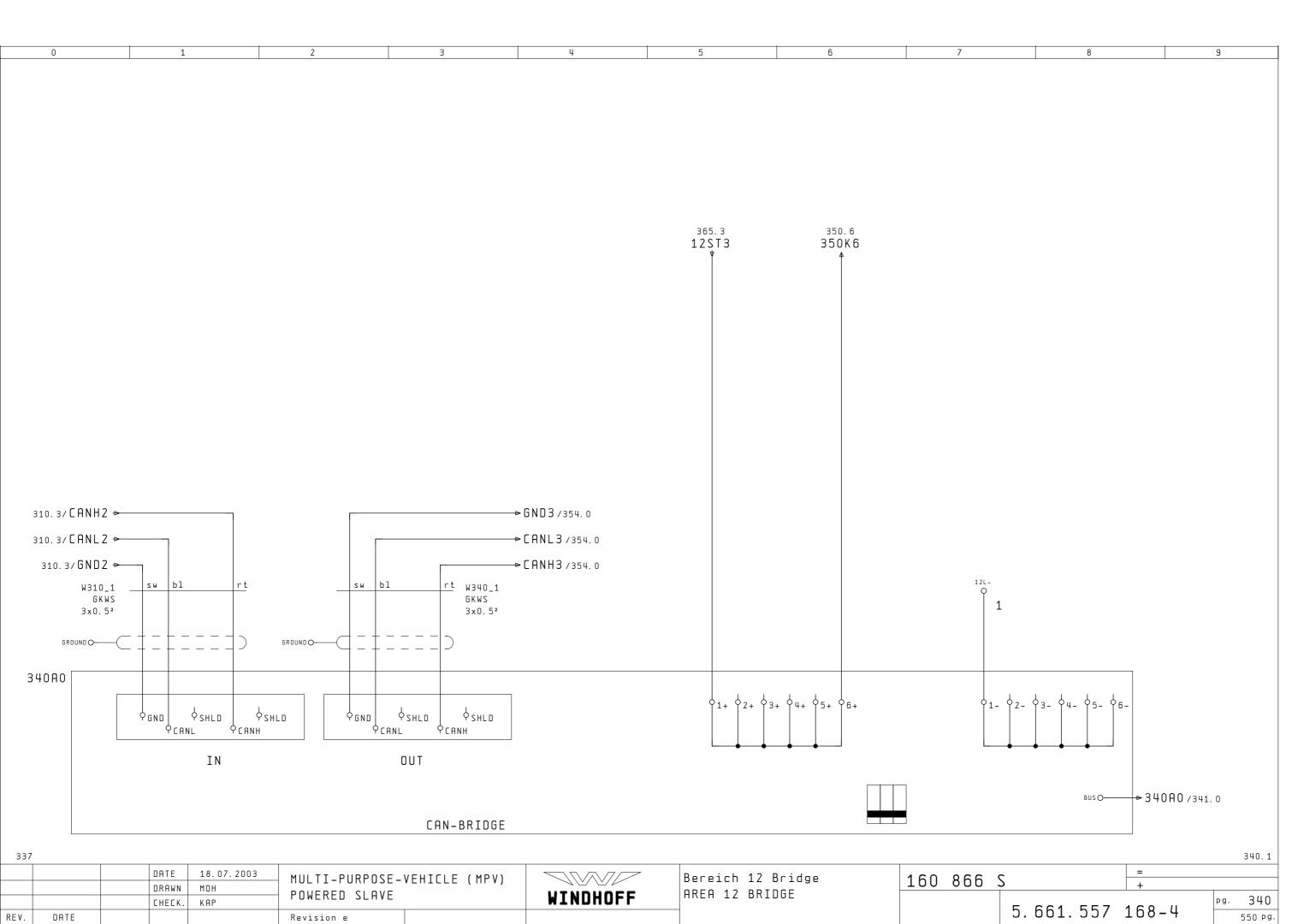
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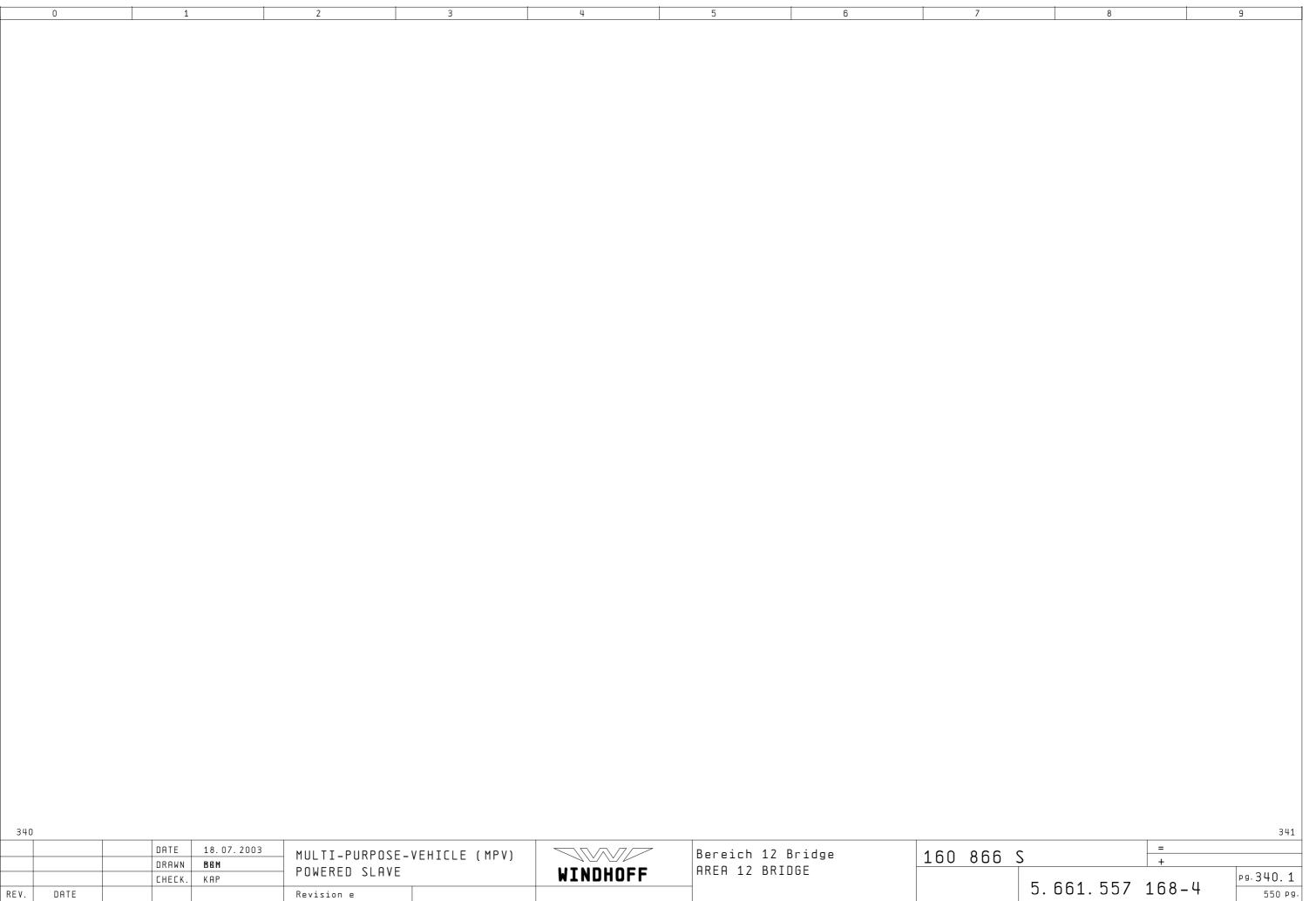
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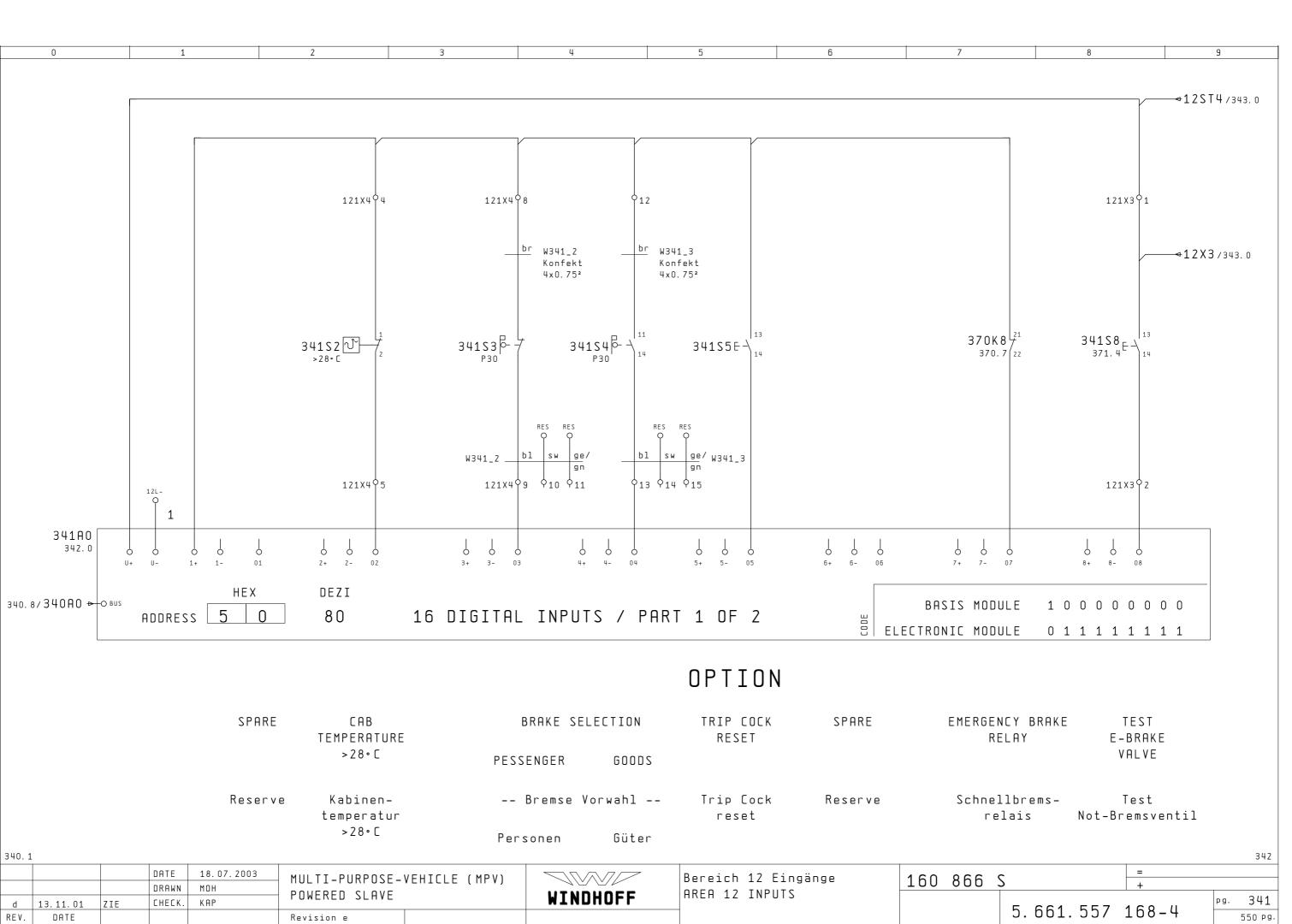
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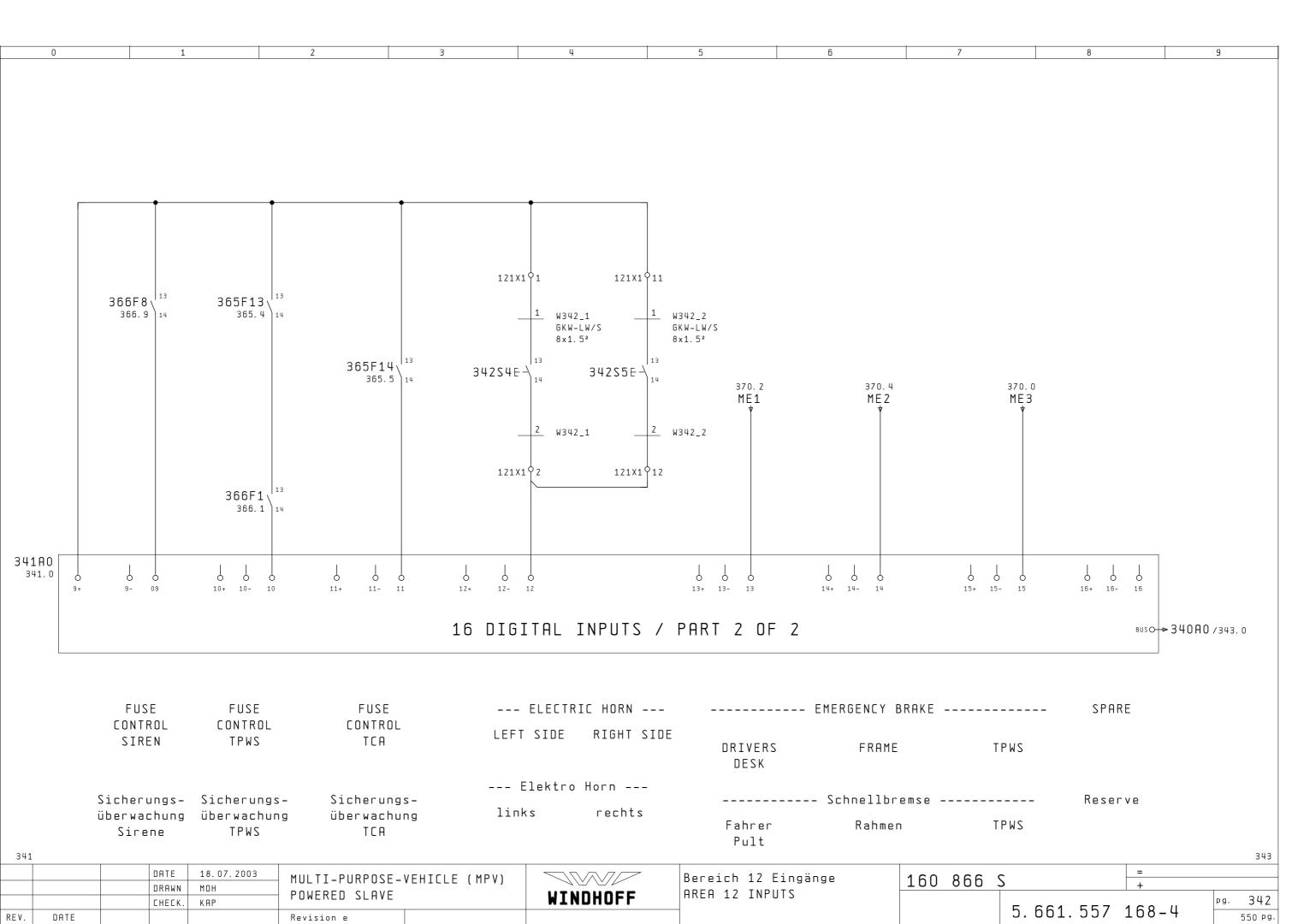
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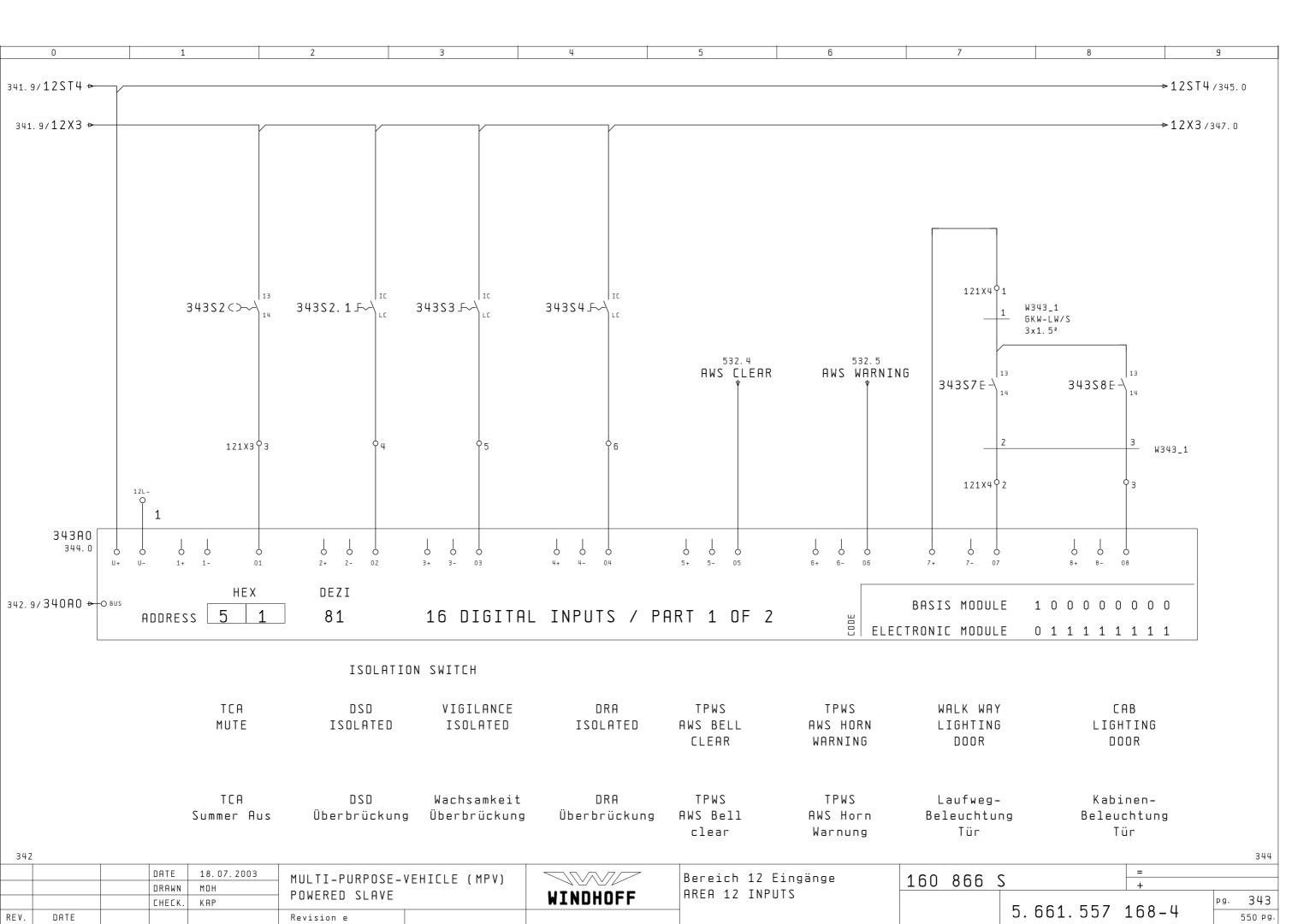
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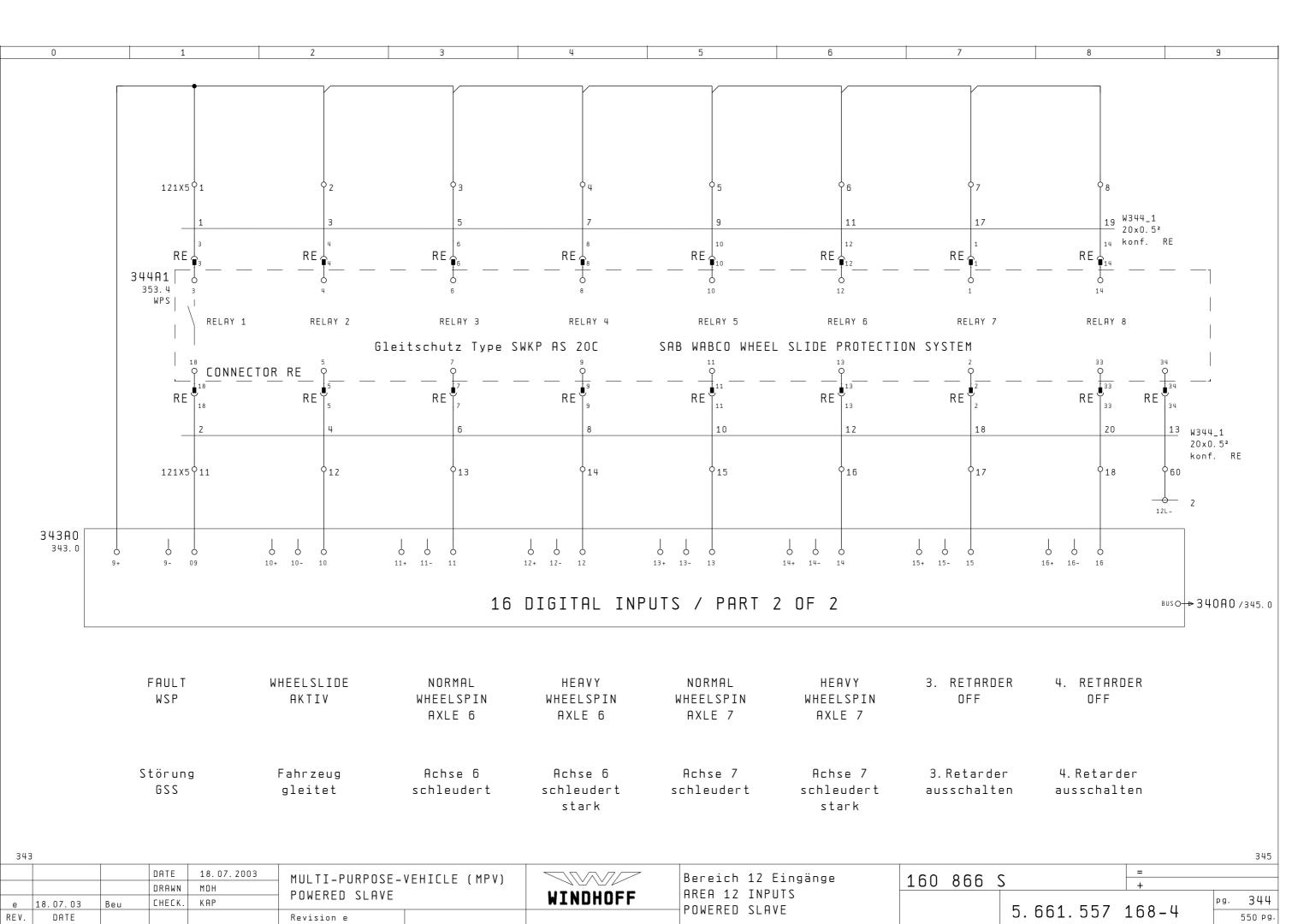


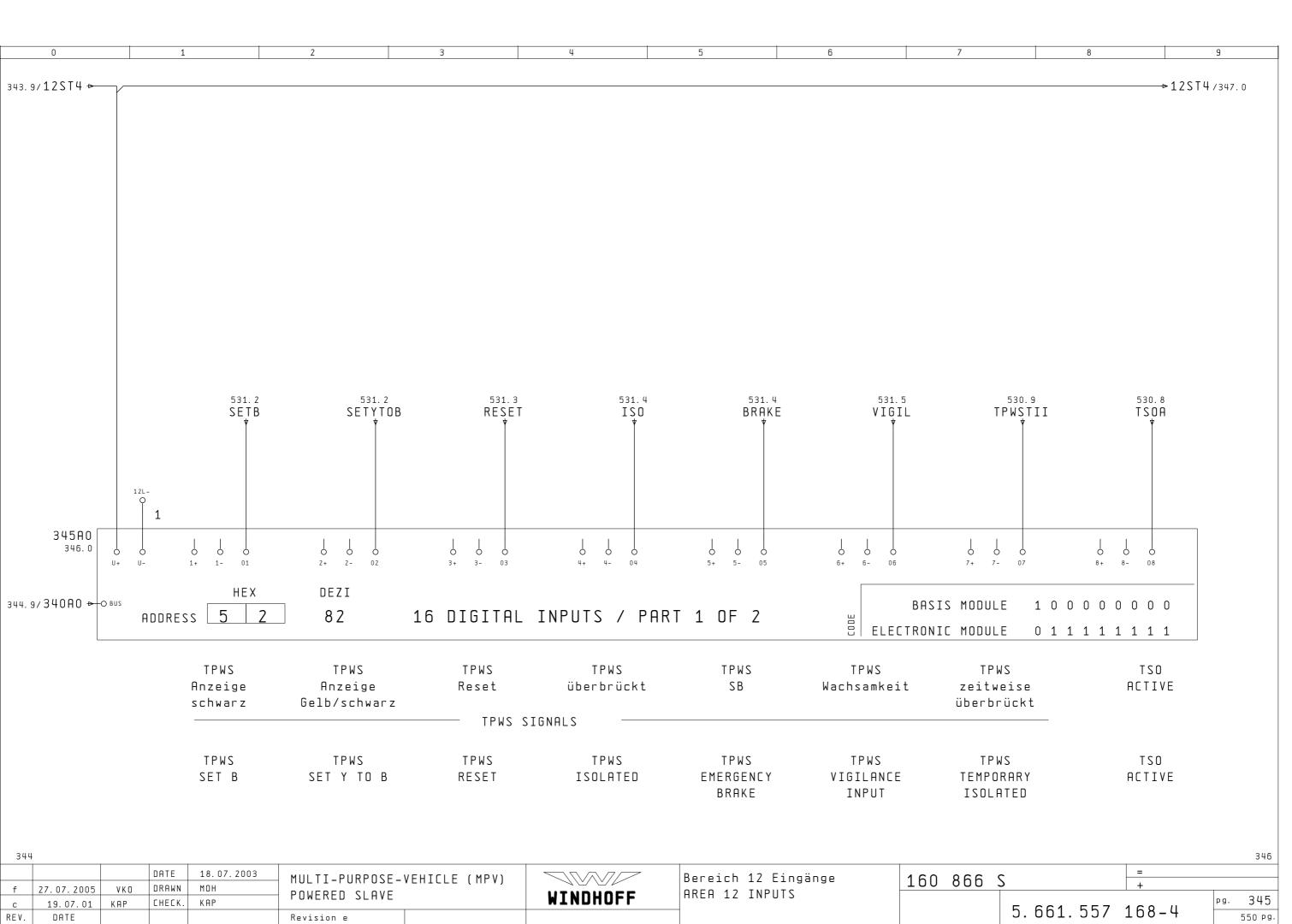


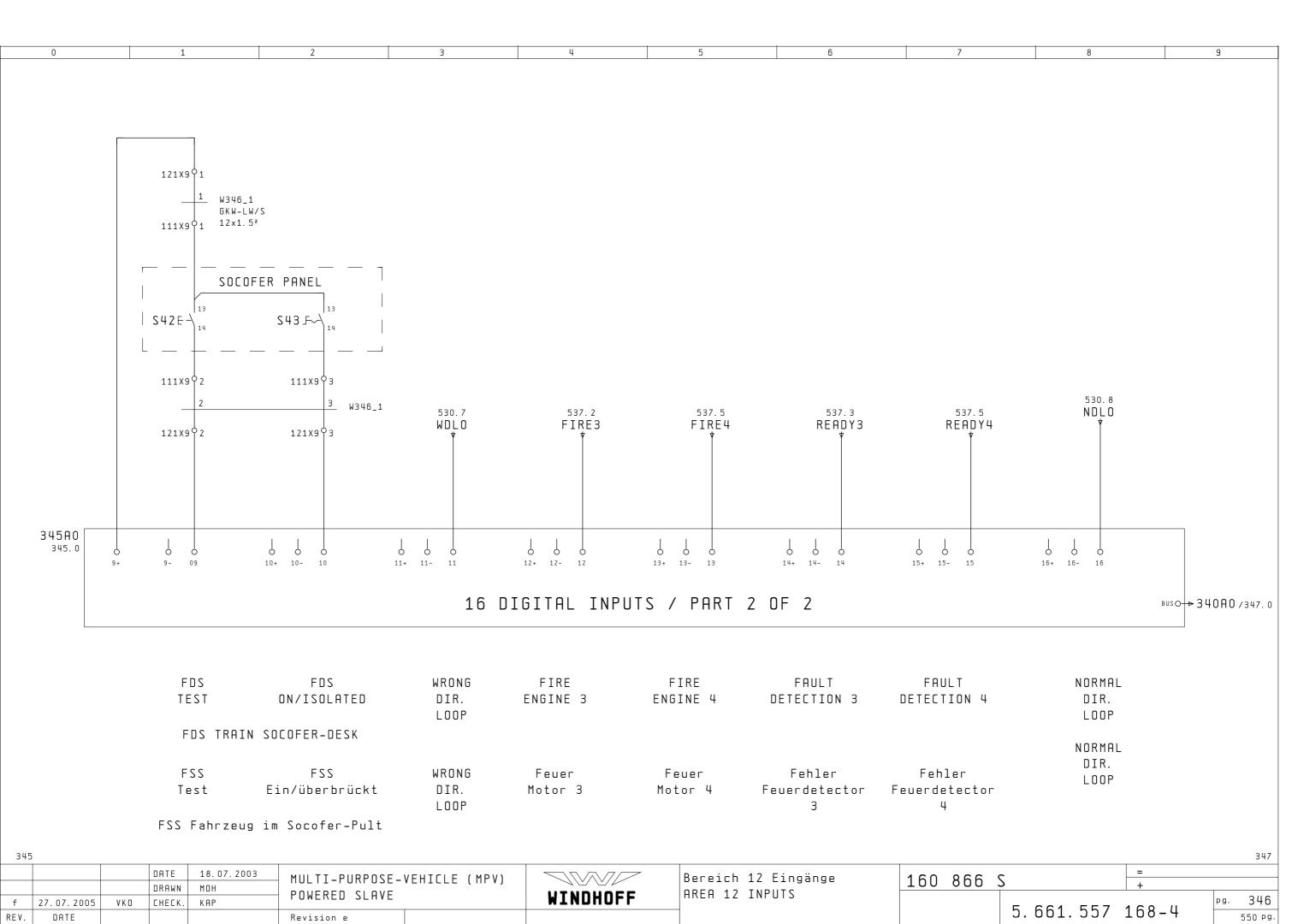


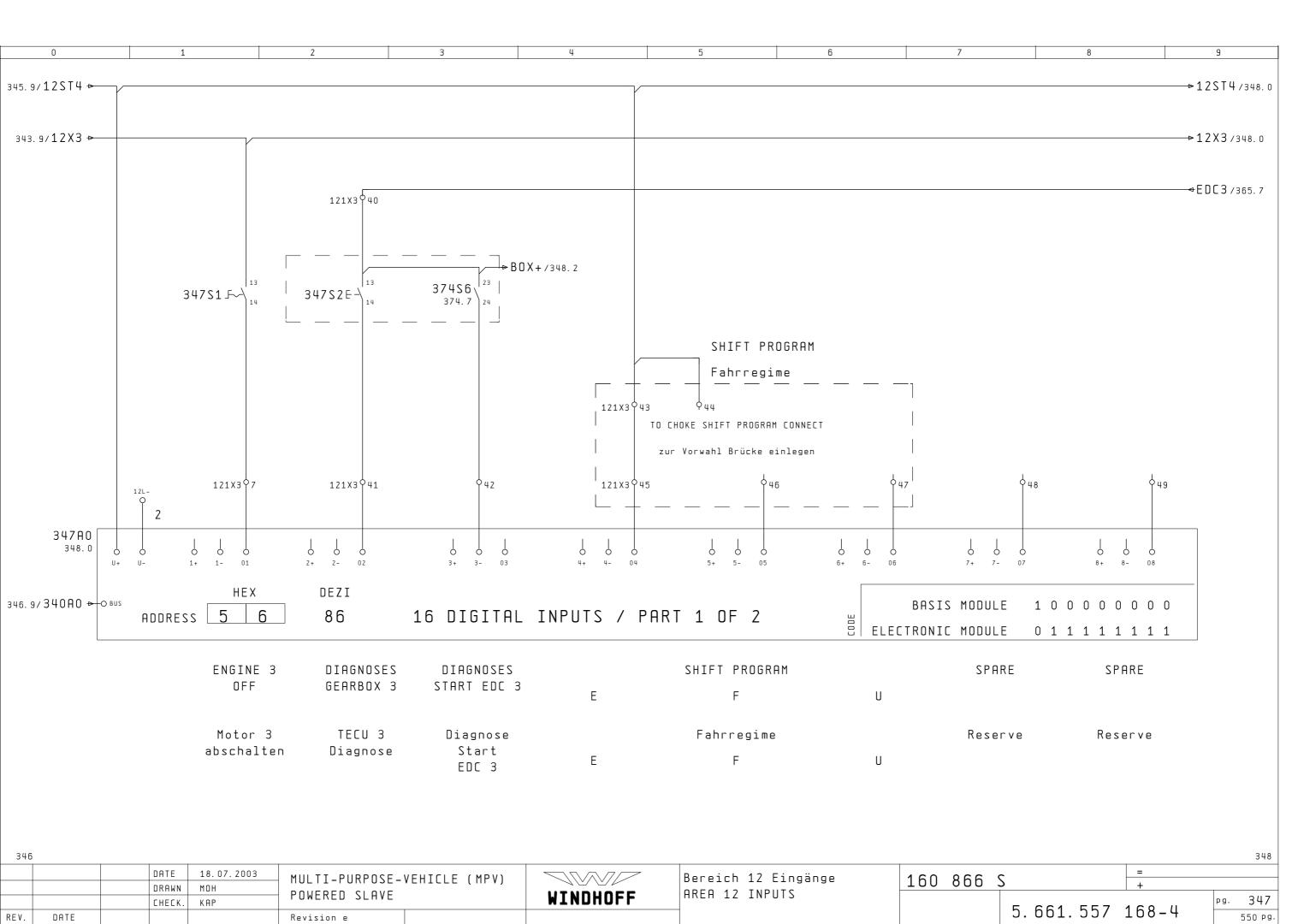


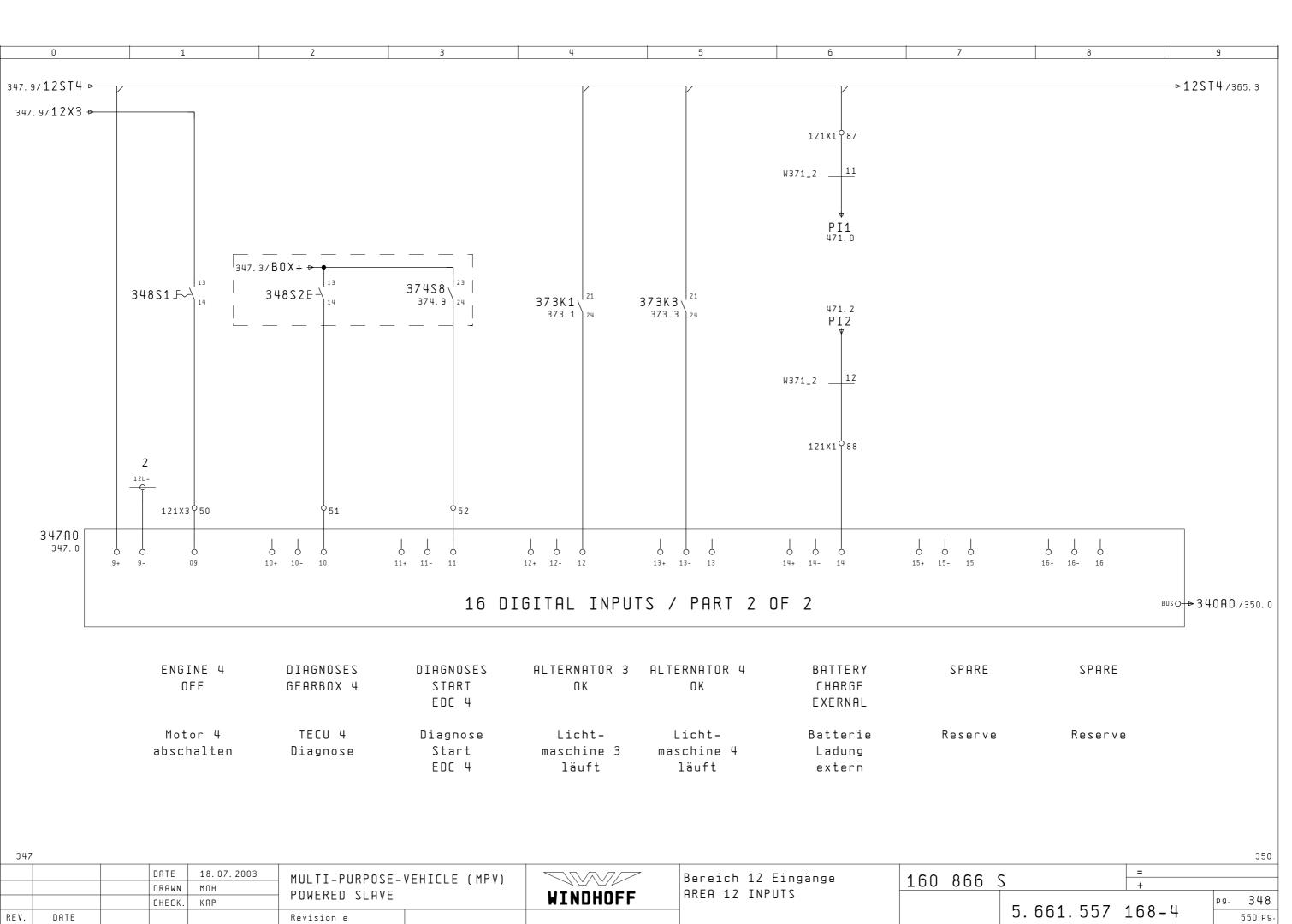


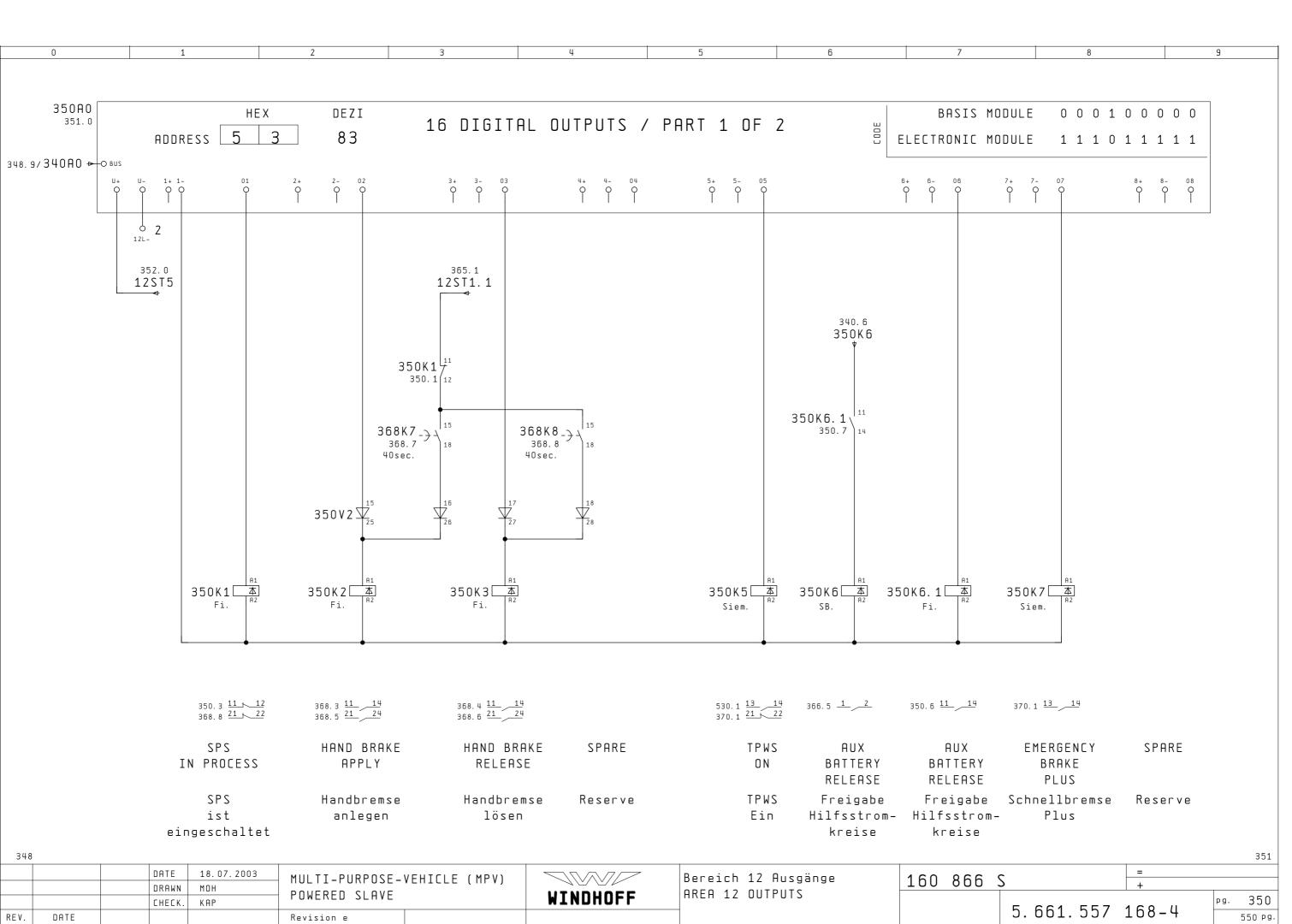


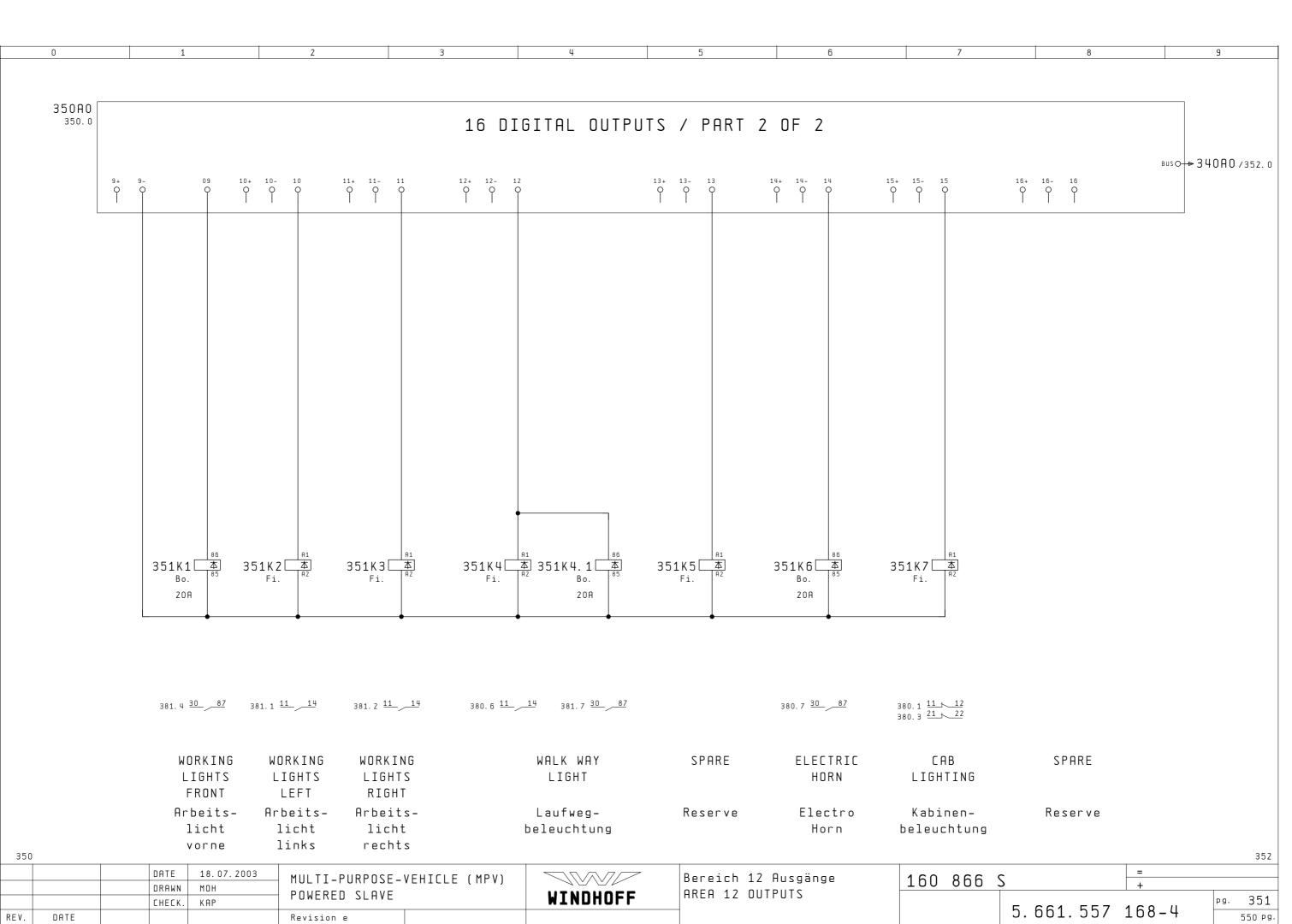


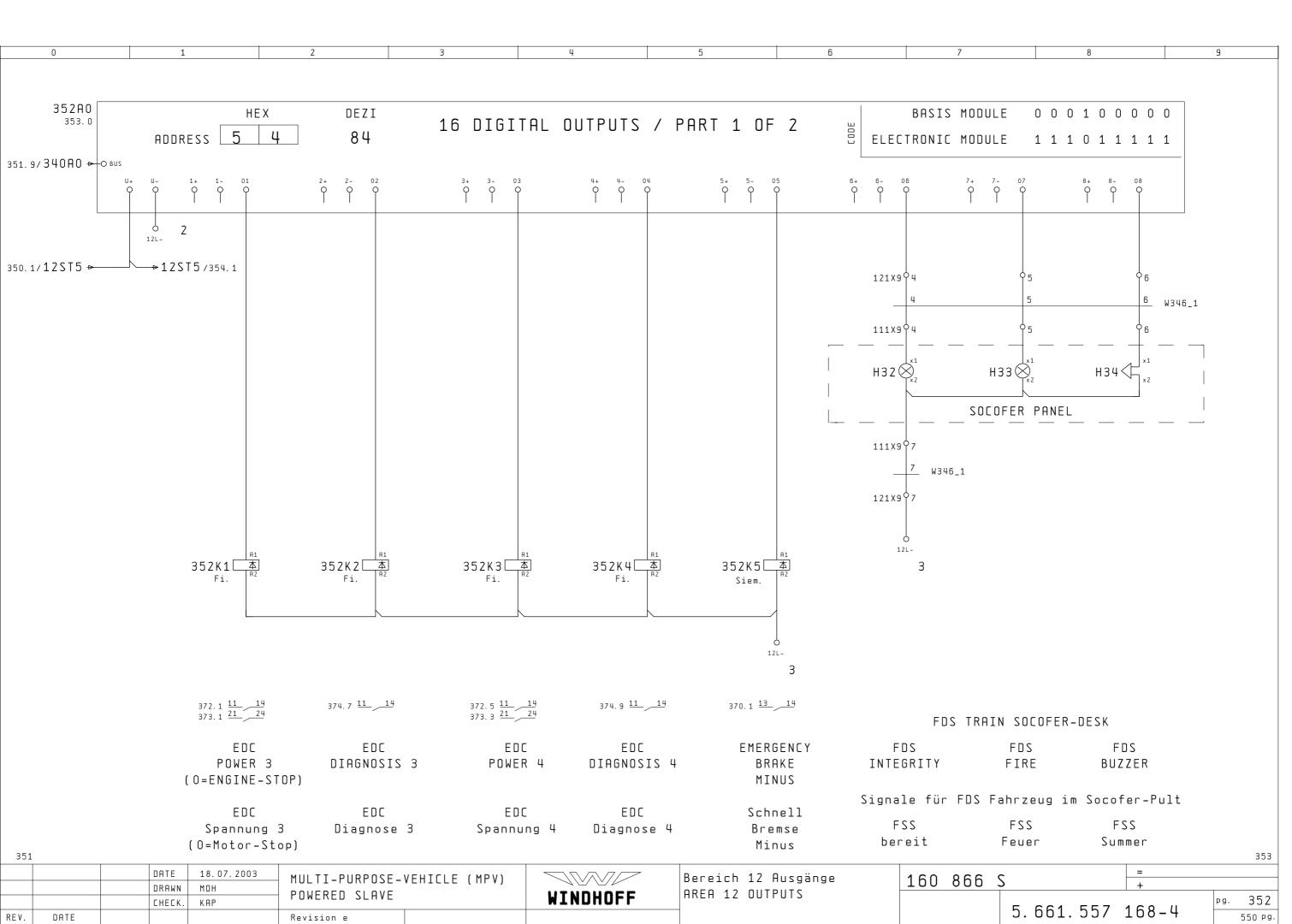


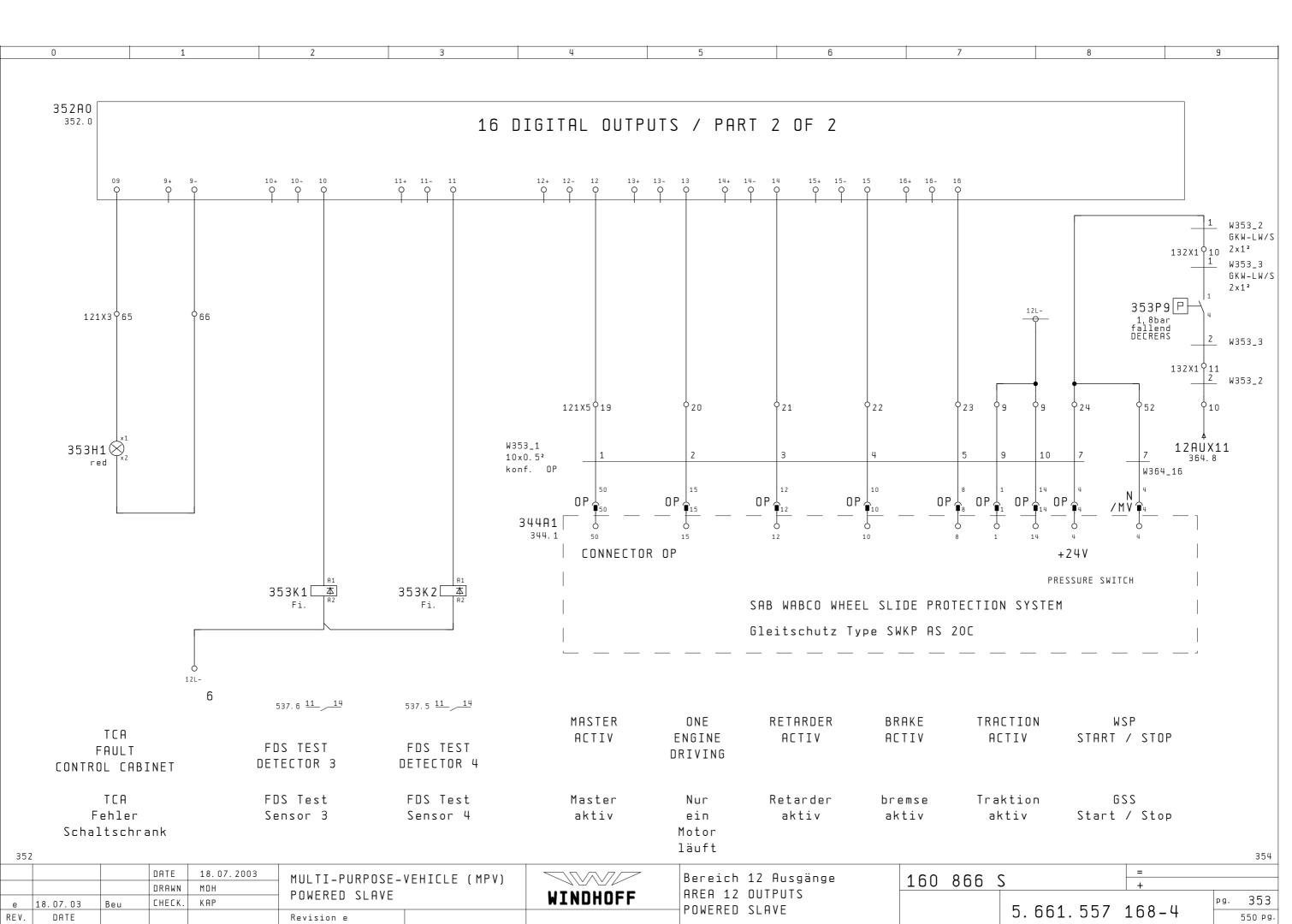


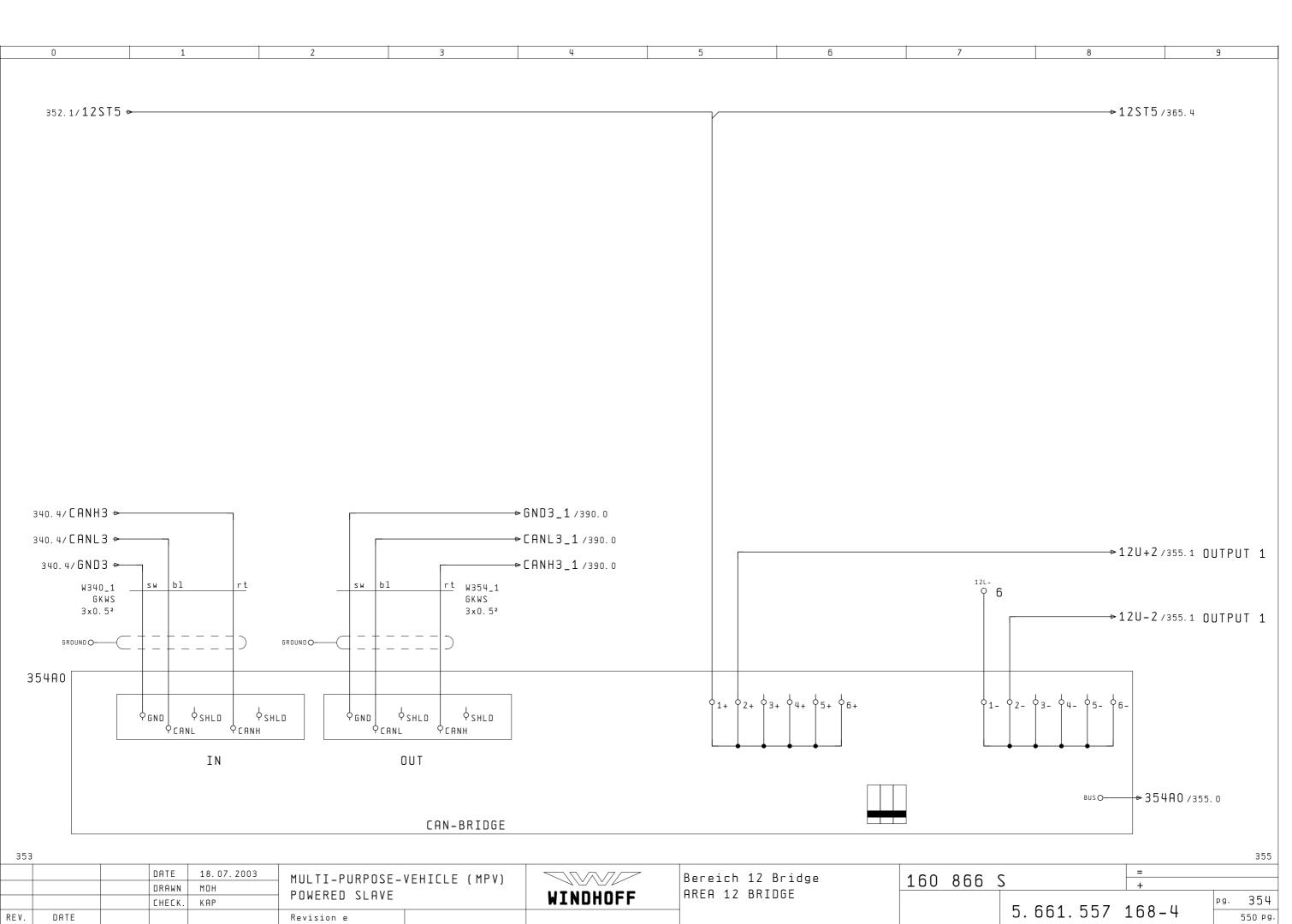


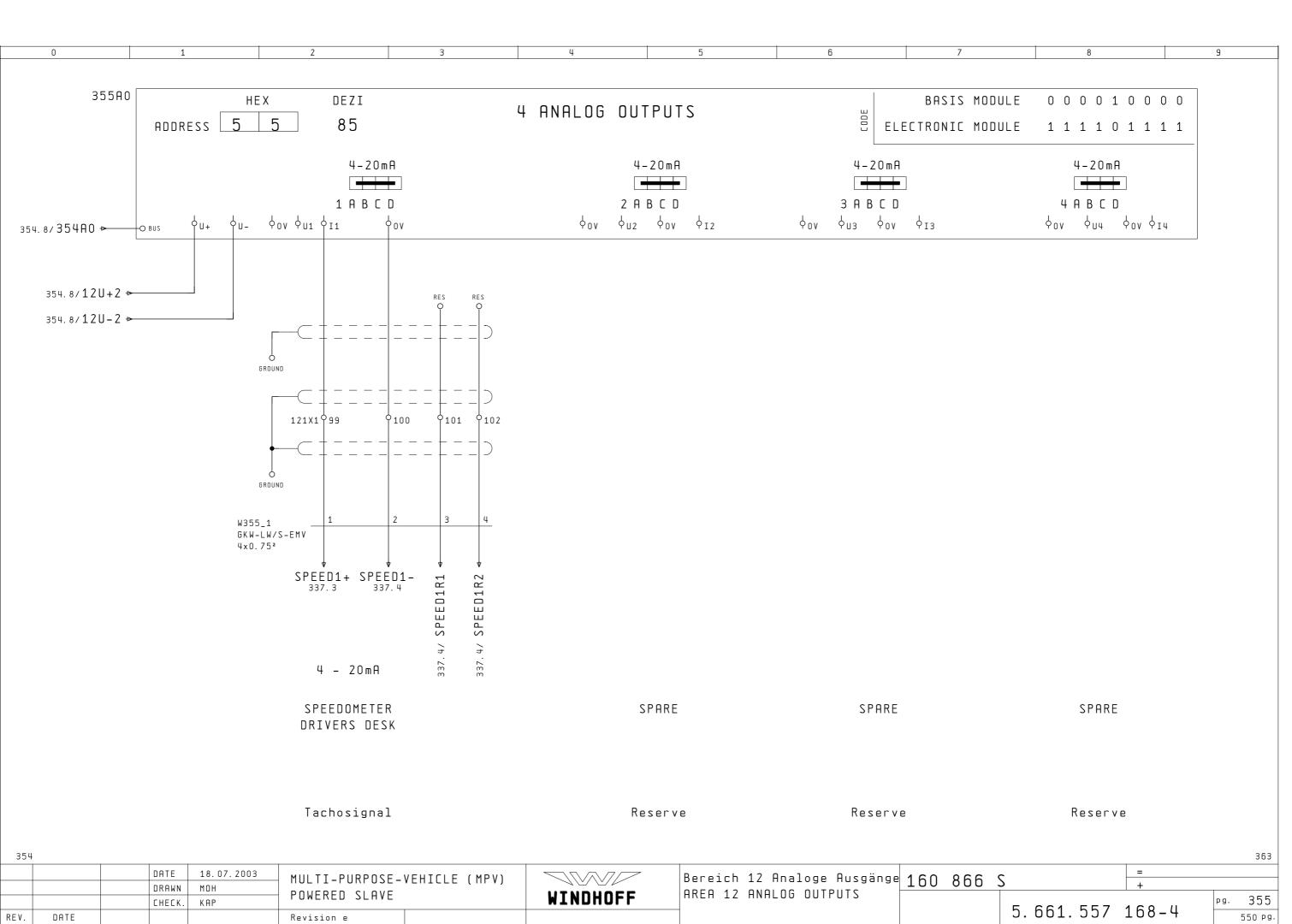


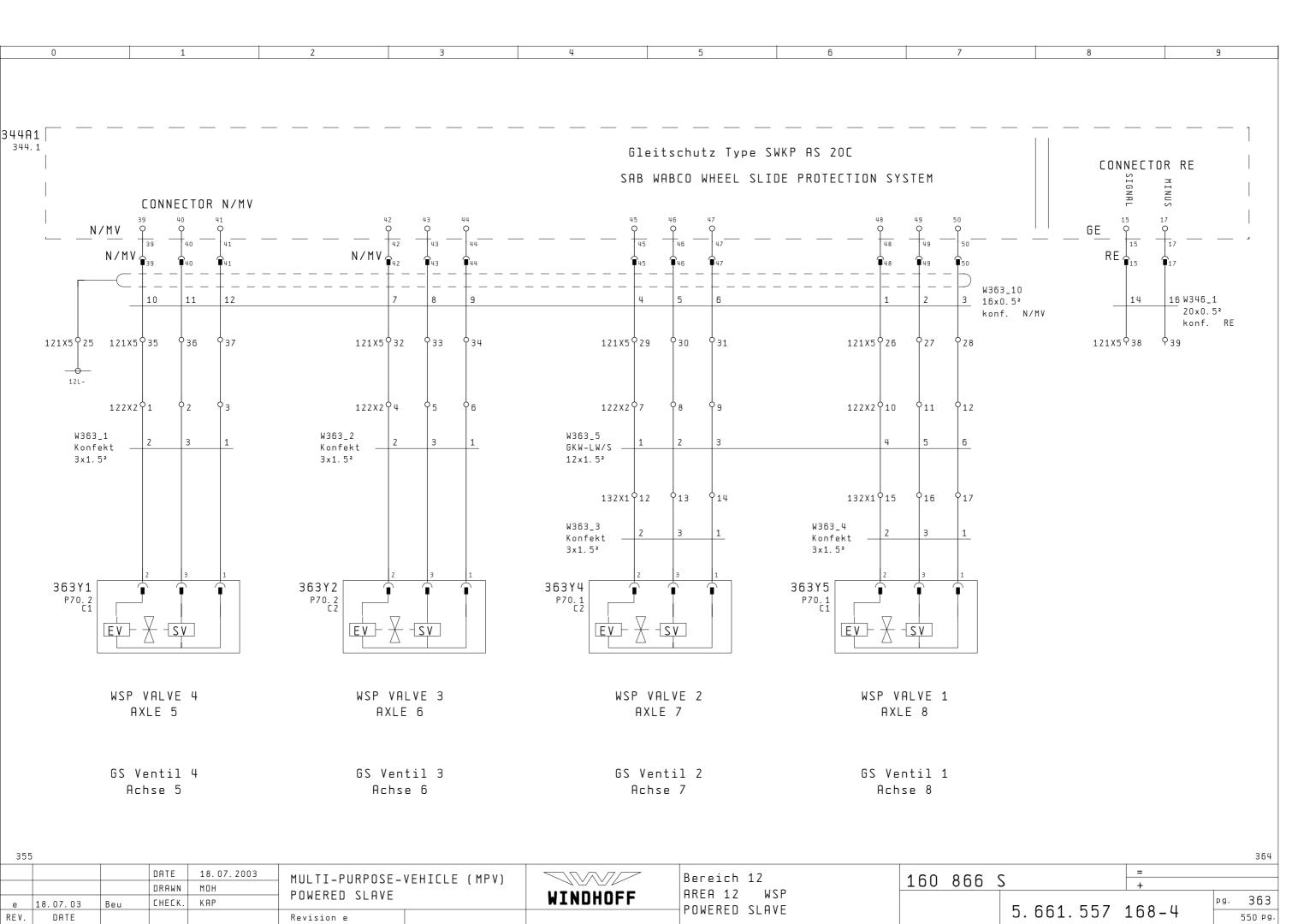


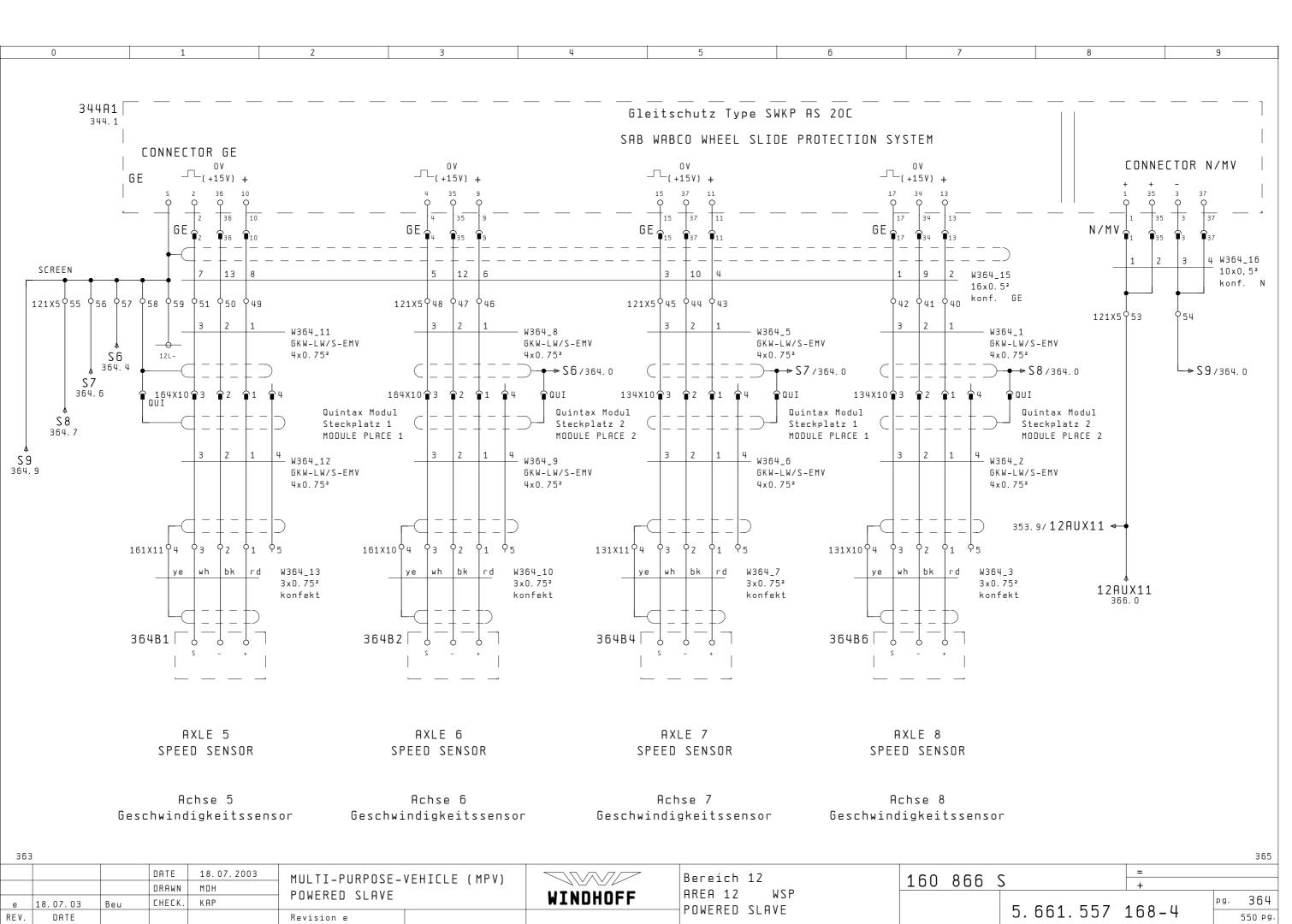


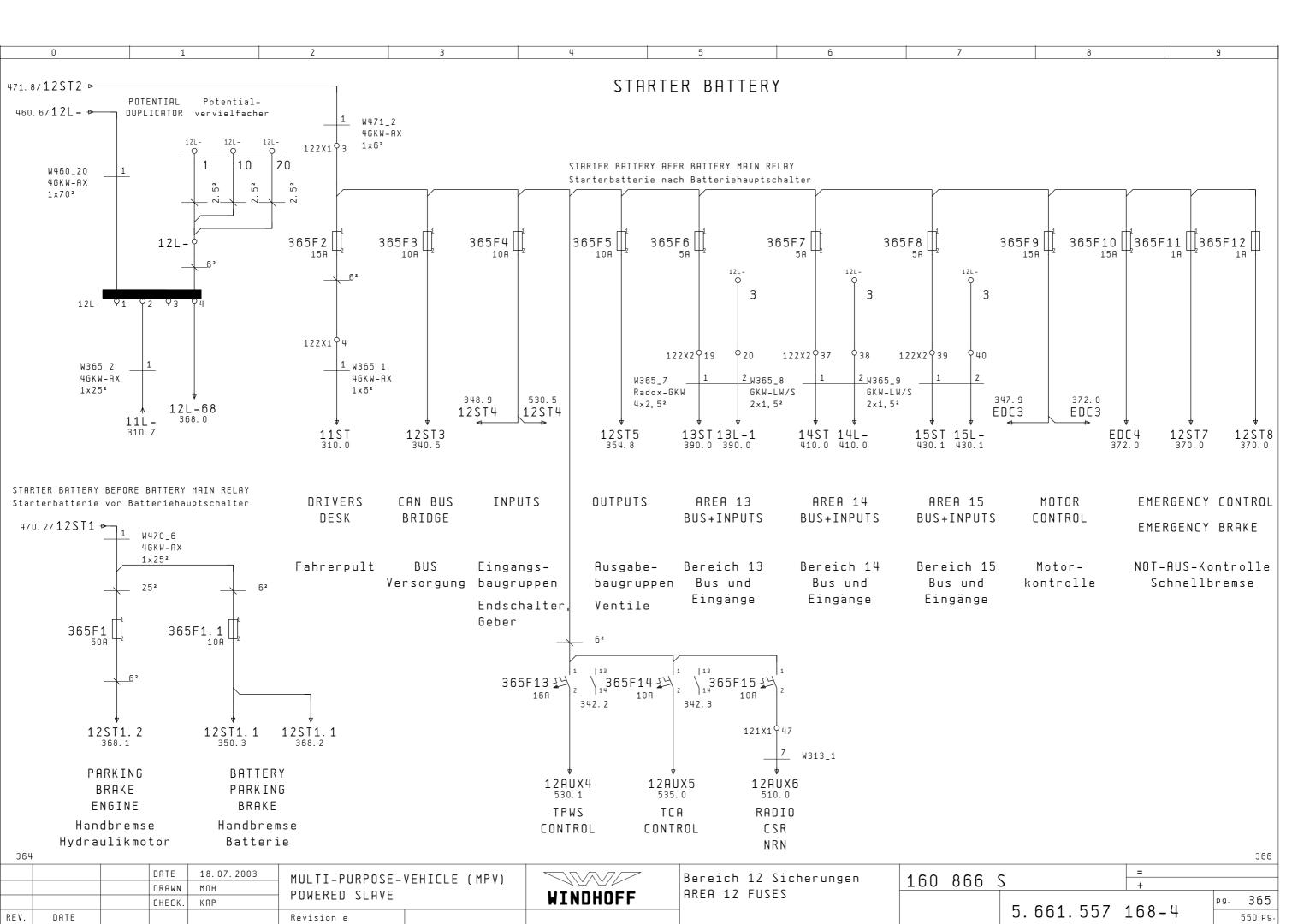


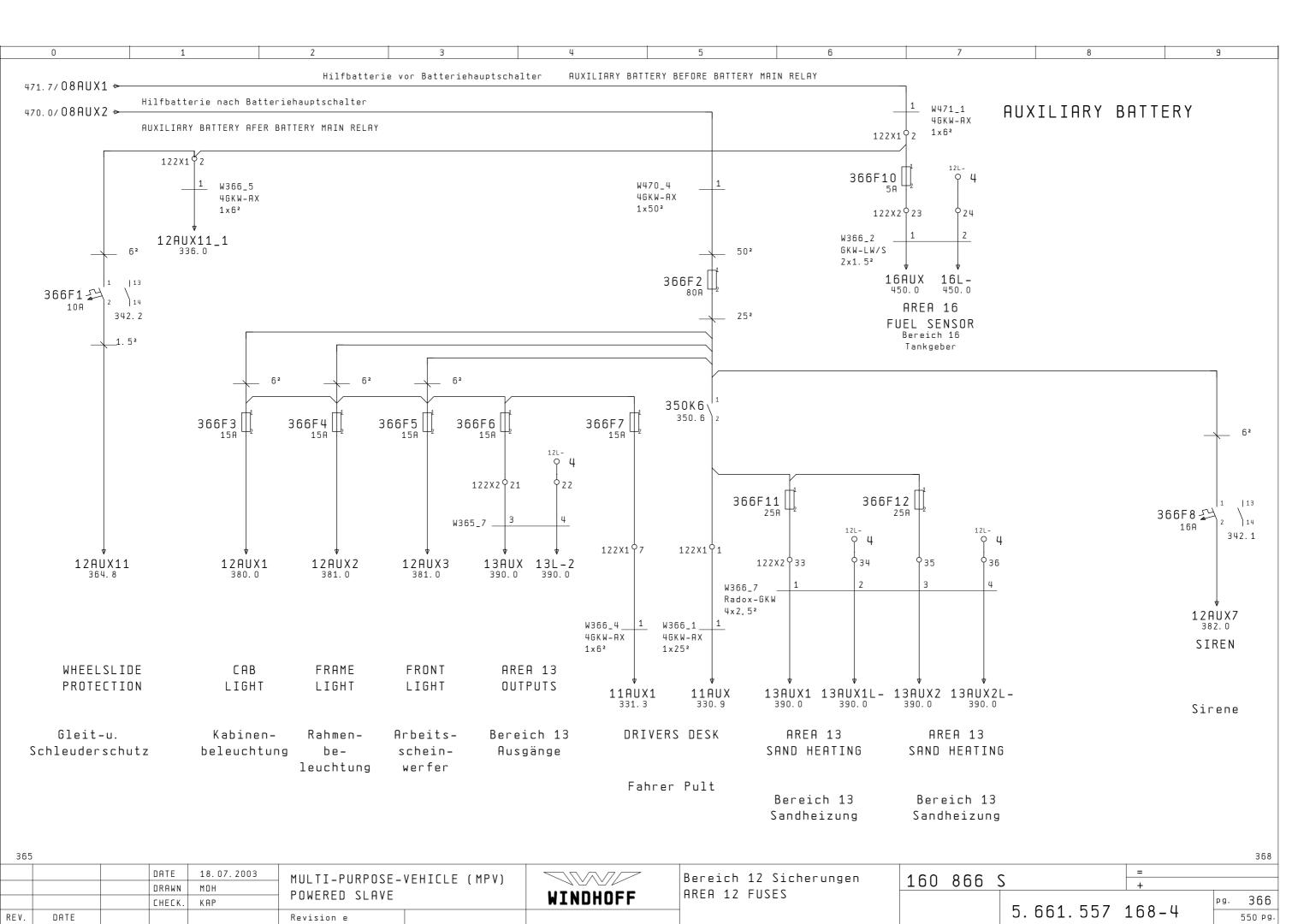


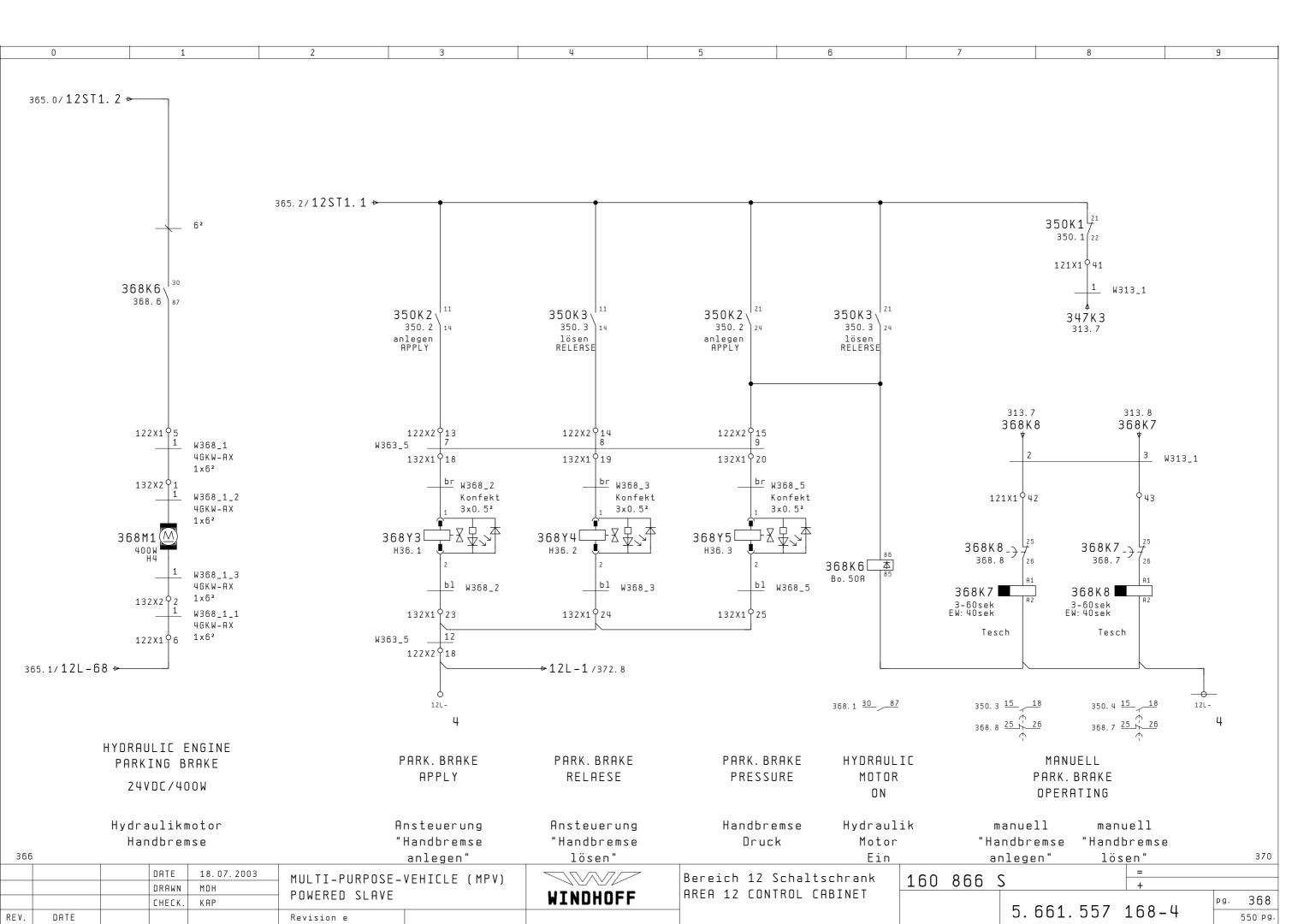


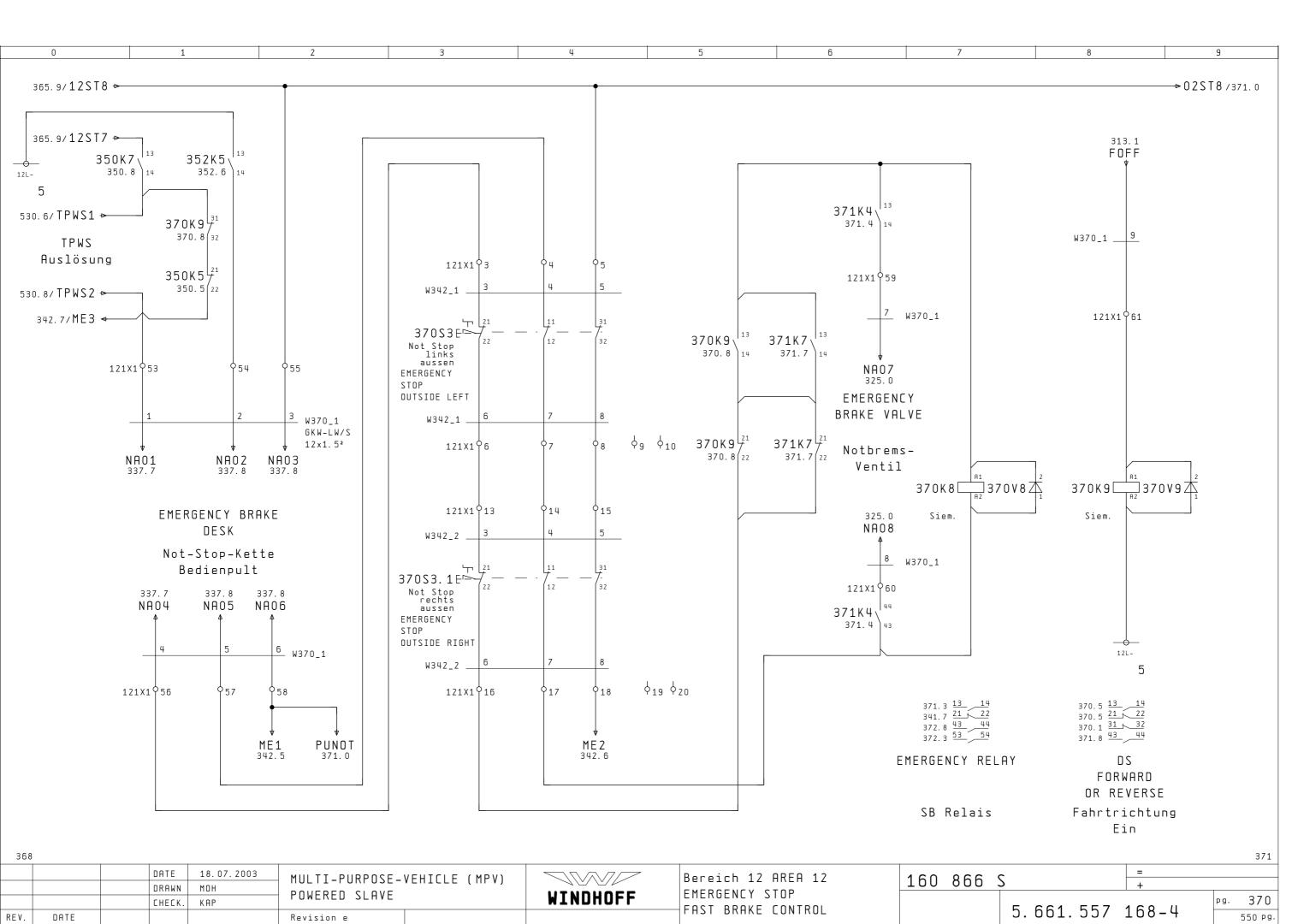


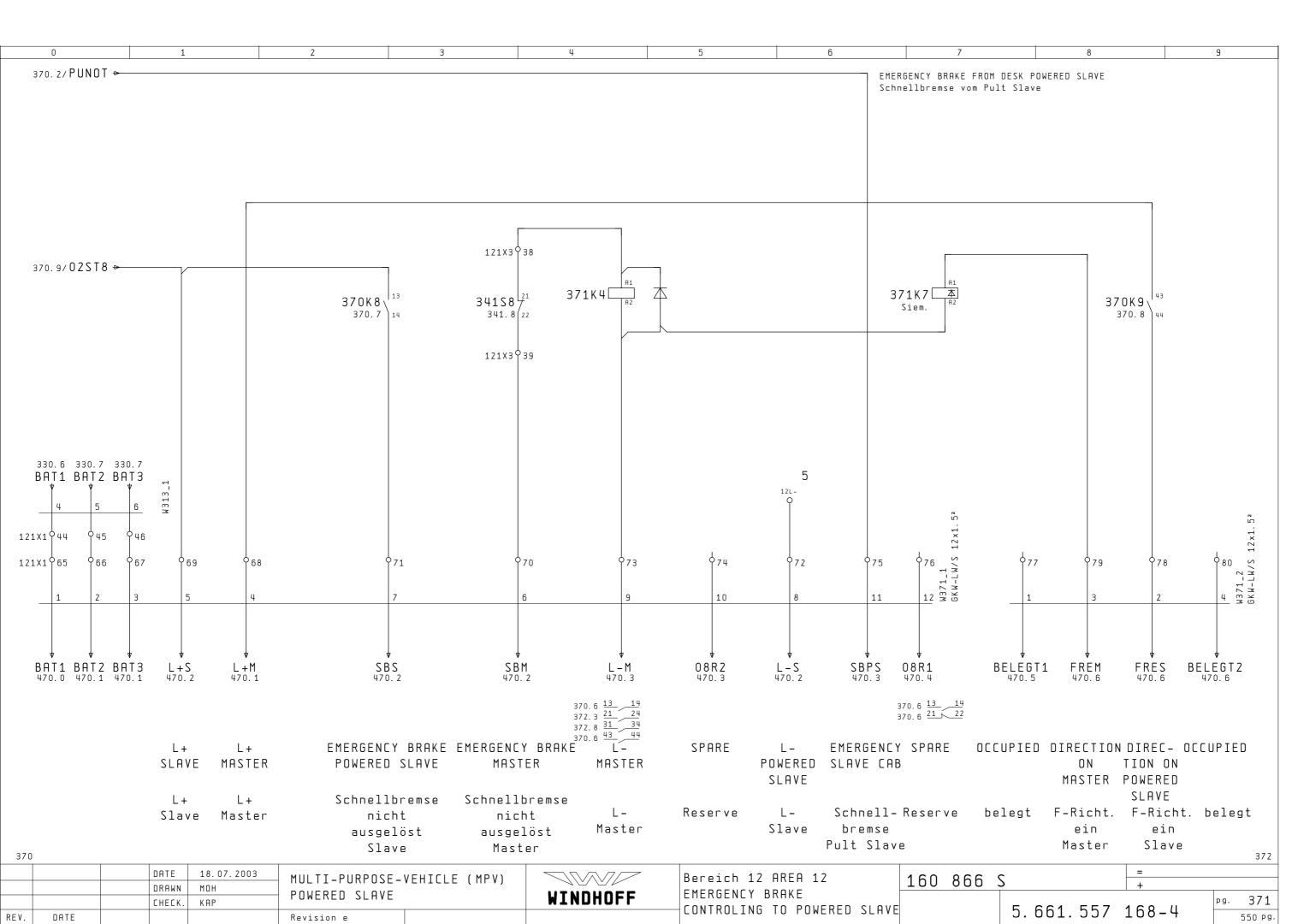


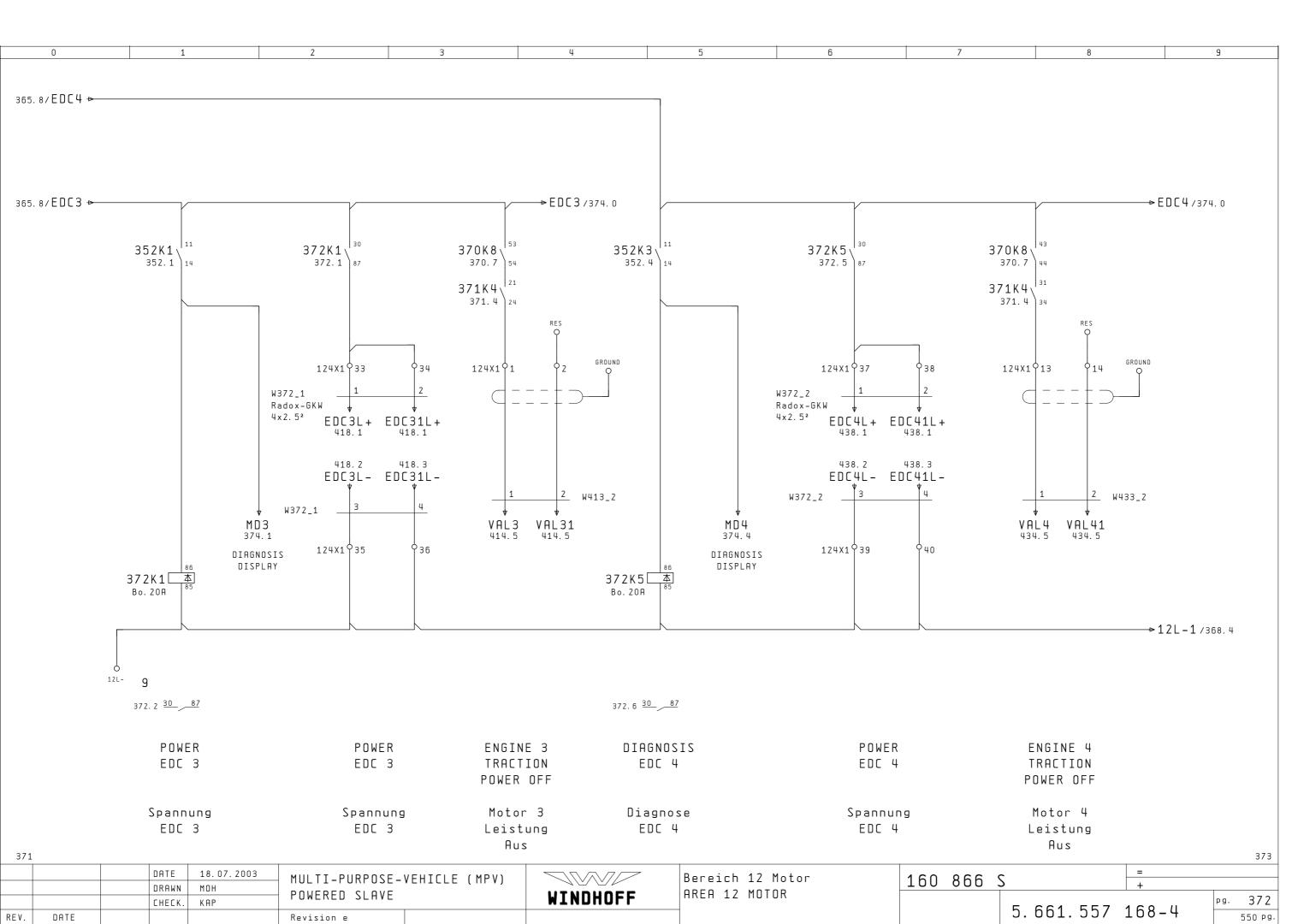


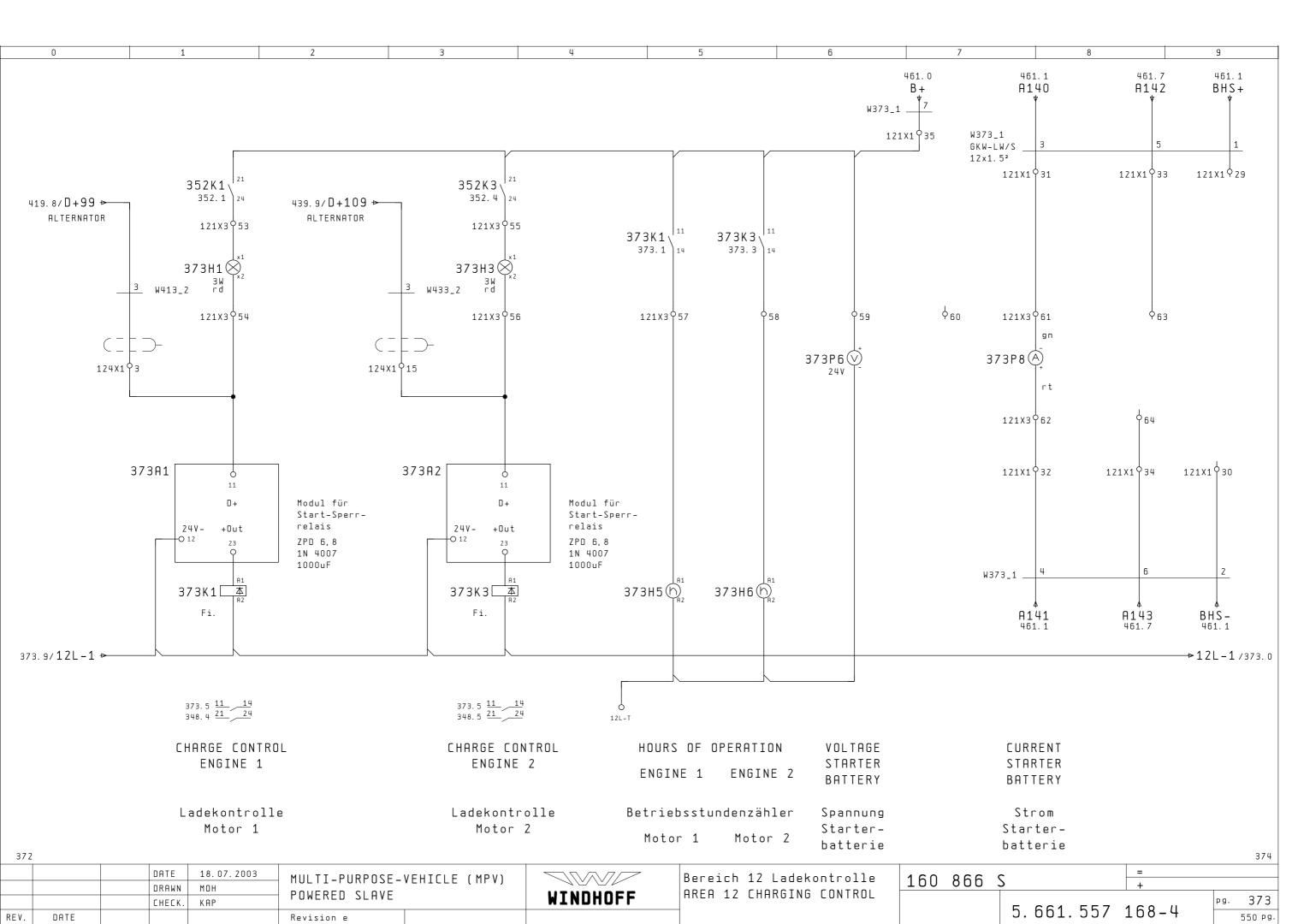


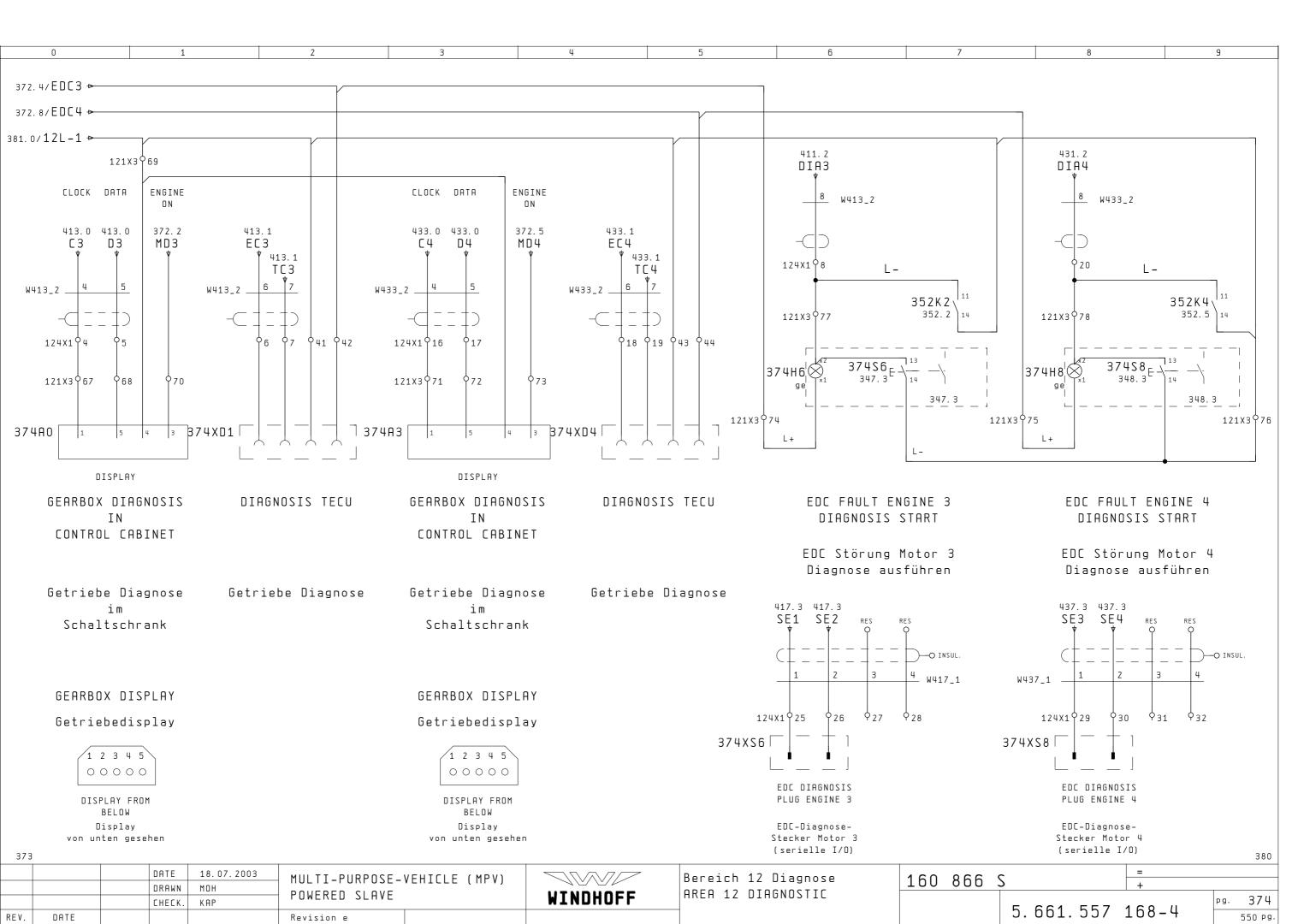


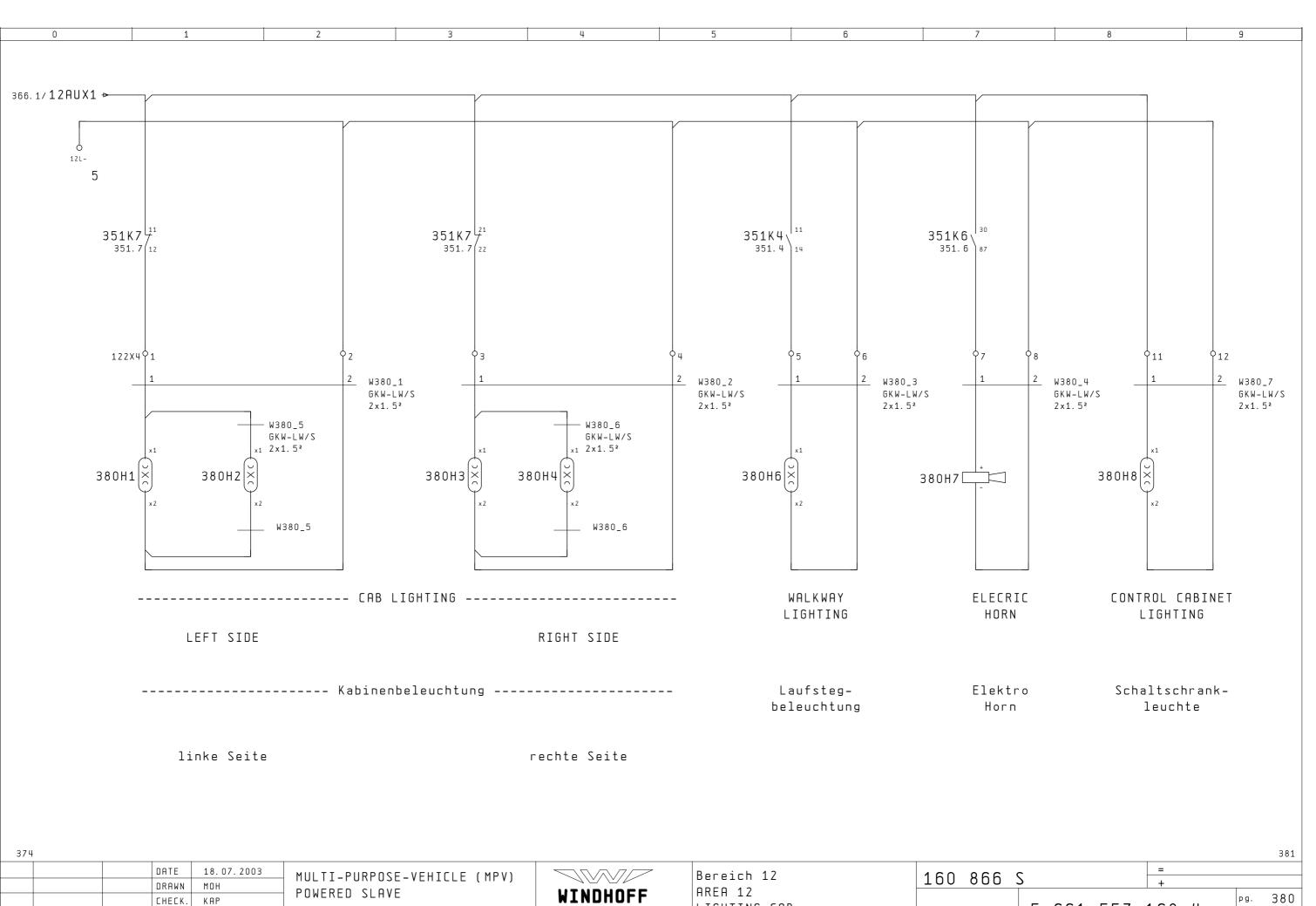












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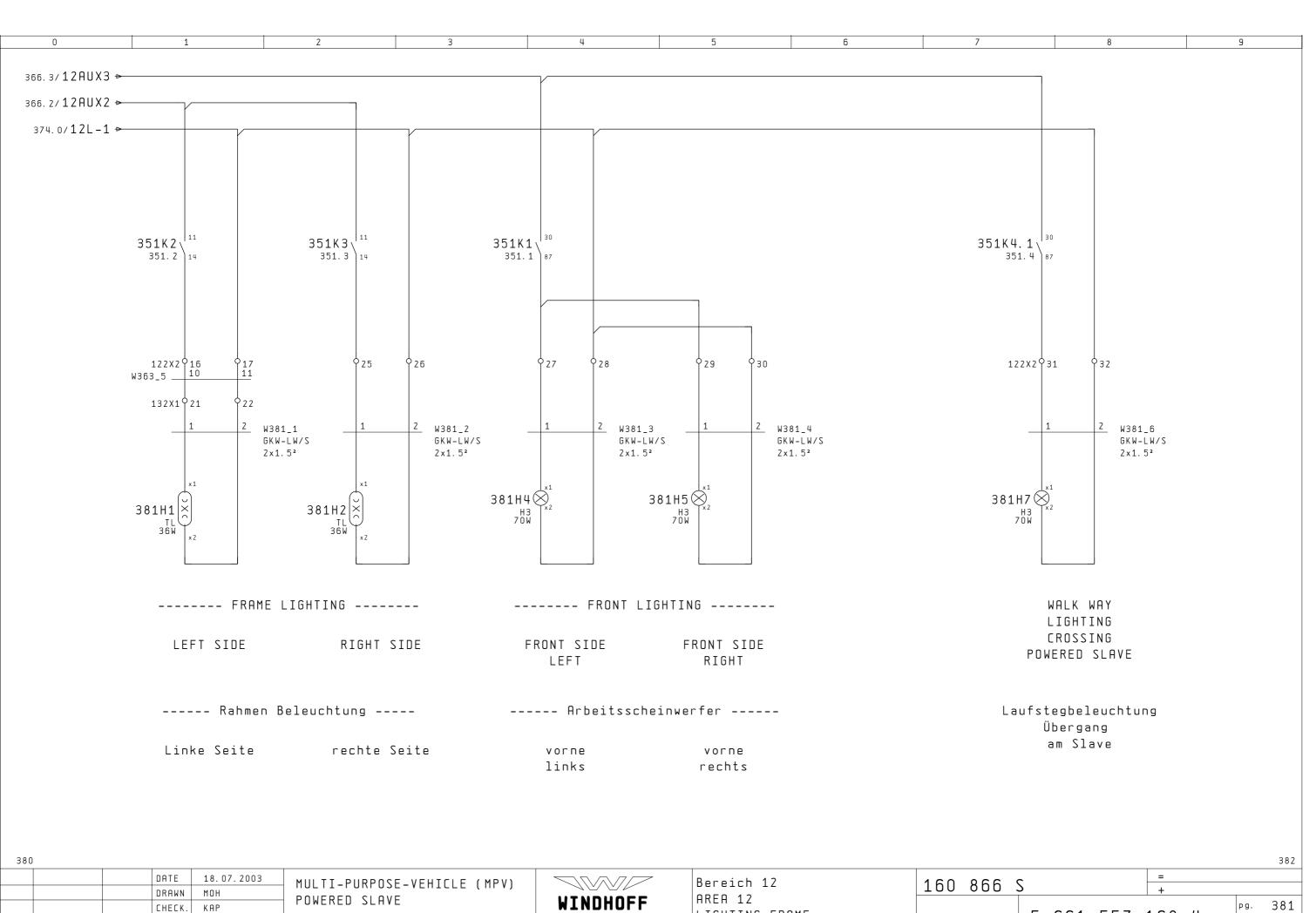
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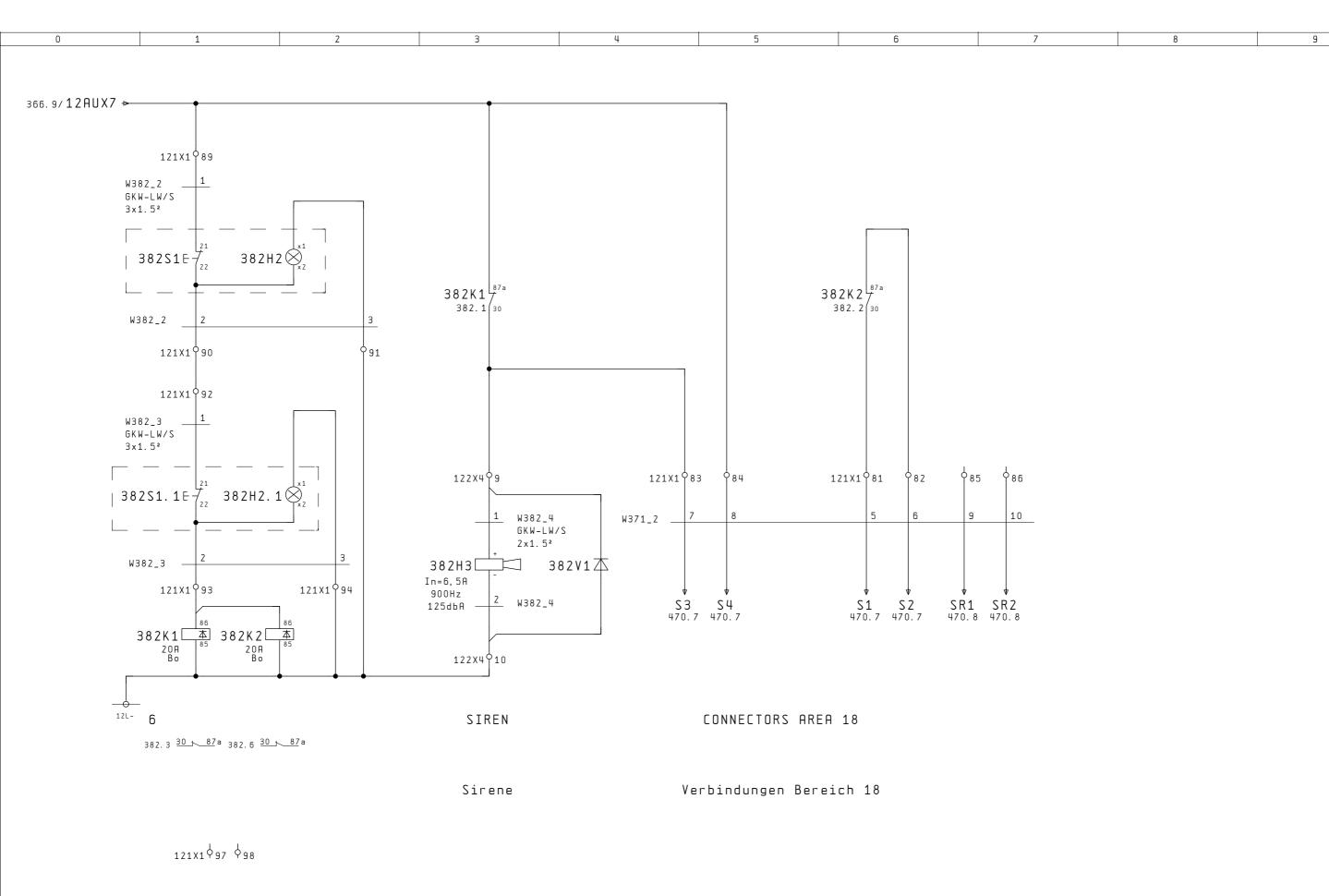
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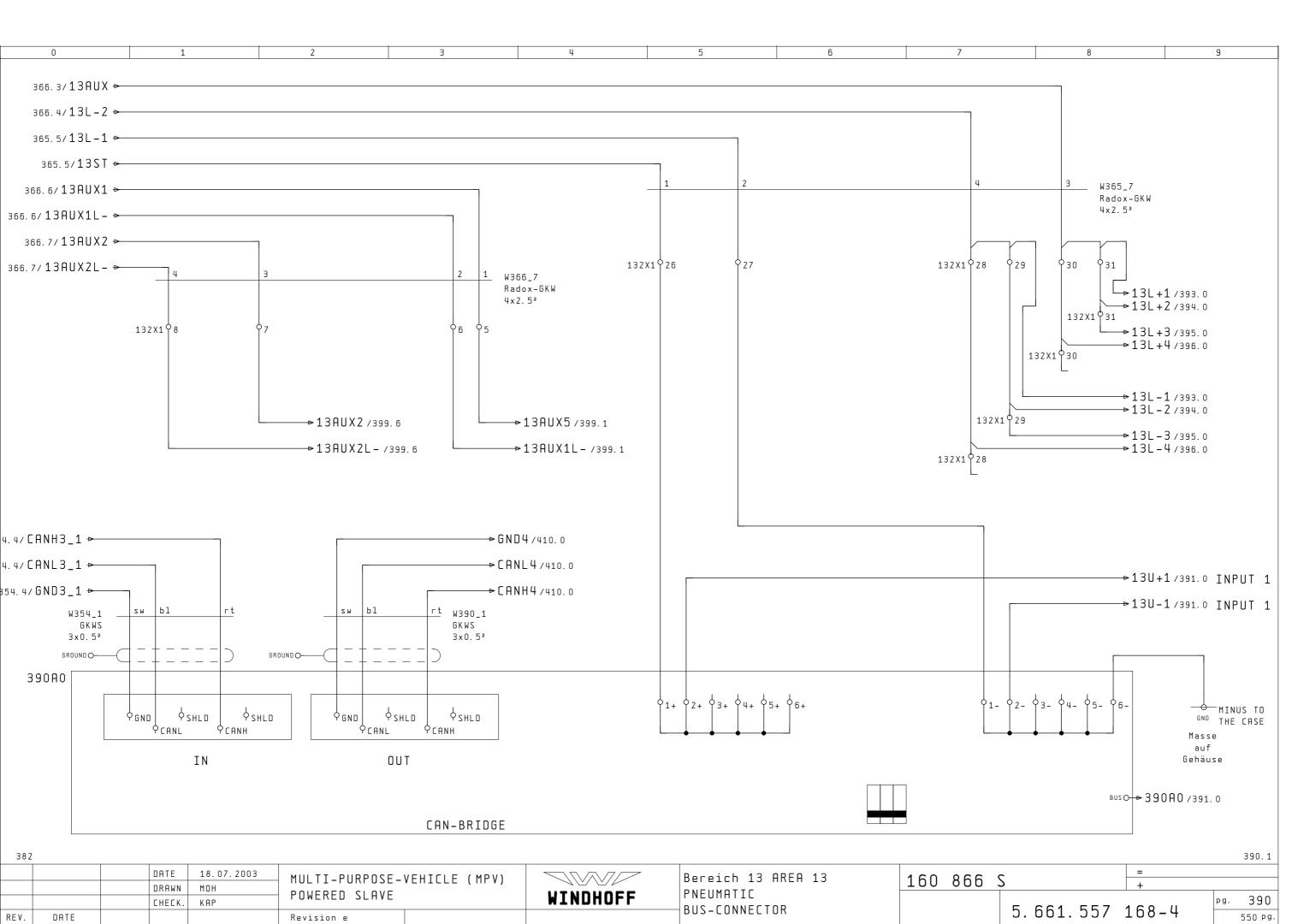
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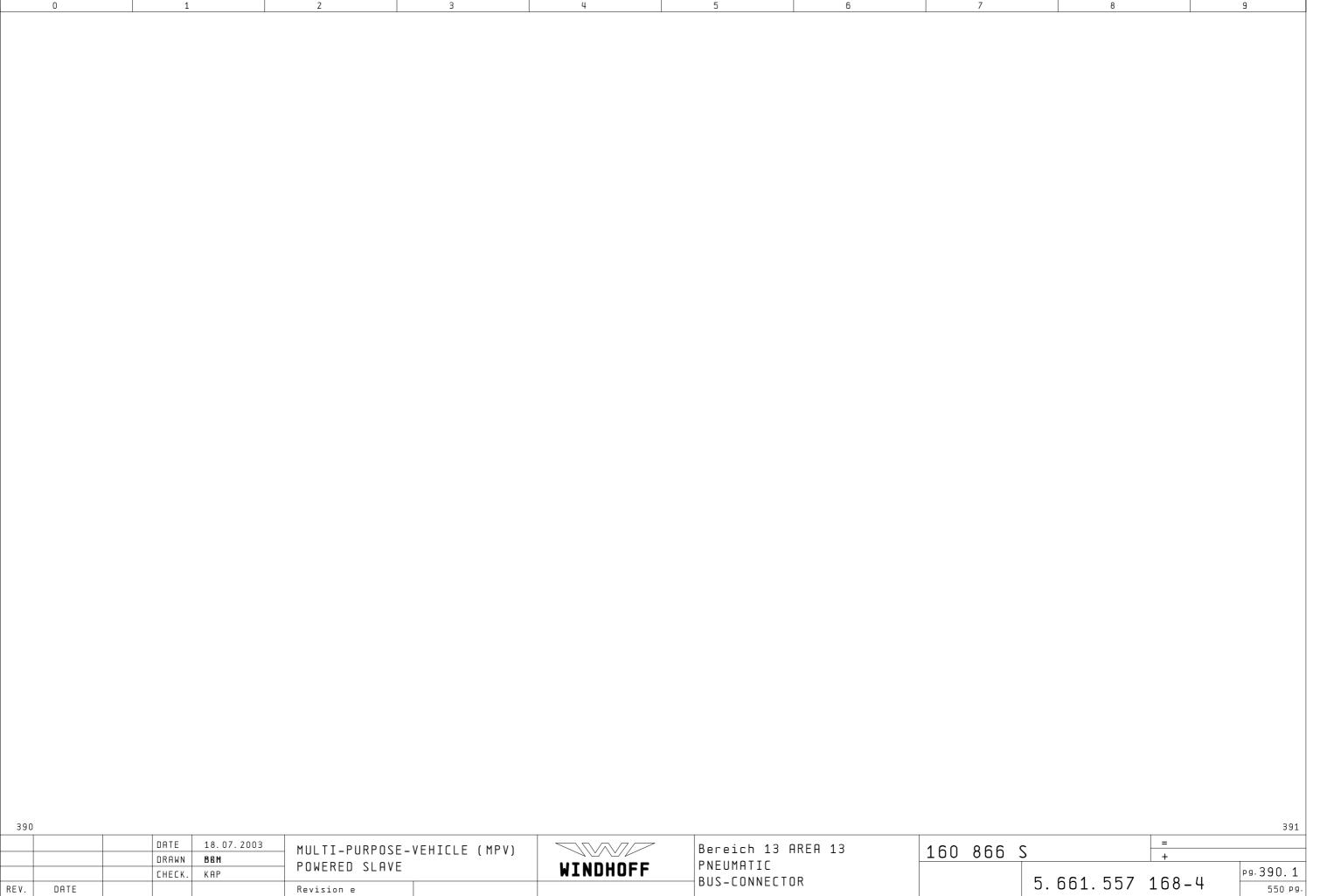


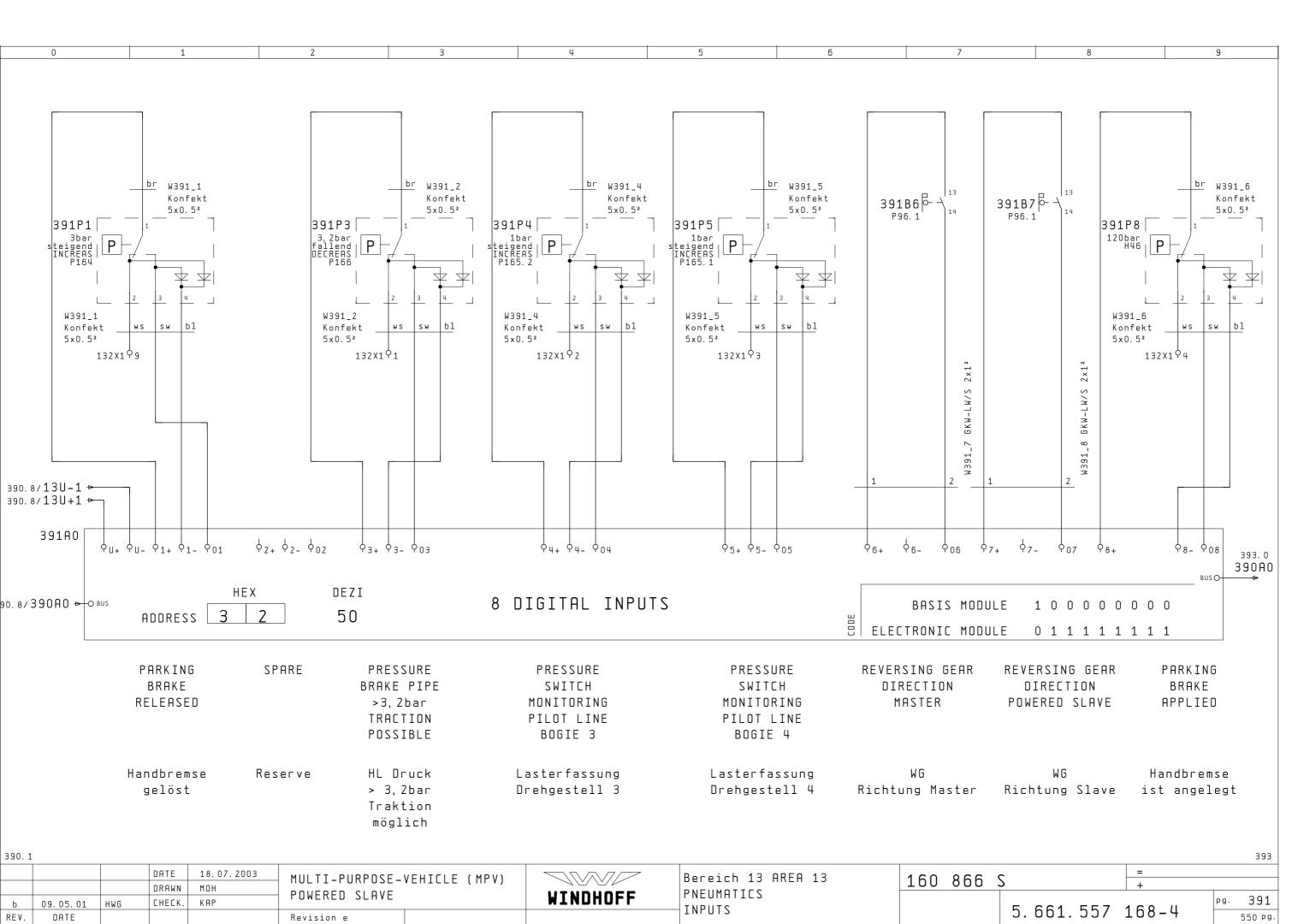
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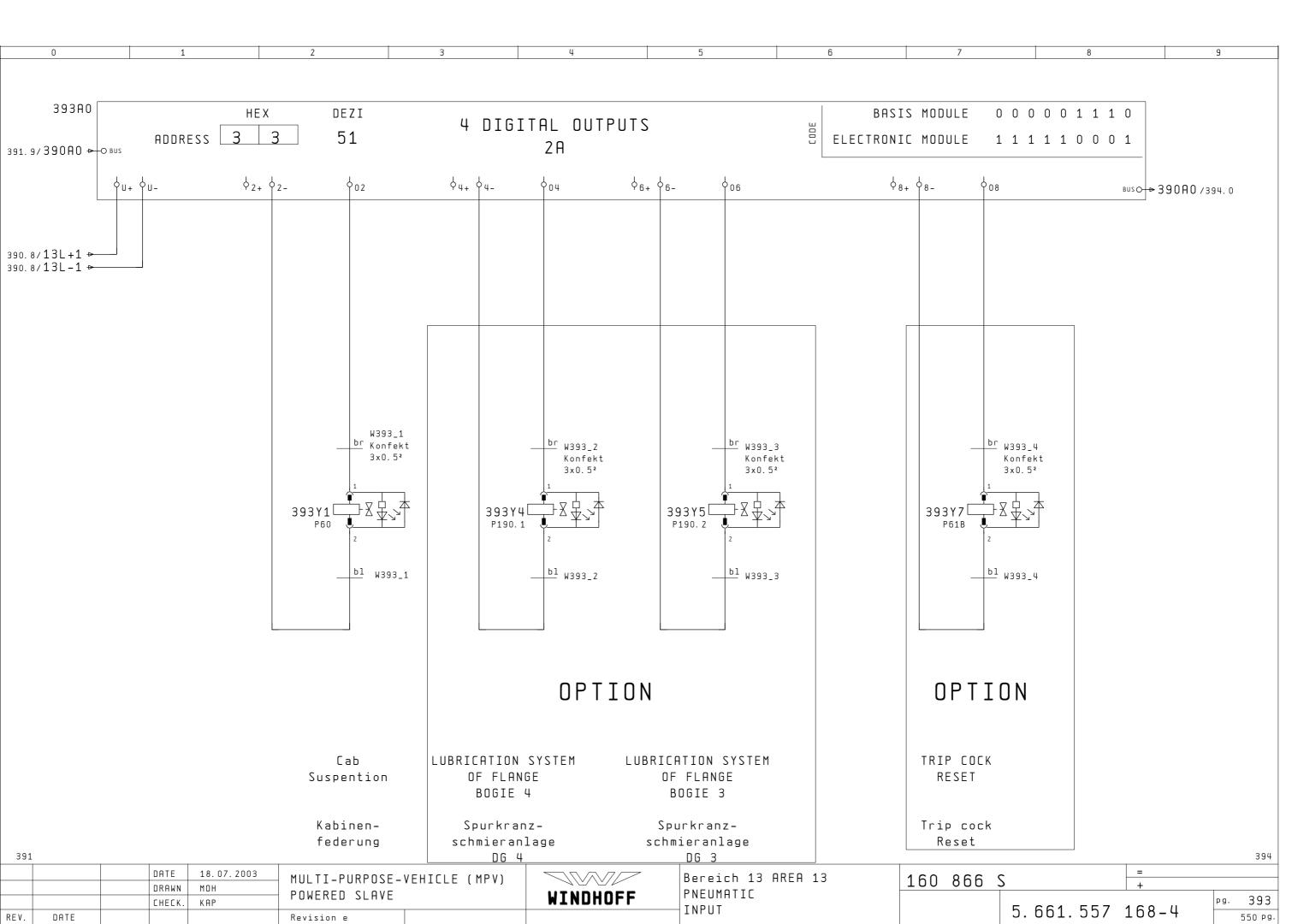
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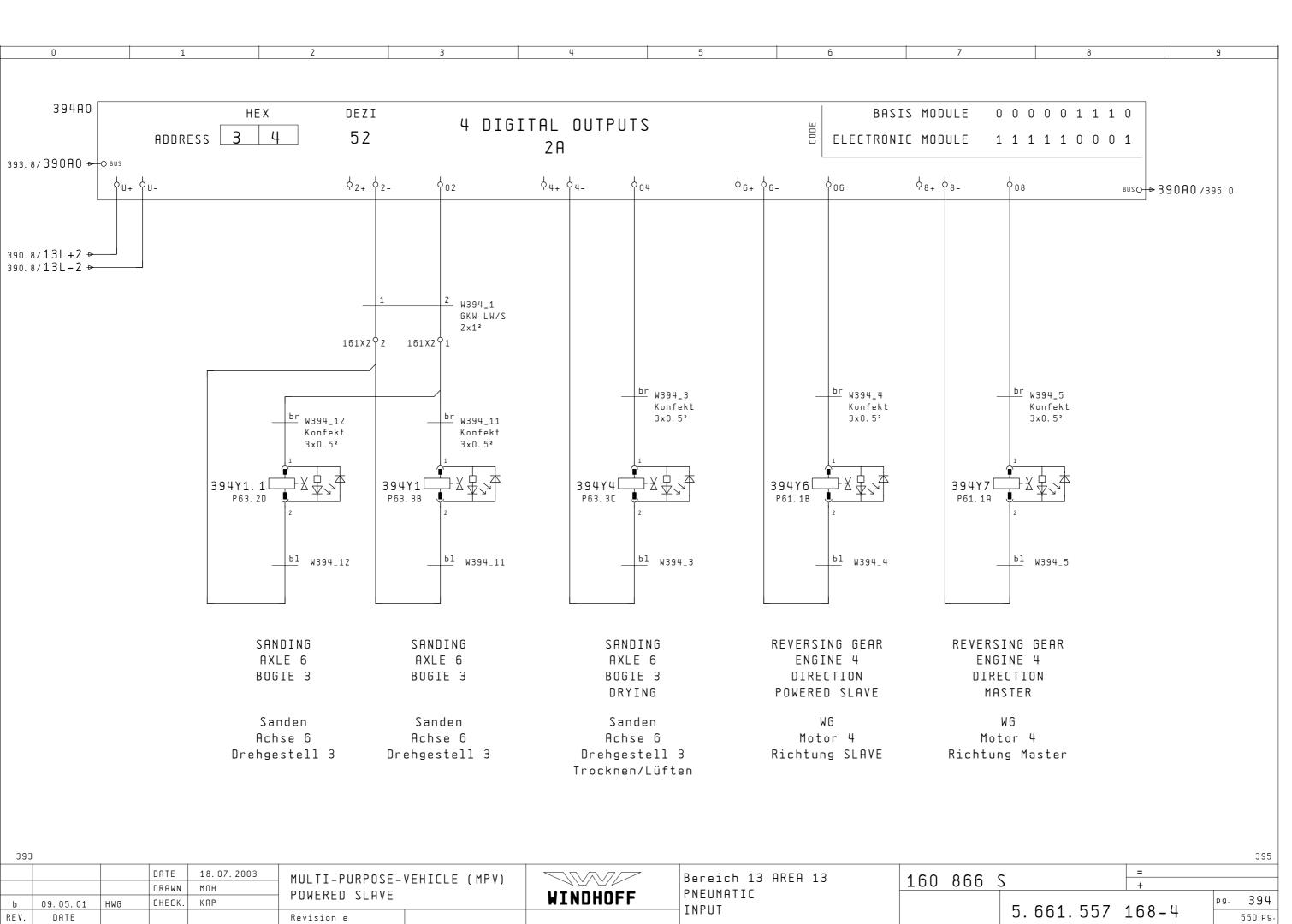
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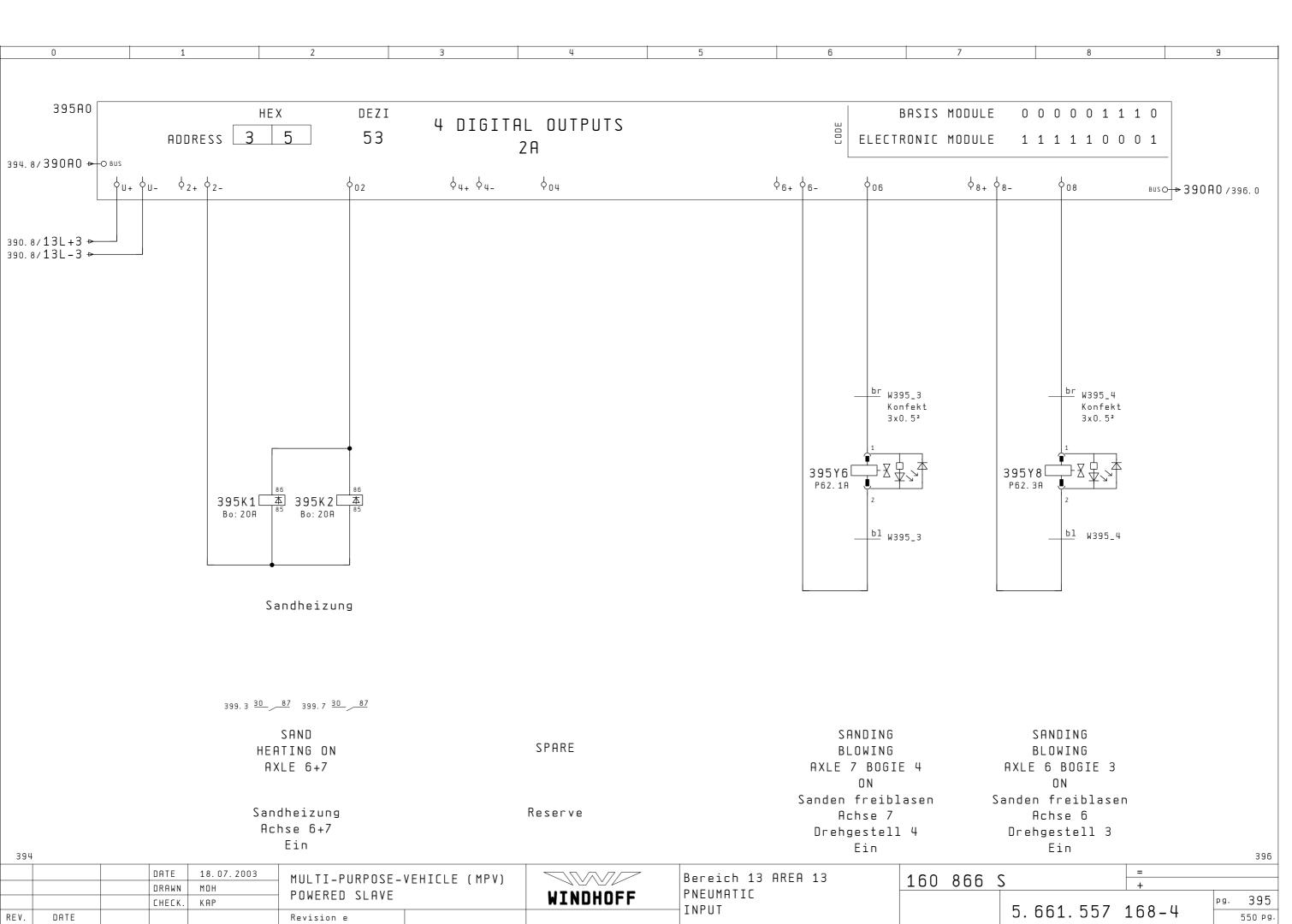


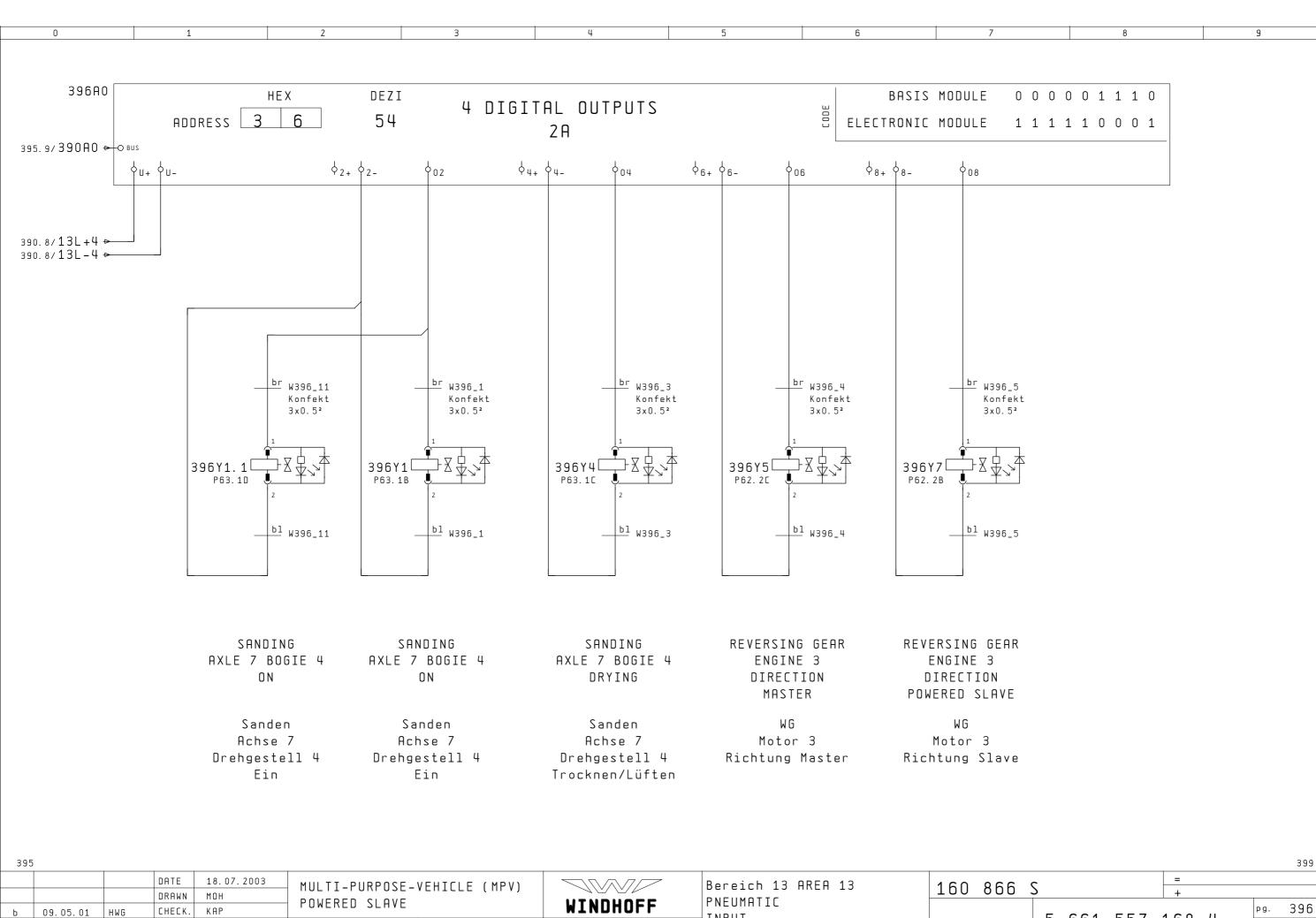












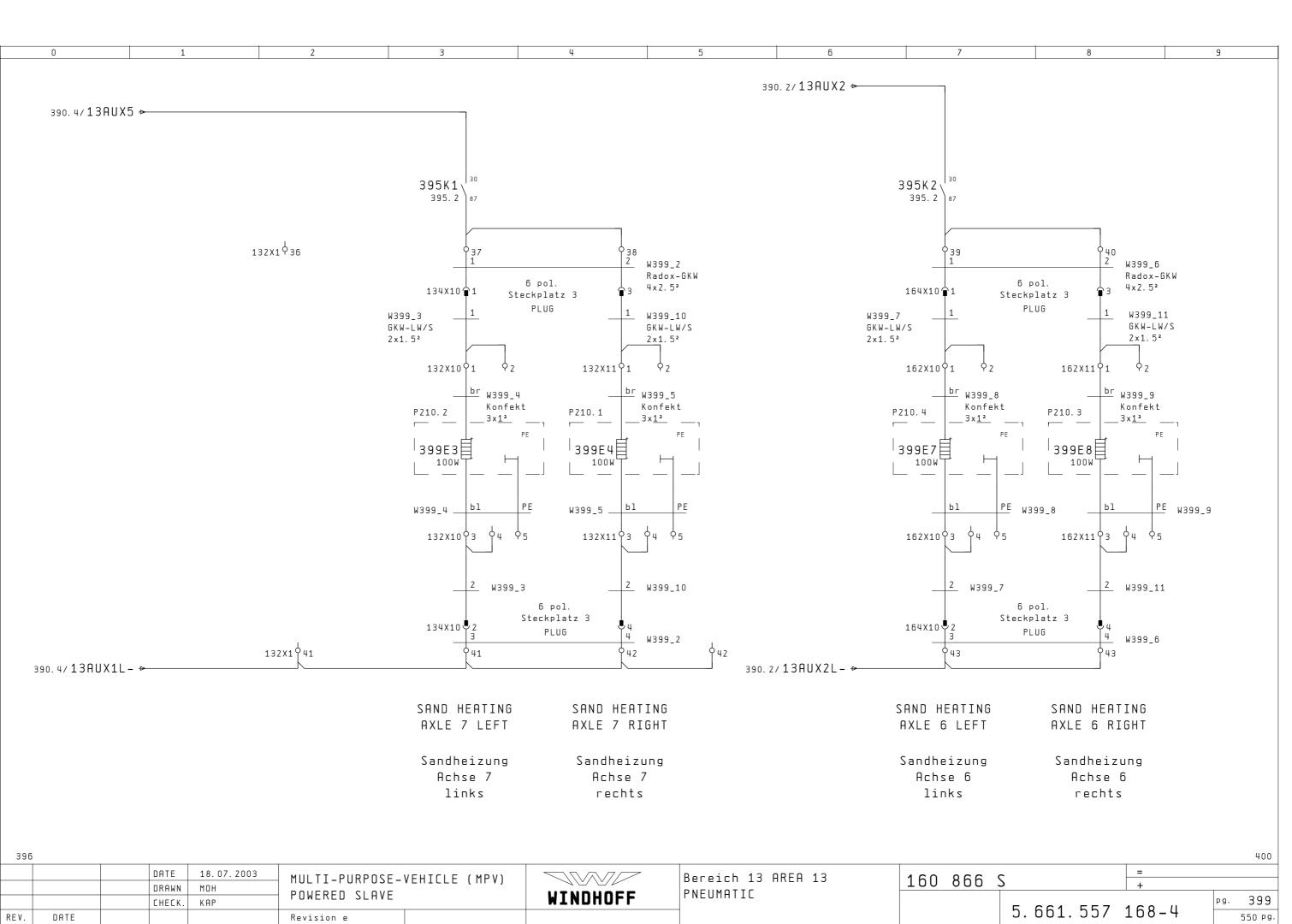
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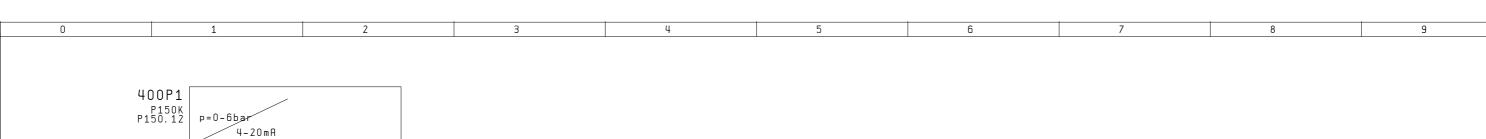
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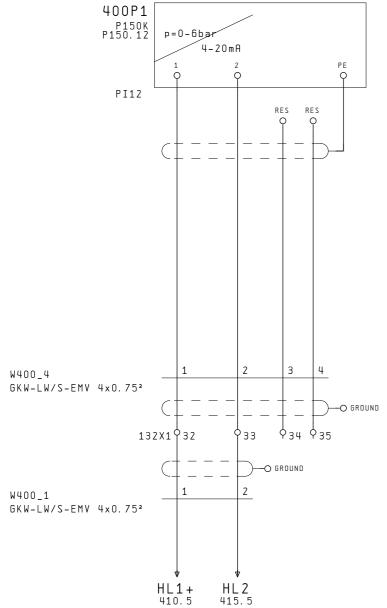
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MULTI-PURPOSE-VEHICLE (MPV)

POWERED SLAVE

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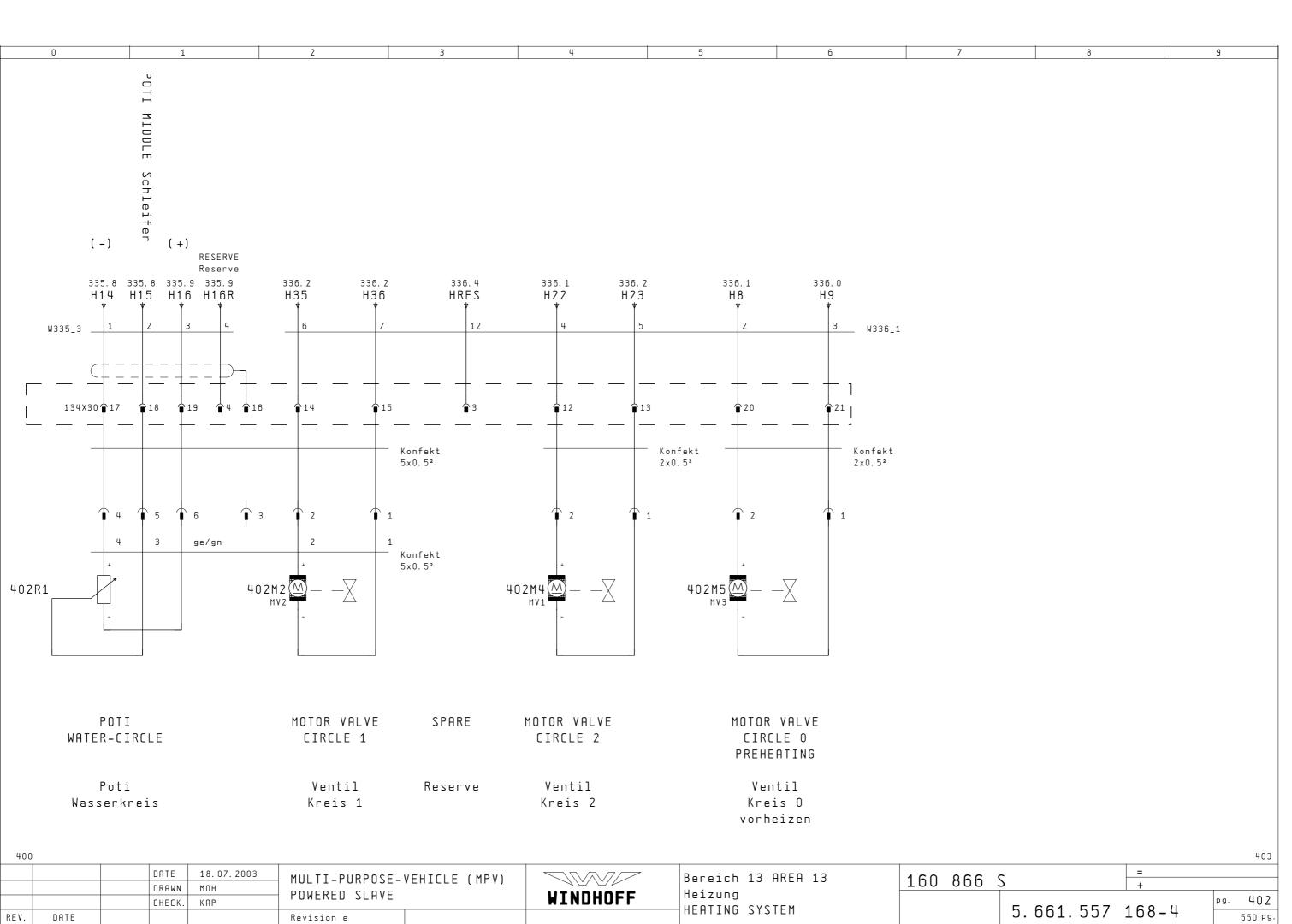


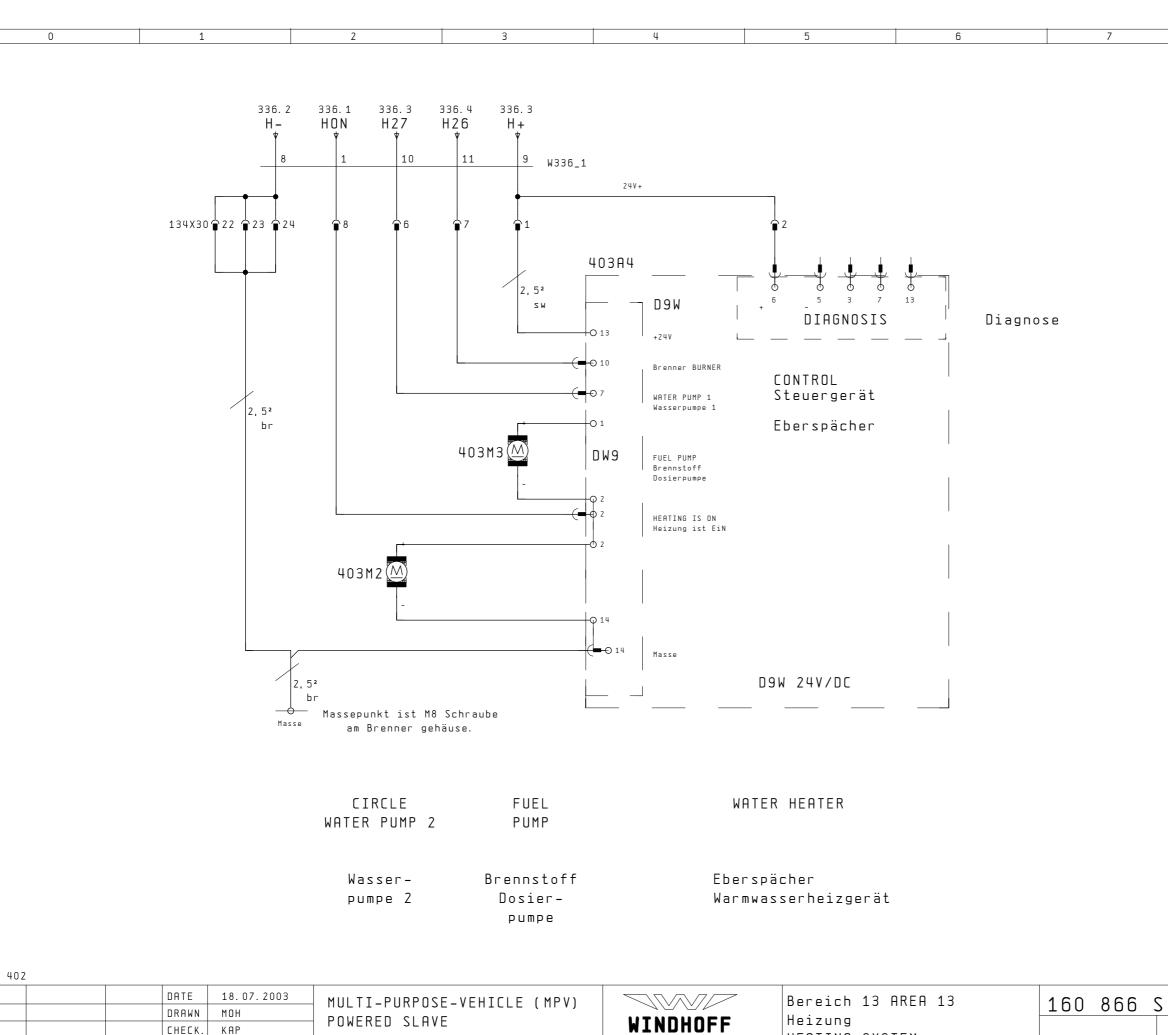
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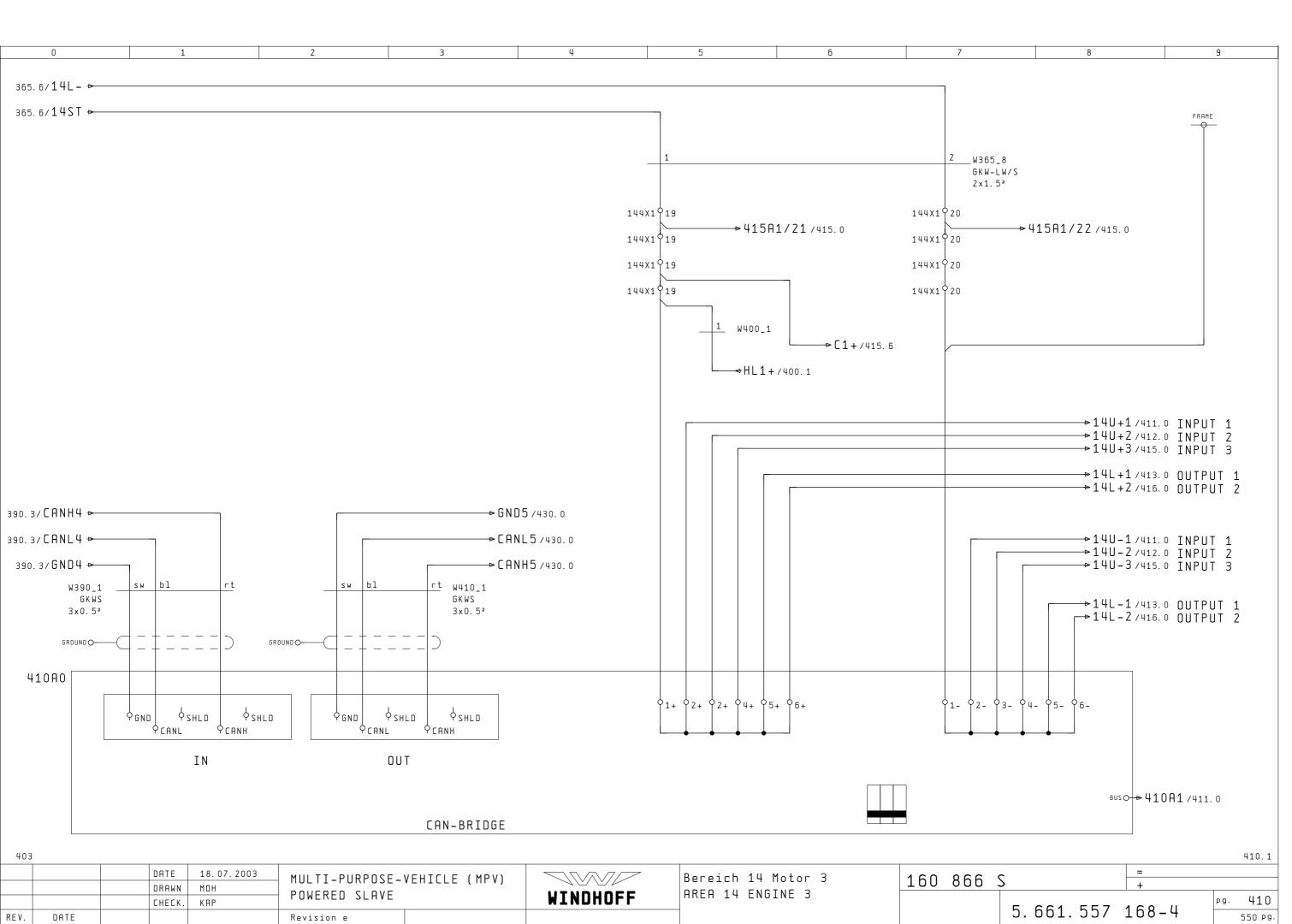
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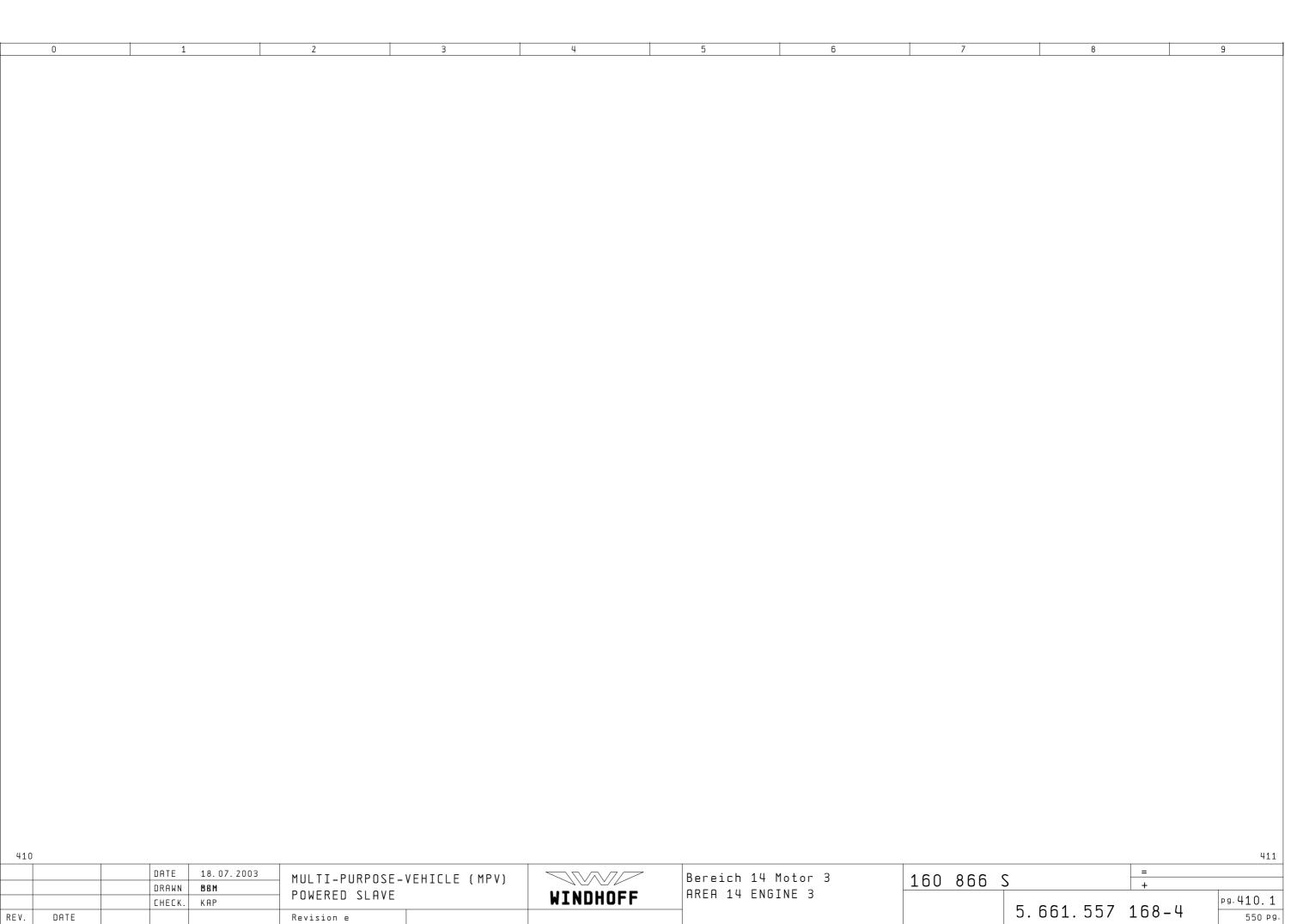
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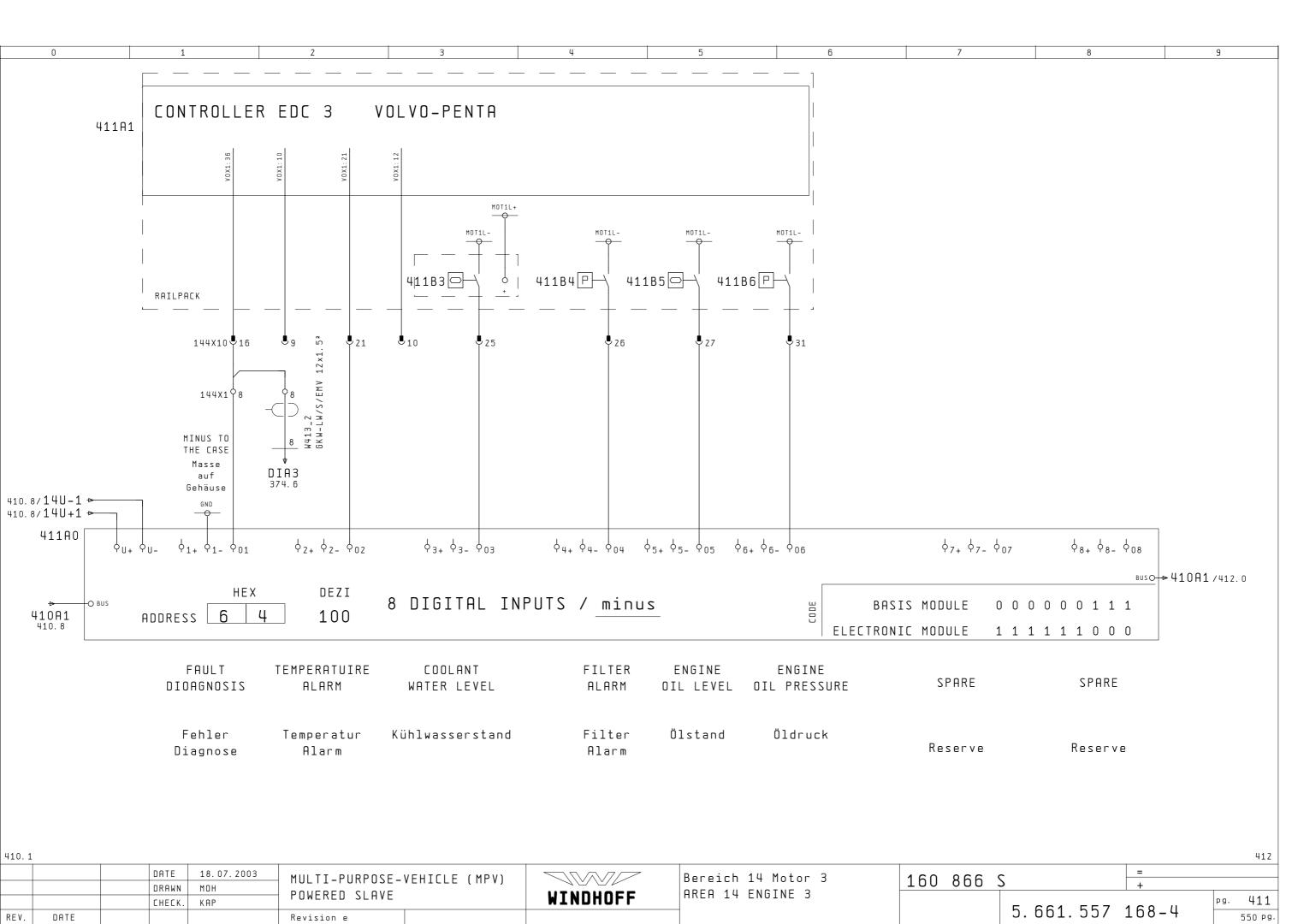
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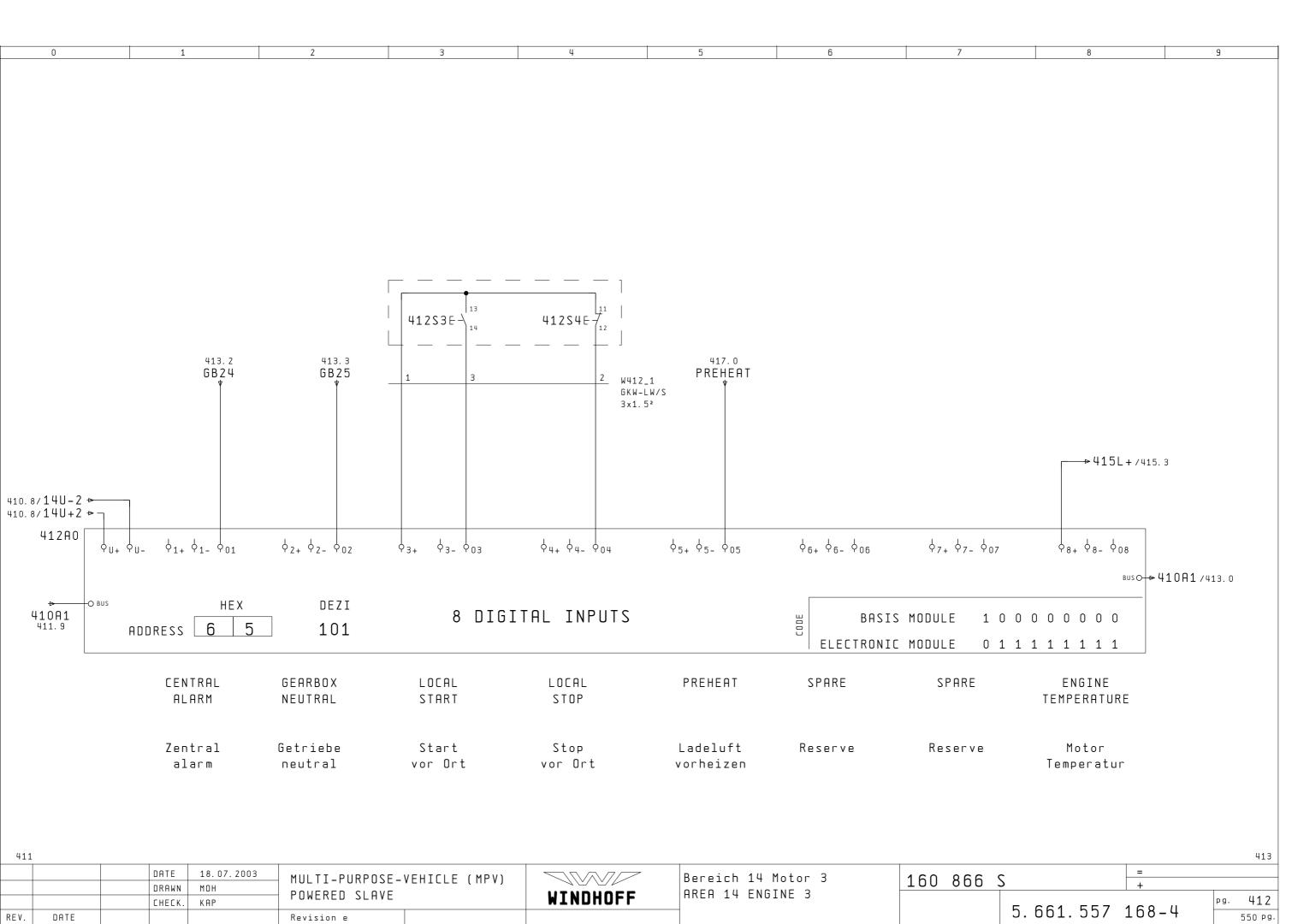
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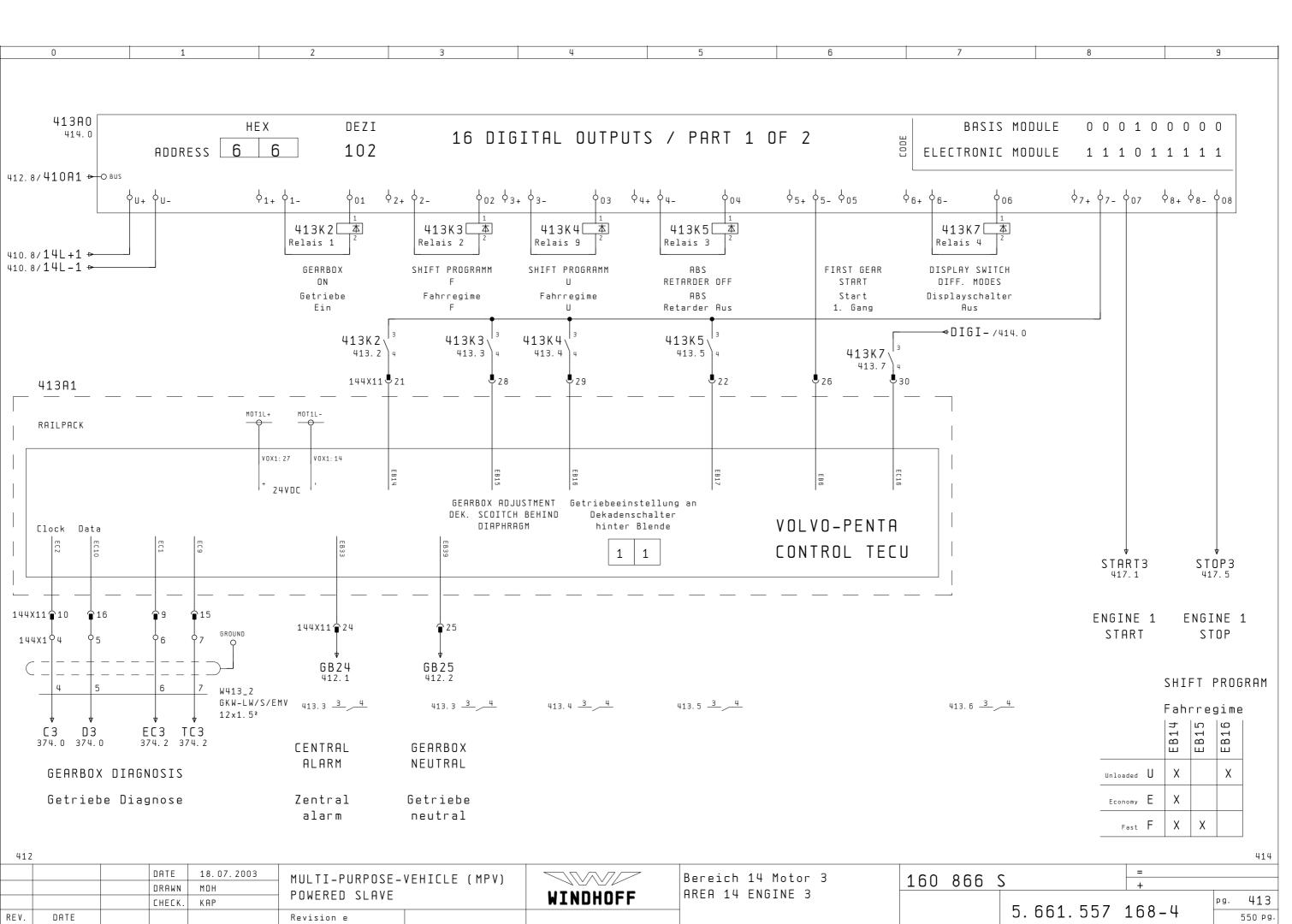
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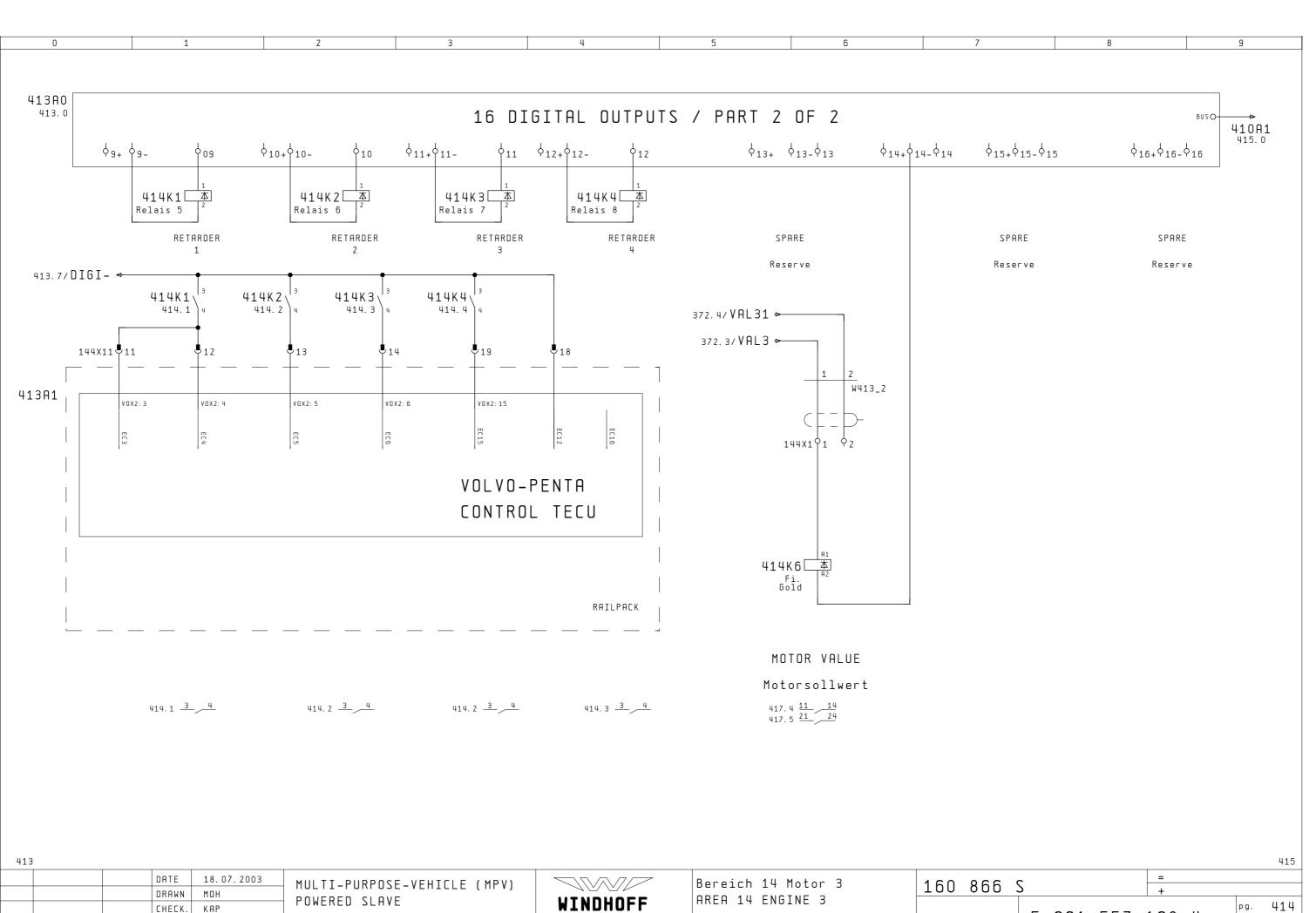












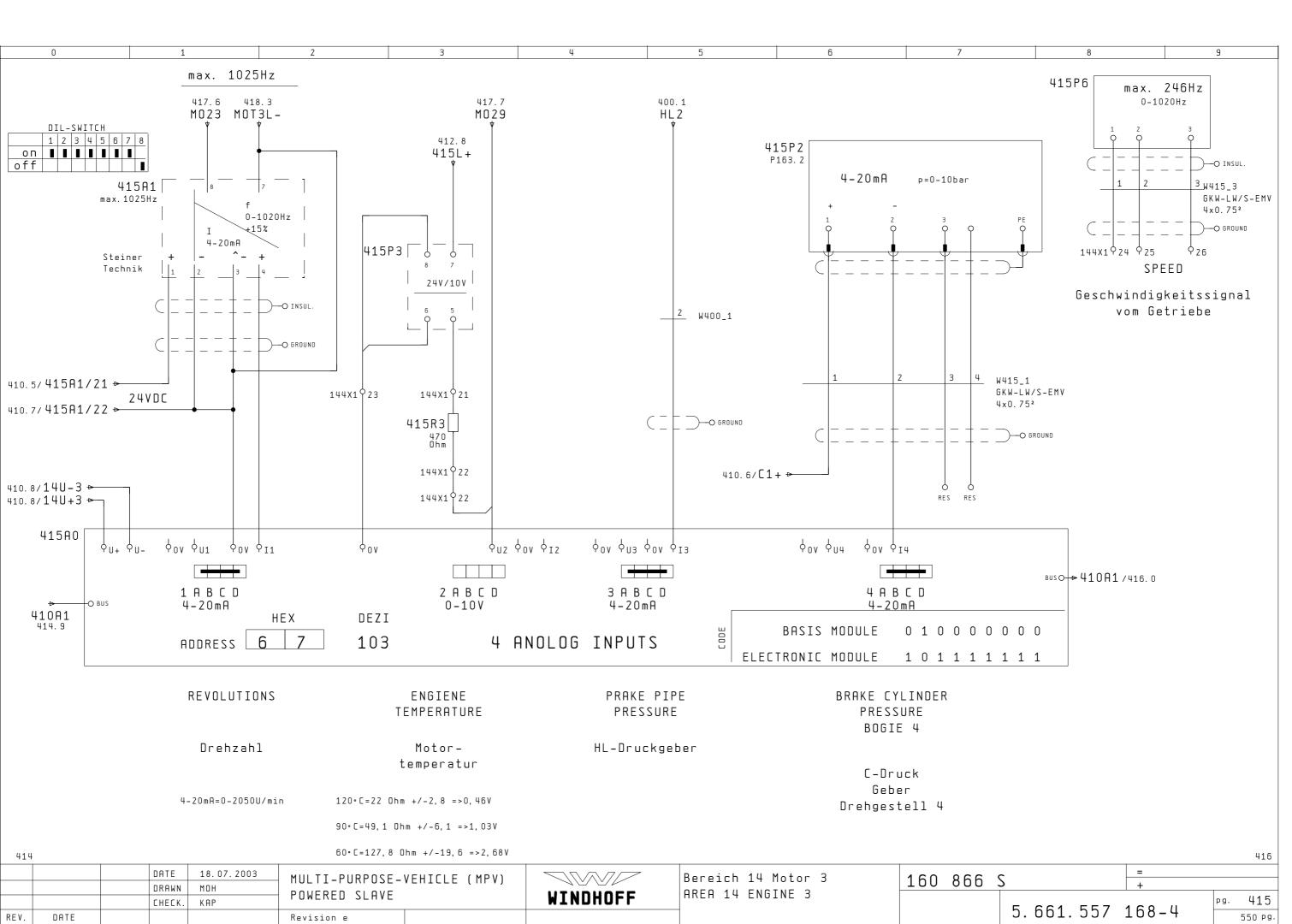
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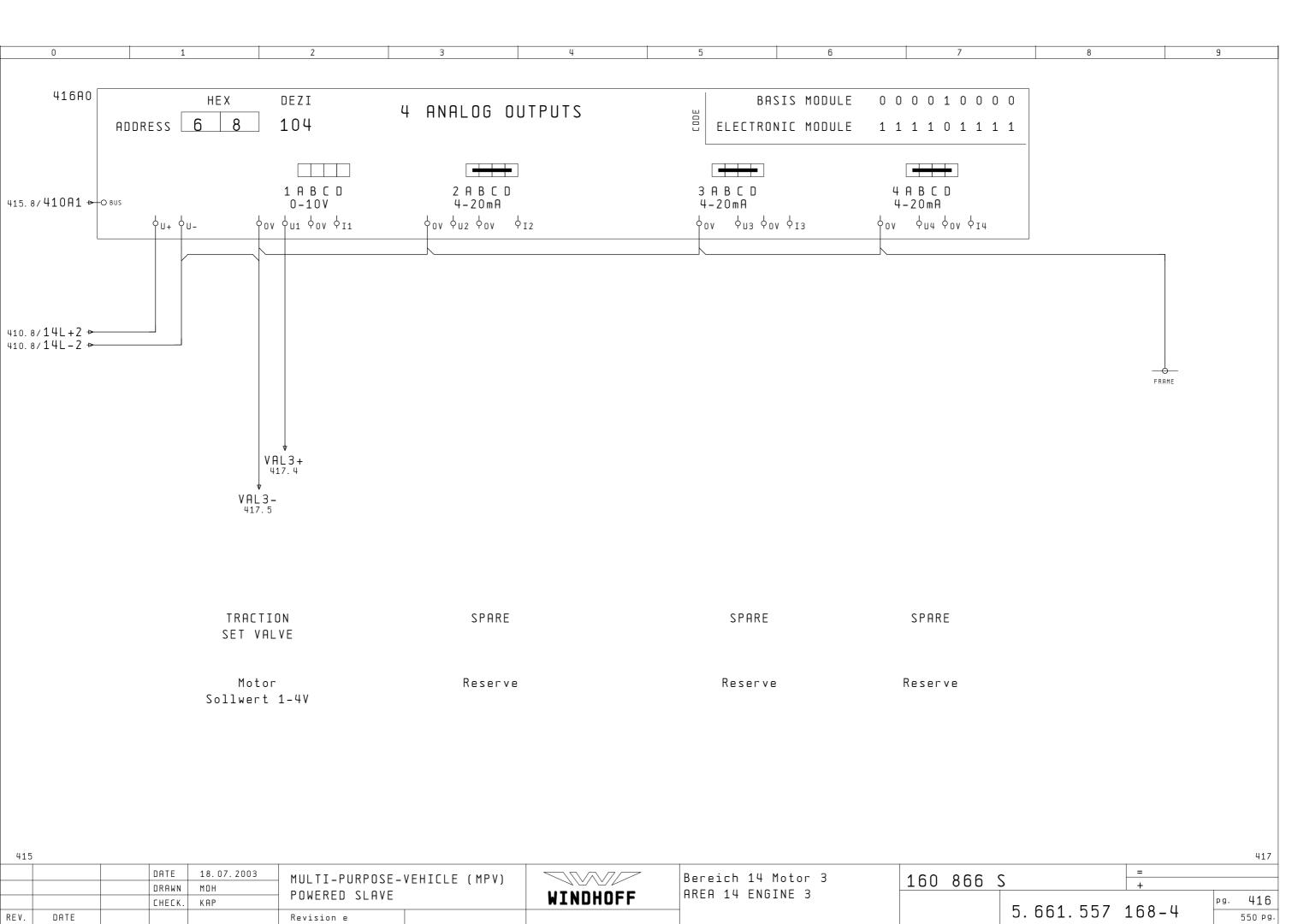
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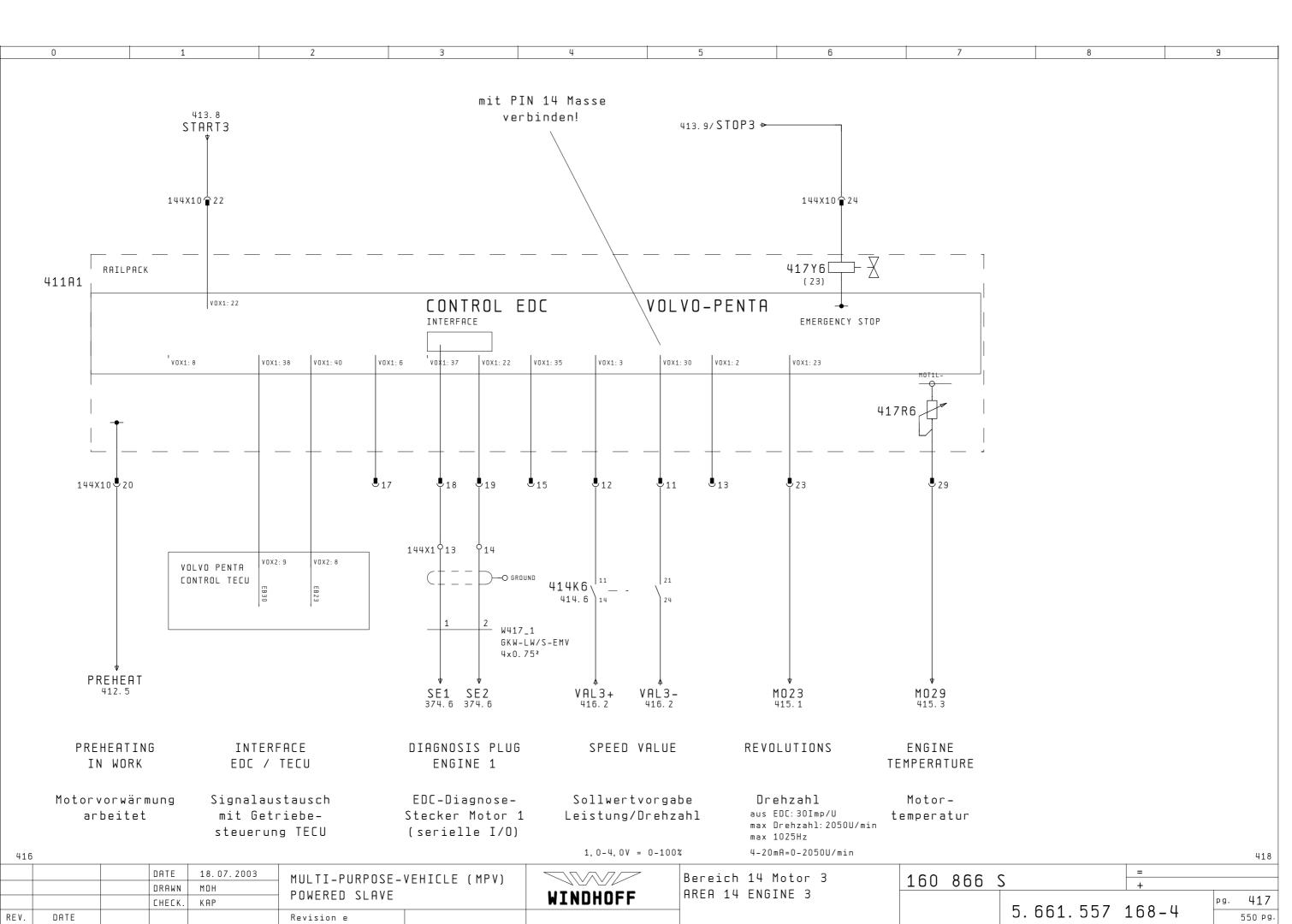
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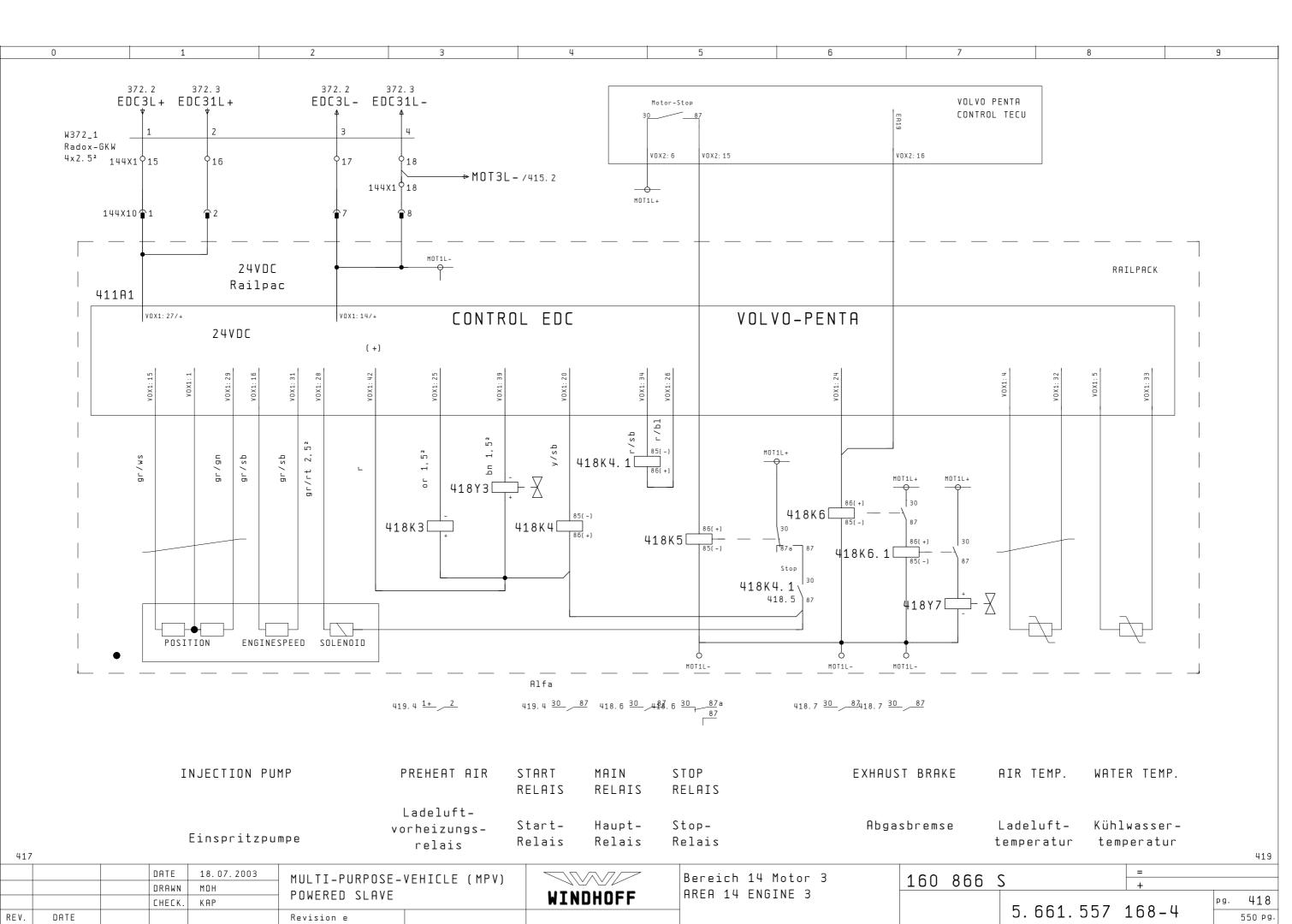
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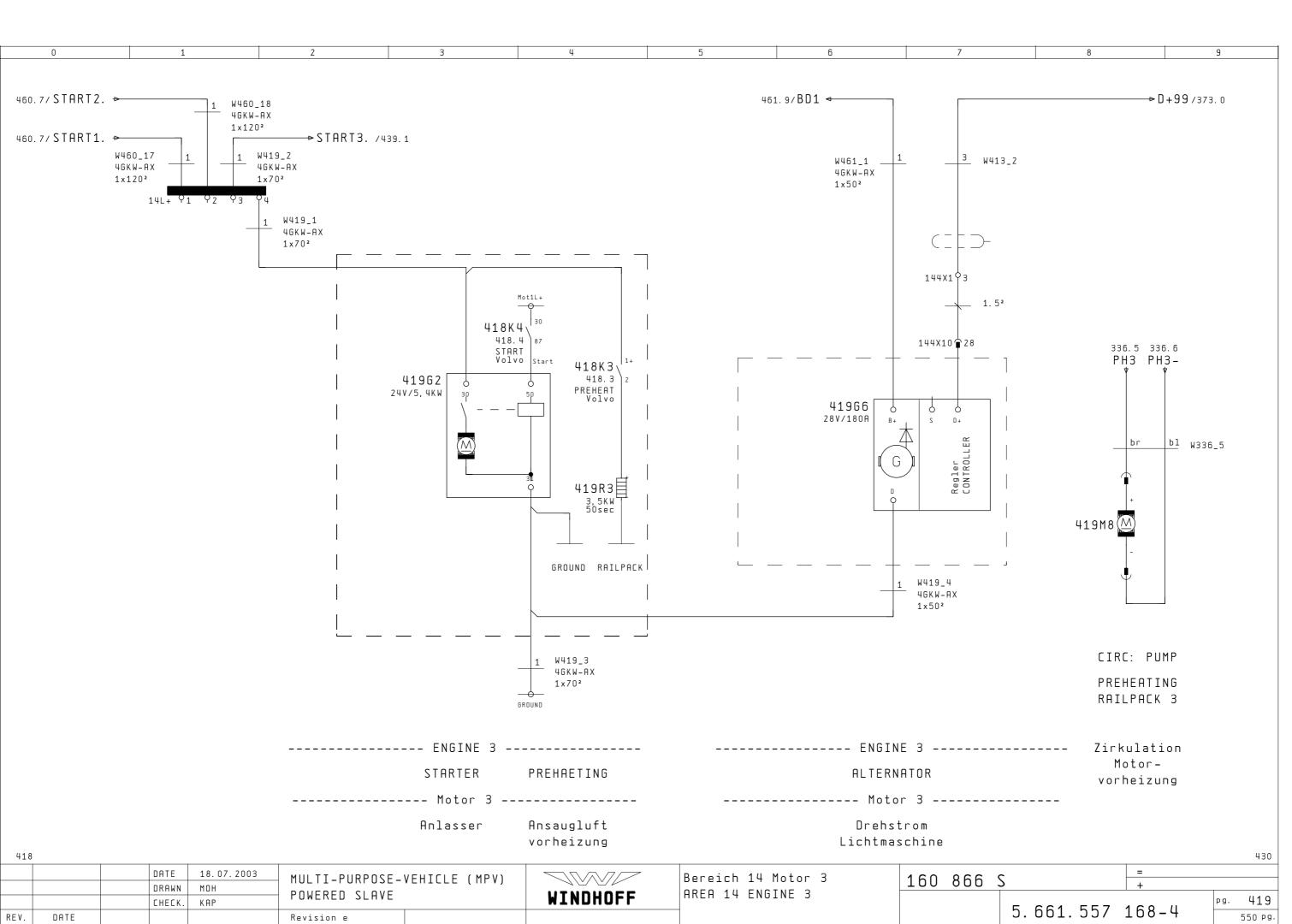
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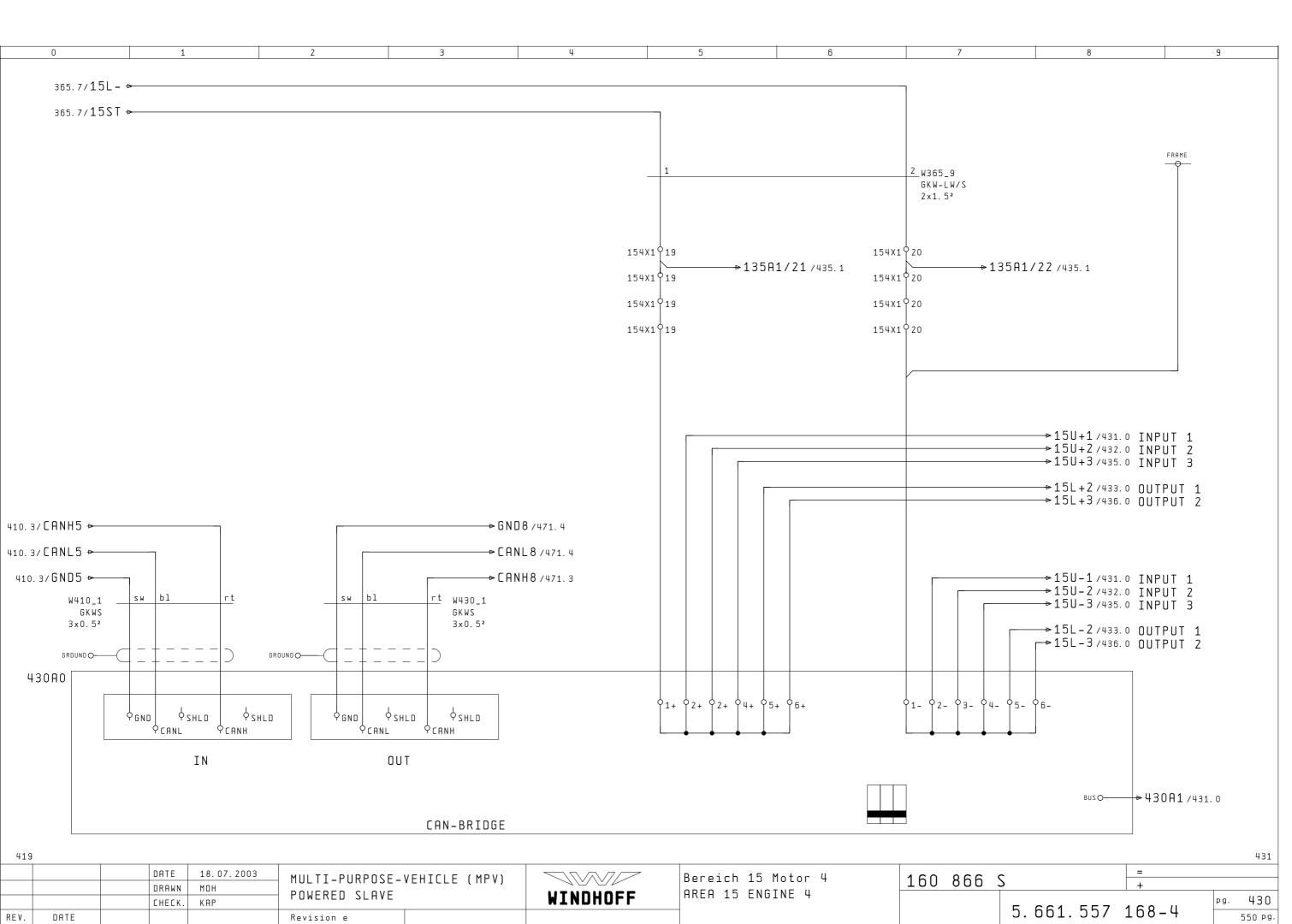


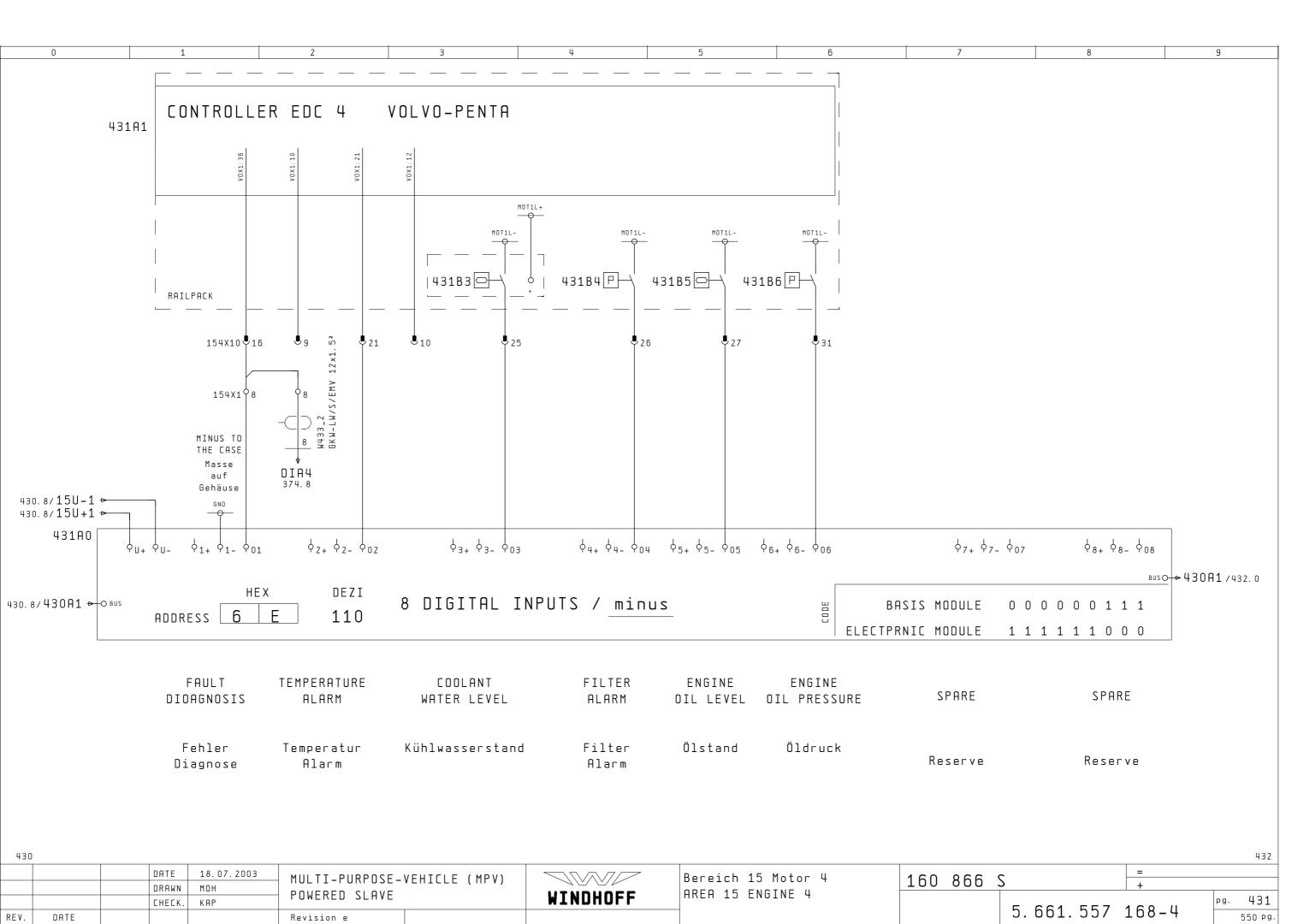


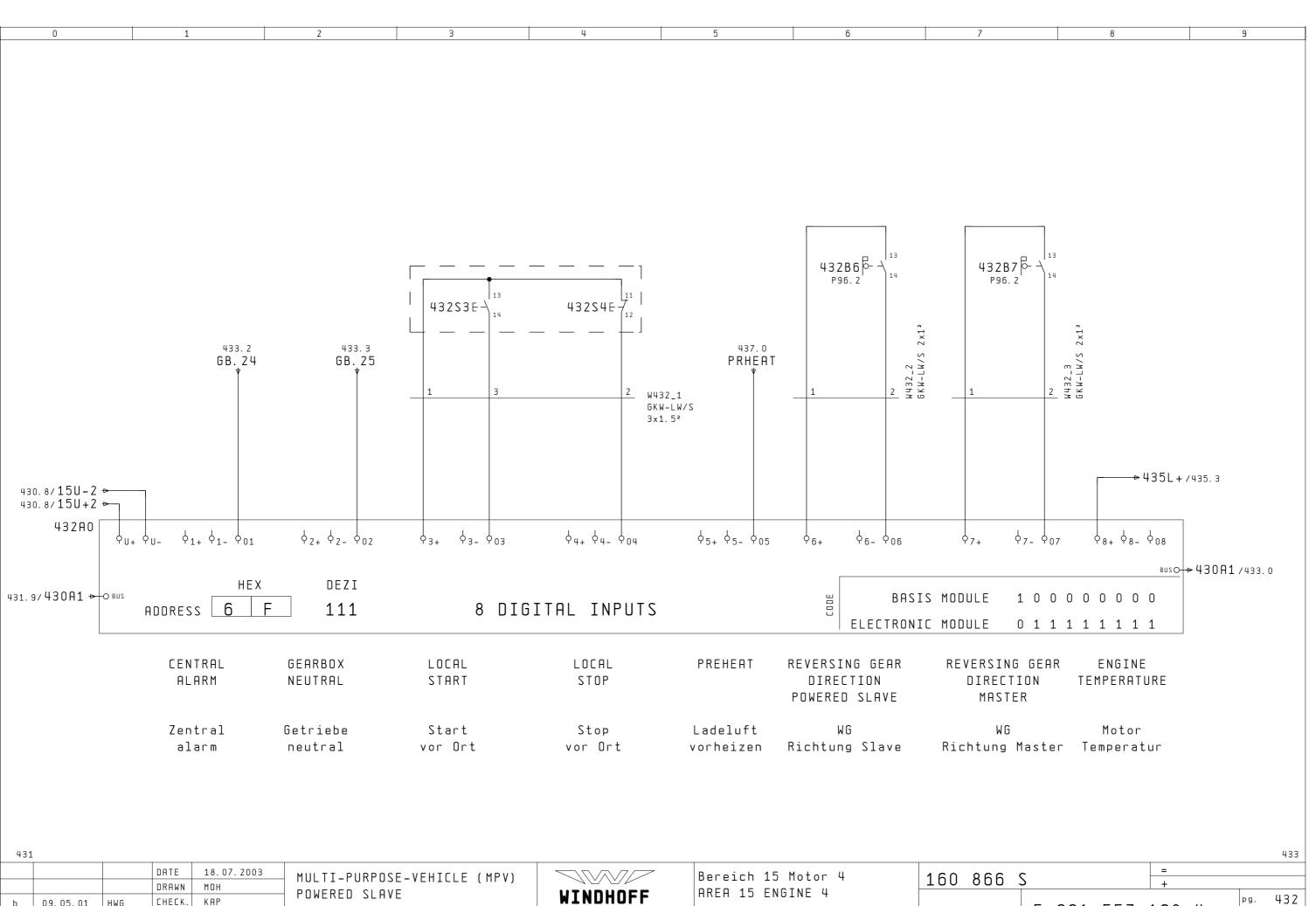












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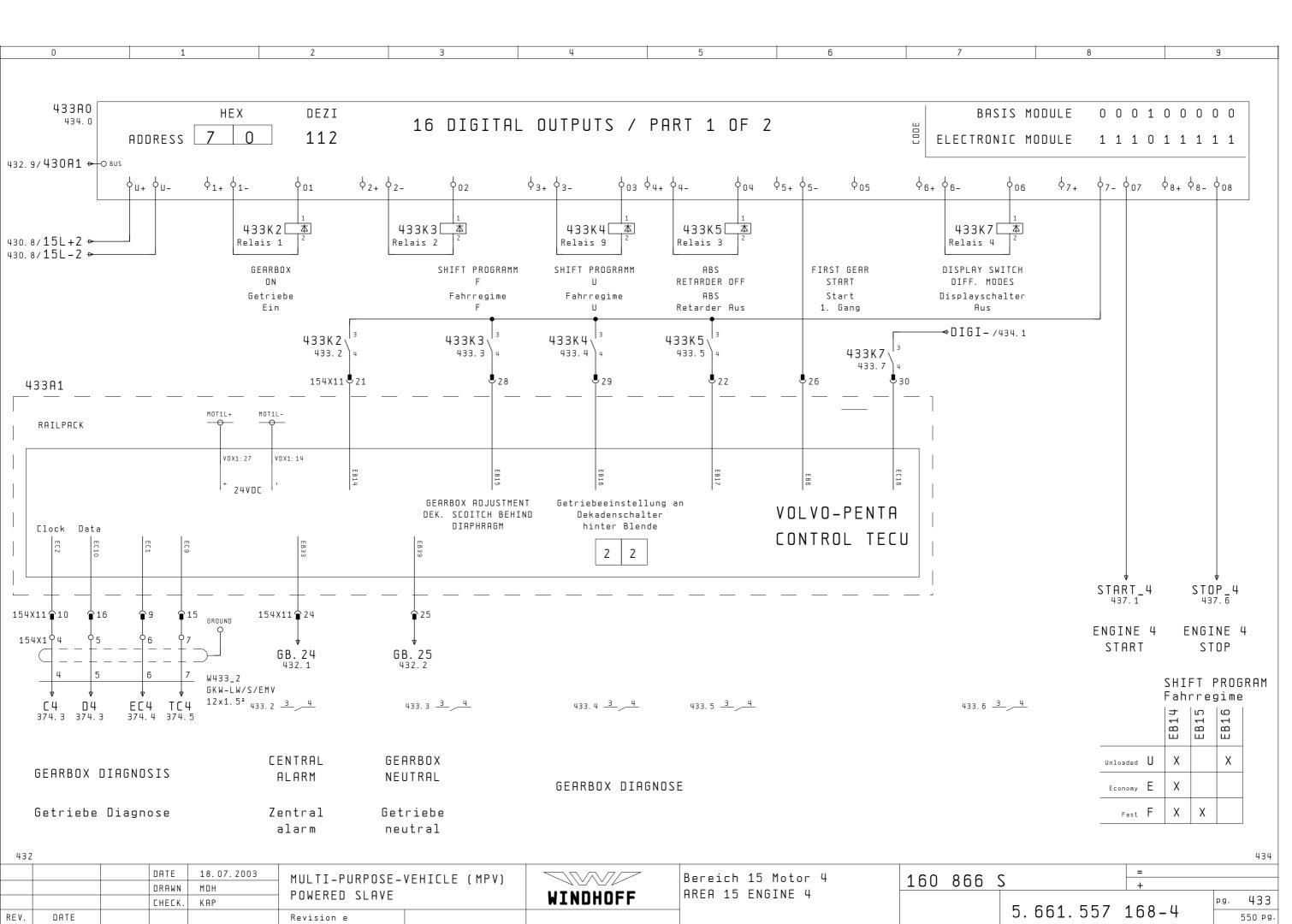
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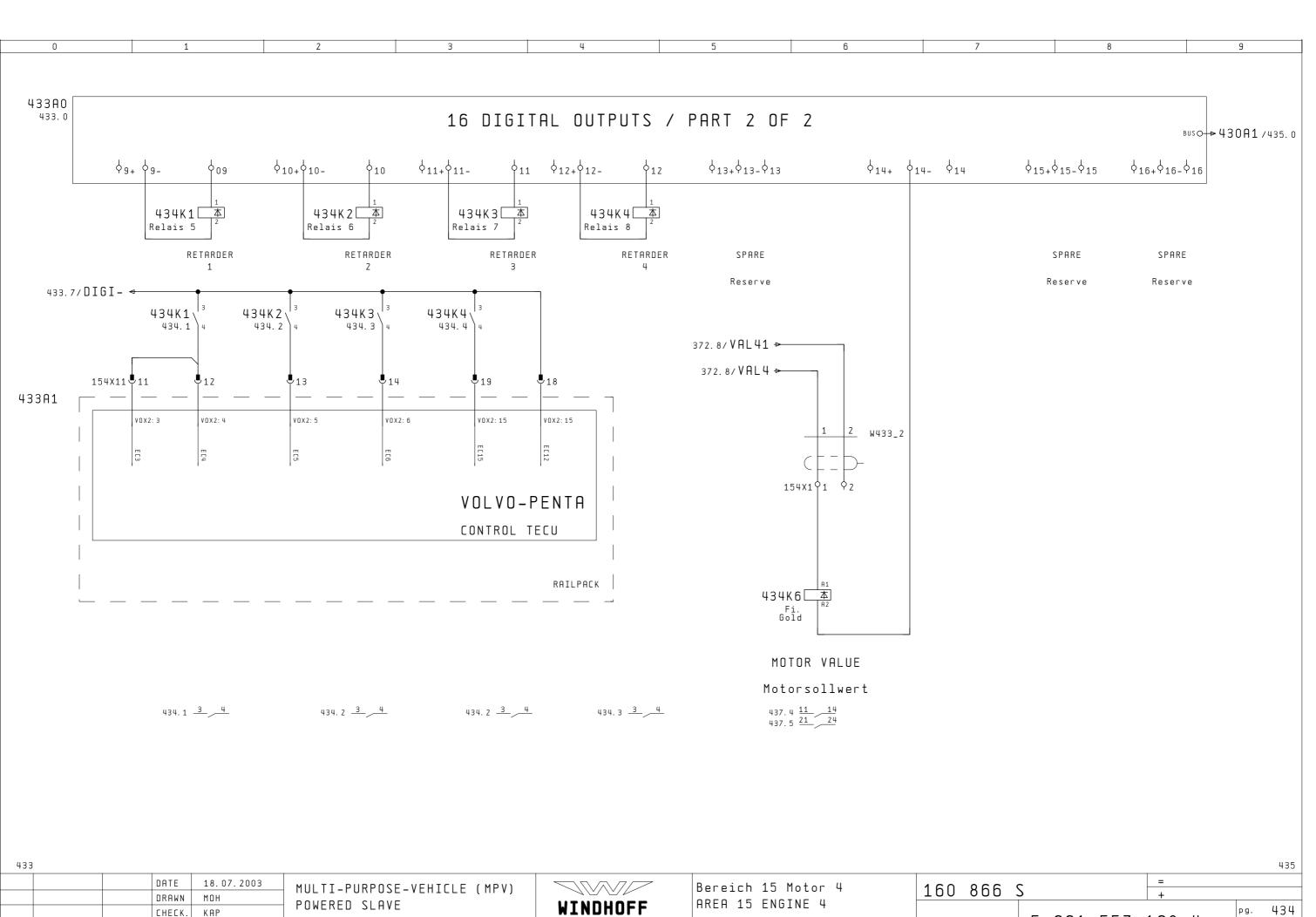
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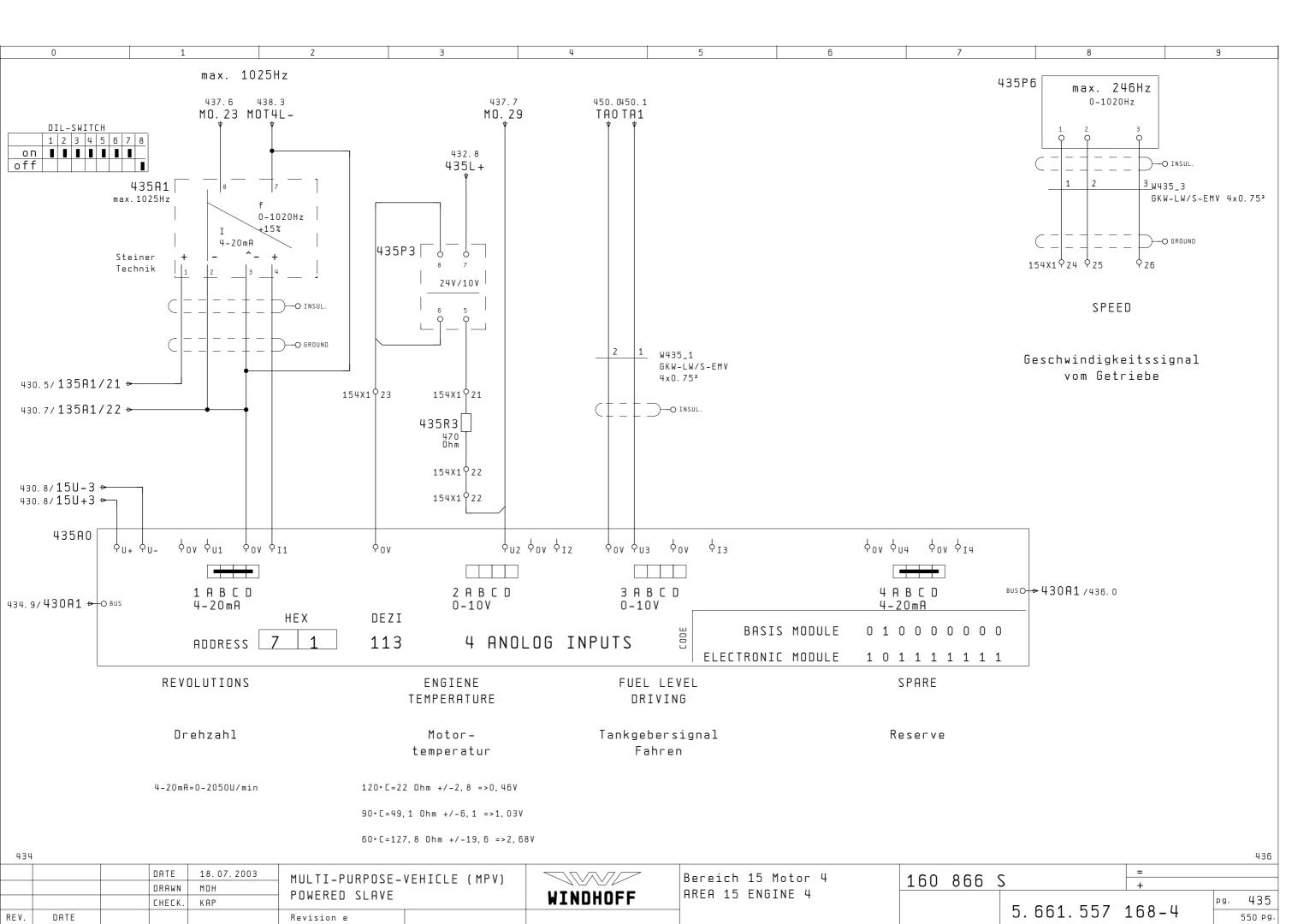


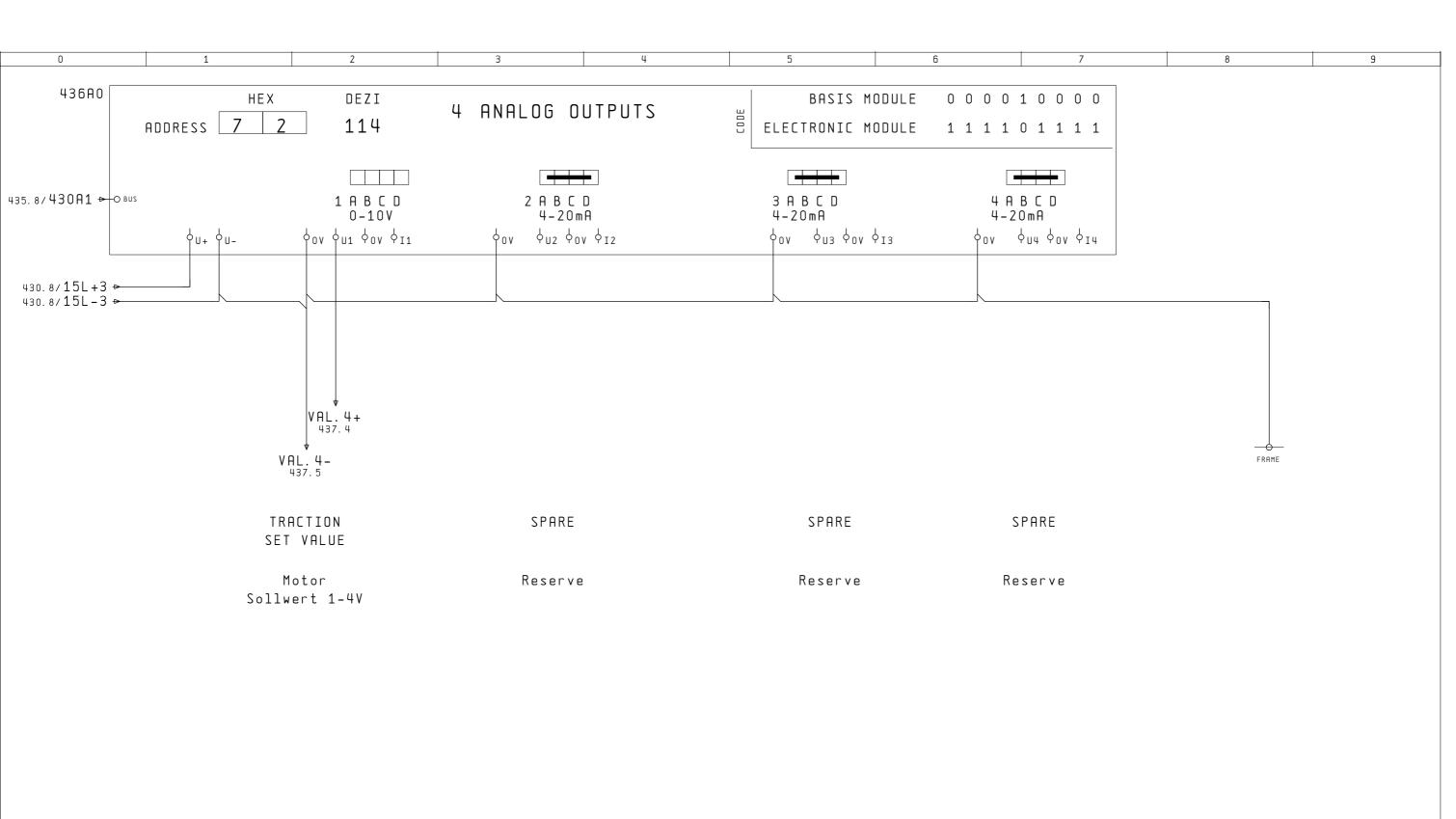
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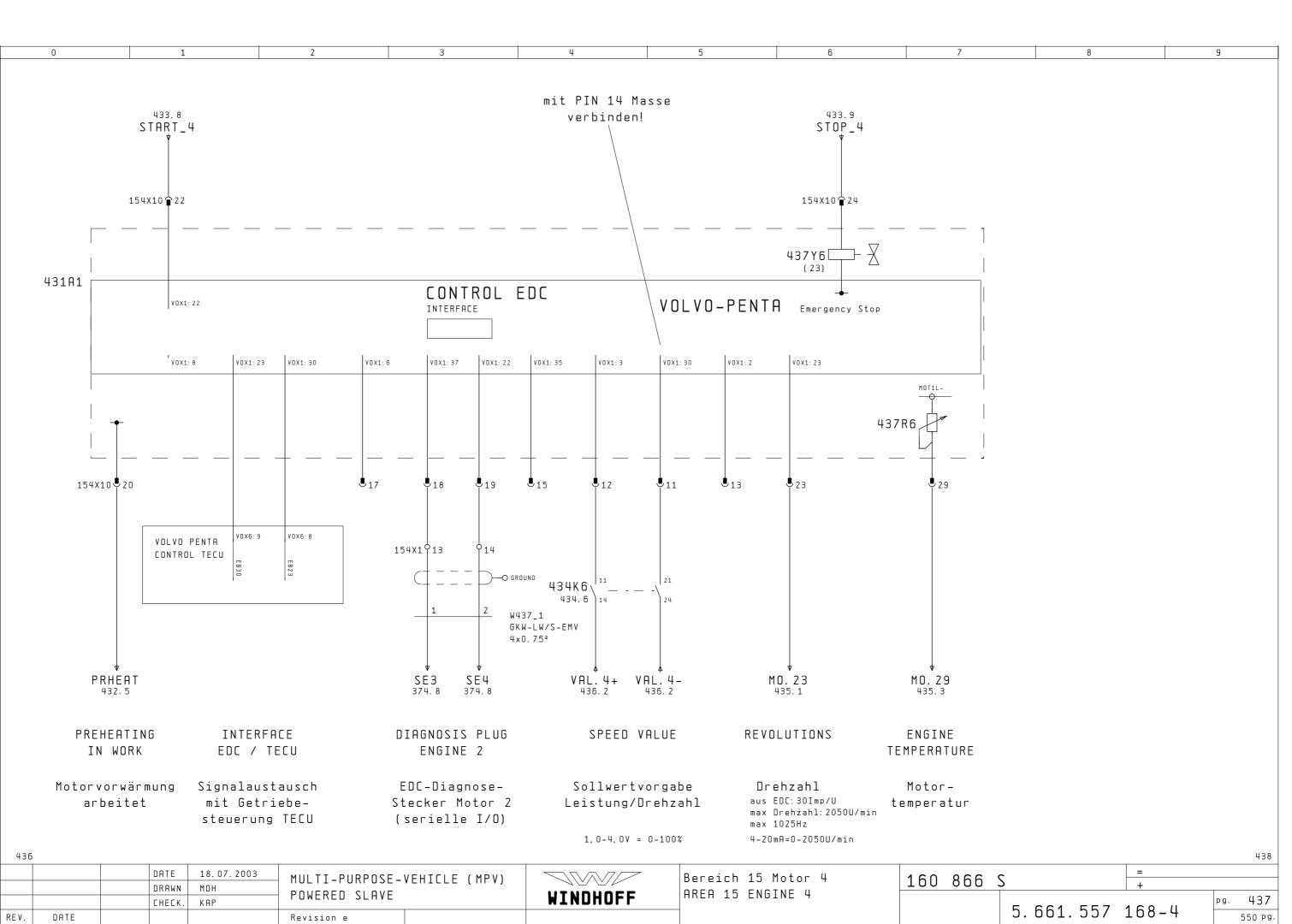
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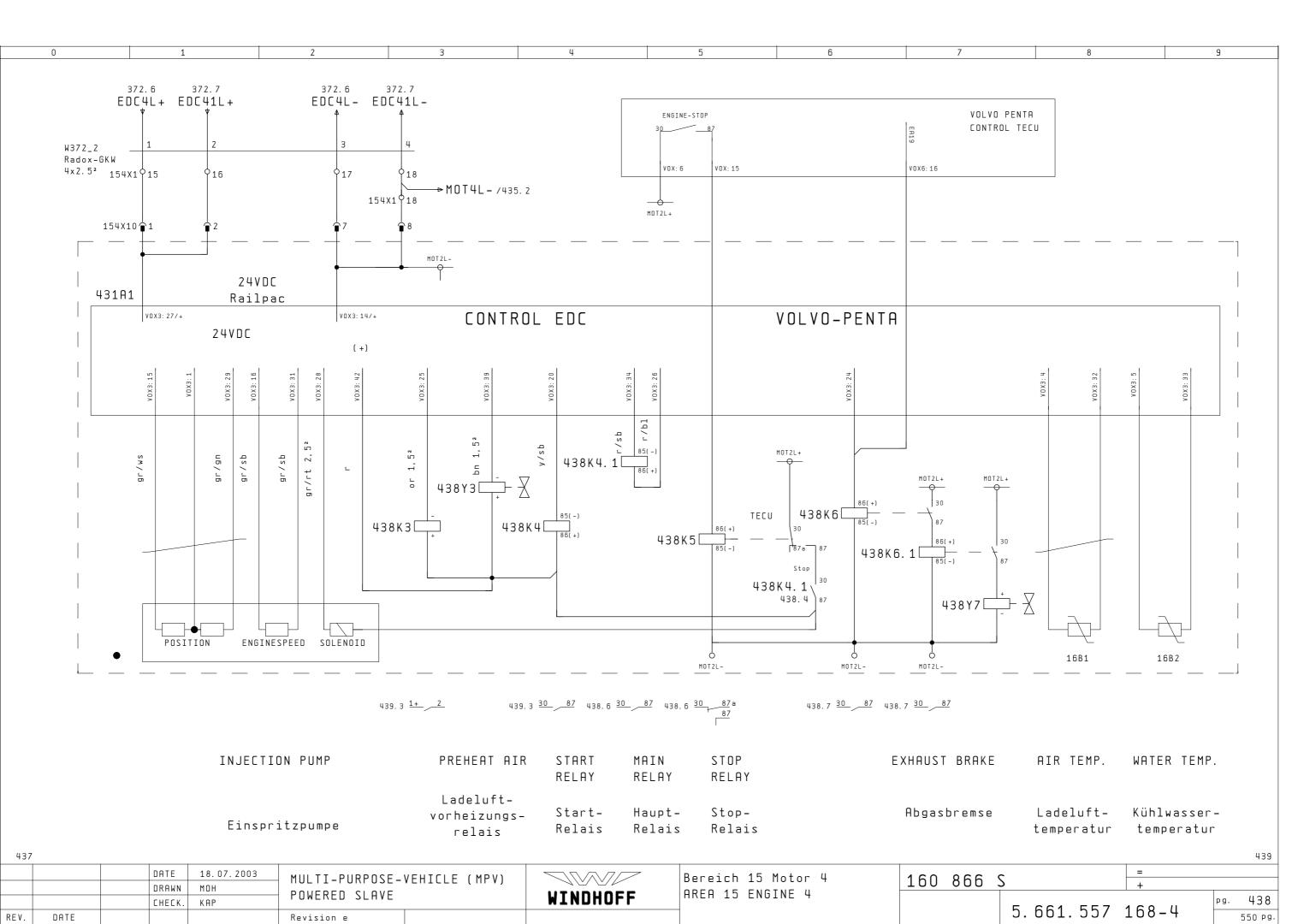
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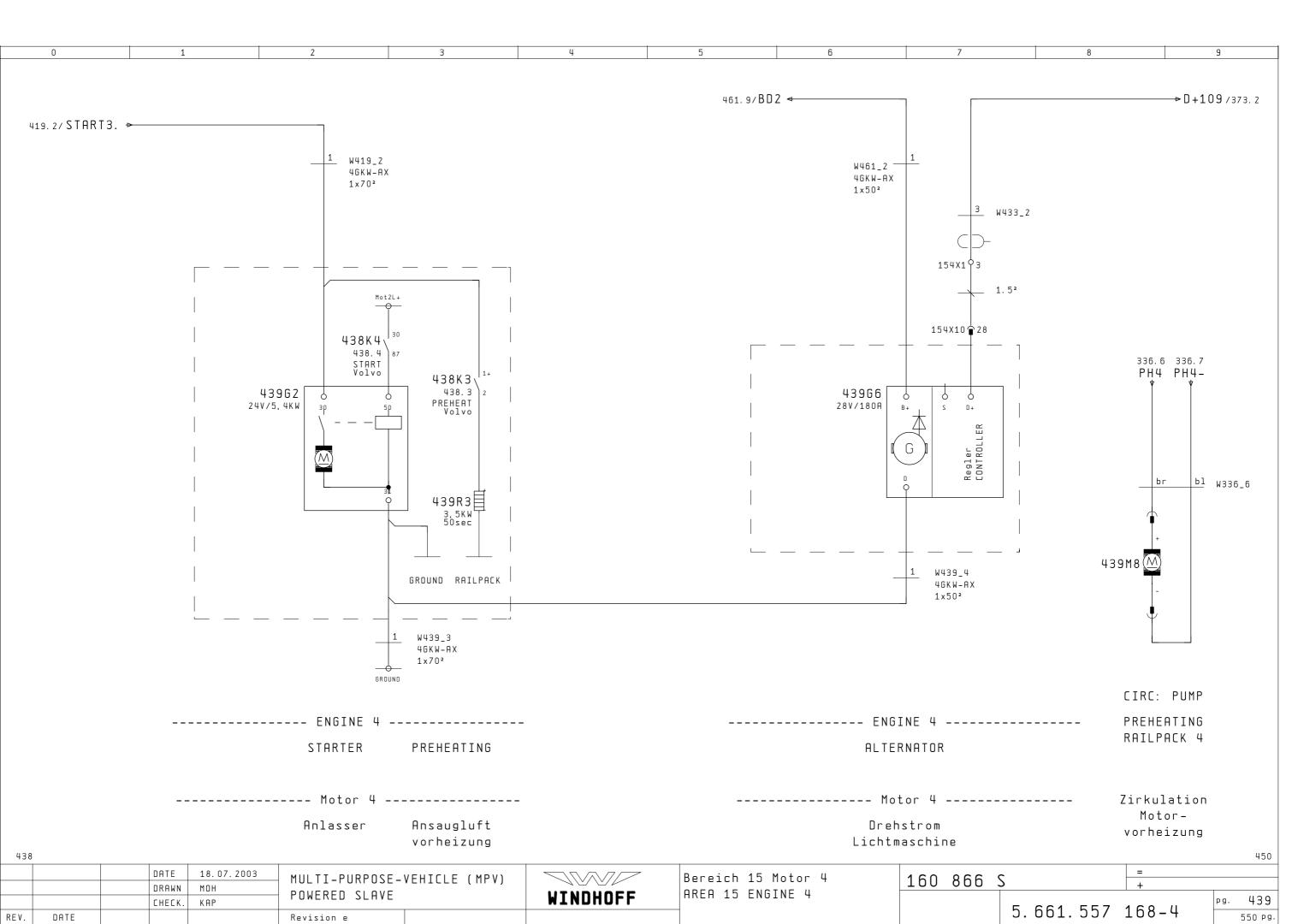


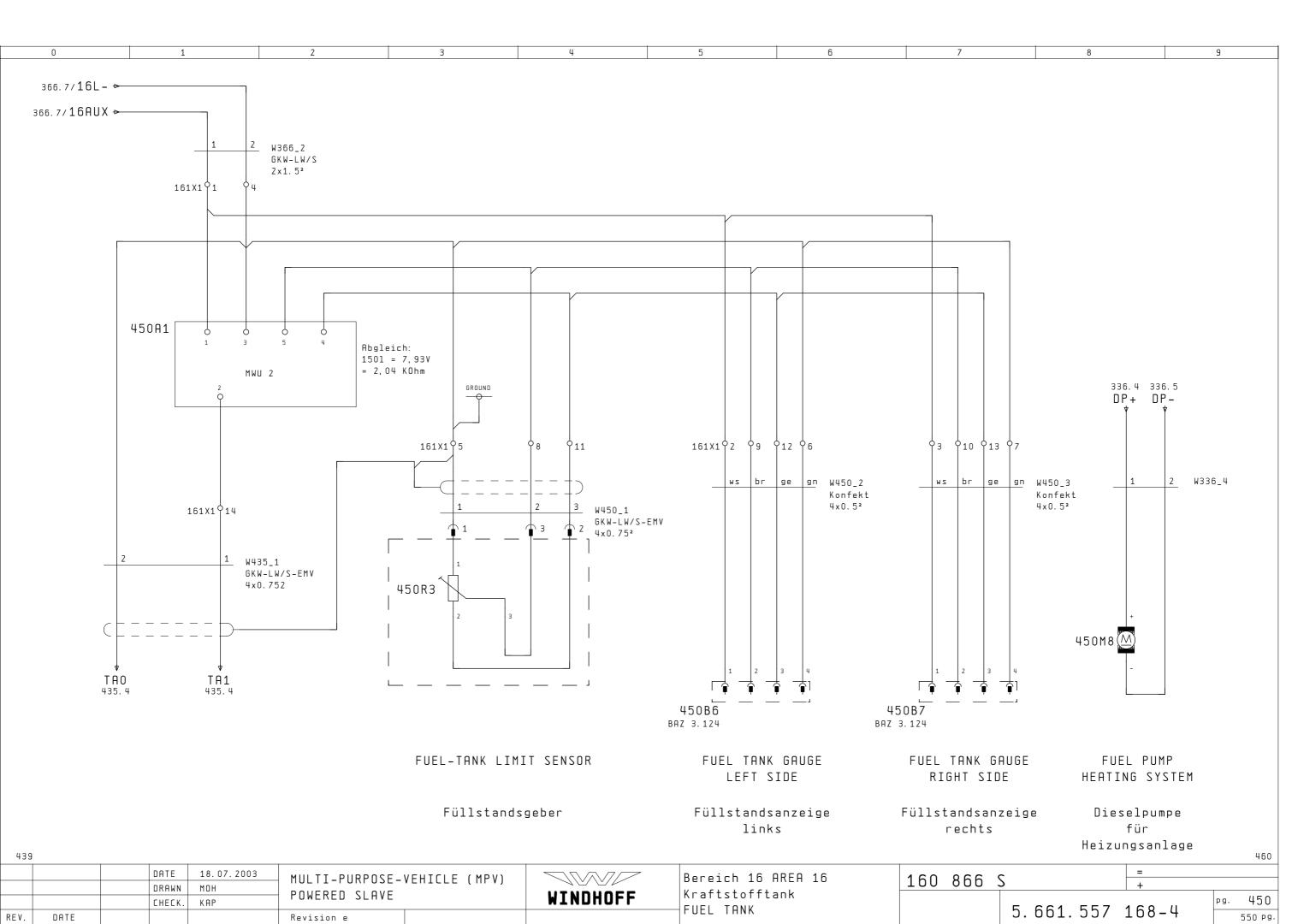


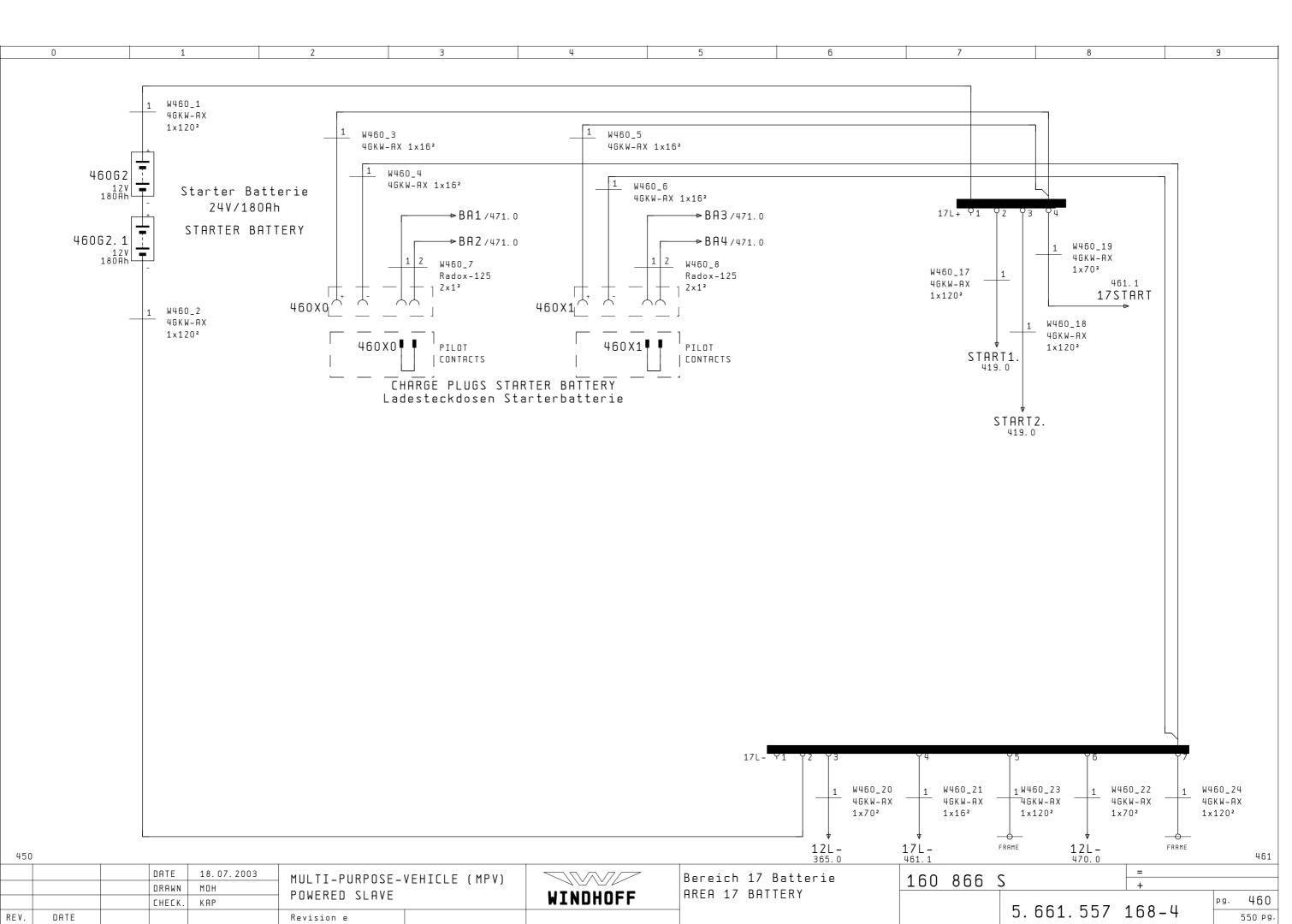
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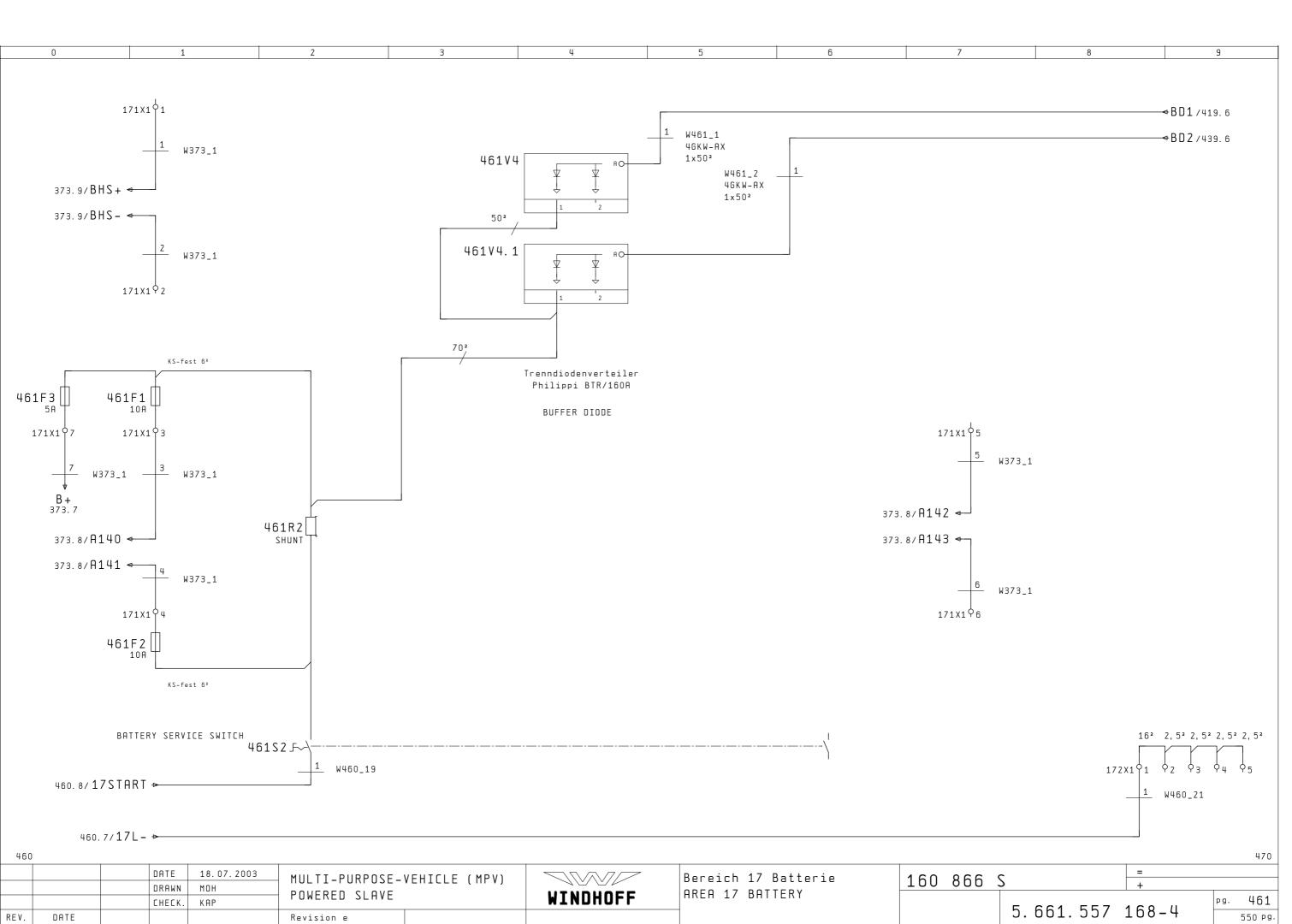


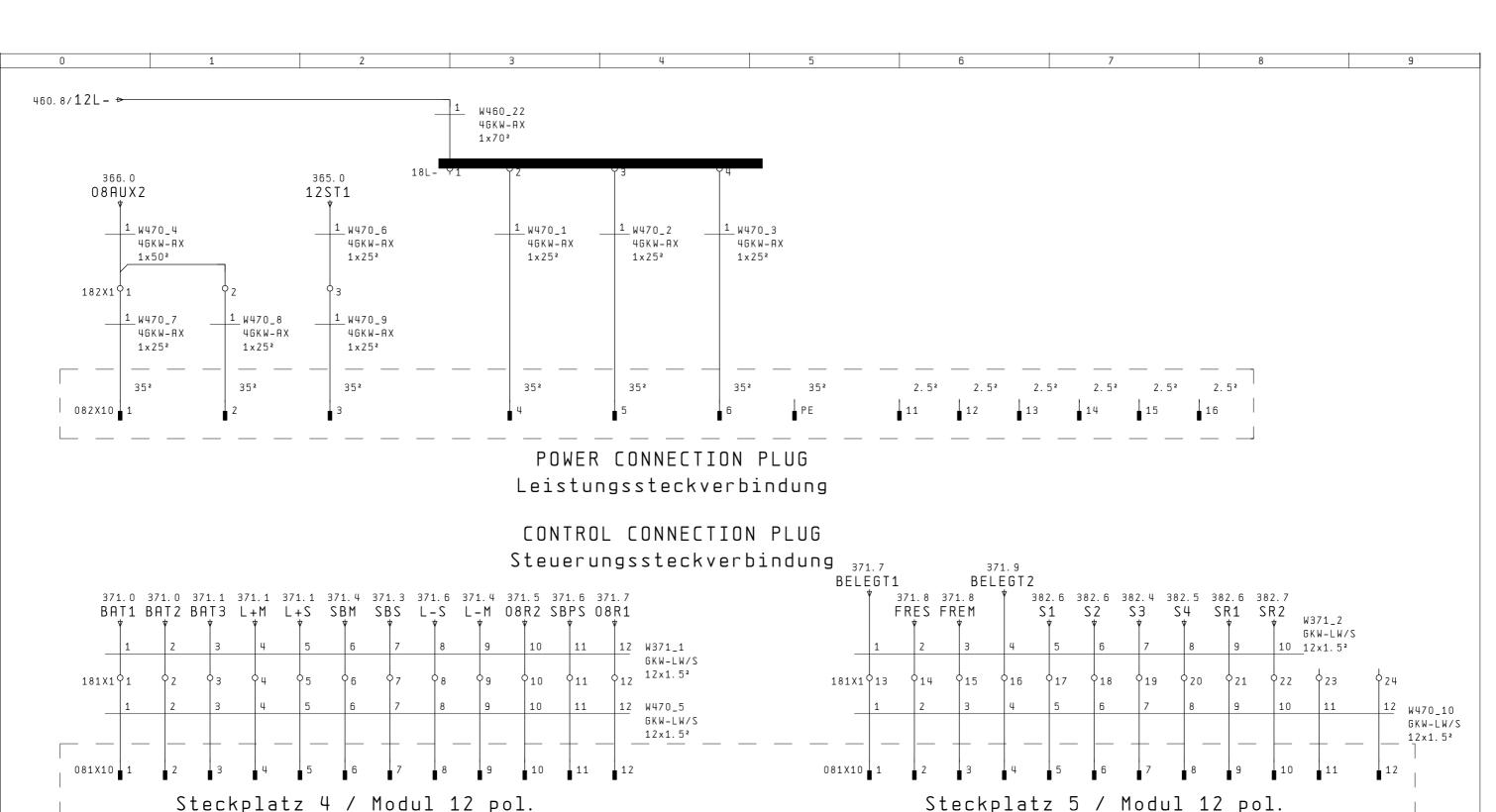










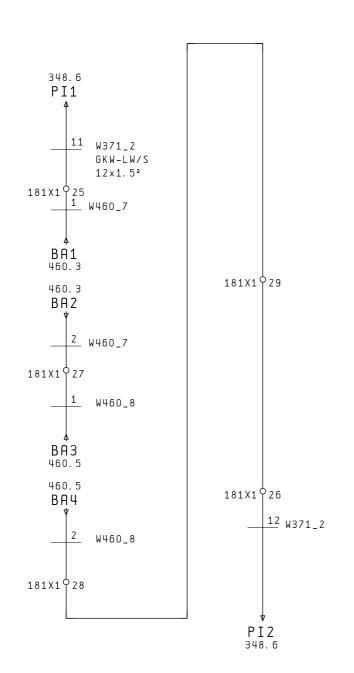


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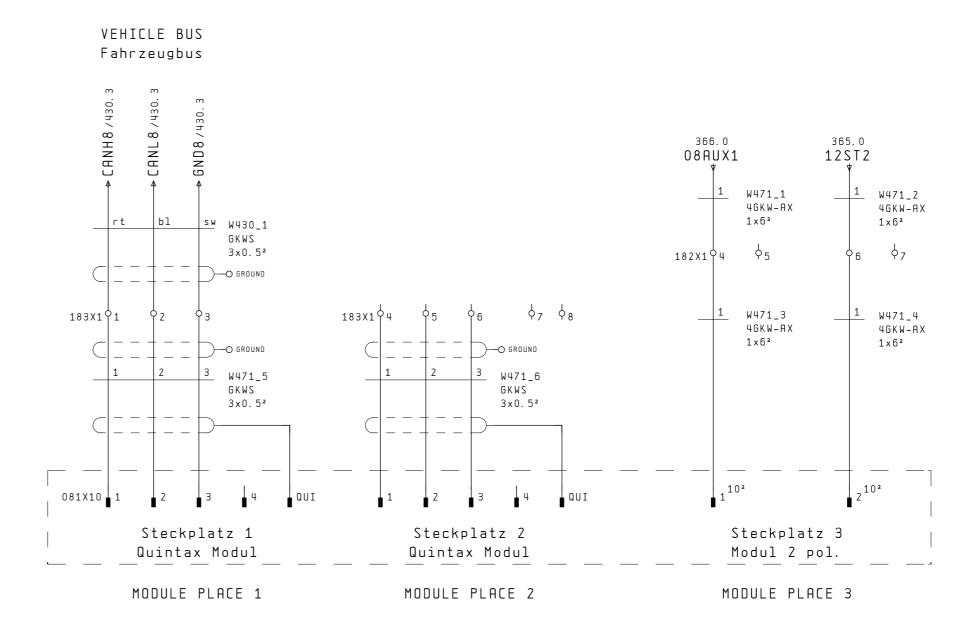
MODULE PLACE 5 / MODULE 12 pole

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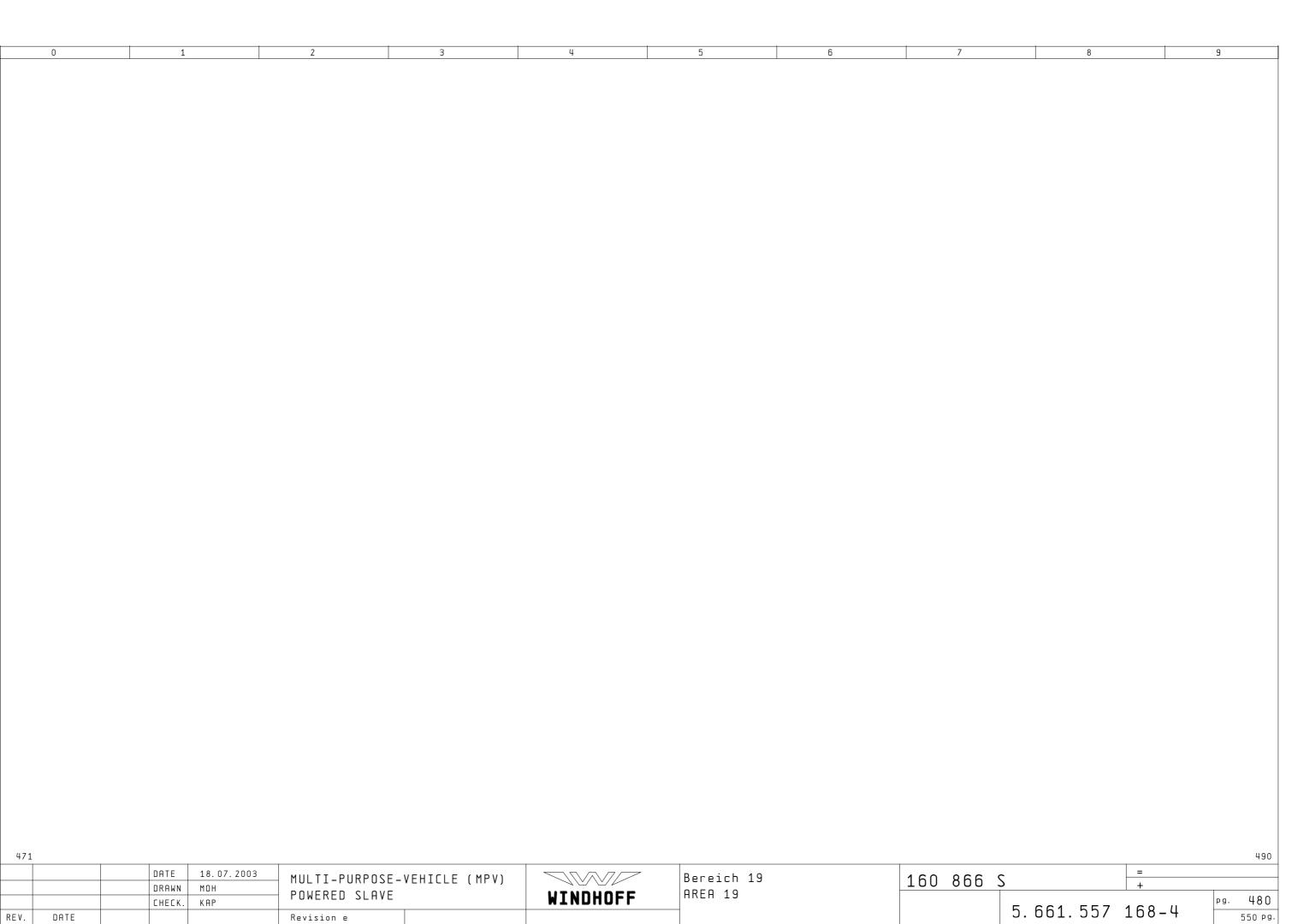
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Pilotkontakte Batterieladestecker

PILOT CONTACTS
BATTERY CHAGE PLUGS

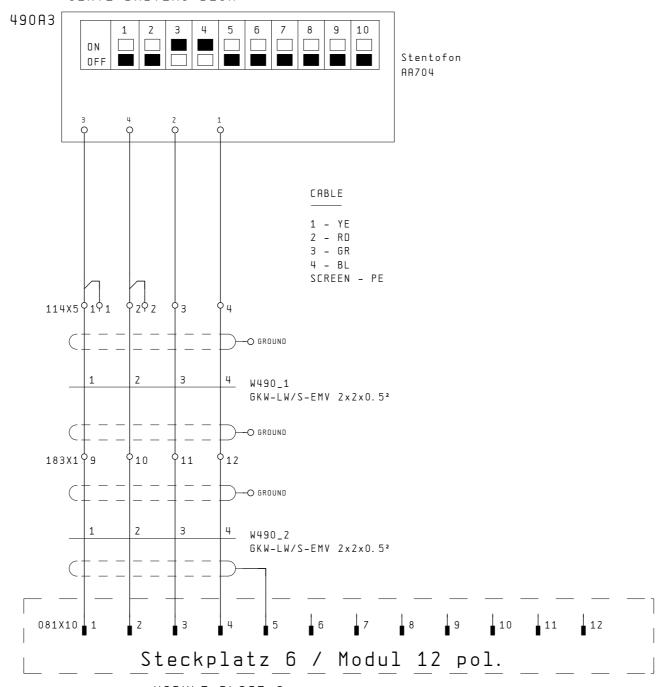
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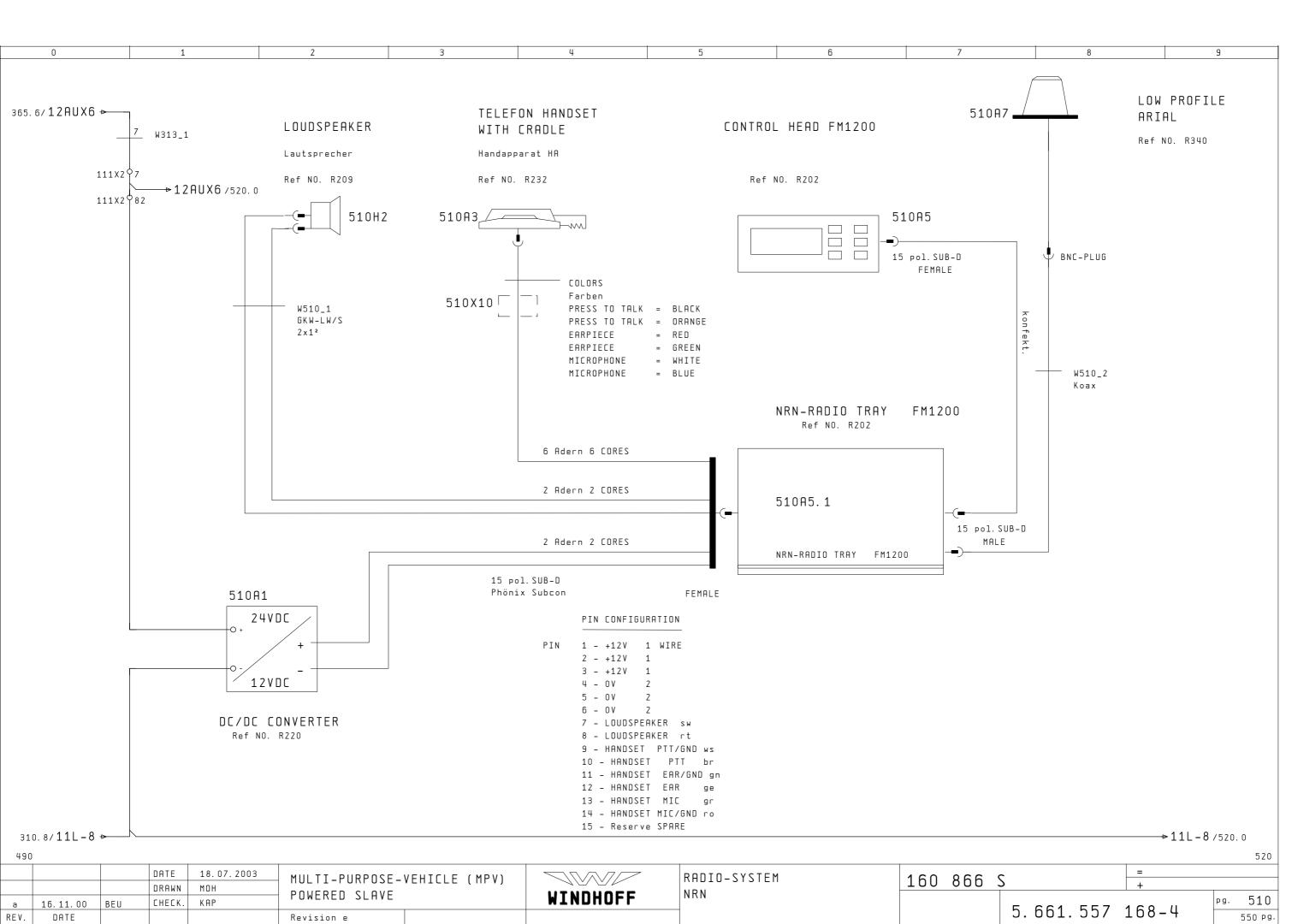
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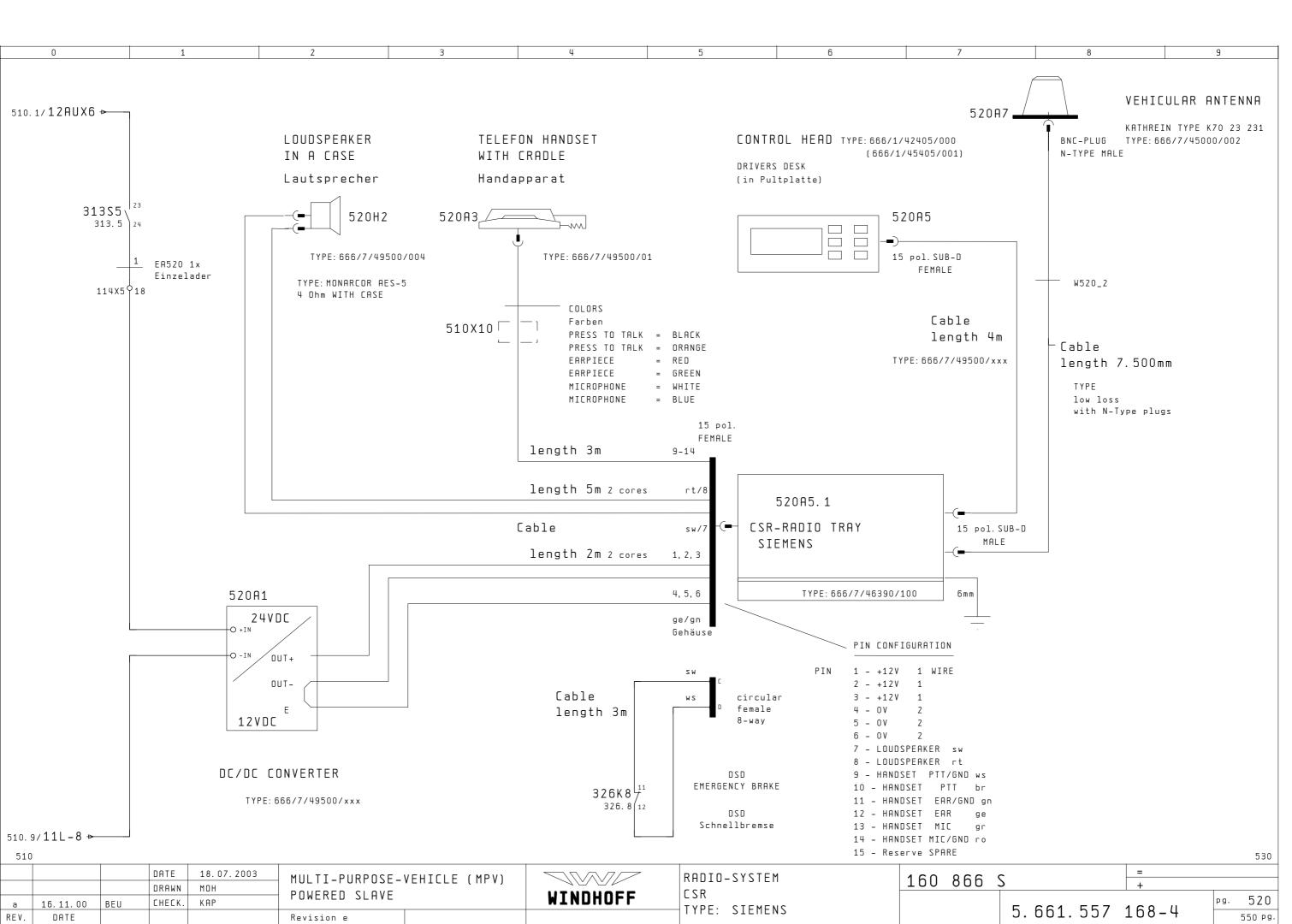
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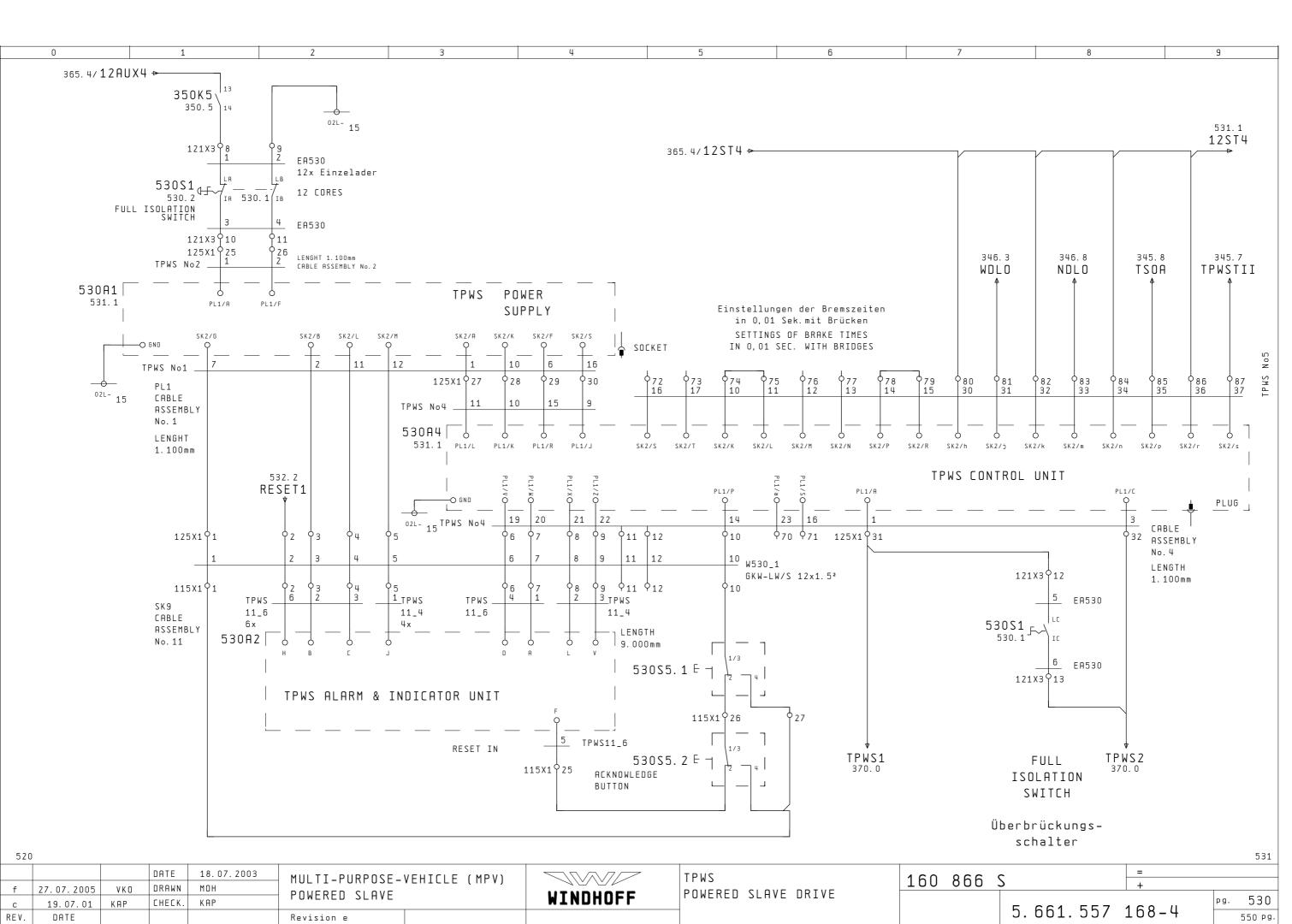


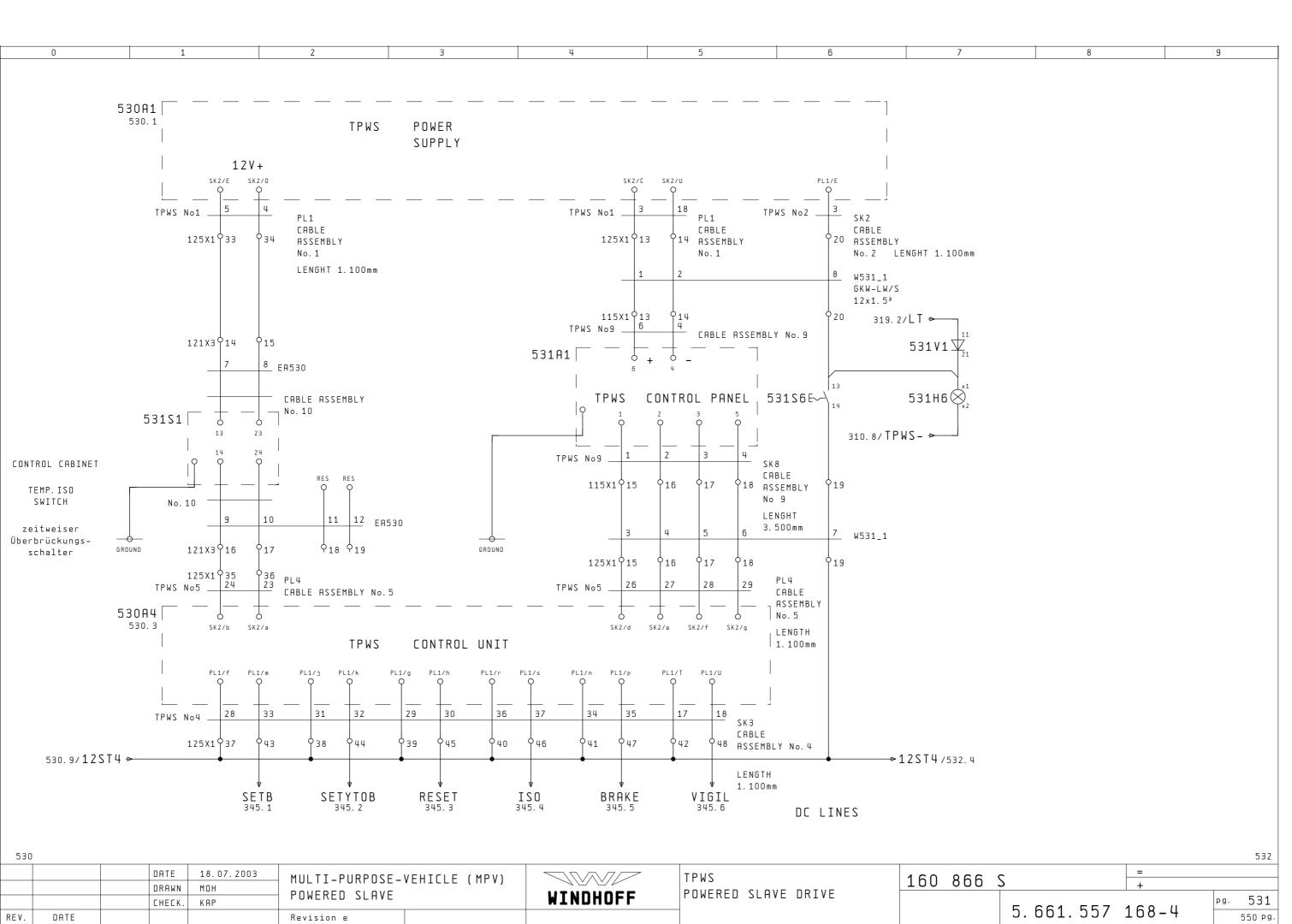
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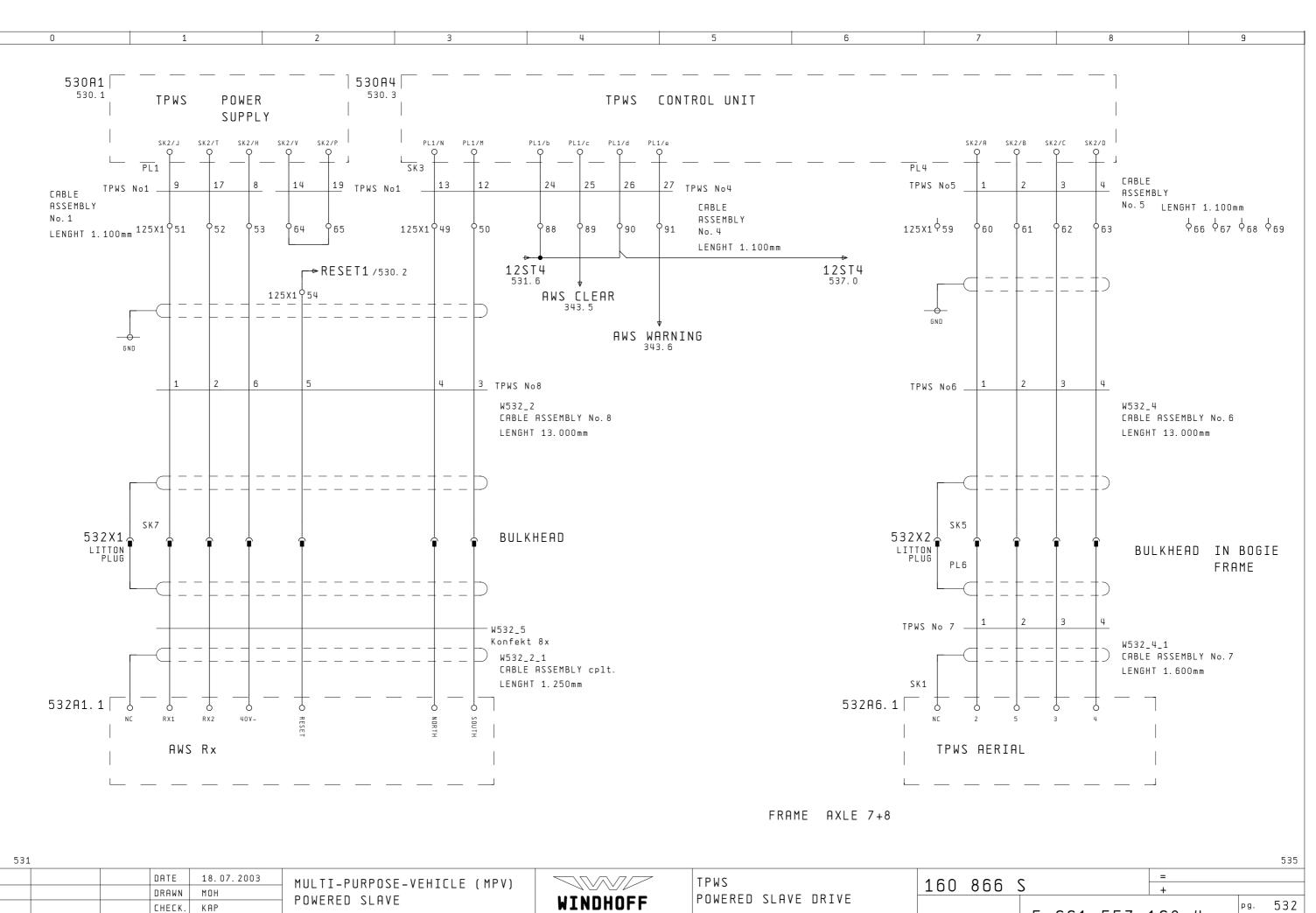
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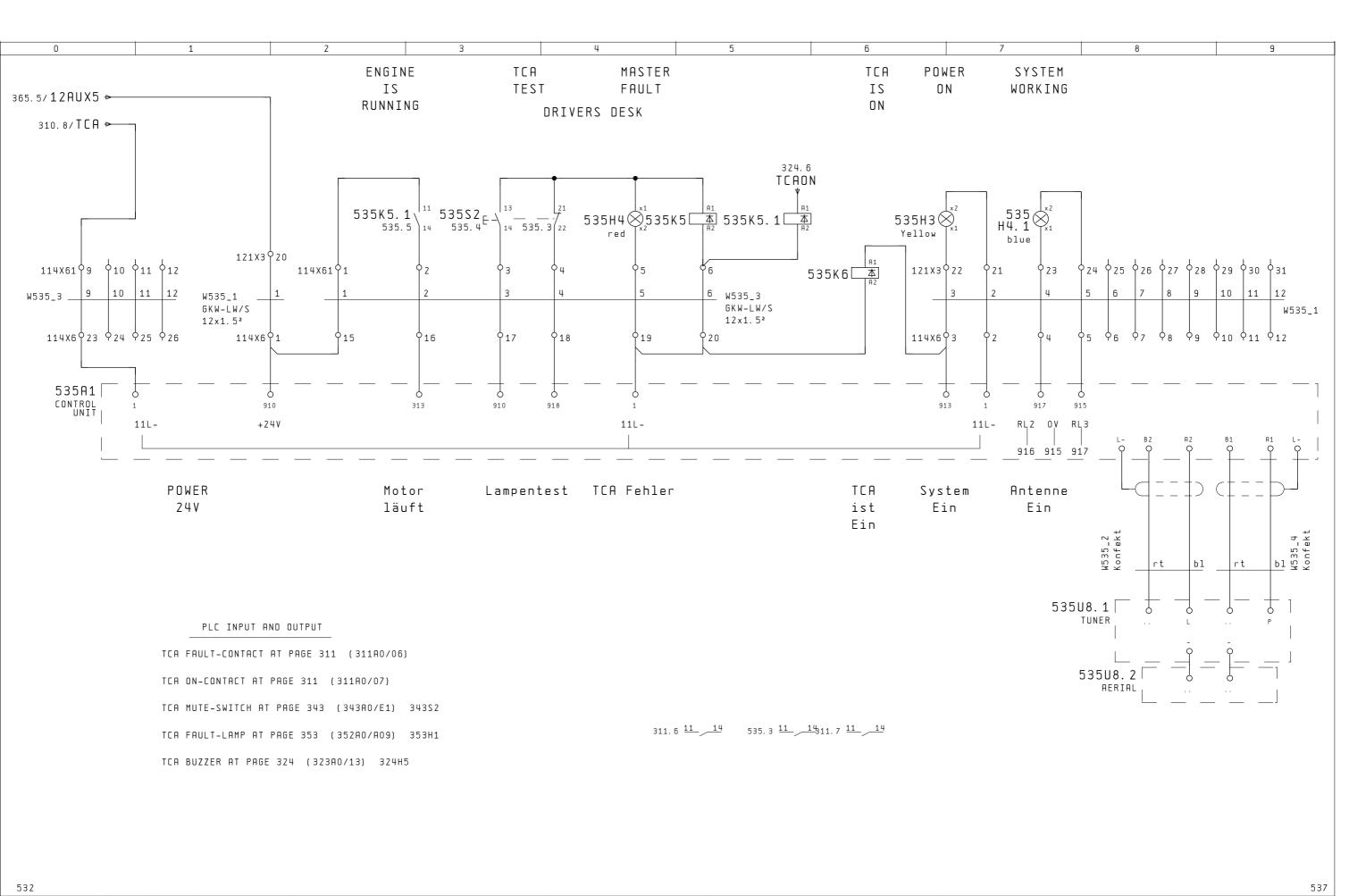




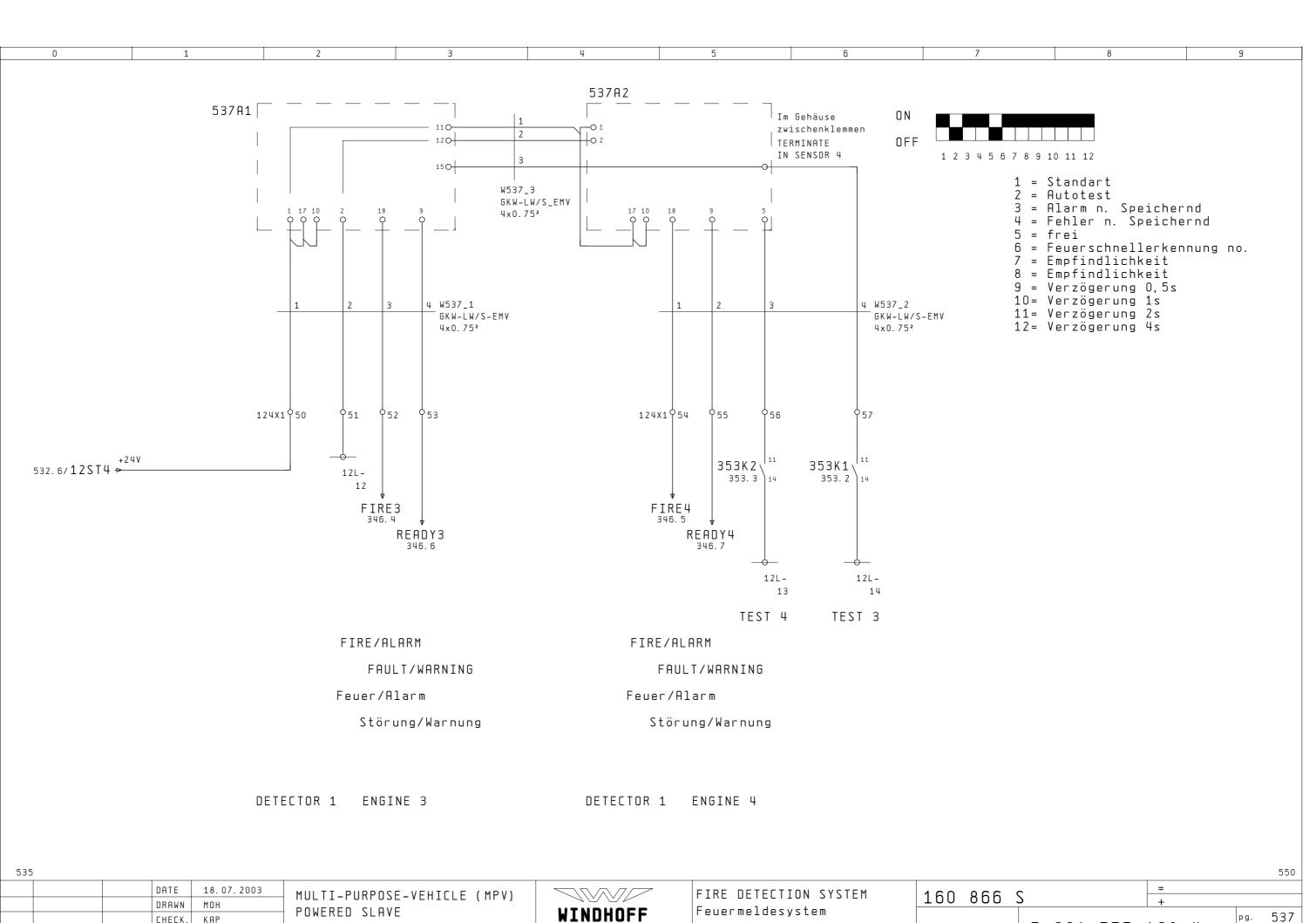
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537 5.661.557 168-4 550 pg.

