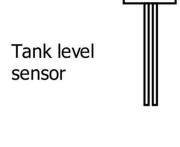
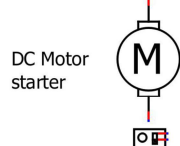
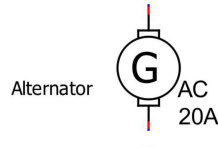
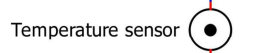
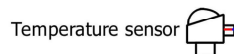
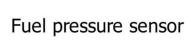
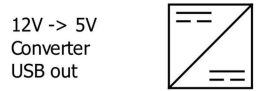
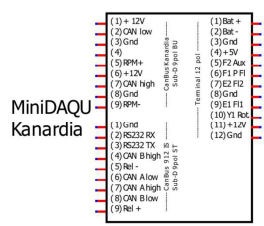
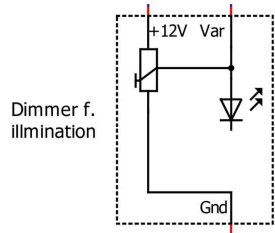
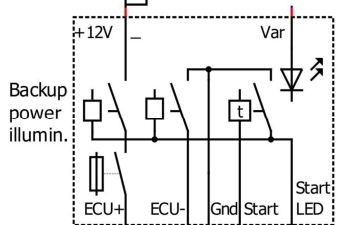
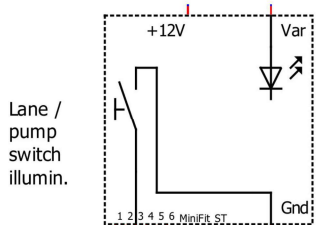
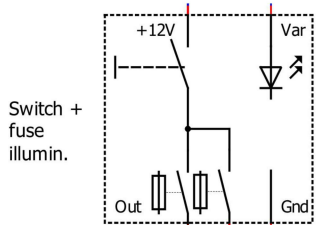
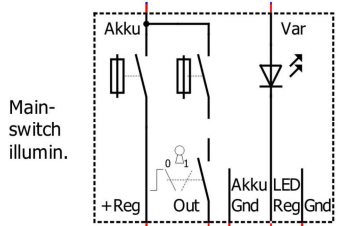
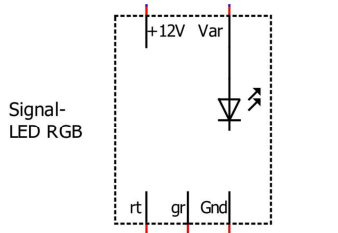


Legende



Connection to next page

Connection from previous page

From Motor to wiring harness

EMS Gnd

Gnd / Batt -

FARBE	COLOR	MUSTER	DIN 47002	IEC 60757
schwarz	black		sw	BK
braun	brown		br	BN
rot	red		rt	RD
orange	orange		or	OG
gelb	yellow		ge	YE
grün	green		gn	GN
blau	blue		bl	BU
violett	violet		vi	VT
grau	gray		gr	GY
weiß	white		ws	WH
rosa	pink		rs	PK
türkis	turquoise		tk	TQ

Übersicht

Page 2 Motor:
CAN Bus, Maintenance, Tanklevel, Fuel pressure, Alternator, Accu, Starter, HIC, MiniDAQ.

Page 3 Panel I/ Center console:
Mainswitch, Backup Power, Lane, Pump, Starter.

Page 4 Panel II
Switches, Fuses, Intercom.

Page 5 External:
Trim, Electric Flaps, Lightning.

Page 7 Connectors:
Connector casing, Connector Pin assignment

Page 6 Options:
Com, Tpx, EFIS, EMS, NAV, USB / 12V Socket.

Important Notes

1. Safety:

Before working on the bordelectric, please disconnect the **ground connection** at the minus pole of the accumulator, to prevent short circuit!

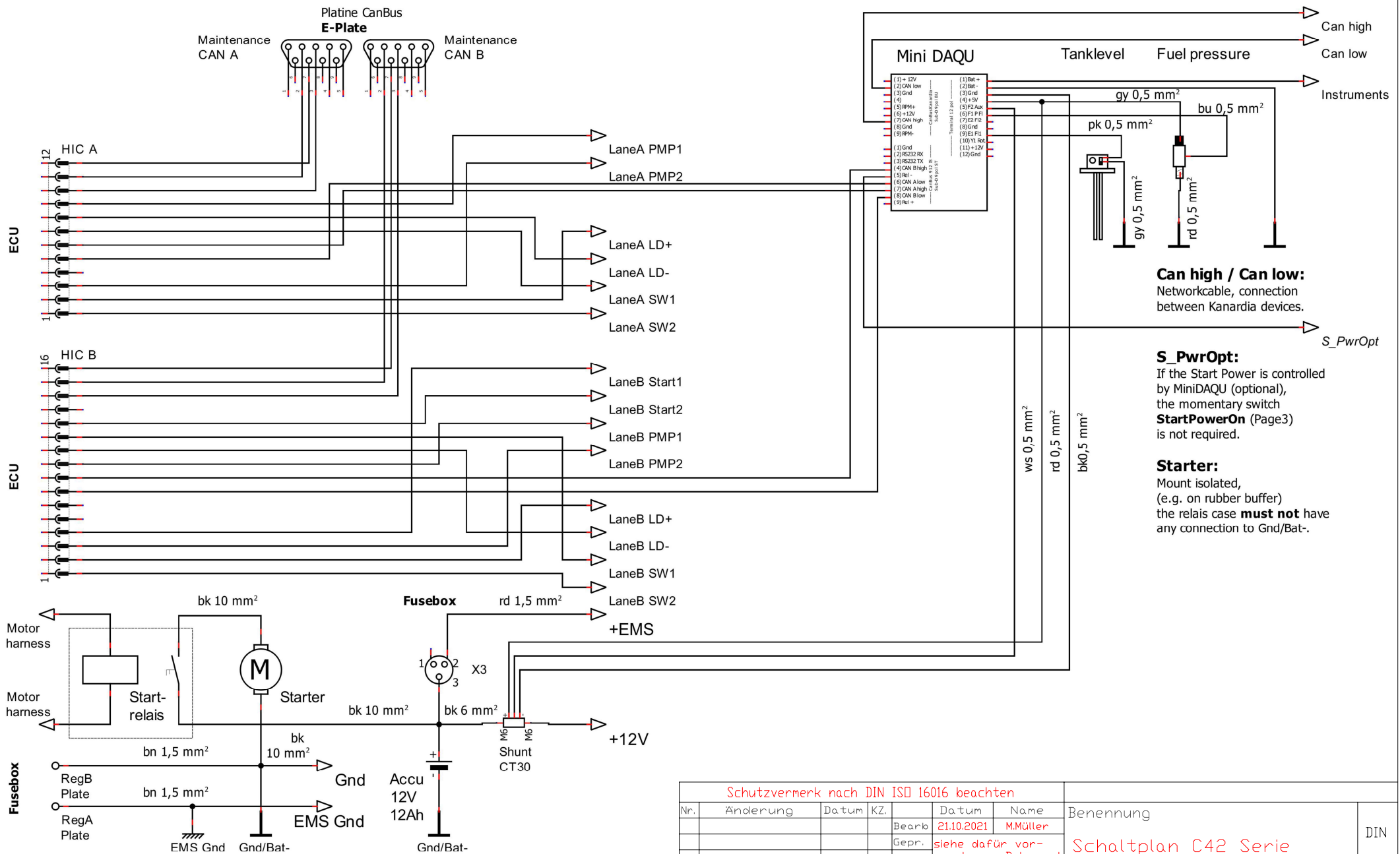
2. Radio interference:

Switched voltage converters (e.g. USB Socket), Led lights (e.g. Pos, Strobe) or relays causes often **radio interferences**.


Suppress these with a ceramic condensator (e.g. 150 pF) nearby the interference source.

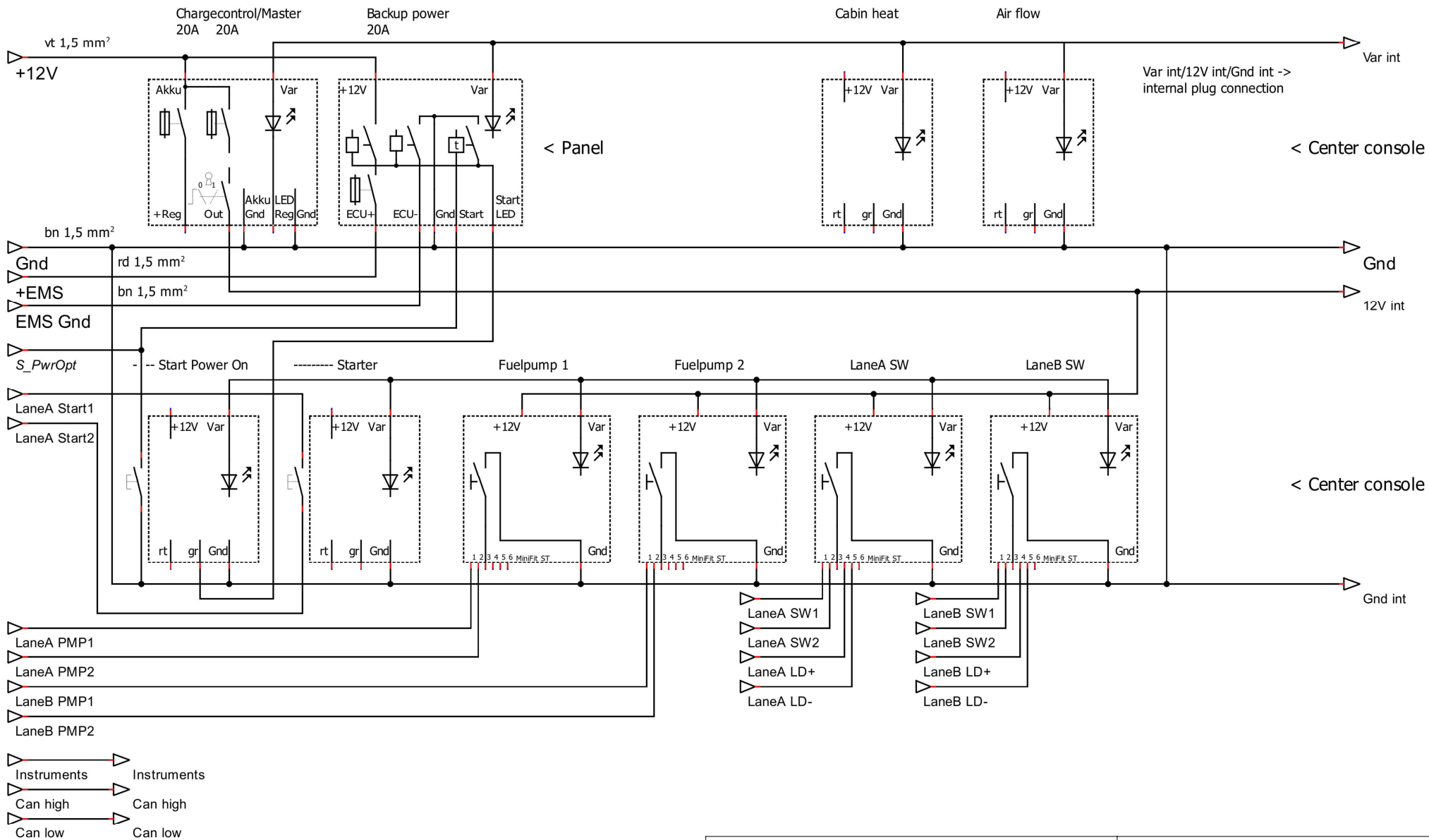
Schutzvermerk nach DIN ISO 16016 beachten

Nr.	Anderung	Datum	KZ.	Bearb.	Datum	Name	Benennung	DIN
				Bearb.	21.10.2021	M.Müller	Schaltplan C42 Serie beleuchtet 912IS ENGLISCH	A4
				Gepf.	siehe dafür vorgesehenes Dokument			
				Norm				
							Zeichnungs Nr.	Blatt 1/7
							PL99-06411	
				Ersatz für:				



Schutzvermerk nach DIN ISO 16016 beachten

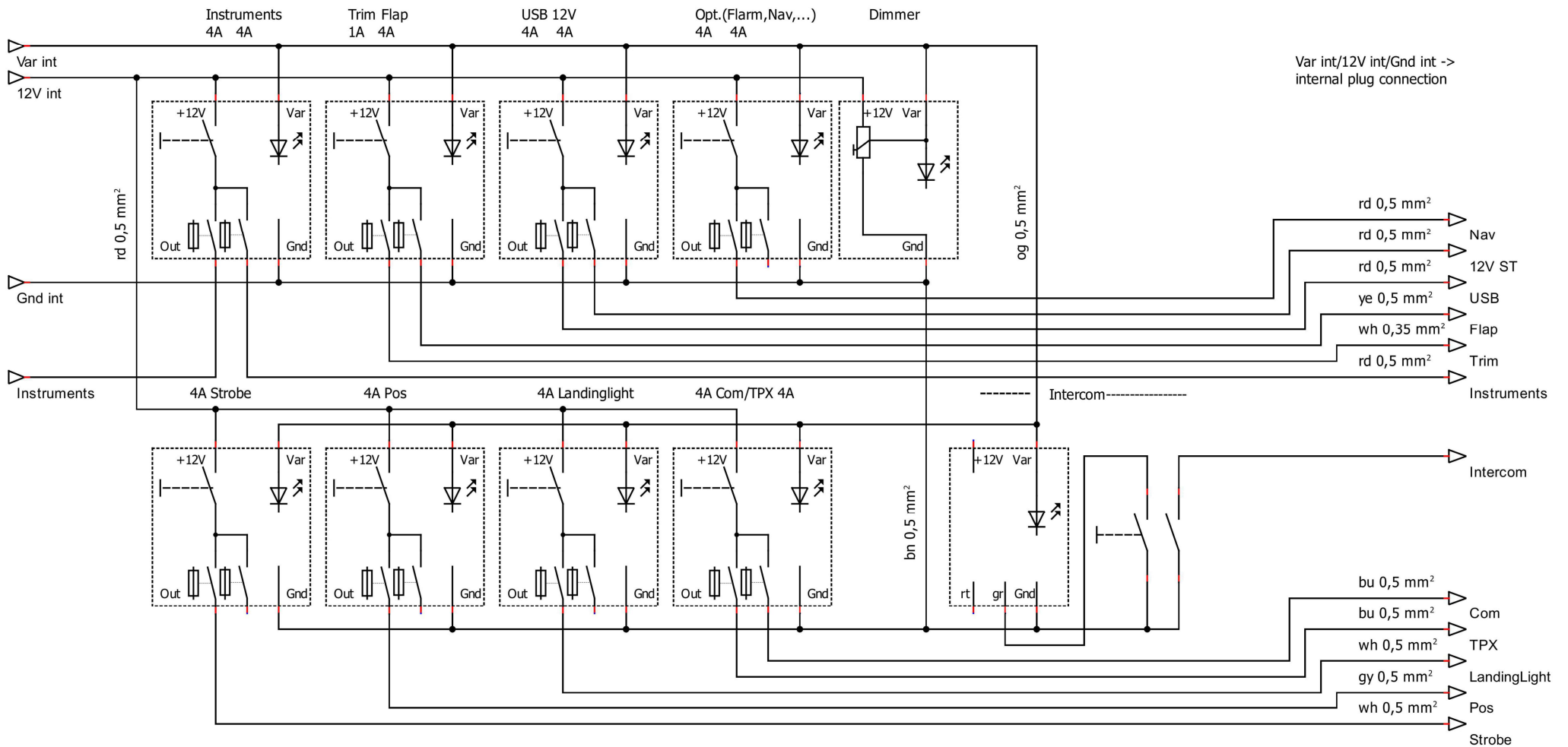
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				Gepr.	siehe dafür vorgesehenes Dokument			
				Norm				
							Zeichnungs Nr.	Blatt
							PL99-06411	2/7
Ersatz für:								



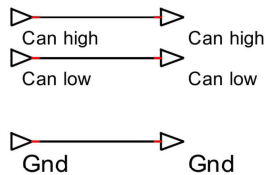
Schutzvermerk nach DIN ISO 16016 beachten


Nr.	Änderung	Datum	KZ.	Datum	Name	Benennung	
				Bearb. 21.10.2021	M.Müller	Schaltplan C42 Serie beleuchtet 912IS ENGLISCH	DIN A4
				Gepr. siehe dafür vor-	gesehenes Dokument		
				Norm			
						Zeichnungs Nr. PL99-06411	Blatt 3/7
						Ersatz für:	

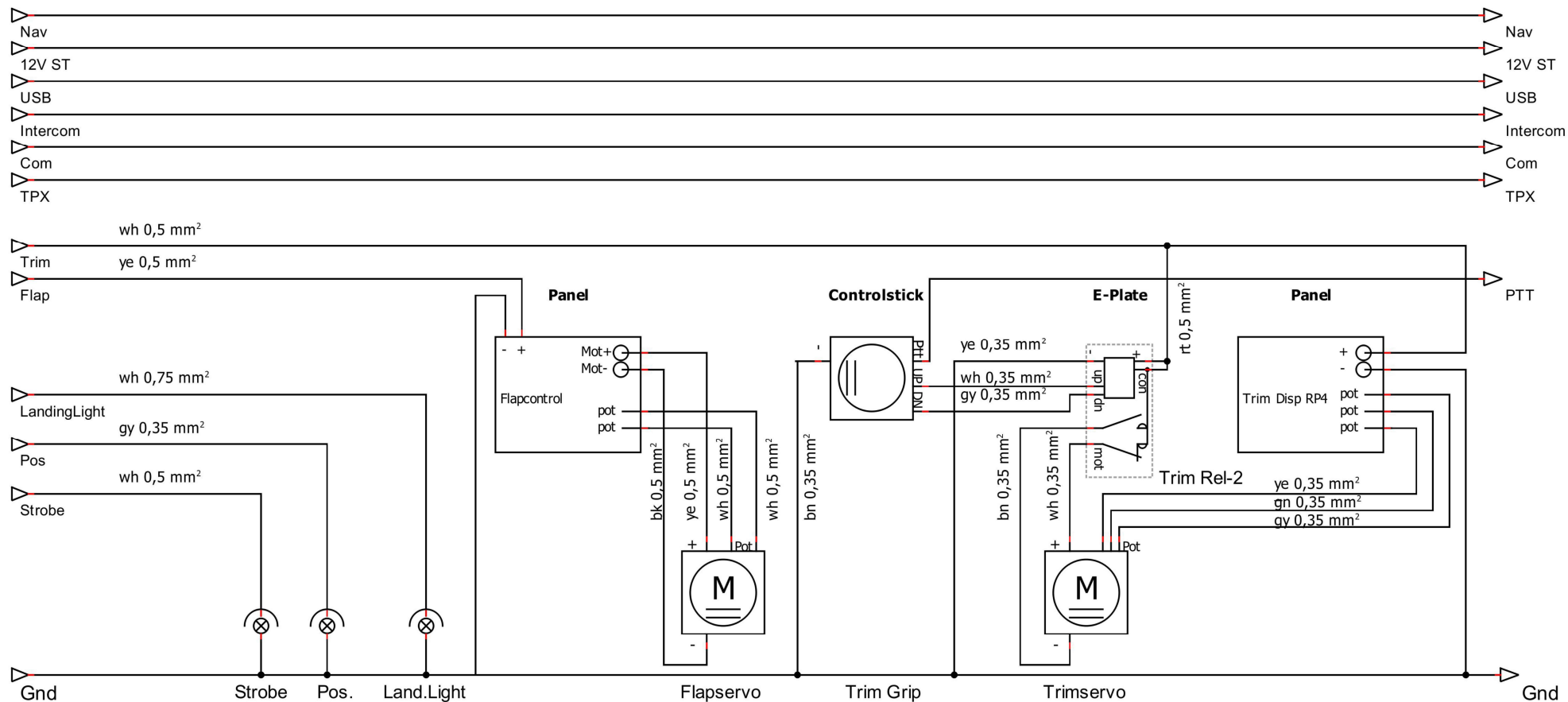




Var int/12V int/Gnd int ->
internal plug connection



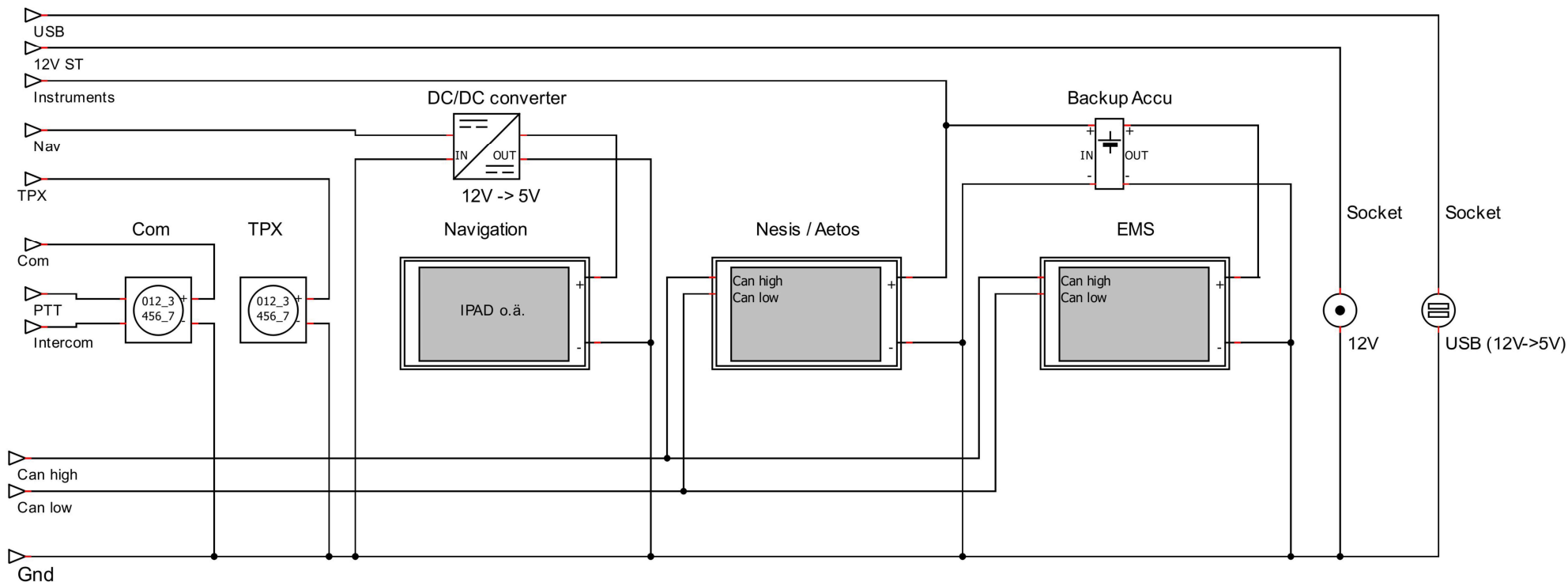
Schutzvermerk nach DIN ISO 16016 beachten						Benennung		DIN A4
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				Bearb. 21.10.2021	M.Müller			
				Gepr.	siehe dafür vor-			
				Norm	gesehenes Dokument			
						Zeichnungs Nr.		Blatt 4/7
						PL99-06411		
Ersatz für:								



Schutzvermerk nach DIN ISO 16016 beachten

Nr.	Aenderung	Datum	KZ.	Datum	Name	Benennung	DIN
				Bearb. 21.10.2021	M.Müller	Schaltplan C42 Serie beleuchtet 912IS ENGLISCH	A4
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				Norm			
						Zeichnungs Nr. PL99-06411	Blatt 5/7
						Ersatz für:	





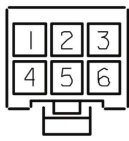
Example circuit diagram.
Please take the connecting details from the respective installation manuals.

Schutzvermerk nach DIN ISO 16016 beachten						
Nr.	Änderung	Datum	KZ.	Datum	Name	Benennung
				Bearb. 21.10.2021	M.Müller	Schaltplan C42 Serie beleuchtet 912IS ENGLISCH
				Gepr. siehe dafür vor-	gesehenes Dokument	
				Norm		
						Zeichnungs Nr. PL99-06411
						Ersatz für:



DIN
A4
Blatt
6/7

Mini Fit 2x3 pol
View: Cable side



Lane A

Pin	Color	Cross sec.	Designation
1	wh	0,5	HIC A 7
2	wh	0,5	HIC A 1
3			not used
4	wh	0,5	HIC A 2
5	wh	0,5	HIC A 10
6			not used

Lane B

Pin	Color	Cross sec.	Designation
1	wh	0,5	HIC B 9
2	wh	0,5	HIC B 1
3			not used
4	wh	0,5	HIC B 2
5	wh	0,5	HIC B 10
6			not used

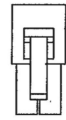
Fuelpump Lane A

Pin	Color	Cross sec.	Designation
1	wh	0,5	HIC A 11
2	wh	0,5	HIC A 3
3			not used
4			not used
5			not used
6			not used

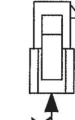
Fuelpump Lane B

Pin	Color	Cross sec.	Designation
1	wh	0,5	HIC B 9
2	wh	0,5	HIC B 3
3			not used
4			not used
5			not used
6			not used

Mini Fit 2x2 pol



Molex Buchsengehäuse 4-polig A011050



Molex Stiftgehäuse 5559 (3901-A011901)



Startpower (40 sec.)

Pin	Color	Cross sec.	Designation
1	bu	0,5	BackupPower SW-
2	og	0,5	BackupPower LED-
3	rd	0,5	Var int. (Dimm)
4	bn	0,5	Gnd

Starter

Pin	Color	Cross sec.	Designation
1	bu	0,5	HIC B 12
2	bu	0,5	HIC B 4
3			not used
4			not used

Strobe / Pos / Landinglight

Pin	Color	Cross sec.	Designation
1	wh	0,5	Strobe
2	bn	0,5	Gnd
3	gn	0,5	Pos
4	ye	0,5	Sync

Can Bus Maintenance A

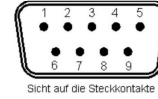
Pin	Color	Cross sec.	Designation
1	bk	0,5	HIC A 11
2	rd	0,5	HIC A 12
3			not used
4			not used

Can Bus Maintenance B

Pin	Color	Cross sec.	Designation
1	bu	0,5	HIC B 15
2	gn	0,5	HIC B 16
3			not used
4			not used

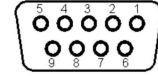
SUB-D 9 pol

Sub-D Stecker (männlich) 9 Pole



Sicht auf die Steckkontakte

Sub-D Buchse (weiblich) 9 Pole

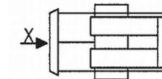


Sicht auf die Steckkontakte

Can Bus Mini Daqu

Pin	Color	Cross sec.	Designation
1			not used
2			not used
3			not used
4	ws	0,5	HIC B 8
5			not used
6	ws	0,5	HIC A 4
7	ws	0,5	HIC A 6
8	ws	0,5	HIC B 7
9			not used

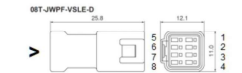
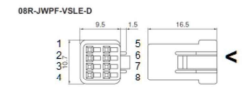
AMP Superseal 2 pol



Superseal Buchsengehäuse 2-polig A010438



JPWF 8 pol



Tanklevel sensor

Pin	Color	Cross sec.	Designation
1	pk	0,5	Sensor
2	gy	0,5	Gnd

Trim servo

Pin	Color	Cross sec.	Designation
1	bn	0,35	Mot +
2	ws	0,35	Mot -
3			not used
4	gr	0,35	Pos (Poti)
5			not used
6			not used
7	ge	0,35	Pos+ (Poti)
8	gn	0,35	Pos- (Poti)

Schutzvermerk nach DIN ISO 16016 beachten								
Nr.	Änderung	Datum	KZ.	Datum	Name	Benennung		
				Bearb. 21.10.2021	M.Müller	Schaltplan C42 Serie beleuchtet 912IS ENGLISCH		
				Gepr.	siehe dafür vorgesehenes Dokument			DIN A4
				Norm				
						Zeichnungs Nr.	Blatt	
						PL99-06411	7/7	
						Ersatz für:		

