



Schneider Electric GmbH
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 MACHINES & PROCESS ARCHITECTURES
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PREFERRED IMPLEMENTATION: DP CANopen OPTIMIZED

PLANT DESIGNATION :
 DRAWING NUMBER : 33003614

=DCO

DEPARTMENT : Machines & Process Architectures
 PRODUCT DOMAIN : AUTOMATION
 CAD-SYSTEM : EPLAN 5.70
 RELATED PRODUCTS : TWIDO, ALTIVAR, MAGELIS, OTB, FTB, CANopen

INCOMING SUPPLY : 400V 3~, N, PE 50Hz
 FEEDER : 5x2,5mm²
 POWER INPUT : 7,5 KW
 CONTROL VOLTAGE : 24V DC
 MANUFACTURING DATE : 2006
 CABINET TYPE : SAREL
 CHECKED TO : VDE 0100/ EN 60204 T1

RESPONSIBLE FOR PROJECT : Machines & Process Architectures
 EDITOR : SEG
 DATE CHANGED : 13.11.06
 PROJECT REVISION :

CHANGE INDEX

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THIS DOCUMENTATION HAS BEEN PRODUCED USING CAD-SYSTEM EPLAN.
 ANY ALTERATIONS WITHOUT THE PERMISSION OF RESPONSIBLE DEPARTMENT
 VORBITTEN

NUMBER OF PAGES : 284

		Date	14.02.06			DP CANopen OPTIMIZED	Cover sheet	Drawing number	= COVE		
		User.	hoe			MP&A/AD&S		33003614	+ COVER		
Change	Date	Name	Stand.			27.09.2006		First.	Created for	Created by.	COVER1
											4 Bl.

General project informations

WUPB001 22.04.1996

LEGEND OF ABBREVIATION

= SHEET GROUPS

TERM	DESCRIPTION
COVE	FLEYLEAF
CONT	CONTENT
LAYP	LAYOUT PLAN
WIRP	WIRING PLAN
DECP	DEVICE CONNECTION PLAN
TERP	TERMINAL PLAN
CABP	CABLE PLAN
PART	PART LIST

+ FUNCTION GROUPS

TERM	DESCRIPTION
PSD	POWER SUPPLY & DISTRIBUTION
PLC	CONTROL
HMI	INDICATION
COM	COMMUNICATION
MOV	MOVEMENT
SAF	SAFETY
INDEX	
1, 2, 3...	REMOTE CABINETS 1, 2, 3...

EXAMPLE

BUSBAR, TRANSFORMER; INCOMMING SUPPLY & DISTRIBUTION
 PLC; CONTROLLER INSIDE
 HMI
 NETWORK; PUSHBUTTON; LIGHT
 MOTORSTARTER; VVD; SERVO
 ESTOP; SAFETY MODULE; -CONTROLLER

 HMI 2=HMI INSIDE THE 2ND REMOTE CABINET

- DEVICES

TERM	DESCRIPTION
F	PROTECTION
K	SIGNAL OPERATION
M	MECHANICAL ENERGY
P	INFORMATION
R	LIMITATION
S	SIGNAL CHANGE
SP	SIGNAL CHANGE
T	ENERGY TRANSFORMATION
W	TRANSMISSION WAY
Q	SWITCH OF ENERGY
X	CONNECTION

EXAMPLE
FUSE
RELAY; CONTACTOR
MOTOR
LIGHT; INDICATION
RESISTANT
SWITCH
SWITCH AND INDICATION
TRANSFORMER; VVD
CABLE
MAIN SWITCH; CIRCUIT-BREAKER
TERMINAL

TERM	DESCRIPTION
DT	PUSHBUTTON
ST	KEY BUTTON
SS	KEY-OPERATED SWITCH
KS	KNOB SWITCH
LDT	ILLUMINATED PUSHBUTTON
LM	SIGNAL LAMP
DRS	PUSHBUTTON WITH RATCHET/ SAFETY LOCK
EPB	MUSHROOM-BUTTON

Colour code

1	black	BK
2	brown	BN
3	red	RD
4	orange	OG
5	yellow	YE
6	green	GN
7	blue	BU
8	violet	VT
9	grey	GY
10	white	WH
11	pink	PK
12	gold	GD
13	turquoise	TQ
14	silver	SR
15	green-yellow	GNYE

Conductor (colours)

Main circuit	black
Control circuit (230vac)	red
Control circuit (120vac)	red
Control circuit 24vdc plus	dark blue
Control circuit 24vdc minus	dark blue
Control circuit +-15v/0v	violet
External voltage	orange

CABINET MAKE

SAREL

CABINET COLOUR

RAL 7032 (PEBBLE GREY)

MOUNTING PLATE

GALVANISED

Colour code

Command-+ warning device

...1	white	WH
...2	black	BK
...3	green	GN
...4	red	RD
...5	yellow	YE
...6	blue	BU

USE UL-CSA APPROBATED CABLE !
PG-GLAND, IF SHIELDED, USE METAL !

ON
 OFF
POSITION IS OFF

Terminal blocks

+UV-X0=ON SITE

+PSD-X01=POWER SUPPLY
+PSD-X02=CONTROL
+PSD-XWIR1=POWER SUPPLY WIRP1
+PSD-XWIR2=POWER SUPPLY WIRP2
+PSD-XWIR3=POWER SUPPLY WIRP3
+PSD-XWIR4=POWER SUPPLY WIRP4
+PSD-XWIR5=POWER SUPPLY WIRP5

+PLC-K01=PLC
+PLC-K03=PLC

+COM-X03=CONTROL VOLTAGE
+COM-XS01=PLUG START, STOP, MANUEL-AUTO
+COM-XP01=SIGNAL LAMP
+COM-XSCAN1=CANOPEN

+MOV-XM01=MOTOR1
+MOV-XM02=MOTOR2
+MOV-XM03=MOTOR3
+MOV-XM04=MOTOR4

+SAF-XLC=LIGHT CURTAIN
+SAF-XNA=EMERGENCY STOP
+SAF-XSNA1=EMERGENCY STOP WIRP4
+SAF-X1K05=LIGHT CURTAIN

+SAF-X2K05=LIGHT CURTAIN
+SAF-XS04=LIMIT SWITCH
+SAF-XS05=LIMIT SWITCH

+PSD2-XWIR2=POWER SUPPLY WIRP 2

+PLC2-K01=PLC
+PLC2-XSCAN1=CANOPEN
+PLC2-XSCAN2=CANOPEN

+COM2-XS01=PLUG START, STOP, MANUEL-AUTO

+COM2-X03=CONTROL VOLTAGE

+PSD3-XWIR3=POWER SUPPLY WIRP 3

+PLC3-K01=PLC
+PLC3-XSCAN1=CANOPEN
+PLC3-XSCAN2=CANOPEN

+COM3-X03=CONTROL VOLTAGE
+COM3-XS01=CONVEYOR 3
+COM3-XS02=BUTTON ON LOCATION

+PSD4-X01W4=POWER SUPPLY WIRP4
+PSD4-XWIR4=CONTROL VOLTAGE WIRP4
+PSD4-XWIRP4=TERMINAL OV

+PLC4-K01=PLC
+PLC4-K02=PLC
+PLC4-XSCAN1=CANOPEN
+PLC4-XSCAN2=CANOPEN

+COM4-X03=CONTROL VOLTAGE
+COM4-XS01=PLUG START, STOP, MANUEL-AUTO
+COM4-XS02=CONVEYOR 2

+MOV4-XM01=MOTOR 1
+MOV4-XM02=MOTOR 2

+SAF4-XNA=EMERGENCY STOP
+SAF4-XSNA1=EMERGENCY STOP PUSHBUTTON
+SAF4-XS03=SWITCH AT DOOR

+COM5-K101=FTB
+COM5-K102=FTB
+COM5-K103=FTB
+COM5-K104=FTB

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Page	Page designation	Suppl. page field	Date	User	X
=COVE+COVER/1	Cover sheet		25.08.06	hoe	
=COVE+COVER/2	LEGEND OF ABBREVIATION		23.08.06	hoe	
=COVE+COVER/3	Wiring summary		18.09.06	SEG	
=COVE+COVER/4	INFORMATIONS ABOUT CHANGES		23.08.06	PVH	x
=CONT+CON/1	Contents		18.09.06	HOE	x
=CONT+CON/2	Contents		18.09.06	HOE	x
=CONT+CON/3	Contents		18.09.06	HOE	x
=CONT+CON/4	Contents		18.09.06	HOE	x
=CONT+CON/5	Contents		18.09.06	HOE	x
=CONT+CON/6	Contents		18.09.06	HOE	x
=CONT+CON/7	Contents		18.09.06	HOE	x
=CONT+CON/8	Contents		18.09.06	HOE	x
=CONT+CON/9	Contents		18.09.06	HOE	x
=CONT+CON/10	Contents		18.09.06	HOE	x
=CONT+CON/11	Contents		18.09.06	HOE	x
=CONT+CON/12	Contents		18.09.06	HOE	x
=CONT+CON/13	Contents		18.09.06	HOE	
=CONT+CON/14	Contents		18.09.06	HOE	
=CONT+CON/15	Contents		18.09.06	HOE	
=LAYP+LAY/1	CABINET H1	2	18.09.06	hoe	

=COVE+COVER/4

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=LAYP+LAY/2	CABINET H1	2	18.09.06	hoe	
=LAYP+LAY/4	CABINET H1	2	18.09.06	hoe	
=LAYP+LAY/5	CABINET H2		18.09.06	hoe	
=LAYP+LAY/6	CABINET H3		18.09.06	hoe	
=LAYP+LAY/7	CABINET H4		18.09.06	hoe	
=LAYP+LAY/8	CABINET H4		18.09.06	hoe	
=LAYP+LAY/9	SPLITTERBOXES FTB IP67 I/O VORORT		23.08.06	SEG	
=LAYP+LAY/10	REMOTE DISPLAY 1		23.08.06	hoe	
=LAYP+LAY/11	REMOTE CONTROL 1		23.08.06	hoe	
=LAYP+LAY/12	REMOTE CONTROL 2		23.08.06	hoe	
=LAYP+LAY/13	REMOTE CONTROL 1		23.08.06	hoe	
=LAYP+LAY/14	REMOTE CONTROL 1		23.08.06	hoe	
=LAYP+LAY/15	REMOTE CONTROL 2		23.08.06	hoe	
=LAYP+LAY/16	CABLE-AND PLUG PRODUCTION HAN 6 2,5MM ²		23.08.06	hoe	
=LAYP+LAY/17	CABLE-AND PLUG PRODUCTION HAN 6 + SH		23.08.06	hoe	
=LAYP+LAY/18	CABLE-AND PLUG PRODUCTION HAN 6 6		23.08.06	hoe	
=LAYP+LAY/19	CABLE-AND PLUG PRODUCTION		23.08.06	SEG	
=LAYP+LAY/20	CABLE-AND PLUG PRODUCTION		23.08.06	SEG	
=LAYP+LAY/21	CABLE-AND PLUG PRODUCTION		23.08.06	SEG	
=LAYP+LAY/22	CABLE-AND PLUG PRODUCTION		23.08.06	SEG	


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=LAYP+LAY/23	CABLE-AND PLUG PRODUCTION		23.08.06	SEG	
=LAYP+LAY/24	CABLE-AND PLUG PRODUCTION		23.08.06	SEG	
=LAYP+LAY/25	CABLE-AND PLUG PRODUCTION		23.08.06	SEG	
=LAYP+LAY/26	CAN BUS OVERVIEW		17.09.06	SEG	
=WIRP1+PSD/1	POWER SUPPLY		11.09.06	hoe	
=WIRP1+PSD/2	VOLTAGE SUPPLY 24V DC		18.09.06	hoe	
=WIRP1+PSD/3	VOLTAGE SUPPLY 24V DC		18.09.06	hoe	
=WIRP1+PLC/1	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP1+PLC/2	AS-INTERFACE MASTERPLY PLC		23.08.06	hoe	
=WIRP1+PLC/3	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP1+PLC/5	TWIDO PLC IN/ OUTPUT		18.09.06	hoe	
=WIRP1+PLC/6	TWIDO PLC IN/ OUTPUT		18.09.06	hoe	
=WIRP1+HMI/1	TEXT DISPLAY CONTROL SYSTEM		11.09.06	hoe	
=WIRP1+COM/1	INPUT MODULE PLANT START		18.09.06	hoe	
=WIRP1+COM/2	INPUT MODULE PLANT START ON SITE		23.08.06	hoe	
=WIRP1+COM/3	INPUT MODULE PLANT START		18.09.06	hoe	
=WIRP1+COM/4	CANOPEN BUS DISTRIBUTION BOX		23.08.06	hoe	
=WIRP1+MOV/1	SOFT START MOTOR 1		18.09.06	hoe	
=WIRP1+MOV/2	SOFT START MOTOR 2		18.09.06	hoe	
=WIRP1+MOV/3	SOFT START MOTOR 3		18.09.06	hoe	





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=WIRP1+MOV/4	SOFT START MOTOR 4		18.09.06	hoe	
=WIRP1+SAF/1	EMERGENCY STOP KAT 3		18.09.06	hoe	
=WIRP1+SAF/2	EMERGENCY STOP KAT 3		18.09.06	hoe	
=WIRP1+SAF/3	EMERGENCY STOP KAT 3		18.09.06	hoe	
=WIRP2+PSD2/1	VOLTAGE SUPPLY 24V DC		18.09.06	hoe	
=WIRP2+PLC2/1	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP2+PLC2/2	TWIDO PLC IN/ OUTPUT		18.09.06	hoe	
=WIRP2+COM2/1	CONVEYOR 1		18.09.06	hoe	
=WIRP2+COM2/2	REMOTE CONTROL PANEL		13.09.06	hoe	
=WIRP3+PSD3/1	VOLTAGE SUPPLY 24V DC		18.09.06	hoe	
=WIRP3+PLC3/1	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP3+PLC3/2	TWIDO PLC IN/ OUTPUT		18.09.06	hoe	
=WIRP3+COM3/1	REMOTE CONTROL PANEL		18.09.06	hoe	
=WIRP3+COM3/2	REMOTE CONTROL PANEL		23.08.06	hoe	
=WIRP3+COM3/3	CONVEYOR 2		18.09.06	hoe	
=WIRP3+COM3/4	REMOTE CONTROL PANEL		23.08.06	hoe	
=WIRP4+PSD4/1	POWER SUPPLY REMOTE PANEL		23.08.06	hoe	
=WIRP4+PSD4/2	VOLTAGE SUPPLY 24V DC		18.09.06	hoe	
=WIRP4+PLC4/1	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP4+PLC4/2	TWIDO PLC IN/ OUTPUT		18.09.06	hoe	

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=WIRP4+PLC4/3	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP4+PLC4/4	TWIDO PLC IN/ OUTPUT		18.09.06	hoe	
=WIRP4+COM4/1	REMOTE CONTROL PANEL CONVEYOR 1		18.09.06	hoe	
=WIRP4+COM4/2	REMOTE CONTROL PANEL CONVEYOR 4		23.08.06	hoe	
=WIRP4+COM4/3	REMOTE CONTROL PANEL CONVEYOR 2		18.09.06	hoe	
=WIRP4+COM4/4	REMOTE CONTROL PANEL CONVEYOR 4		23.08.06	hoe	
=WIRP4+MOV4/1	SOFT DRIVE CONVEYER 1		18.09.06	hoe	
=WIRP4+MOV4/2	SOFT DRIVE CONVEYER 2		18.09.06	hoe	
=WIRP4+SAF4/1	EMERGENCY STOP KAT 3		23.08.06	hoe	
=WIRP4+SAF4/2	LIMIT SWITCH SAFETY GATE		18.09.06	HOE	
=WIRP5+COM5/1	24V DC VOLTAGE SUPPLY FDB FIELD		18.09.06	HOE	
=WIRP5+COM5/2	24V DC SUPPLY FTB		18.09.06	HOE	
=WIRP5+COM5/3	SPLITTERBOXES FTB IP67 I/O K101		18.09.06	HOE	
=WIRP5+COM5/4	SPLITTERBOXES FTB IP67 I/O K102		18.09.06	HOE	
=WIRP5+COM5/5	SPLITTERBOXES FTB IP67 I/O K103		18.09.06	HOE	
=WIRP5+COM5/6	SPLITTERBOXES FTB IP67 I/O K104		18.09.06	HOE	
=WIRP5+COM5/8	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP5+COM5/9	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP5+COM5/10	FTB IP67 I/O		18.09.06	HOE	
=WIRP5+COM5/11	FTB IP67 I/O		18.09.06	HOE	





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=WIRP5+COM5/12	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP5+COM5/13	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP5+COM5/14	FTB IP67 I/O		18.09.06	HOE	
=WIRP5+COM5/15	FTB IP67 I/O		18.09.06	HOE	
=WIRP5+COM5/16	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP5+COM5/17	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP5+COM5/18	FTB IP67 I/O		18.09.06	HOE	
=WIRP5+COM5/19	FTB IP67 I/O		18.09.06	HOE	
=WIRP5+COM5/20	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP5+COM5/21	VOLTAGE SUPPLY PLC		18.09.06	hoe	
=WIRP5+COM5/22	FTB IP67 I/O		18.09.06	HOE	
=WIRP5+COM5/23	FTB IP67 I/O		18.09.06	HOE	
=DECP/1	ON SITE		18.09.06	SEG	
=DECP/2	CONTROL		18.09.06	SEG	
=DECP/3	CONTROL		18.09.06	SEG	
=DECP/4	CONTROL VOLTAGE		18.09.06	SEG	
=DECP/5	LIGHT CURTAIN		18.09.06	SEG	
=DECP/6	EMERGENCY STOP		18.09.06	SEG	
=DECP/7	CONTROL VOLTAGE		18.09.06	SEG	
=DECP/8	CONTROL VOLTAGE		18.09.06	SEG	





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=DECP/9	TERMINAL OV		18.09.06	SEG	
=DECP/10	CONTROL VOLTAGE		18.09.06	SEG	
=DECP/11	EMERGENCY STOP		18.09.06	SEG	
=DECP/12	POWER SUPPLY		18.09.06	SEG	
=DECP/13	POWER SUPPLY WIRP1		18.09.06	SEG	
=DECP/14	POWER SUPPLY WIRP2		18.09.06	SEG	
=DECP/15	POWER SUPPLY WIRP3		18.09.06	SEG	
=DECP/16	POWER SUPPLY WIRP4		18.09.06	SEG	
=DECP/17	POWER SUPPLY WIRP5		18.09.06	SEG	
=DECP/18	PLUG START, STOP, MANUEL-AUTO		18.09.06	SEG	
=DECP/19	SIGNAL LAMP		18.09.06	SEG	
=DECP/20	CANOPEN		18.09.06	SEG	
=DECP/21	MOTOR1		18.09.06	SEG	
=DECP/22	MOTOR2		18.09.06	SEG	
=DECP/23	MOTOR3		18.09.06	SEG	
=DECP/24	MOTOR4		18.09.06	SEG	
=DECP/25	EMERGENCY STOP WIRP4		18.09.06	SEG	
=DECP/26	LIMIT SWITCH		18.09.06	SEG	
=DECP/27	LIMIT SWITCH		18.09.06	SEG	
=DECP/28	POWER SUPPLY WIRP 2		18.09.06	SEG	





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=DECP/29	CANOPEN		18.09.06	SEG	
=DECP/30	CANOPEN		18.09.06	SEG	
=DECP/31	PLUG START, STOP, MANUEL-AUTO		18.09.06	SEG	
=DECP/32	POWER SUPPLY WIRP 3		18.09.06	SEG	
=DECP/33	CANOPEN		18.09.06	SEG	
=DECP/34	CANOPEN		18.09.06	SEG	
=DECP/35	CONVEYOR 3		18.09.06	SEG	
=DECP/36	BUTTON ON LOCATION		18.09.06	SEG	
=DECP/37	POWER SUPPLY WIRP4		18.09.06	SEG	
=DECP/38	CONTROL VOLTAGE WIRP4		18.09.06	SEG	
=DECP/39	CANOPEN		18.09.06	SEG	
=DECP/40	CANOPEN		18.09.06	SEG	
=DECP/41	PLUG START, STOP, MANUEL-AUTO		18.09.06	SEG	
=DECP/42	CONVEYOR 2		18.09.06	SEG	
=DECP/43	MOTOR 1		18.09.06	SEG	
=DECP/44	MOTOR 2		18.09.06	SEG	
=DECP/45	EMERGENCY STOP PUSHBUTTON		18.09.06	SEG	
=DECP/46	SWITCH AT DOOR		18.09.06	SEG	
=DECP/47	FTB		18.09.06	SEG	
=DECP/48	FTB		18.09.06	SEG	

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=DECP/51	FTB		18.09.06	SEG	
=TERP0/1	TERMINAL BLOCKS OVERVIEW		18.09.06	SEG	
=TERP0/2	TERMINAL BLOCKS OVERVIEW		18.09.06	SEG	
=TERP0/3	TERMINAL BLOCKS OVERVIEW		18.09.06	SEG	
=TERP/1	+UV-X0 ON SITE		18.09.06	SEG	
=TERP/2	+PSD-X02 CONTROL		18.09.06	SEG	
=TERP/3	+COM-X03 CONTROL VOLTAGE		18.09.06	SEG	
=TERP/4	+SAF-XLC LIGHT CURTAIN		18.09.06	SEG	
=TERP/5	+SAF-XNA EMERGENCY STOP		18.09.06	SEG	
=TERP/6	+COM2-X03 CONTROL VOLTAGE		18.09.06	SEG	
=TERP/7	+COM3-X03 CONTROL VOLTAGE		18.09.06	SEG	
=TERP/8	+PSD4-XWIRP4 TERMINAL OV		18.09.06	SEG	
=TERP/9	+COM4-X03 CONTROL VOLTAGE		18.09.06	SEG	
=TERP/10	+SAF4-XNA EMERGENCY STOP		18.09.06	SEG	
=TERP/11	+PSD-X01 POWER SUPPLY		18.09.06	SEG	
=TERP/12	+PSD-XWIR1 POWER SUPPLY WIRP1		18.09.06	SEG	
=TERP/13	+PSD-XWIR2 POWER SUPPLY WIRP2		18.09.06	SEG	
=TERP/14	+PSD-XWIR3 POWER SUPPLY WIRP3		18.09.06	SEG	





Date		14.02.06		  		DP CANopen OPTIMIZED	Contents	Drawing number		= CONT	
User.		HOE				MP&A/AD&S		33003614		+ CON	
Check.						Created by.		CON 9		DCO	
Change	Date	Name	Stand.	First.	Created for	Created by.			15 Bl.		

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ESSJ010

Page	Page designation	Suppl. page field	Date	User	X
=TERP/15	+PSD-XWIR4 POWER SUPPLY WIRP4		18.09.06	SEG	
=TERP/16	+PSD-XWIR5 POWER SUPPLY WIRP5		18.09.06	SEG	
=TERP/17	+COM-XS01 PLUG START, STOP, MANUEL-AUTO		18.09.06	SEG	
=TERP/18	+COM-XP01 SIGNAL LAMP		18.09.06	SEG	
=TERP/19	+COM-XSCAN1 CANOPEN		18.09.06	SEG	
=TERP/20	+MOV-XM01 MOTOR1		18.09.06	SEG	
=TERP/21	+MOV-XM02 MOTOR2		18.09.06	SEG	
=TERP/22	+MOV-XM03 MOTOR3		18.09.06	SEG	
=TERP/23	+MOV-XM04 MOTOR4		18.09.06	SEG	
=TERP/24	+SAF-XSNA1 EMERGENCY STOP WIRP4		18.09.06	SEG	
=TERP/25	+SAF-XS04 LIMIT SWITCH		18.09.06	SEG	
=TERP/26	+SAF-XS05 LIMIT SWITCH		18.09.06	SEG	
=TERP/27	+PSD2-XWIR2 POWER SUPPLY WIRP 2		18.09.06	SEG	
=TERP/28	+PLC2-XSCAN1 CANOPEN		18.09.06	SEG	
=TERP/29	+PLC2-XSCAN2 CANOPEN		18.09.06	SEG	
=TERP/30	+COM2-XS01 PLUG START, STOP, MANUEL-AUTO		18.09.06	SEG	
=TERP/31	+PSD3-XWIR3 POWER SUPPLY WIRP 3		18.09.06	SEG	
=TERP/32	+PLC3-XSCAN1 CANOPEN		18.09.06	SEG	
=TERP/33	+PLC3-XSCAN2 CANOPEN		18.09.06	SEG	
=TERP/34	+COM3-XS01 CONVEYOR 3		18.09.06	SEG	





Date	14.02.06	  		DP CANopen OPTIMIZED	Contents	Drawing number	= CONT	
User.	HOE			MP&A/AD&S		33003614	+ CON	
Check.				Created by.		CON 10	DCO	Pa. 10
Change	Date	Name	Stand.	First.	Created for	CON 10	DCO	15 Bl.

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ESSJ010

Page	Page designation	Suppl. page field	Date	User	X
=TERP/35	+COM3-XS02 BUTTON ON LOCATION		18.09.06	SEG	
=TERP/36	+PSD4-X01W4 POWER SUPPLY WIRP4		18.09.06	SEG	
=TERP/37	+PSD4-XWIR4 CONTROL VOLTAGE WIRP4		18.09.06	SEG	
=TERP/38	+PLC4-XSCAN1 CANOPEN		18.09.06	SEG	
=TERP/39	+PLC4-XSCAN2 CANOPEN		18.09.06	SEG	
=TERP/40	+COM4-XS01 PLUG START, STOP, MANUEL-AUTO		18.09.06	SEG	
=TERP/41	+COM4-XS02 CONVEYOR 2		18.09.06	SEG	
=TERP/42	+MOV4-XM01 MOTOR 1		18.09.06	SEG	
=TERP/43	+MOV4-XM02 MOTOR 2		18.09.06	SEG	
=TERP/44	+SAF4-XSNA1 EMERGENCY STOP PUSHBUTTON		18.09.06	SEG	
=TERP/45	+SAF4-XS03 SWITCH AT DOOR		18.09.06	SEG	
=TERP/46	+COM5-K101 FTB		18.09.06	SEG	
=TERP/47	+COM5-K101 FTB		18.09.06	SEG	
=TERP/48	+COM5-K102 FTB		18.09.06	SEG	
=TERP/49	+COM5-K102 FTB		18.09.06	SEG	
=TERP/50	+COM5-K103 FTB		18.09.06	SEG	
=TERP/51	+COM5-K103 FTB		18.09.06	SEG	
=TERP/52	+COM5-K104 FTB		18.09.06	SEG	
=TERP/53	+COM5-K104 FTB		18.09.06	SEG	
=CABPO/1	CABLE OVERVIEW		18.09.06	SEG	


Date	14.02.06		DP CANopen OPTIMIZED	Contents	Drawing number	= CONT
User.	HOE		MP&A/AD&S		33003614	+ CON
Check.			Created for		CON 11	DCO
Change	Date	Name	Stand.	First.	Created by.	15 Bl.

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ESSJ010

Page	Page designation	Suppl. page field	Date	User	X
=CABP0/2	CABLE OVERVIEW		18.09.06	SEG	
=CABP/1	+PSD-WWIRO1 H4 PANEL		18.09.06	SEG	
=CABP/2	+PSD-WX001 POWER SUPPLY		18.09.06	SEG	
=CABP/3	+PSD-WXWIR2 TO CABINET H2		18.09.06	SEG	
=CABP/4	+PSD-WXWIR3 TO CABINET H3		18.09.06	SEG	
=CABP/5	+PSD-WXWIR4 TO CABINET H4		18.09.06	SEG	
=CABP/6	+PSD-WXWIR5 TO FIELD FDB H5		18.09.06	SEG	
=CABP/7	+COM-W1		18.09.06	SEG	
=CABP/8	+COM-WP01 STEADY LIGHT SIGNALING		18.09.06	SEG	
=CABP/9	+COM-WS01 START, STOP, HAND		18.09.06	SEG	
=CABP/10	+MOV-WM01 DRIVE		18.09.06	SEG	
=CABP/11	+MOV-WM02 DRIVE		18.09.06	SEG	
=CABP/12	+MOV-WM03 DRIVE		18.09.06	SEG	
=CABP/13	+MOV-WM04 DRIVE		18.09.06	SEG	
=CABP/14	+SAF-WLC01 RECEIVER		18.09.06	SEG	
=CABP/15	+SAF-WLC02 TRANSMITTER		18.09.06	SEG	
=CABP/16	+SAF-WS01 EMERGENCY STOP		18.09.06	SEG	
=CABP/17	+SAF-WS04 LIMIT SWITCH 1		18.09.06	SEG	
=CABP/18	+SAF-WS05 LIMIT SWITCH 1		18.09.06	SEG	
=CABP/19	+COM2-WS01 START, STOP, HAND		18.09.06	SEG	


Date	14.02.06		DP CANopen OPTIMIZED	Contents	Drawing number	= CONT
User.	HOE		MP&A/AD&S		33003614	+ CON
Check.			Created for		CON 12	DCO
Change	Date	Name	Stand.	First.	Created by.	Pa. 12
						15 Bl.

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ESSJ010

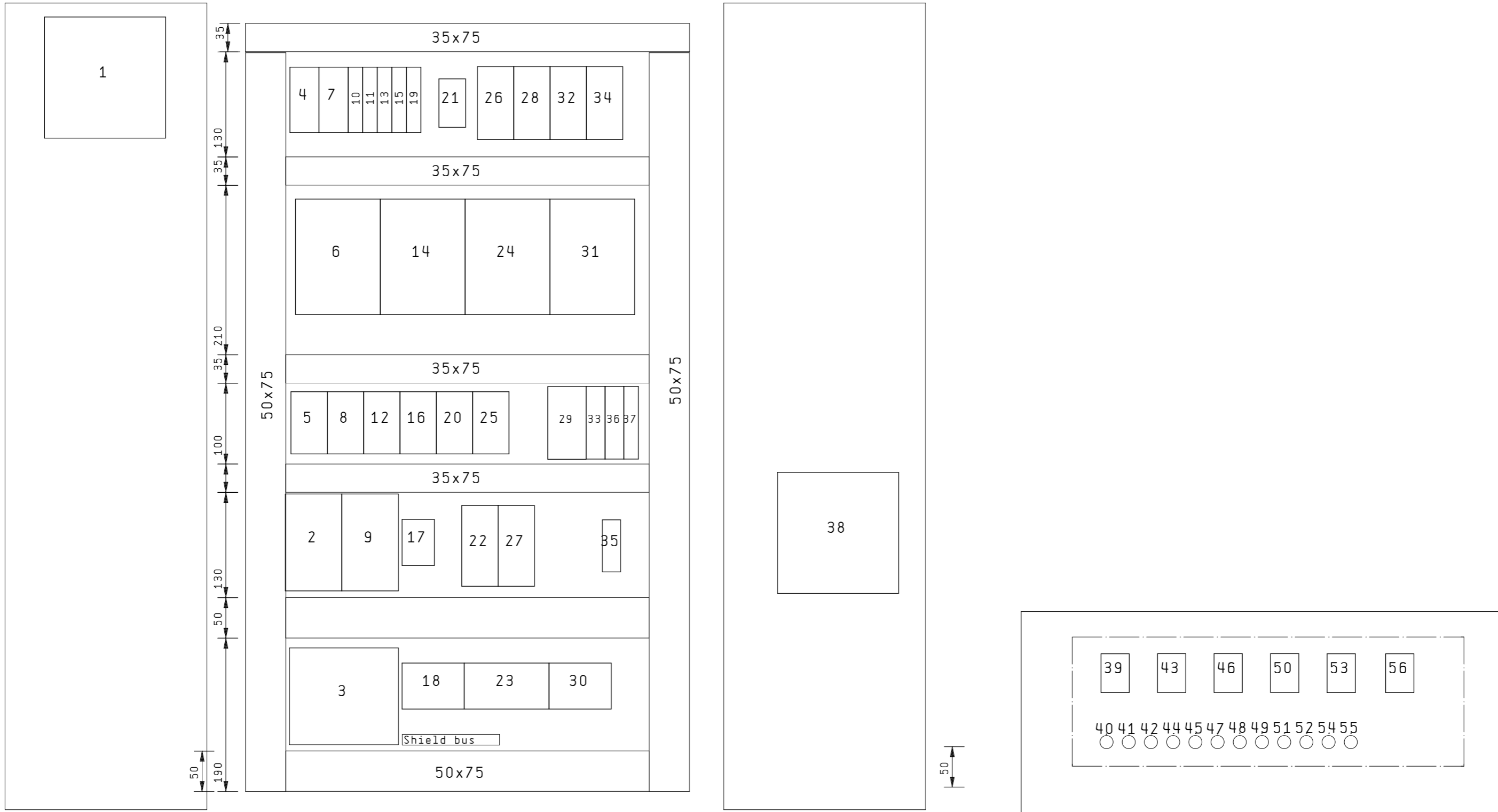
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=CABP/20	+COM3-WS01 CONVEYER 2 LEFT, STOP, RIGHT		18.09.06	SEG	
=CABP/21	+COM3-WS02 START, STOP, HAND		18.09.06	SEG	
=CABP/22	+COM4-WS01 START, STOP, HAND		18.09.06	SEG	
=CABP/23	+COM4-WS04 CONVEYER 2 LEFT, STOP, RIGHT		18.09.06	SEG	
=CABP/24	+MOV4-WM01 DRIVE		18.09.06	SEG	
=CABP/25	+MOV4-WM02 DRIVE		18.09.06	SEG	
=CABP/26	+SAF4-WS03 LIMIT SWITCH 1		18.09.06	SEG	
=CABP/27	+COM5-WB01 LIGHT BARRIER		18.09.06	SEG	
=CABP/28	+COM5-WB02 LIGHT BARRIER		18.09.06	SEG	
=CABP/29	+COM5-WB03 LIGHT BARRIER		18.09.06	SEG	
=CABP/30	+COM5-WB04 INITIATOR		18.09.06	SEG	
=CABP/31	+COM5-WB05 INITIATOR		18.09.06	SEG	
=CABP/32	+COM5-WB06 INITIATOR		18.09.06	SEG	
=CABP/33	+COM5-WB07 INITIATOR		18.09.06	SEG	
=CABP/34	+COM5-WB08 LIGHT BARRIER		18.09.06	SEG	
=CABP/35	+COM5-WB09 LIGHT BARRIER		18.09.06	SEG	
=PART/1	LIST OF PARTS		18.09.06	PVH	
=PART/2	LIST OF PARTS		18.09.06	PVH	
=PART/3	LIST OF PARTS		18.09.06	PVH	
=PART/4	LIST OF PARTS		18.09.06	PVH	

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ESSJ010

Page	Page designation	Suppl. page field	Date	User	X
=PART/5	LIST OF PARTS		18.09.06	PVH	
=PART/6	LIST OF PARTS		18.09.06	PVH	
=PART/7	LIST OF PARTS		18.09.06	PVH	
=PART/8	LIST OF PARTS		18.09.06	PVH	
=PART/9	LIST OF PARTS		18.09.06	PVH	
=PART/10	LIST OF PARTS		18.09.06	PVH	
=PART/11	LIST OF PARTS		18.09.06	PVH	
=PART/12	LIST OF PARTS		18.09.06	PVH	
=PART/13	LIST OF PARTS		18.09.06	PVH	
=PART/14	LIST OF PARTS		18.09.06	PVH	
=PART/15	LIST OF PARTS		18.09.06	PVH	
=PART/16	LIST OF PARTS		18.09.06	PVH	
=PART/17	LIST OF PARTS		18.09.06	PVH	
=PART/18	LIST OF PARTS		18.09.06	PVH	
=PART/19	LIST OF PARTS		18.09.06	PVH	
=PART/20	LIST OF PARTS		18.09.06	PVH	
=PART/21	LIST OF PARTS		18.09.06	PVH	
=PART/22	LIST OF PARTS		18.09.06	PVH	
=PART/23	LIST OF PARTS		18.09.06	PVH	
=ORDER/1	ORDER LIST		18.09.06	SEG	

Date	14.02.06	  		DP CANopen OPTIMIZED	Contents	Drawing number	= CONT	
User.	HOE			MP&A/AD&S		33003614	+ CON	
Check.				Created by.		CON 14	DCO	Pa. 14
Change	Date	Name	Stand.	First.	Created for			15 Bl.



Mounting plate sare1
(wxh) 550x950

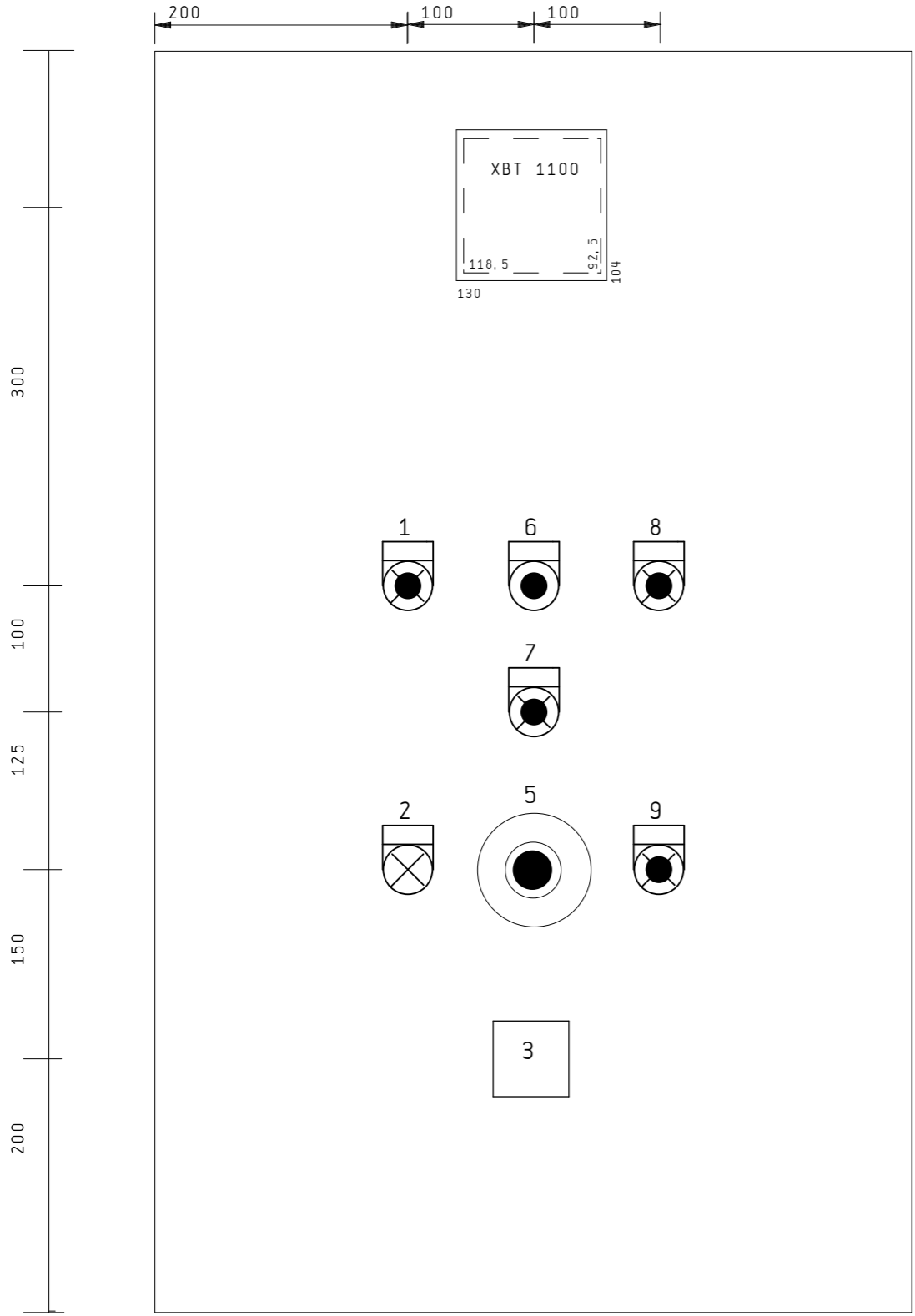
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2

Date		14.02.06			DP CANopen OPTIMIZED		CABINET H1		Drawing number		= LAYP	
User.		hoe			MP&A/AD&S		2		33003614		+ LAY	
Check.		5			Created for		Created by.		LAY 1		Pa. 1	
Change	Date	Name	Stand.	4	First.	Created for	Created by.			DCO		26 Bl.

Pos.	BMK	Typ
1	=WIRP1+PSD-E01	AIR FILTER
2	=WIRP1+COM-XCA1	VW3CANTAP2
3	=WIRP1+PSD-T01	POWER SUPPLY UNIT 230/24VDC
4	=WIRP1+PSD-F01	Circuit breaker c60n 2p 2a c
5	=WIRP1+SAF-K02	CONTACTOR
6	=WIRP1+MOV-T01	VARIABLE SPEED DRIVES 0,37KW
7	=WIRP1+PSD-F02	CIRCUIT BREAKER C60H 2P 3A D
8	=WIRP1+SAF-K03	CONTACTOR
9	=WIRP1+COM-XCA2	VW3CANTAP2
10	=WIRP1+PSD-F03	Circuit breaker c60l 1p 2a c
11	=WIRP1+PSD-F04	Circuit breaker c60l 1p 1a c
12	=WIRP1+SAF-K06	CONTACTOR
13	=WIRP1+PSD-F05	Circuit breaker c60l 1p 1a c
14	=WIRP1+MOV-T02	VARIABLE SPEED DRIVES 0,37KW
15	=WIRP1+PSD-F06	Circuit breaker c60l 1p 4a c
16	=WIRP1+SAF-K07	CONTACTOR
17	+SAF-XNA	
18	+COM-X03	
19	=WIRP1+PSD-F07	Circuit breaker c60h 1p 1a b
20	=WIRP1+SAF-K08	CONTACTOR
21	=WIRP1+PSD-B01	THERMOSTAT 1NC 0-60°C
22	=WIRP1+SAF-K01	EMERGENCY STOP RELAY
23	+PSD-X02	
24	=WIRP1+MOV-T03	VARIABLE SPEED DRIVES 0,37KW
25	=WIRP1+SAF-K09	CONTACTOR
26	=WIRP1+MOV-Q01	MAGNETIC CIRCUIT-BREAKER 2,5A
27	=WIRP1+SAF-K04	EMERGENCY STOP RELAY
28	=WIRP1+MOV-Q02	MAGNETIC CIRCUIT-BREAKER 2,5A
29	=WIRP1+PLC-K01	Twido plc modular-device m. 20e/a
30	+SAF-XLC	
31	=WIRP1+MOV-T04	VARIABLE SPEED DRIVES 0,37KW
32	=WIRP1+MOV-Q03	MAGNETIC CIRCUIT-BREAKER 2,5A
33	=WIRP1+PLC-K01	Twido interface module 24v
34	=WIRP1+MOV-Q04	MAGNETIC CIRCUIT-BREAKER 2,5A
35	=WIRP1+PSD-XTR01	DISCONNECT TERMINAL

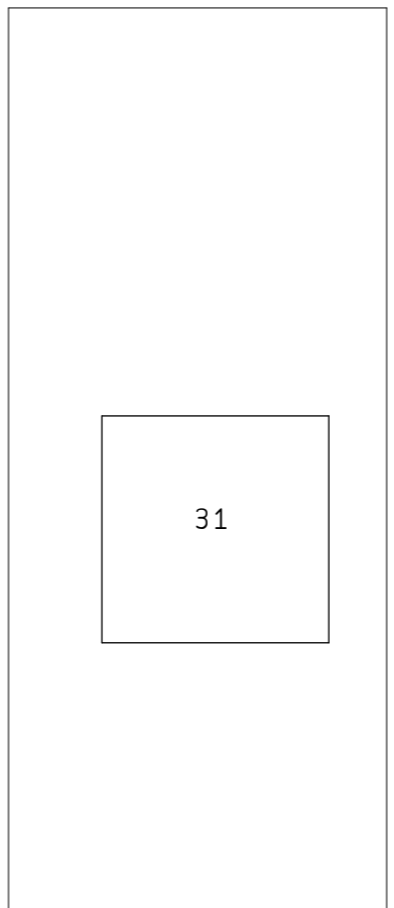
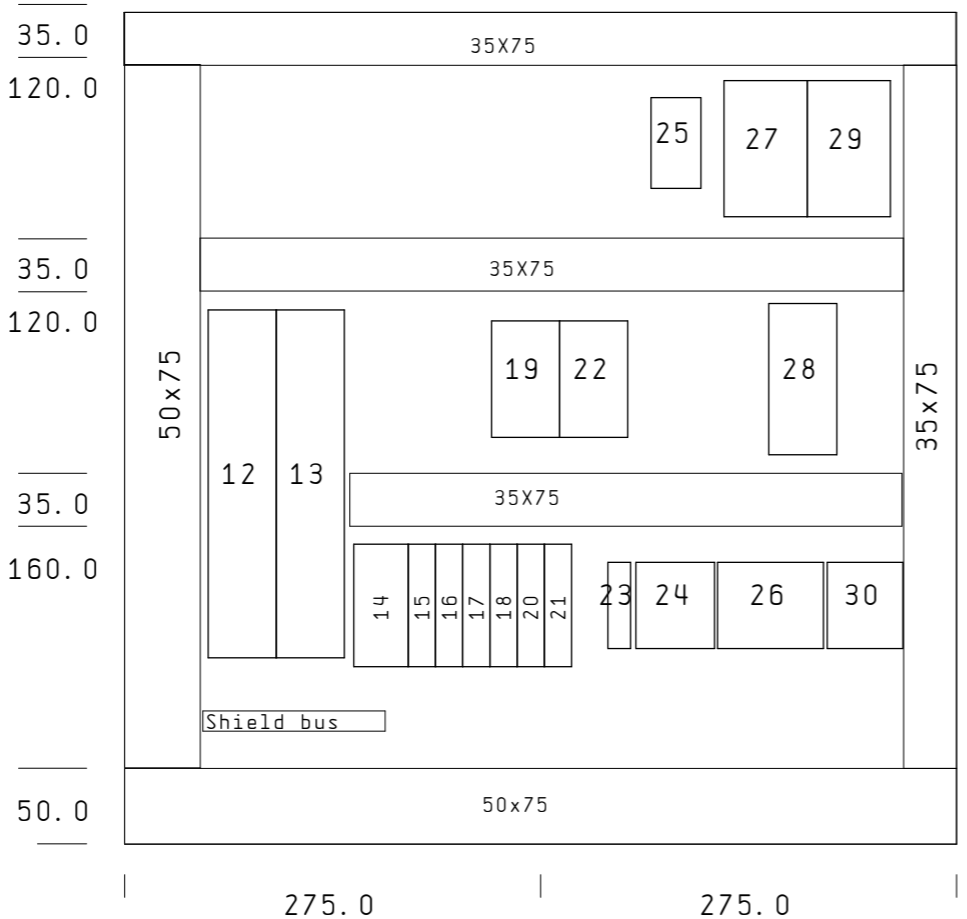
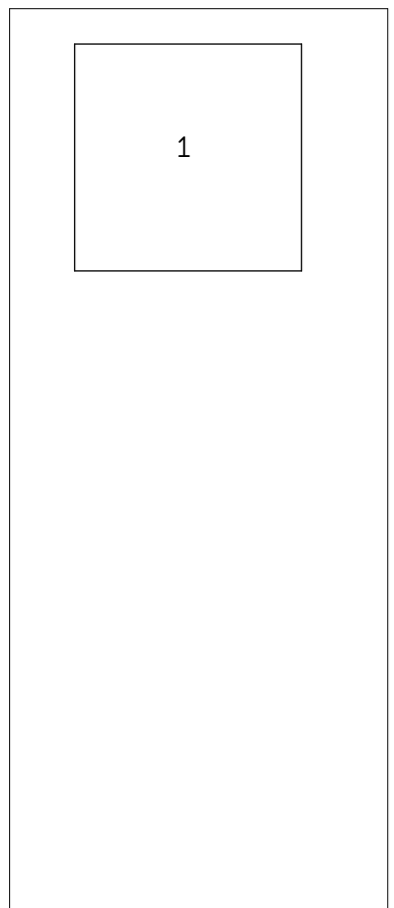
Pos.	BMK	Typ
36	=WIRP1+PLC-K02	Twido sps interface
37	=WIRP1+PLC-K03	Twido interface module 24v
38	=WIRP1+PSD-E01	FAN WITH FILTER 230V, 0,12A
39	+MOV-XM01	
40	+COM-XP01	
41	+COM-XS01	
42	+PSD-XWIR2	
43	+MOV-XM02	
44	+PSD-XWIR3	
45	+PSD-XWIR4	
46	+MOV-XM03	
47	+PSD-XWIR5	
48	+SAF-X1K05	
49	+SAF-X2K05	
50	+MOV-XM04	
51	+SAF-XSNA1	
52	+COM-XSCAN1	
53	+PSD-X01	
54	+SAF-XS04	
55	+SAF-XS05	
56	+PSD-XWIR1	



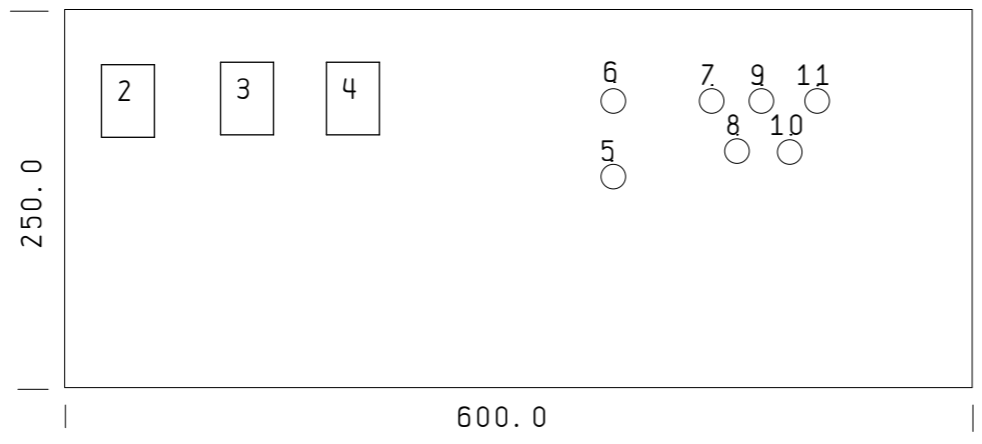
Front view

Pos.	BMK	Typ
1	=WIRP1+COM-SP01	ILLUMINATED PUSHBUTTON 1NC/1NO, GREEN
2	=WIRP1+PSD-P01	SIGNAL LAMP WHITE
3	=WIRP1+PSD-Q01	MAIN SWITCH 25A FLUSH MOUNTING
4	=WIRP1+HMI-P01	MAGELIS CONTROL TERMINAL
5	=WIRP1+SAF-S01	EMERGENCY STOP BUTTON ROTATION RELEASE
6	=WIRP1+COM-S02	PUSHBUTTON, 1NC
7	=WIRP1+SAF-SP03	ILLUMINATED PUSHBUTTON 1NC, BLUE
8	=WIRP1+COM-SP03	ILLUMINATED PUSHBUTTON 1NC/1NO, YELLOW
9	=WIRP1+SAF-SP01	ILLUMINATED PUSHBUTTON 1NC, BLUE

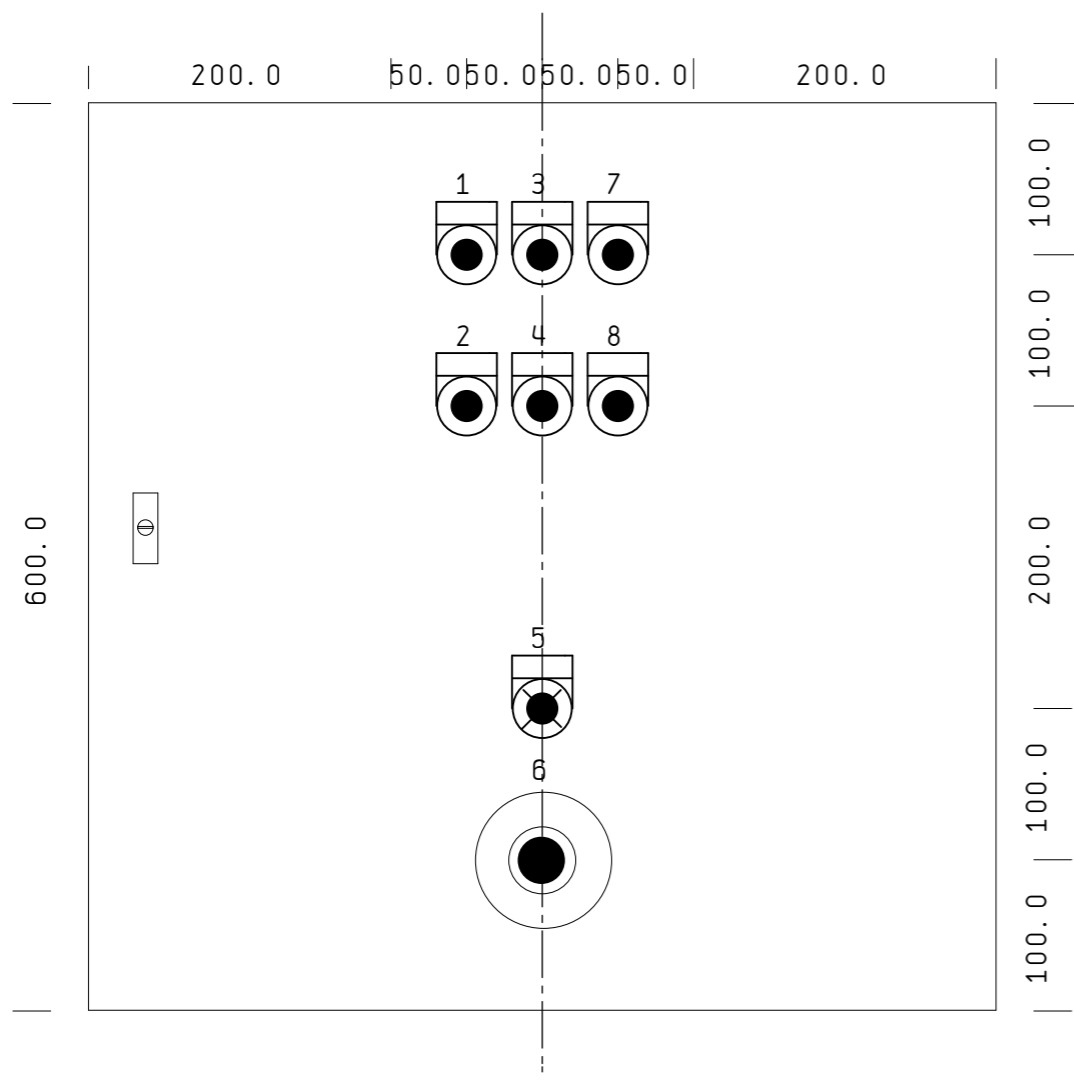
	TEXT LAMPS/ BUTTON
1	START
2	24V OK
3	MAIN SWITCH
4	
5	EMERGENCY STOP
6	STOP
7	ACKN. LIGHT CURTAIN
8	AUTO. / MAN.
9	ACKN. E-STOP



Mounting plate sarel
(wxh) 550x550



Pos.	BMK	Typ
1	=WIRP4+PSD4-E01	AIR FILTER
2	+PSD4-X01W4	
3	+MOV4-XM01	
4	+MOV4-XM02	
5	+PLC4-XSCAN2	
6	+PLC4-XSCAN1	
7	+PSD4-XWIR4	
8	+SAF4-XS03	
9	+COM4-XS01	
10	+SAF4-XSNA1	
11	+COM4-XS02	
12	=WIRP4+MOV4-F01	Tesys u reversing 12a 24vdc
13	=WIRP4+MOV4-F02	Tesys u reversing 12a 24vdc
14	=WIRP4+PSD4-F01	Circuit breaker c60n 2p 2a c
15	=WIRP4+PSD4-F02	Circuit breaker c60l 1p 1a c
16	=WIRP4+PSD4-F03	Circuit breaker c60l 1p 1a c
17	=WIRP4+PSD4-F04	Circuit breaker c60l 1p 1a c
18	=WIRP4+PSD4-F05	Circuit breaker c60l 1p 1a c
19	=WIRP4+SAF4-K05	CONTACTOR
20	=WIRP4+PSD4-F06	Circuit breaker c60l 1p 1a c
21	=WIRP4+PSD4-F07	Circuit breaker c60l 1p 1a c
22	=WIRP4+SAF4-K06	CONTACTOR
23	+PSD4-XWIRP4	
24	+COM4-X03	
25	=WIRP4+PSD4-B01	THERMOSTAT 1NC 0-60°C
26	+SAF4-XNA	
27	=WIRP4+PLC4-K01	Twido otb decentral i/o
28	=WIRP4+SAF4-K04	EMERGENCY STOP RELAY
29	=WIRP4+PLC4-K02	Twido otb decentral i/o
30	+SAF4-XNA	
31	=WIRP4+PSD4-E01	FAN WITH FILTER 230V, 0,12A



Front view

Pos.	BMK	Typ
1	=WIRP4+COM4-S01	PUSHBUTTON, 1NO
2	=WIRP4+COM4-S04	PUSHBUTTON, 1NO
3	=WIRP4+COM4-S02	PUSHBUTTON, 1NC
4	=WIRP4+COM4-S05	PUSHBUTTON, 1NC
5	=WIRP4+SAF4-SP05	ILLUMINATED PUSHBUTTON 1NC, BLUE
6	=WIRP4+SAF4-S01	EMERGENCY STOP BUTTON ROTATION RELEASE
7	=WIRP4+COM4-S03	PUSHBUTTON, 1NO
8	=WIRP4+COM4-S06	PUSHBUTTON, 1NO

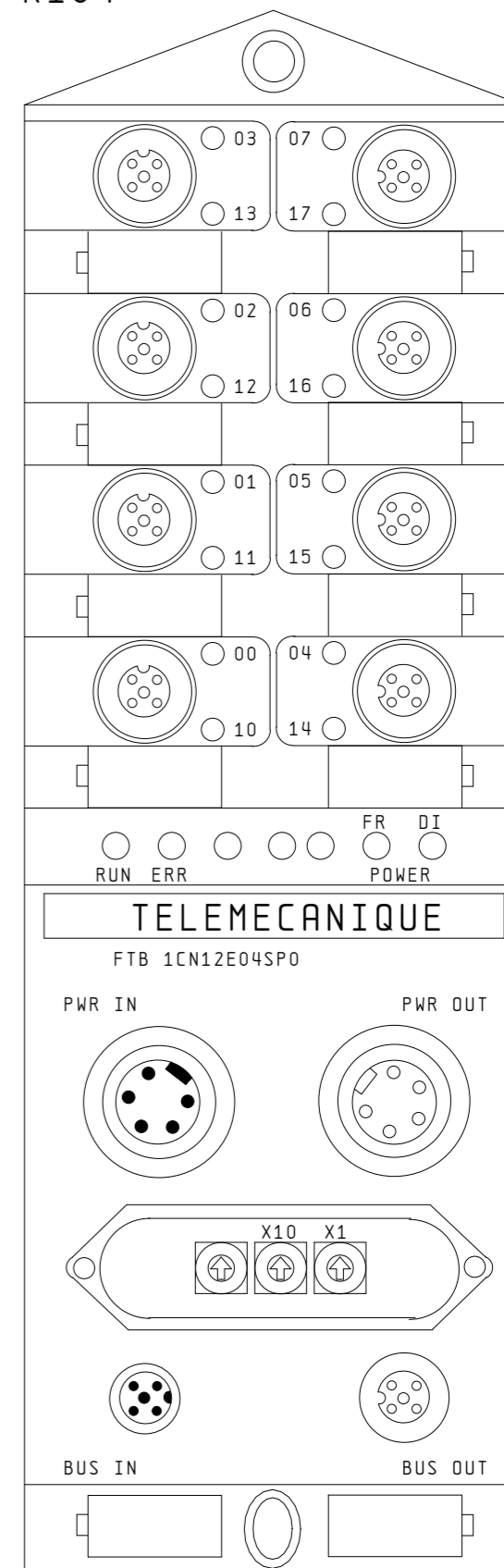
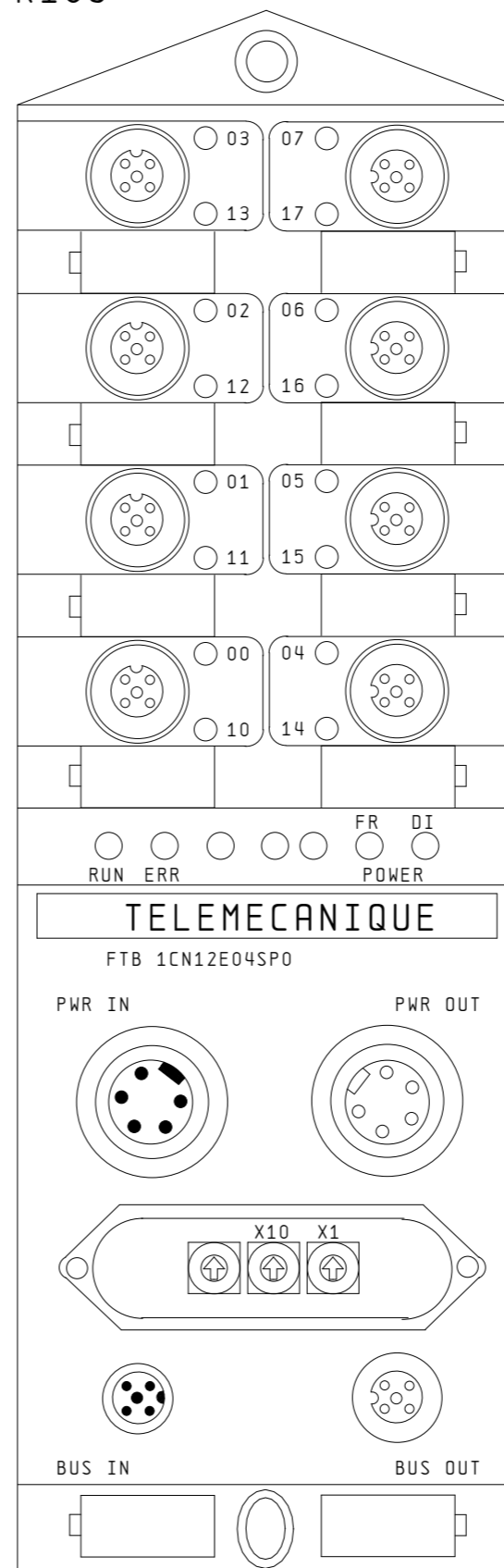
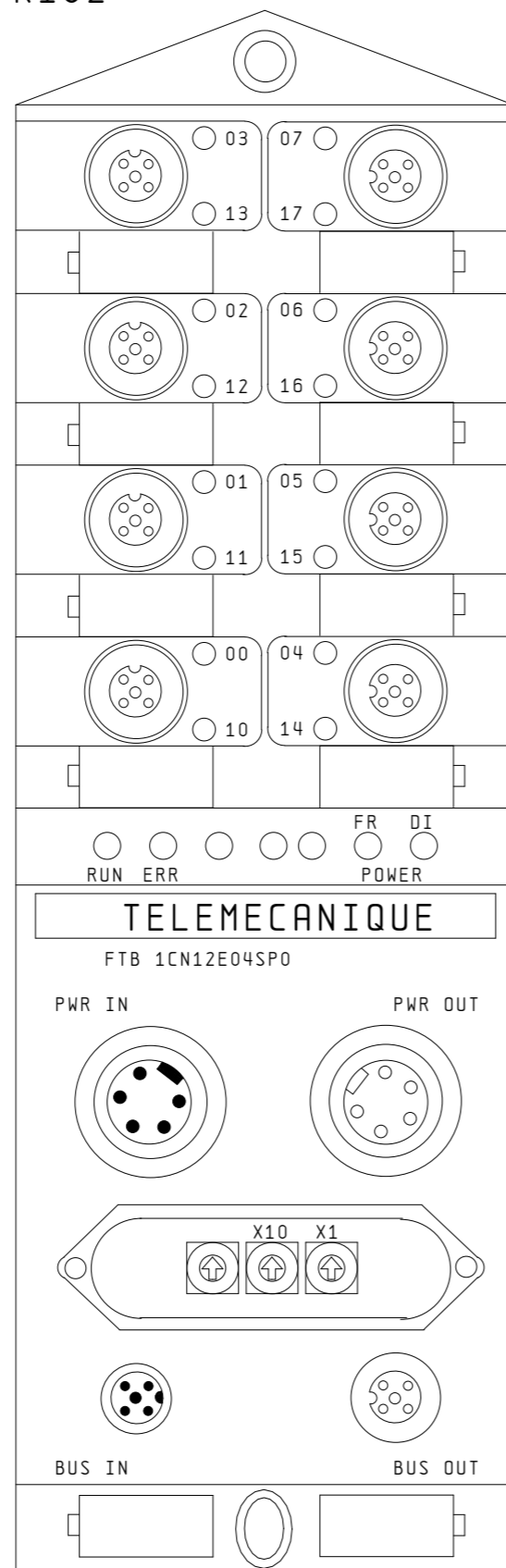
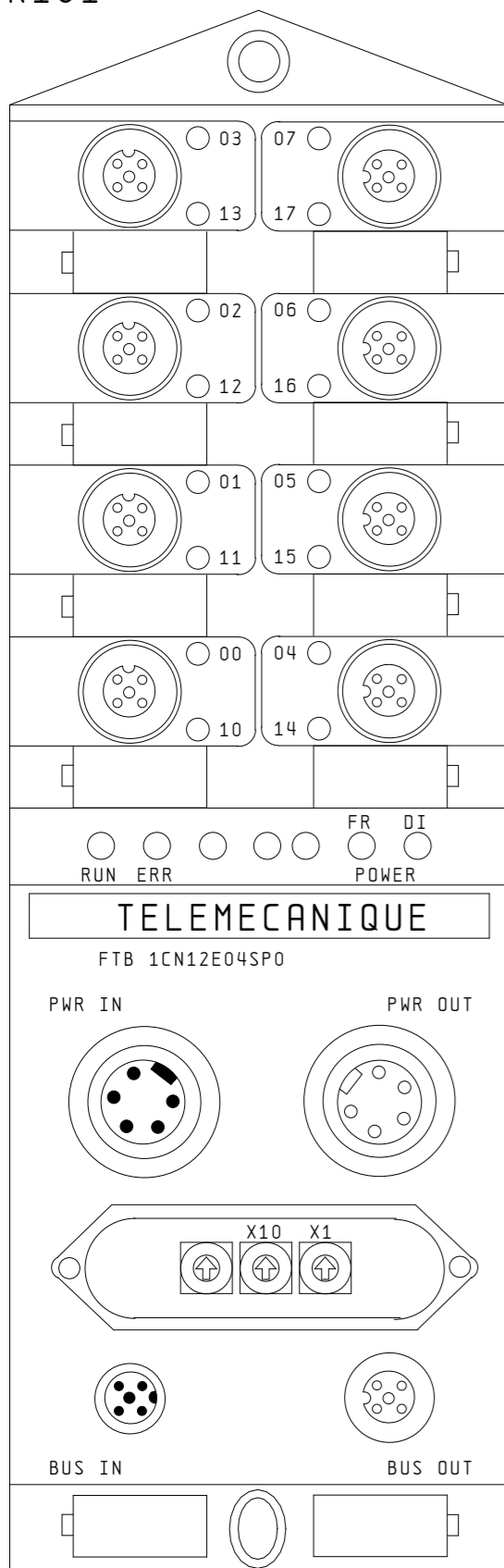
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1	<--
2	<--
3	0
4	0
5	ACKN. E-STOP
6	
7	-->
8	-->

K101

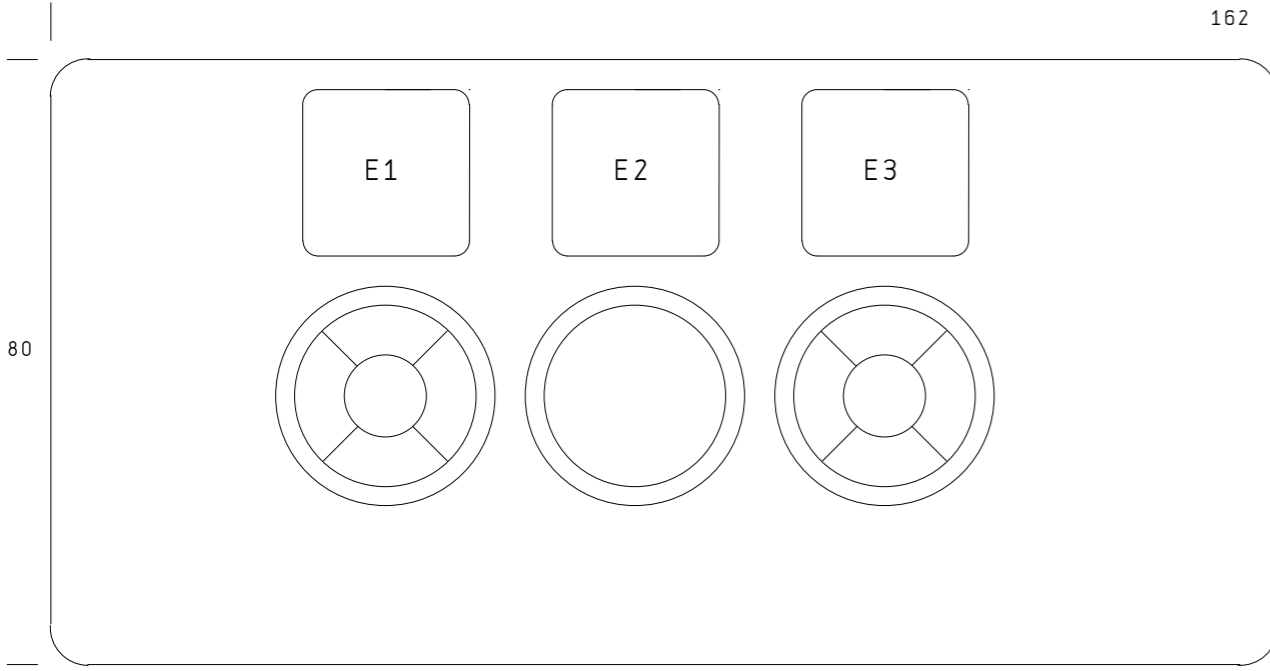
K102

K103

K104



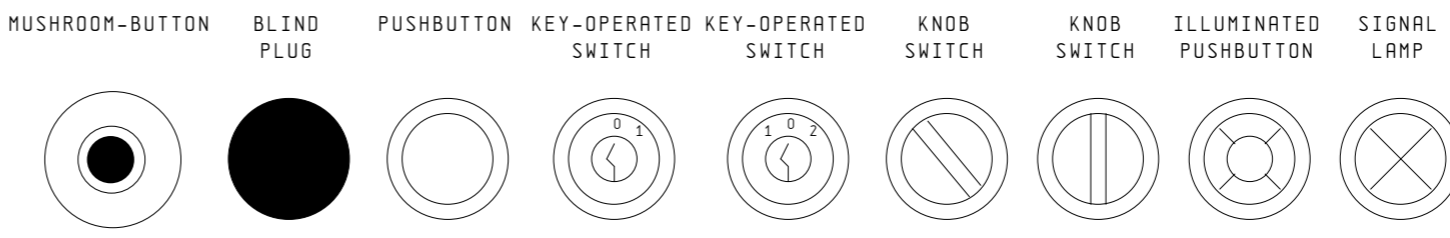
Date		14.02.06		Merlin Gerin		DP CANopen OPTIMIZED		SPLITTERBOXES FTB IP67 I/O		Drawing number		= LAYP	
User.		SEG		Square D		MP&A/AD&S		VORORT		33003614		+ LAY	
Check.				Telemecanique		Created for		Created by.		LAY 9		Pa. 9	
Change		Date		Name		Stand.		First.		DCO		26 Bl.	



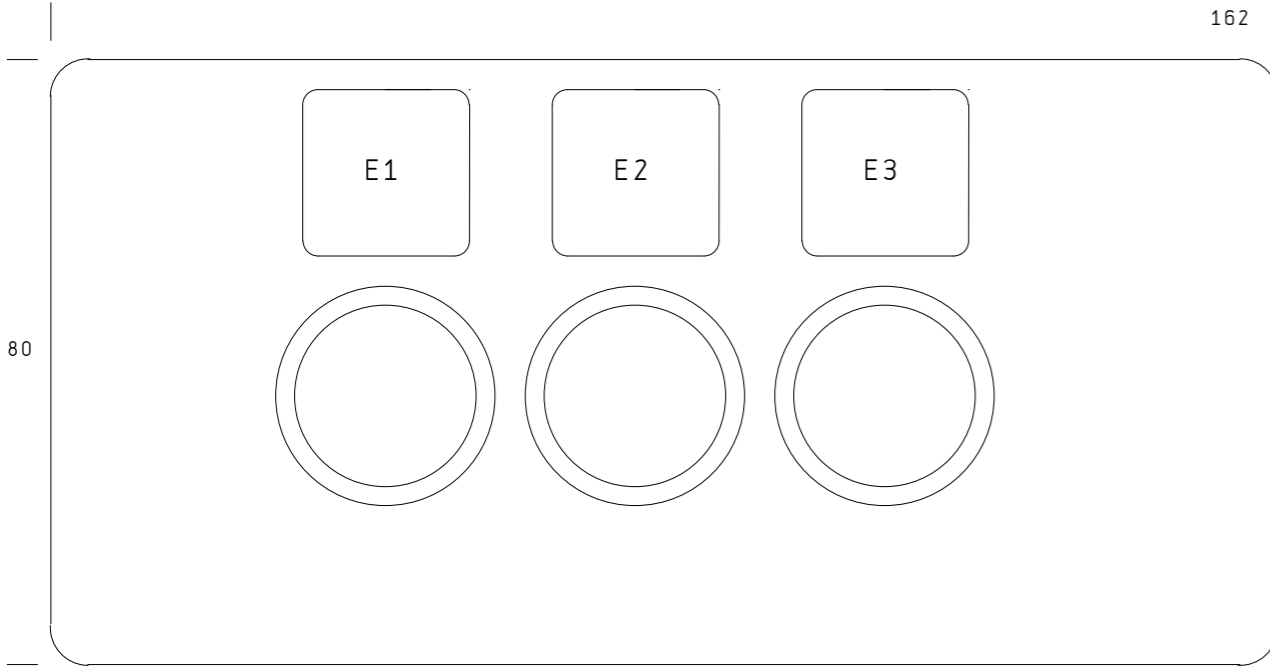
LABEL SIZE: 18X 44			
NR.	FUNCTION	TARGET	COLOUR
-A01	KEYBOARD	+VORORT	

LABEL SIZE: 22X 22				
NR.	FUNCTION	TARGET	TYP	COLOUR
E1	START	=WIRP1+VORORT -SP11	LDT	RT
E2	STOP	=WIRP1+VORORT -P12	DT	GN
E3	MAN AUTO	=WIRP1+VORORT -SP13	LDT	GE

LEGEND:	
DT	PUSHBUTTON
ST	KEY BUTTON
SS	KEY-OPERATED SWITCH
KS	KNOB SWITCH
LDT	ILLUMINATED PUSHBUTTON
LM	SIGNAL LAMP
DRS	PUSHBUTTON WITH RATCHET/SAFETY LOCK
PT	MUSHROOM-BUTTON



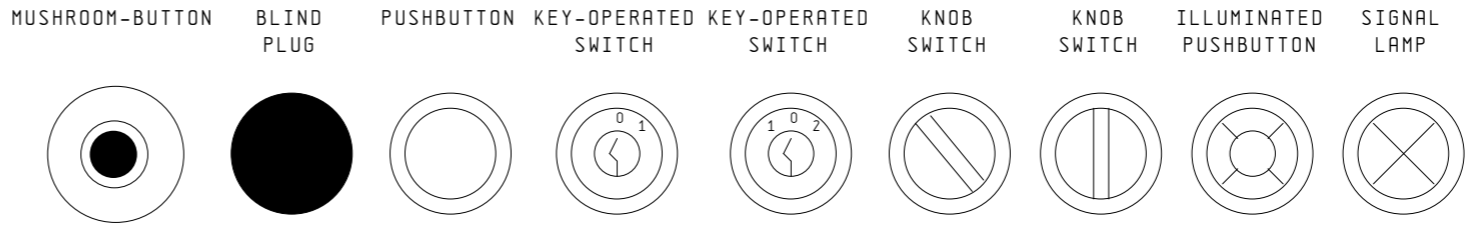
VERSUS
=WIRP1+COM



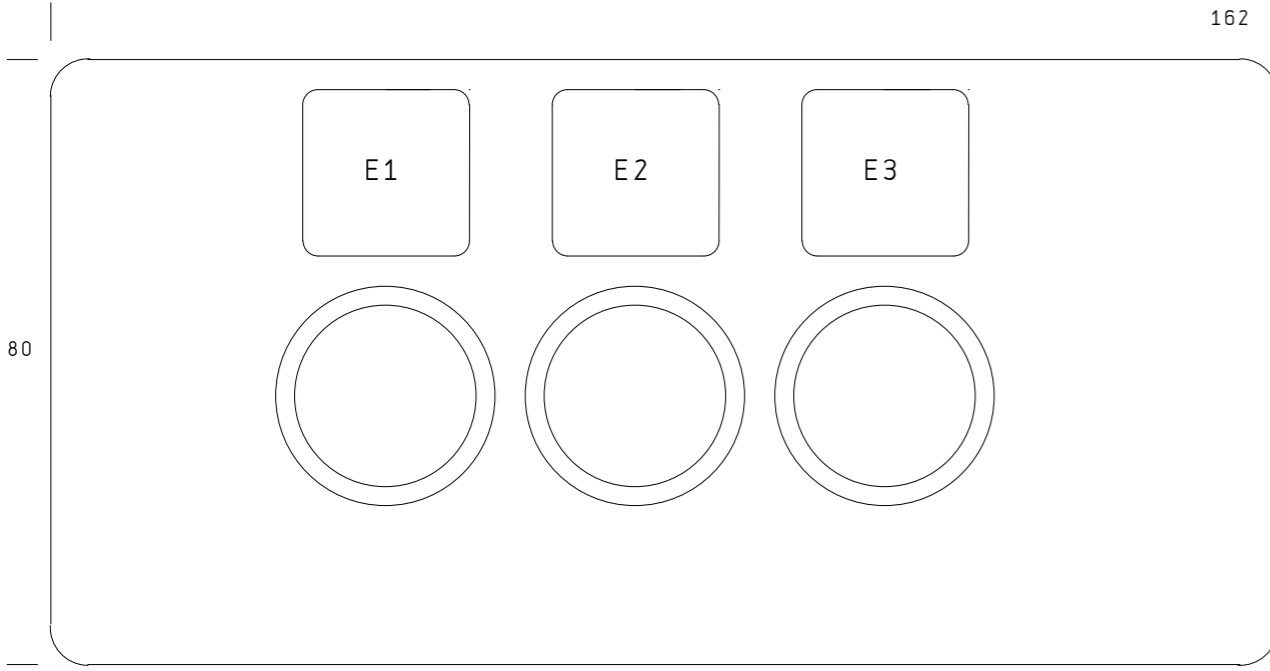
LABEL SIZE: 18X 44			
NR.	FUNCTION	TARGET	COLOUR
-A01	KEYBOARD	+H2	

LABEL SIZE: 22X 22				
NR.	FUNCTION	TARGET	TYP	COLOUR
E1	LEFT	=WIRP2+H2 -SP11	LDT	BU
E2	STOP	=WIRP1+H2 -S12	DT	RT
E3	RIGHT	=WIRP1+H2 -SP13	LDT	BU

LEGEND:	
DT	PUSHBUTTON
ST	KEY BUTTON
SS	KEY-OPERATED SWITCH
KS	KNOB SWITCH
LDT	ILLUMINATED PUSHBUTTON
LM	SIGNAL LAMP
DRS	PUSHBUTTON WITH RATCHET/SAFETY LOCK
PT	MUSHROOM-BUTTON



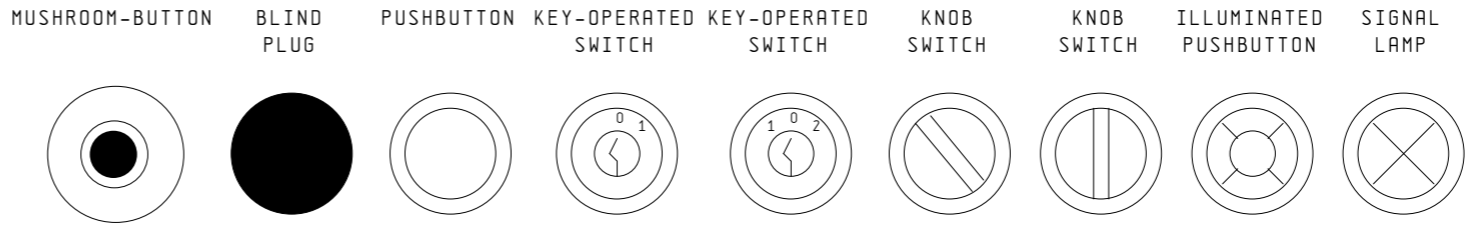
VERSUS
=WIRP2+COM2



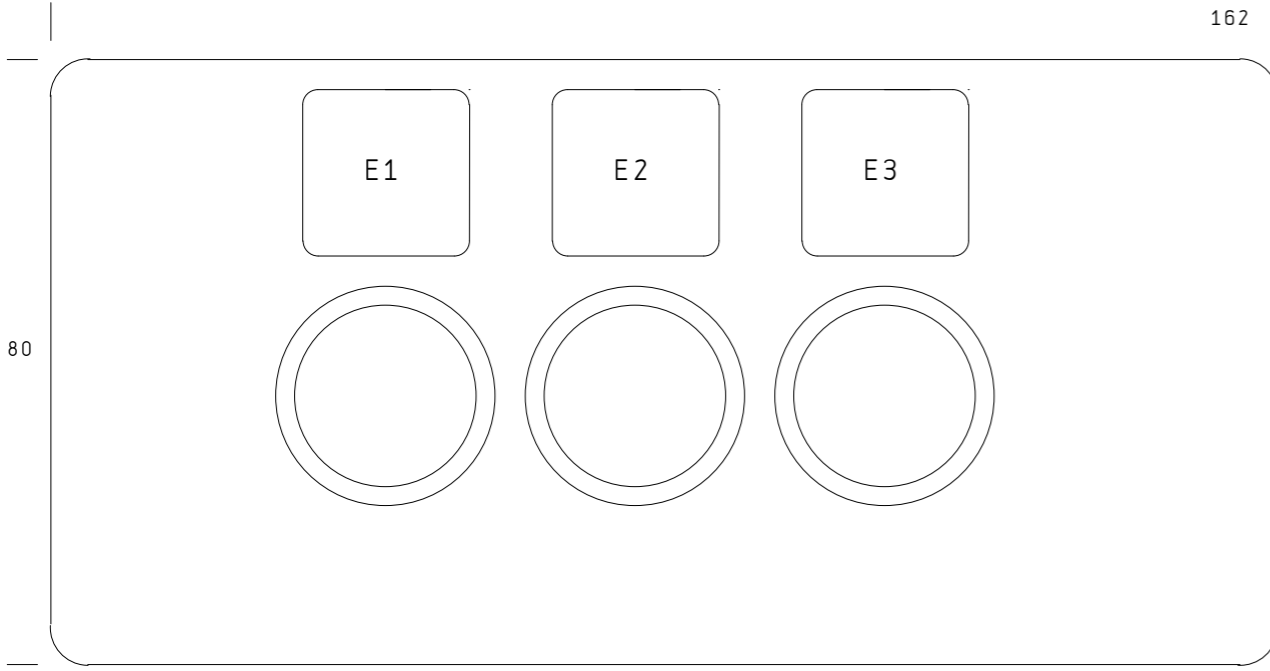
LABEL SIZE: 18X 44			
NR.	FUNCTION	TARGET	COLOUR
-A02	KEYBOARD	+H2	

LABEL SIZE: 22X 22				
NR.	FUNCTION	TARGET	TYP	COLOUR
E1	LEFT	=WIRP2+H2 -SP21	LDT	BU
E2	STOP	=WIRP2+H2 -S22	DT	RT
E3	RIGHT	=WIRP2+H2 -SP23	LDT	BU

LEGEND:	
DT	PUSHBUTTON
ST	KEY BUTTON
SS	KEY-OPERATED SWITCH
KS	KNOB SWITCH
LDT	ILLUMINATED PUSHBUTTON
LM	SIGNAL LAMP
DRS	PUSHBUTTON WITH RATCHET/SAFETY LOCK
PT	MUSHROOM-BUTTON



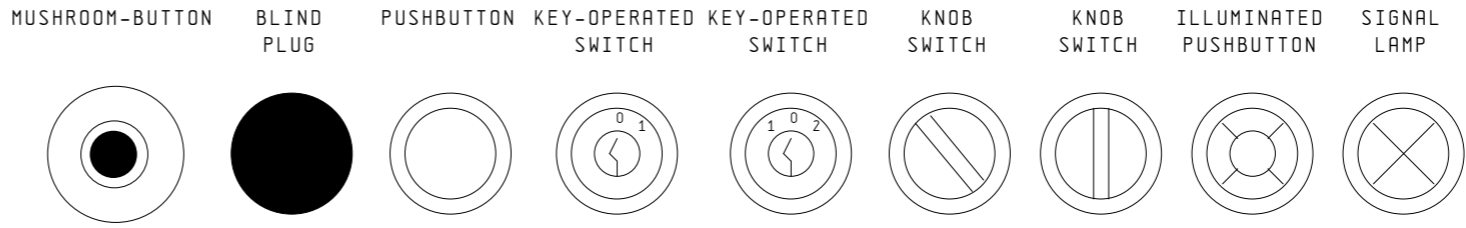
VERSUS
=WIRP2+COM2



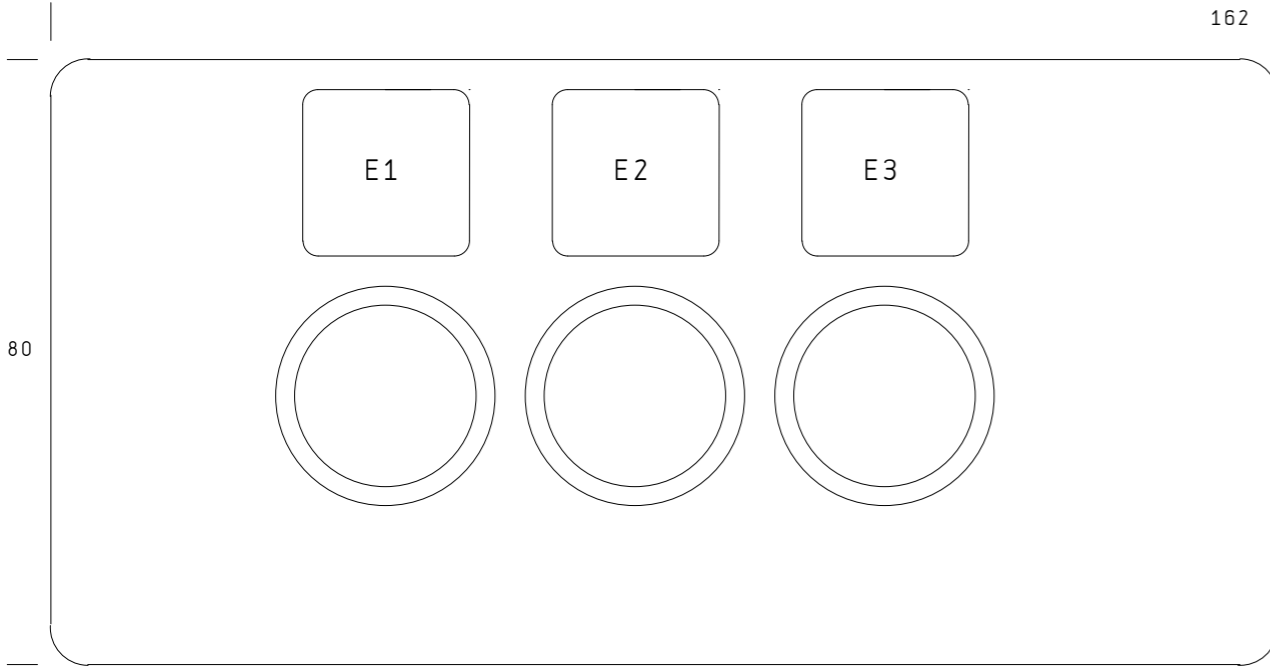
LABEL SIZE: 18X 44			
NR.	FUNCTION	TARGET	COLOUR
-A01	KEYBOARD	+H3	

LABEL SIZE: 22X 22				
NR.	FUNCTION	TARGET	TYP	COLOUR
E1	LEFT	=WIRP3+H3 -SP11	LDT	BU
E2	STOP	=WIRP3+H3 -S12	DT	RT
E3	RIGHT	=WIRP3+H3 -SP13	LDT	BU

LEGEND:	
DT	PUSHBUTTON
ST	KEY BUTTON
SS	KEY-OPERATED SWITCH
KS	KNOB SWITCH
LDT	ILLUMINATED PUSHBUTTON
LM	SIGNAL LAMP
DRS	PUSHBUTTON WITH RATCHET/SAFETY LOCK
PT	MUSHROOM-BUTTON



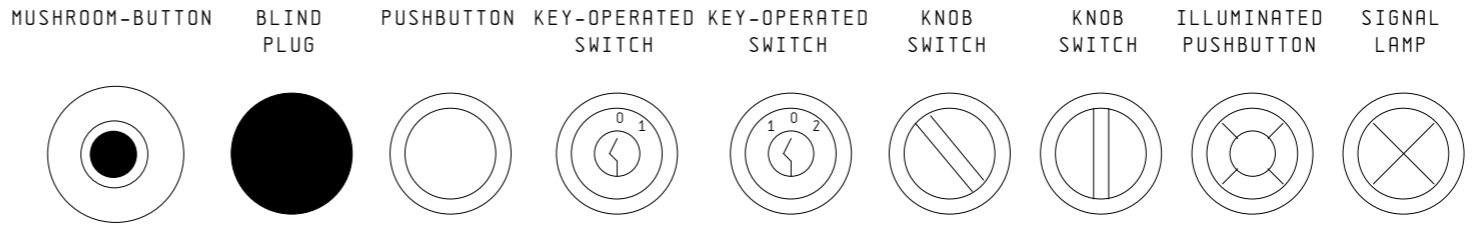
VERSUS
=WIRP3+COM3



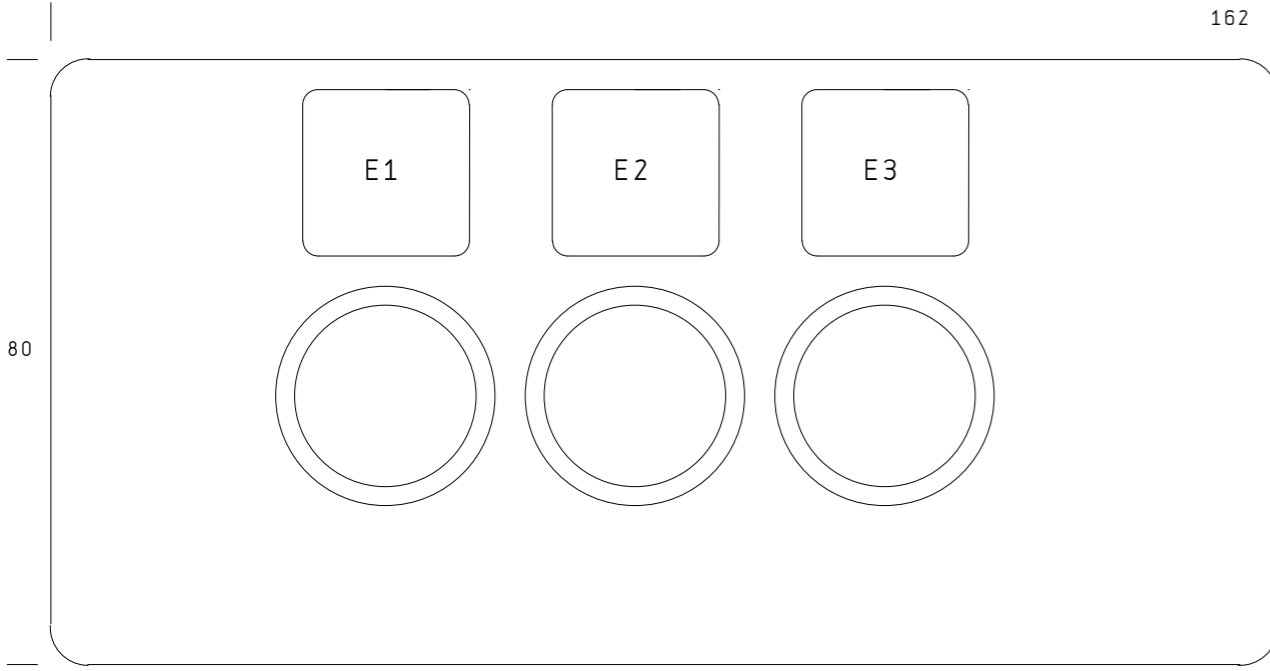
LABEL SIZE: 18X 44			
NR.	FUNCTION	TARGET	COLOUR
-A01	KEYBOARD	+H4	

LABEL SIZE: 22X 22				
NR.	FUNCTION	TARGET	TYP	COLOUR
E1	LEFT	=WIRP4+H4 -SP11	LDT	BU
E2	STOP	=WIRP4+H4 -S12	DT	RT
E3	RIGHT	=WIRP4+H4 -SP13	LDT	BU

LEGEND:	
DT	PUSHBUTTON
ST	KEY BUTTON
SS	KEY-OPERATED SWITCH
KS	KNOB SWITCH
LDT	ILLUMINATED PUSHBUTTON
LM	SIGNAL LAMP
DRS	PUSHBUTTON WITH RATCHET/SAFETY LOCK
PT	MUSHROOM-BUTTON



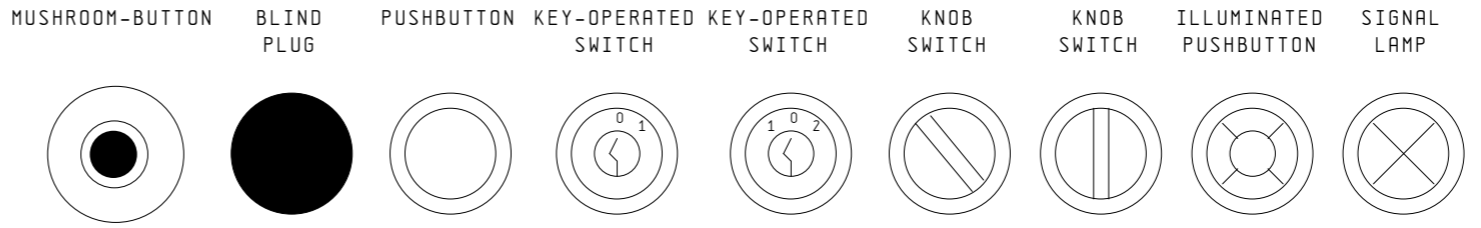
VERSUS
=WIRP4+COM4



LABEL SIZE: 18X 44			
NR.	FUNCTION	TARGET	COLOUR
-A02	KEYBOARD	+H4	

LABEL SIZE: 22X 22				
NR.	FUNCTION	TARGET	TYP	COLOUR
E1	LEFT	=WIRP4+H4 -SP21	LDT	BU
E2	STOP	=WIRP4+H4 -S22	DT	RT
E3	RIGHT	=WIRP4+H4 -SP23	LDT	BU

LEGEND:	
DT	PUSHBUTTON
ST	KEY BUTTON
SS	KEY-OPERATED SWITCH
KS	KNOB SWITCH
LDT	ILLUMINATED PUSHBUTTON
LM	SIGNAL LAMP
DRS	PUSHBUTTON WITH RATCHET/SAFETY LOCK
PT	MUSHROOM-BUTTON



VERSUS
=WIRP4+COM4

CABLE PRODUCTION FOR SUPPLY

CABLE LENGTH CA 4M

PLUG AT PANEL

WITH CRIMPCONTACTS 2,5mm² MALE

SOCKET CABLE

WITH CRIMPCONTACTS 2,5mm² FEMALE

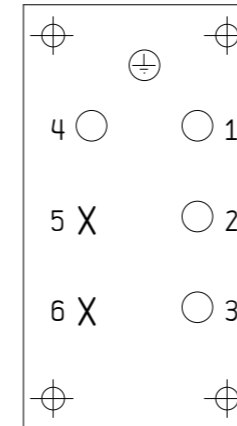
ARTICLE HAN 6

Pc..	Cat. no.	DESCRIPTION
1	09 30 006 0302	HOUSING BASE
1	09 33 006 2702	FEMALE CONTACTS (INSERT)
6	09 33 000 6104	BUSH INSERT CRIMP (2,5MM ²)
1	09 33 006 2602	MALE INSERT
6	09 33 000 6102	FEMALE CONTACTS CRIMP (2,5MM ²)
1	09 33 000 0442	HOUSING TOP (FOR PG21)
1	09 30 006 5423	COVER PLATE
1	09 00 000 5168	SPECIAL CABLE GLAND
		PLASTIC, WITH TENSION RELEASE
		AND BEND PROTECTION CG21
1	09 00 000 5030	CUTTING OUT OF THE SEAL RING
2	09 33 000 9954	CODING PIN

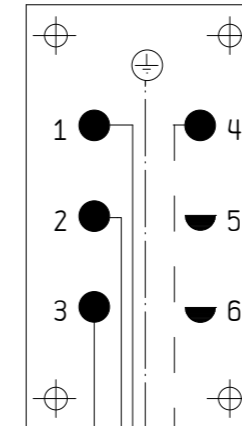
- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED

HAN 6

MALE



FEMALE

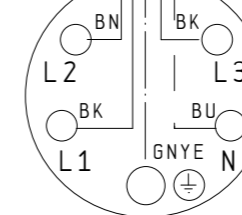


CODIERPIN VIS-à-VIS
IS
FREE

CABLE TYPE:
ÖLFLEX 100 H
5 x 2,5 mm²

- 1 => BK
- 2 => BU
- 3 => BK
- 4 => BN
- PE=> GNYE

EURO-CONNECTOR
3P+N+PE 16A



CONNECT TO CONNECTOR
CABLE END CA. 11CM TO STRIP
BK, BU, BK UND BN OF CA. 10CM CAT UP
NOT GNYE
ALL WIRE WITH INSULATED WIRE END
FERRULE

CABLE PRODUCTION FOR MOTORS

CABLE LENGTH CA 2M
WITH SHIELD

SOCKET ON CABINET

WITH CRIMPCONTACTS 1,5mm² FEMALE

PLUG AT CABLE

WITH CRIMPCONTACTS 1,5mm² MALE

ARTICLE HAN 6

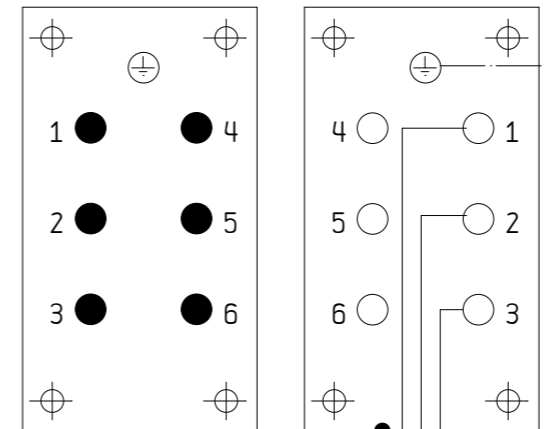
Pc..	Cat. no.	DESCRIPTION
1	09 30 006 0302	HOUSING BASE
1	09 33 006 2702	FEMALE CONTACTS (INSERT)
6	09 33 000 6204	BUSH INSERT CRIMP (1,5MM ²)
1	09 33 006 2602	MALE INSERT
6	09 33 000 6104	FEMALE CONTACTS CRIMP (1,5MM ²)
1	09 33 000 0442	HOUSING TOP (FOR PG21)
1	09 30 006 5423	COVER PLATE
1	52 104 493	BRASS-ADAPTOR PG 21-M20X
1	52 104 493	BRASS-ADAPTOR PG 11-M20X
2	52 106 960	METAL-SCREW JOINT/ EARTH
		M20/11/11/7
2	09 33 000 9954	CODING PIN

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED

HAN 6

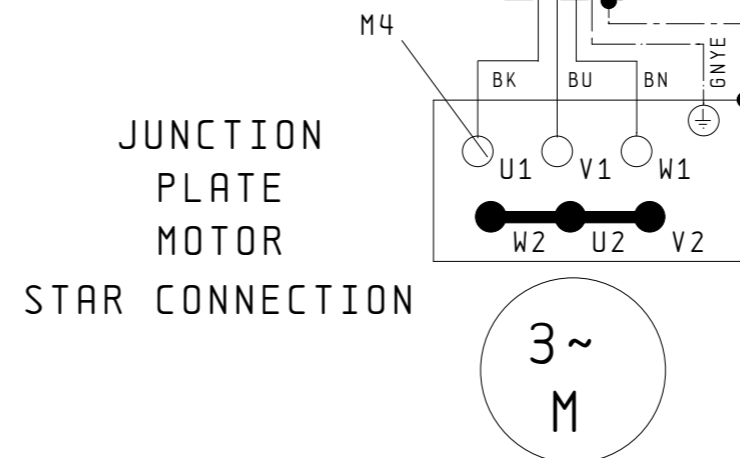
FEMALE

MALE



CABLE TYPE:
ÖLFLEX CLASSIC 110CY-G
4 x 1,5 mm² + SH

- 1 => BK
- 2 => BU
- 3 => BN
- PE=> GNYE
- SH=> SHIELD



CONNECTION ON MOTOR
CABLE END CA. 10CM TO STRIP
BK, BU, BK UND BN OF CA. 8CM CAT UP
NOT GNYE
ALL WIRE WITH EYELET EQUIPPED
HOLE DIAMETER 4,2MM

=WIRP1+VORORT
-M01 - M04

Date	14.02.06	Merlin Gerin	Schneider Electric	DP CANopen OPTIMIZED	CABLE-AND PLUG PRODUCTION HAN 6 + SH	Drawing number	= LAYP	
User.	hoe	Square D		MP&A/AD&S		33003614	+ LAY	
Check.		Telemecanique		Created by.		LAY 17	Pa. 17	
Change	Date	Name	Stand.	First.	Created for		DCO	26 Bl.

CABLE PRODUCTION FOR MOTORS

CABLE LENGTH CA 2M

SOCKET ON CABINET

WITH CRIMPCONTACTS 1,5mm² FEMALE

PLUG AT CABLE

WITH CRIMPCONTACTS 1,5mm² MALE

ARTICLE HAN 6

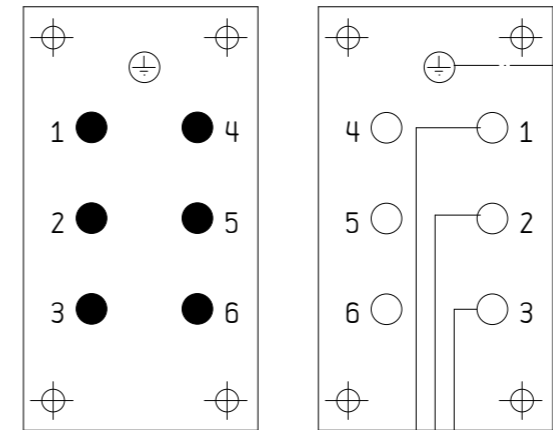
Pc..	Cat. no.	DESCRIPTION
1	09 30 006 0302	HOUSING BASE
1	09 33 006 2702	FEMALE CONTACTS (INSERT)
6	09 33 000 6204	BUSH INSERT CRIMP (1,5MM ²)
1	09 33 006 2602	MALE INSERT
6	09 33 000 6104	FEMALE CONTACTS CRIMP (1,5MM ²)
1	09 33 000 0442	HOUSING TOP (FOR PG21)
1	09 30 006 5423	COVER PLATE
1	09 00 000 5168	SPECIAL CABLE GLAND
		PLASTIC, WITH TENSION RELEASE
		AND BEND PROTECTION CG21
1	09 00 000 5030	CUTTING OUT OF THE SEAL RING
2	09 33 000 9954	CODING PIN

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED

HAN 6

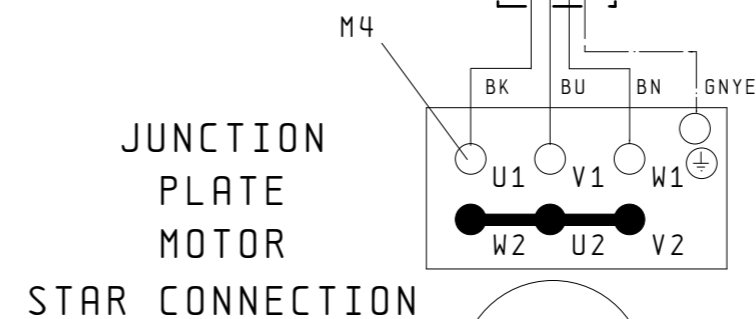
FEMALE

MALE



CABLE TYPE:
ÖLFLEX CLASSIC 110-G
4 x 1,5 mm²

- 1 => BK
- 2 => BU
- 3 => BN
- PE=> GNYE



CONNECTION ON MOTOR
CABLE END CA. 10CM TO STRIP
BK, BU, BK UND BN OF CA. 8CM CAT UP
NOT GNYE
ALL WIRE WITH EYELET EQUIPPED
HOLE DIAMETER 4,2MM

=WIRP4+VORORT
-M01 - M02

Date	14.02.06	Merlin Gerin	Schneider Electric	DP CANopen OPTIMIZED	CABLE-AND PLUG PRODUCTION HAN 6 6	Drawing number	= LAYP	
User.	hoe	Square D		MP&A/AD&S		33003614	+ LAY	
Check.		Telemecanique		Created for		LAY 18	Pa. 18	
Change	Date	Name	Stand.	First.	Created by.		DCO	26 Bl.

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

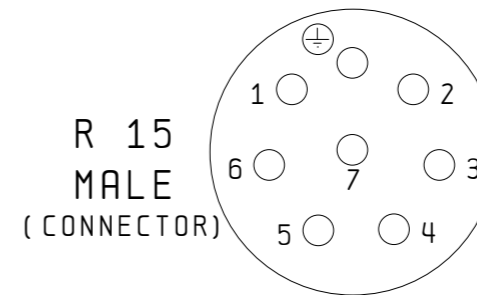
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

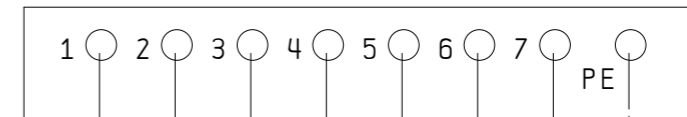
ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

Pc..	Cat. no.	DESCRIPTION
1	09 15 000 0101	SCREW-IN HOUSING 13,5 PG PLASTIC
1	09 15 000 0401	HOOT UPPER SIDE (PLASTIC)
1	09 15 000 5401	COVER SCREW MOUNTING
1	09 15 007 3101	BUSH INSERT (FEMALE)
8	09 15 000 6202	CRIMP FEMALE CONTACTS (1,5MM ² AG)
1	09 15 007 3001	MALE INSERT (M)
8	09 15 000 6102	CRIMP MALE CONTACTS (1,0MM ² AG)

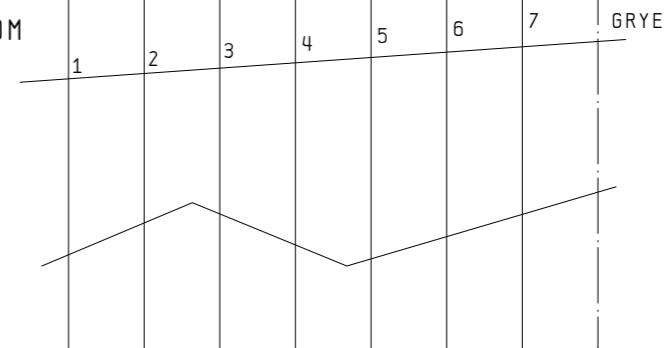
- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



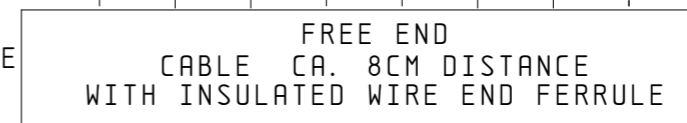
=WIRP1+COM
-XS01



=WIRP1+COM
-WS01



=WIRP1
+ON SITE
-A01



CABLE TYPE:
ÖLFLEX
CLASSIC 110-G
10 x 1,0 mm²
1 - 6 => BK
PE=> GRYE

Date	14.02.06		DP CANopen OPTIMIZED	CABLE-AND PLUG PRODUCTION	Drawing number	=LAYP	
User.	SEG		MP&A/AD&S		33003614	+LAY	
Check.			Created for		LAY 19	Pa. 19	
Change	Date	Name	Stand.	First.	Created by.	DCO	26 Bl.

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

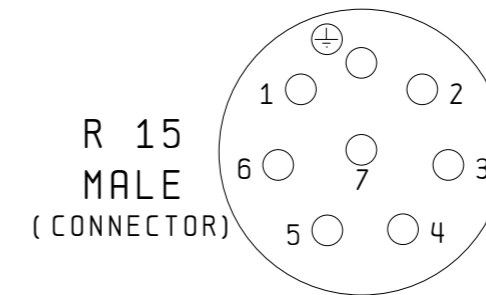
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

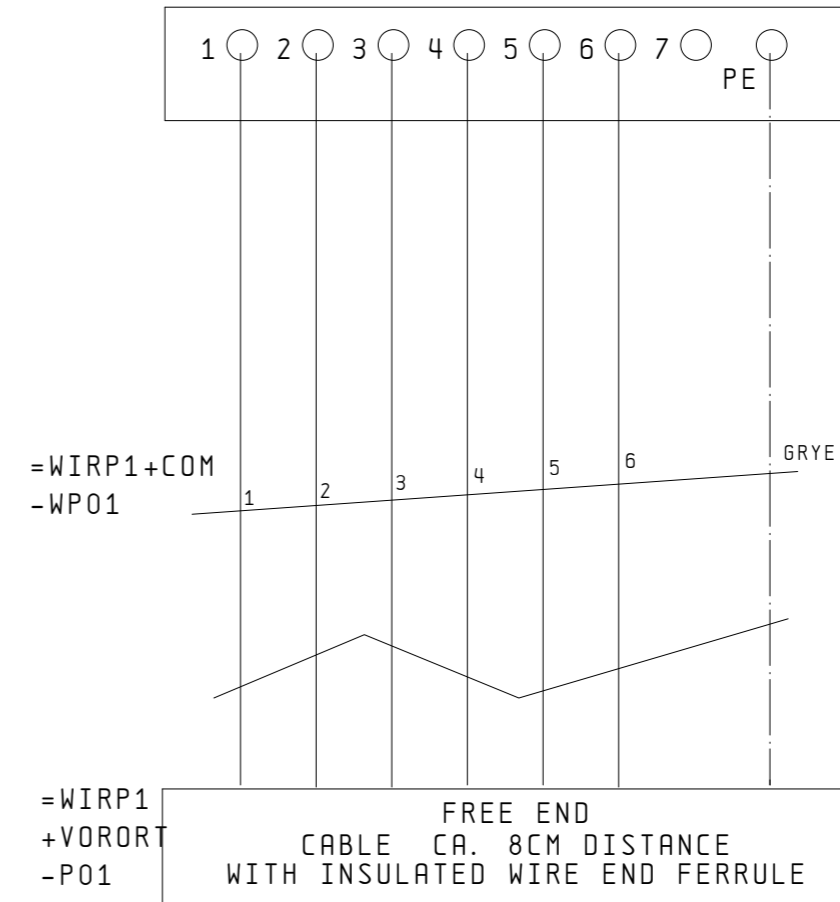
ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

Pc..	Cat. no.	DESCRIPTION
1	09 15 000 0101	SCREW-IN HOUSING 13,5 PG PLASTIC
1	09 15 000 0401	HOOT UPPER SIDE (PLASTIC)
1	09 15 000 5401	COVER SCREW MOUNTING
1	09 15 007 3101	BUSH INSERT (FEMALE)
8	09 15 000 6202	CRIMP FEMALE CONTACTS (1,5MM ² AG)
1	09 15 007 3001	MALE INSERT (M)
8	09 15 000 6102	CRIMP MALE CONTACTS (1,0MM ² AG)

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)
=WIRP1+COM
-XPO1



CABLE TYPE:
ÖLFLEX
CLASSIC 110-G
7 x 1,0 mm²
1 - 6 => BK
PE=> GRYE

Date	14.02.06		DP CANopen OPTIMIZED	CABLE-AND PLUG PRODUCTION	Drawing number	= LAYP		
User.	SEG				33003614	+ LAY		
Check.					LAY 20	Pa. 20		
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO	26 Bl.

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

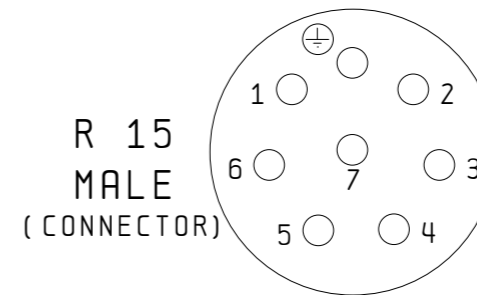
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

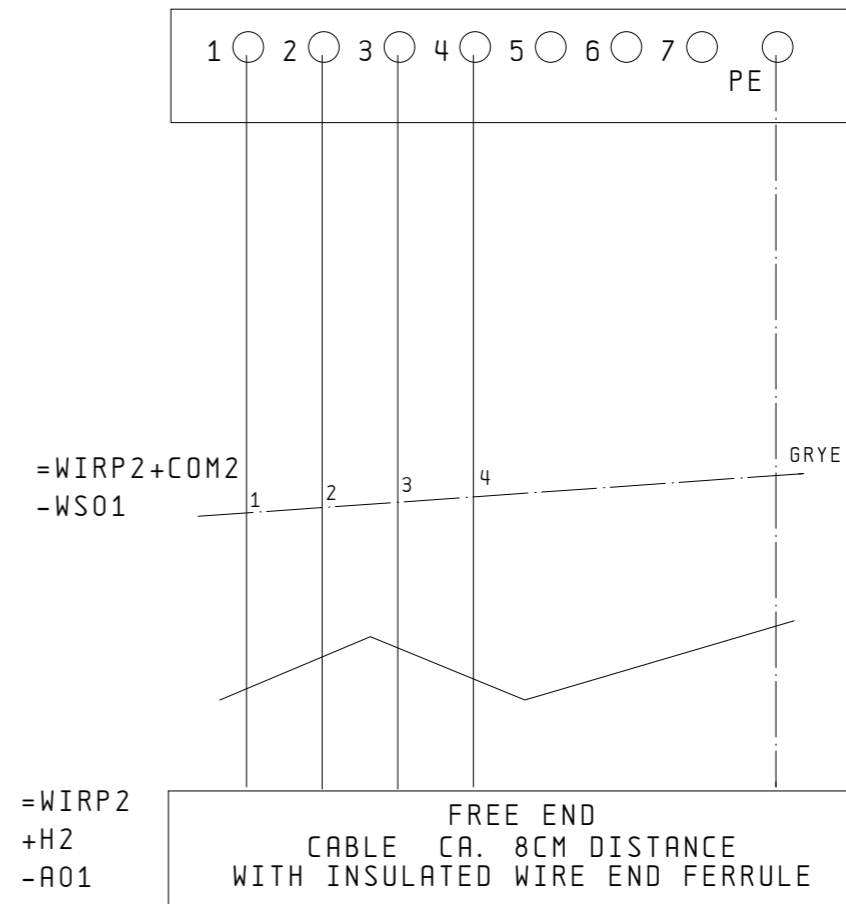
Pc..	Cat. no.	DESCRIPTION
1	09 15 000 0101	SCREW-IN HOUSING 13,5 PG PLASTIC
1	09 15 000 0401	HOOT UPPER SIDE (PLASTIC)
1	09 15 000 5401	COVER SCREW MOUNTING
1	09 15 007 3101	BUSH INSERT (FEMALE)
8	09 15 000 6202	CRIMP FEMALE CONTACTS (1,5MM ² AG)
1	09 15 007 3001	MALE INSERT (M)
8	09 15 000 6102	CRIMP MALE CONTACTS (1,0MM ² AG)

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)

=WIRP2+COM2
-XS01



CABLE TYPE:
ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

Date	14.02.06		DP CANopen OPTIMIZED	CABLE-AND PLUG PRODUCTION	Drawing number	= LAYP	
User.	SEG		MP&A/AD&S		33003614	+ LAY	
Check.			Created for		LAY 21	Pa. 21	
Change	Date	Name	Stand.	First.	Created by.	DCO	26 Bl.

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

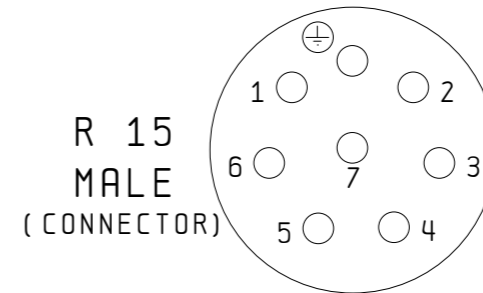
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

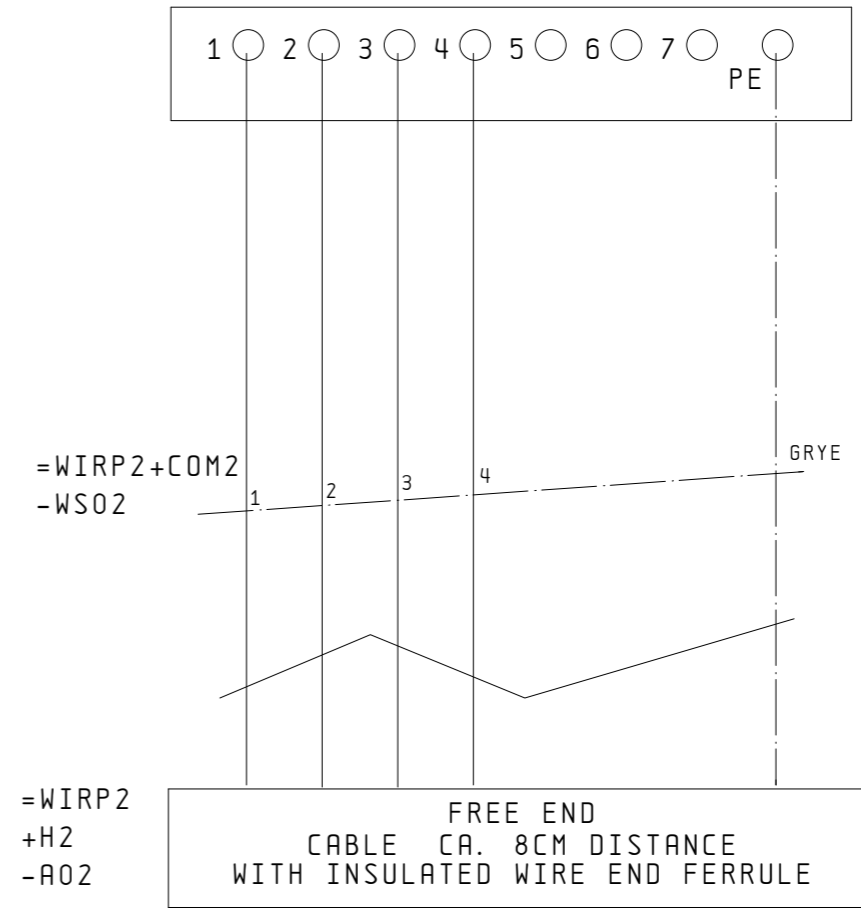
ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

Pc..	Cat. no.	DESCRIPTION
1	09 15 000 0101	SCREW-IN HOUSING 13,5 PG PLASTIC
1	09 15 000 0401	HOOT UPPER SIDE (PLASTIC)
1	09 15 000 5401	COVER SCREW MOUNTING
1	09 15 007 3101	BUSH INSERT (FEMALE)
8	09 15 000 6202	CRIMP FEMALE CONTACTS (1,5MM ² AG)
1	09 15 007 3001	MALE INSERT (M)
8	09 15 000 6102	CRIMP MALE CONTACTS (1,0MM ² AG)

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)
=WIRP2+COM2
-XS02



CABLE TYPE:
ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

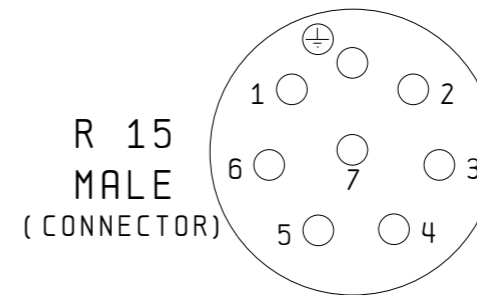
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

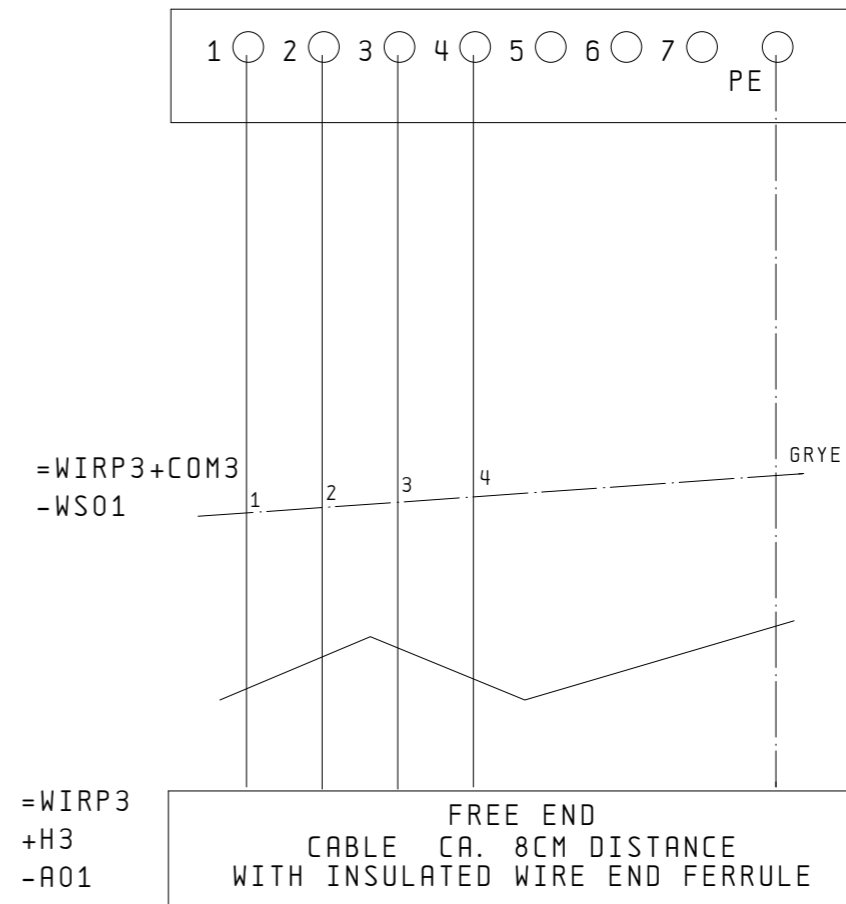
Pc..	Cat. no.	DESCRIPTION
1	09 15 000 0101	SCREW-IN HOUSING 13,5 PG PLASTIC
1	09 15 000 0401	HOOT UPPER SIDE (PLASTIC)
1	09 15 000 5401	COVER SCREW MOUNTING
1	09 15 007 3101	BUSH INSERT (FEMALE)
8	09 15 000 6202	CRIMP FEMALE CONTACTS (1,5MM ² AG)
1	09 15 007 3001	MALE INSERT (M)
8	09 15 000 6102	CRIMP MALE CONTACTS (1,0MM ² AG)

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)

=WIRP3+COM3
-XS01



CABLE TYPE:

ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

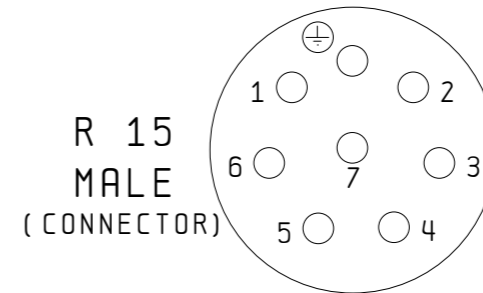
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

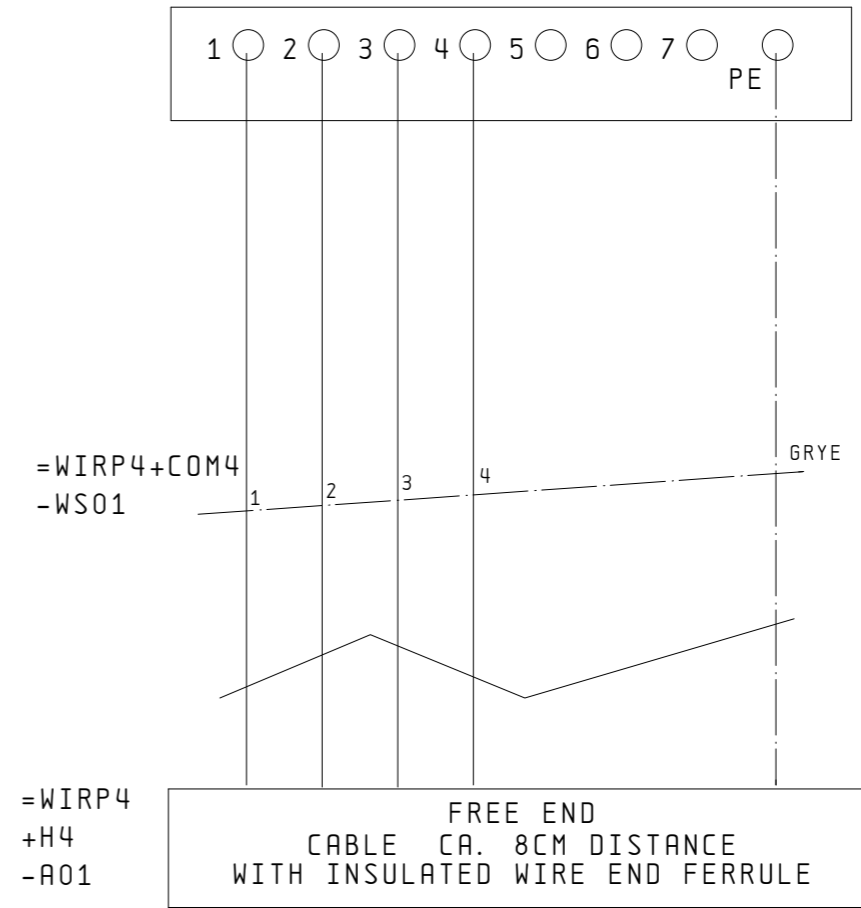
ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

Pc..	Cat. no.	DESCRIPTION
1	09 15 000 0101	SCREW-IN HOUSING 13,5 PG PLASTIC
1	09 15 000 0401	HOOT UPPER SIDE (PLASTIC)
1	09 15 000 5401	COVER SCREW MOUNTING
1	09 15 007 3101	BUSH INSERT (FEMALE)
8	09 15 000 6202	CRIMP FEMALE CONTACTS (1,5MM ² AG)
1	09 15 007 3001	MALE INSERT (M)
8	09 15 000 6102	CRIMP MALE CONTACTS (1,0MM ² AG)

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



R 15
MALE
(CONNECTOR)
=WIRP4+COM4
-XS01



CABLE TYPE:
ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

Date	14.02.06		DP CANopen OPTIMIZED	CABLE-AND PLUG PRODUCTION	Drawing number	= LAYP	
User.	SEG		MP&A/AD&S		33003614	+ LAY	
Check.			Created for		LAY 24	Pa. 24	
Change	Date	Name	Stand.	First.	Created by.	DCO	26 Bl.

CABLE PRODUCTION FOR EQUIPMENT CONNECTION

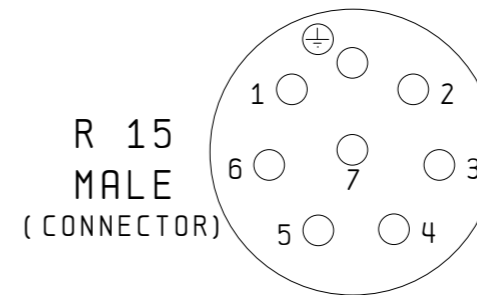
CABLE LENGTH CA 4M

WITH CRIMPCONTACTS 1,0mm² FEMALE
WITH CRIMPCONTACTS 1,0mm² MALE

ARTICLE R 15
CONCENTRIC PLUG-AND-SOCKET
CRIMP CONNECTION

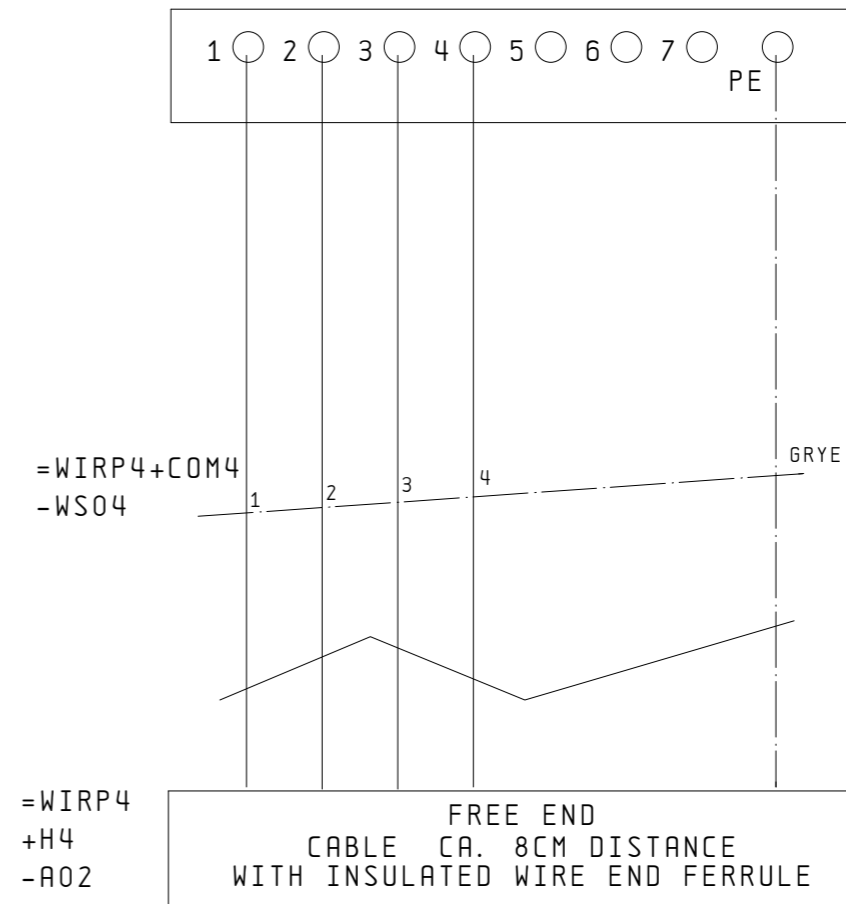
Pc..	Cat. no.	DESCRIPTION
1	09 15 000 0101	SCREW-IN HOUSING 13,5 PG PLASTIC
1	09 15 000 0401	HOOT UPPER SIDE (PLASTIC)
1	09 15 000 5401	COVER SCREW MOUNTING
1	09 15 007 3101	BUSH INSERT (FEMALE)
8	09 15 000 6202	CRIMP FEMALE CONTACTS (1,5MM ² AG)
1	09 15 007 3001	MALE INSERT (M)
8	09 15 000 6102	CRIMP MALE CONTACTS (1,0MM ² AG)

- PIN
- SOCKET
- ◐ CODING PIN
- X PIN CONTACT NOT CLOGGED



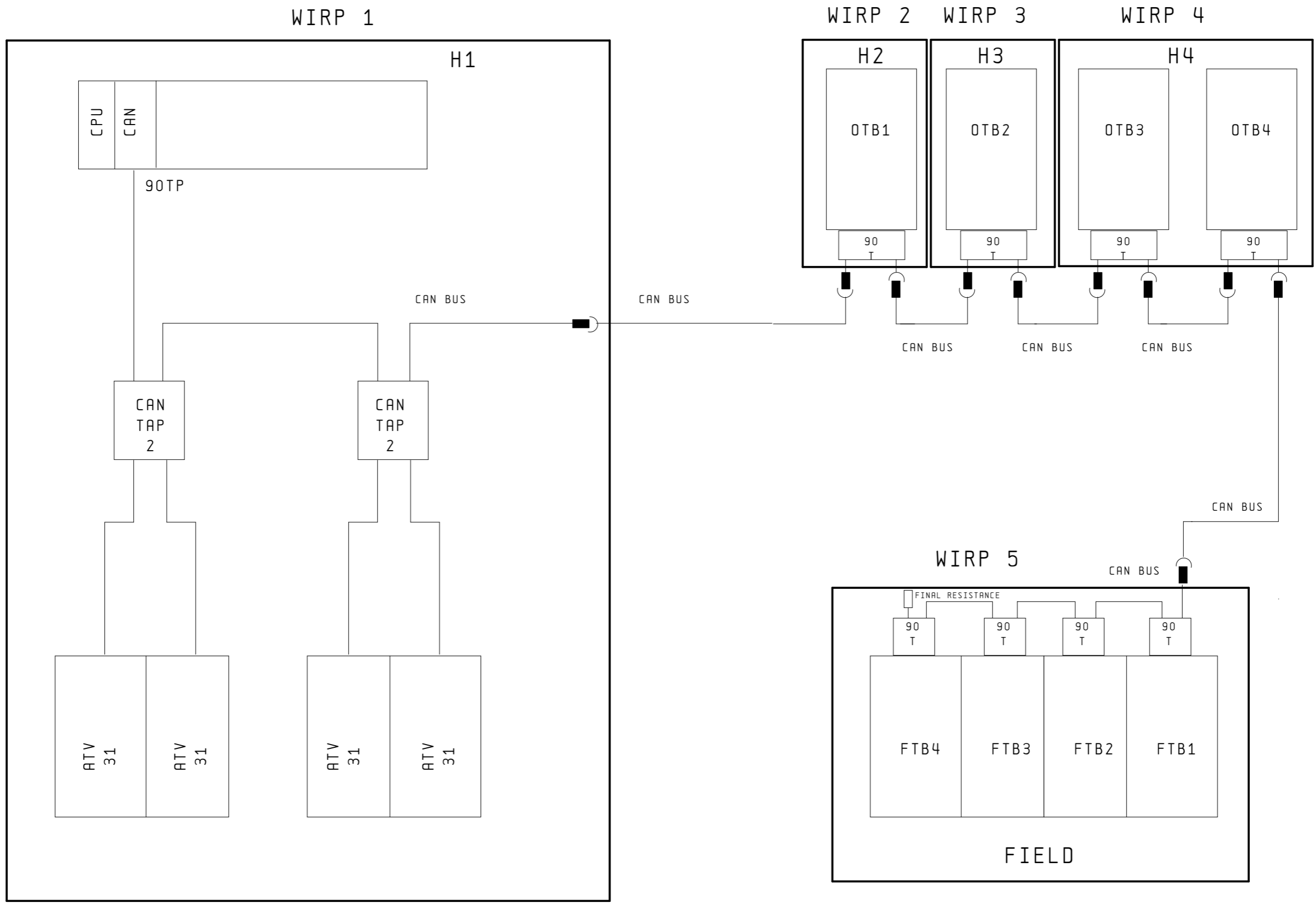
R 15
MALE
(CONNECTOR)

=WIRP4+COM4
-XS02

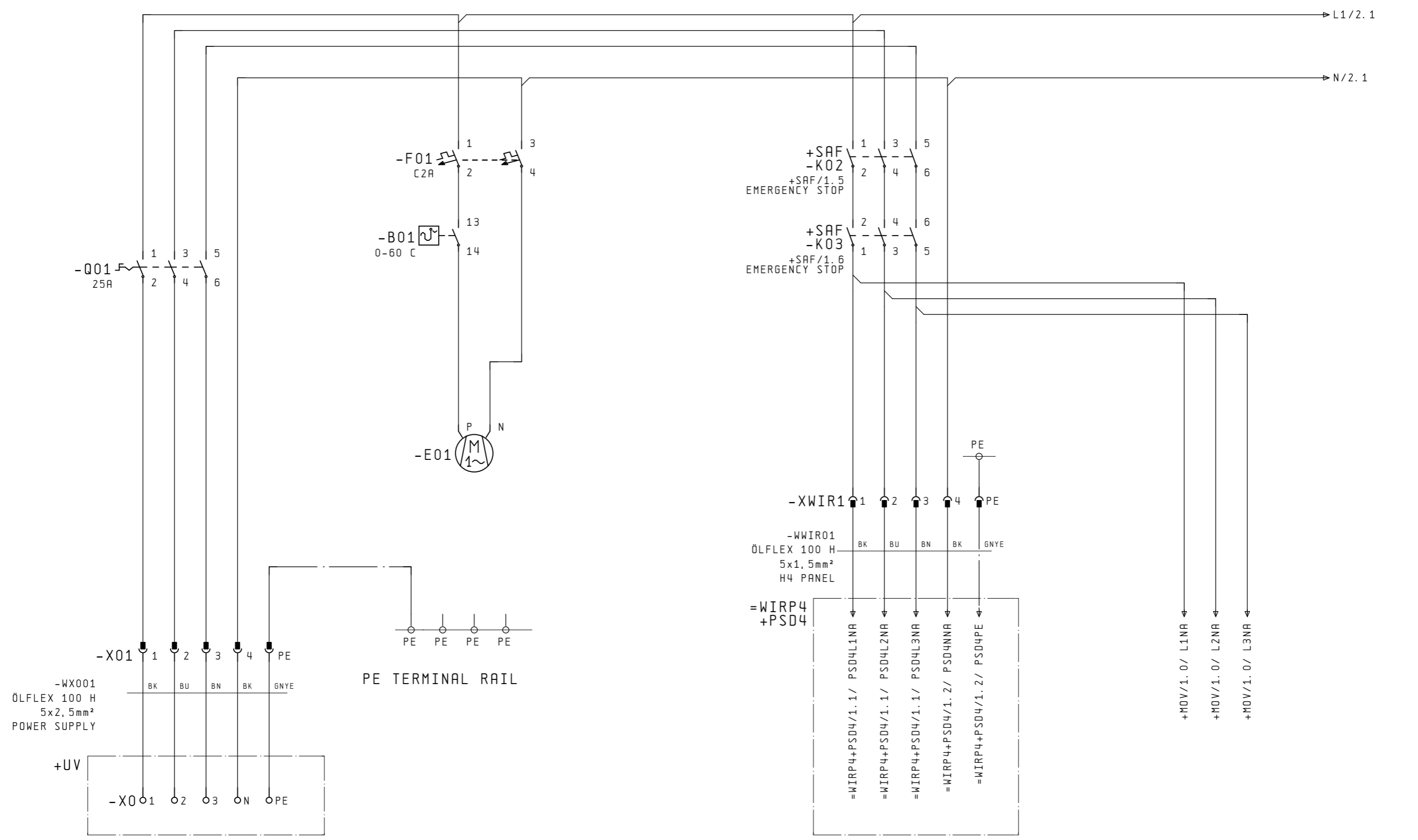


CABLE TYPE:
ÖLFLEX 100-H
5 x 1,0 mm²
1 => BK
2 => BN
3 => BK
4 => BU
PE=> GNYE

Date		14.02.06			DP CANopen OPTIMIZED		CABLE-AND PLUG PRODUCTION	Drawing number		= LAYP			
User.		SEG			MP&A/AD&S			33003614		+ LAY			
Check.					Created for			LAY 25		DCO		Pa. 25	
Change	Date	Name	Stand.	First.	Created by.	Created by.				26 Bl.			



Date		14.02.06			DP CANopen OPTIMIZED		CAN BUS OVERVIEW		Drawing number		= LAYP	
User.		SEG			MP&A/AD&S				33003614		+ LAY	
Check.					Created for		Created by.		LAY 26		Pa. 26	
Change	Date	Name	Stand.	First.	Created for	Created by.						26 Bl.



POWER SUPPLY
LOCAL FUSE MAX. 16A

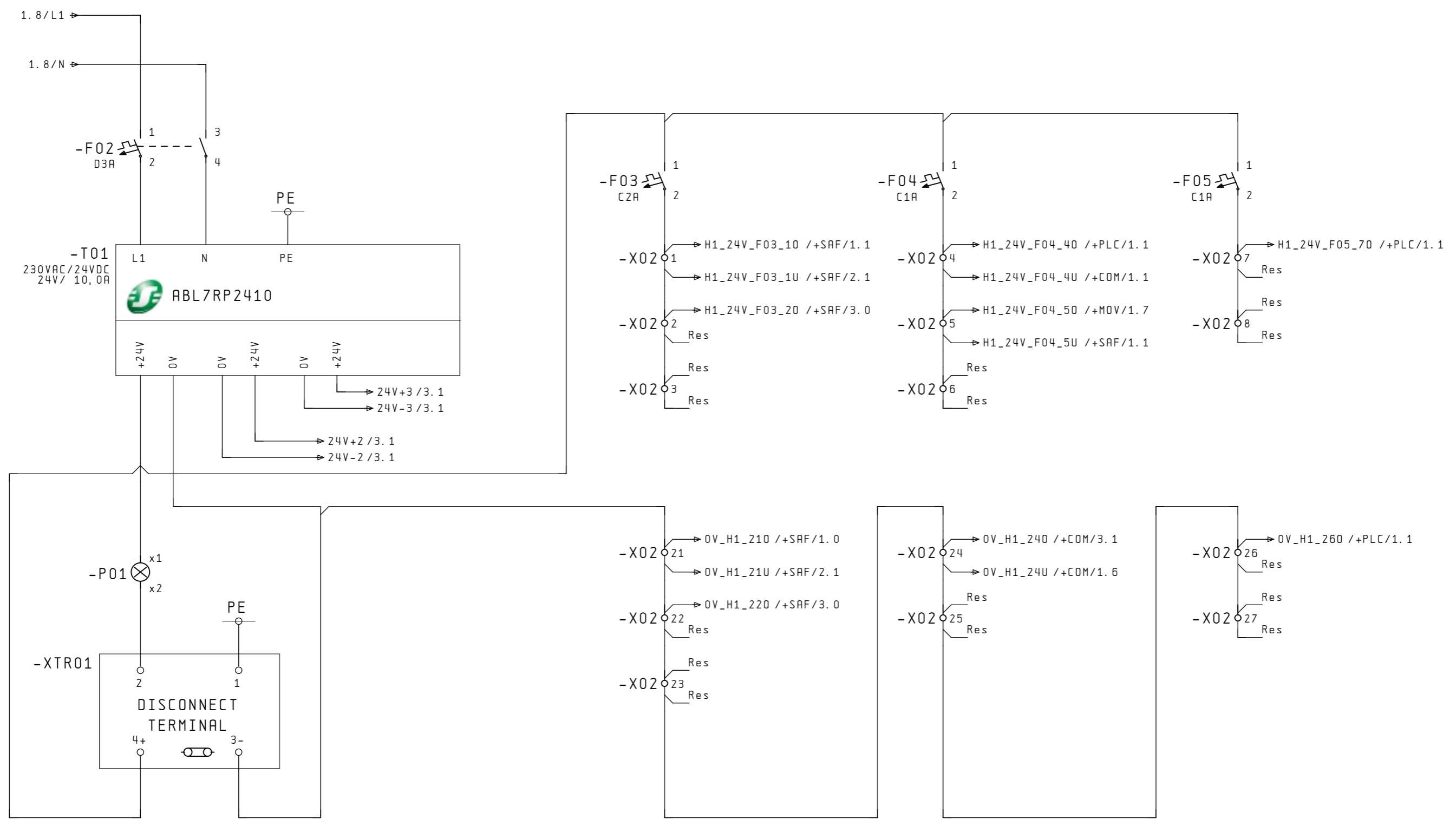
CABINET FAN CABINET FAN

CABINET +H4 SOFT
STARTER

=LAYP+LAY/26

2

Change	Date	Name	Date	14.02.06	Merlin Gerin Square D Telemecanique	Schneider Electric	DP CANopen OPTIMIZED MP&A/AD&S	POWER SUPPLY	Drawing number	= WIRP1	
			Stand.	hoe					33003614	+PSD	Pa.
			First.			Created for	Created by.	PSD 1	DCO		3 Bl.

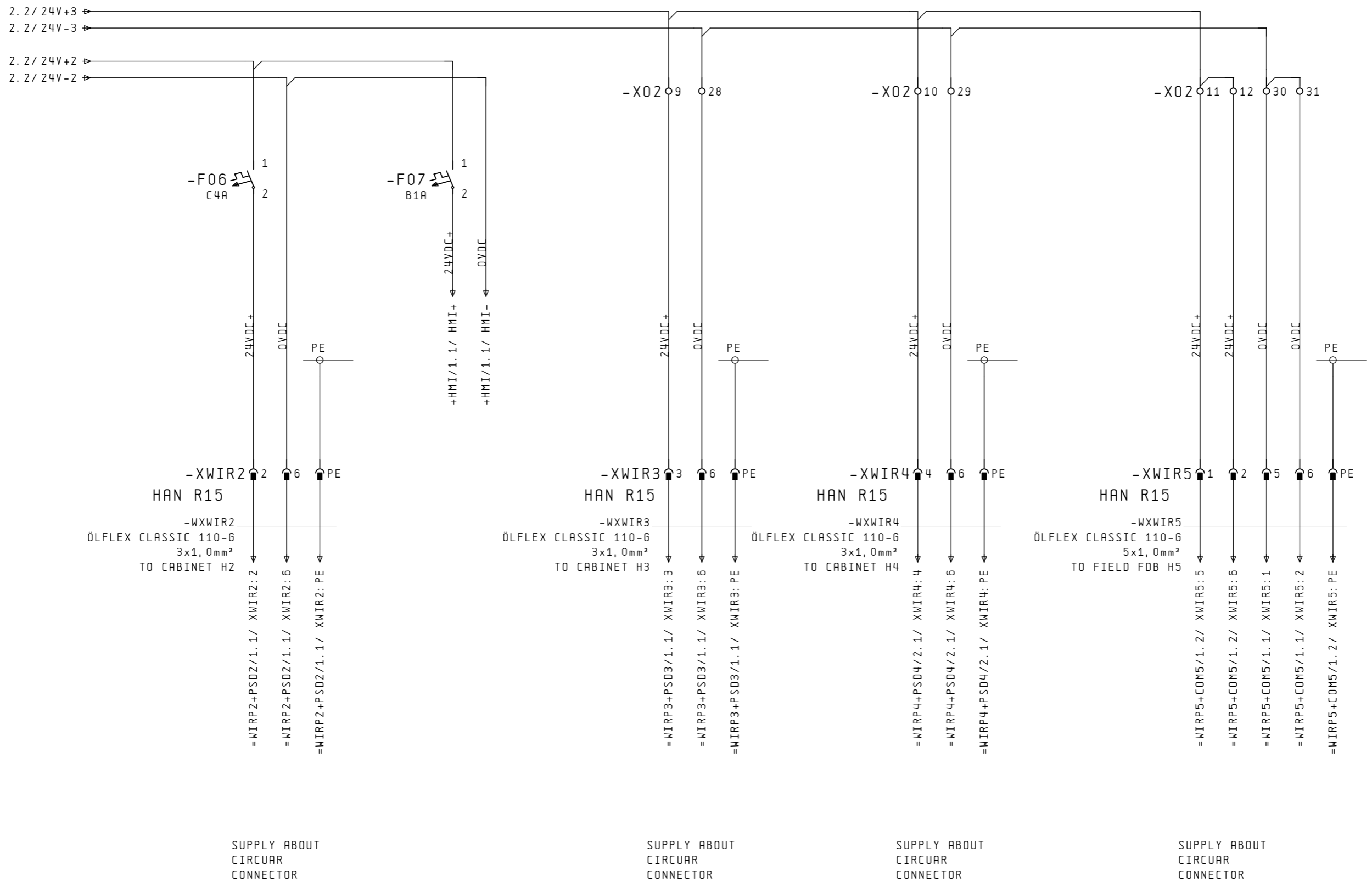


POWER SUPPLY

24VDC
CAN

24VDC
MAIN
SPS

Date		14.02.06			DP CANopen OPTIMIZED		VOLTAGE SUPPLY 24V DC		Drawing number		= WIRP1	
User.		hoe			MP&A/AD&S				33003614		+ PSD	
Check.					Created for		Created by.		PSD 2		Pa. 2	
Change	Date	Name	Stand.	First.	Created for	Created by.			DCO		3 Bl.	



SUPPLY ABOUT
CIRCUAR
CONNECTOR

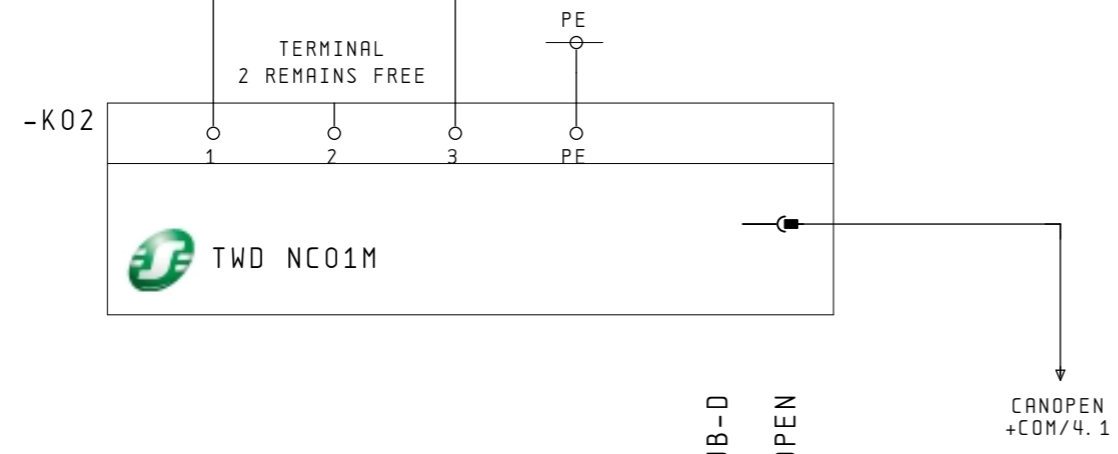
SUPPLY ABOUT
CIRCUAR
CONNECTOR

SUPPLY ABOUT
CIRCUAR
CONNECTOR

SUPPLY ABOUT
CIRCUAR
CONNECTOR

Date		14.02.06			DP CANopen OPTIMIZED		VOLTAGE SUPPLY 24V DC		Drawing number		= WIRP1	
User.		hoe			MP&A/AD&S				33003614		+ PSD	
Check.					Created for		Created by.		PSD 3		Pa. 3	
Change	Date	Name	Stand.	First.	Created for	Created by.			DCO		3 B1.	

1.8/ H1_24V_F05_70
 1.8/ OV_H1_260

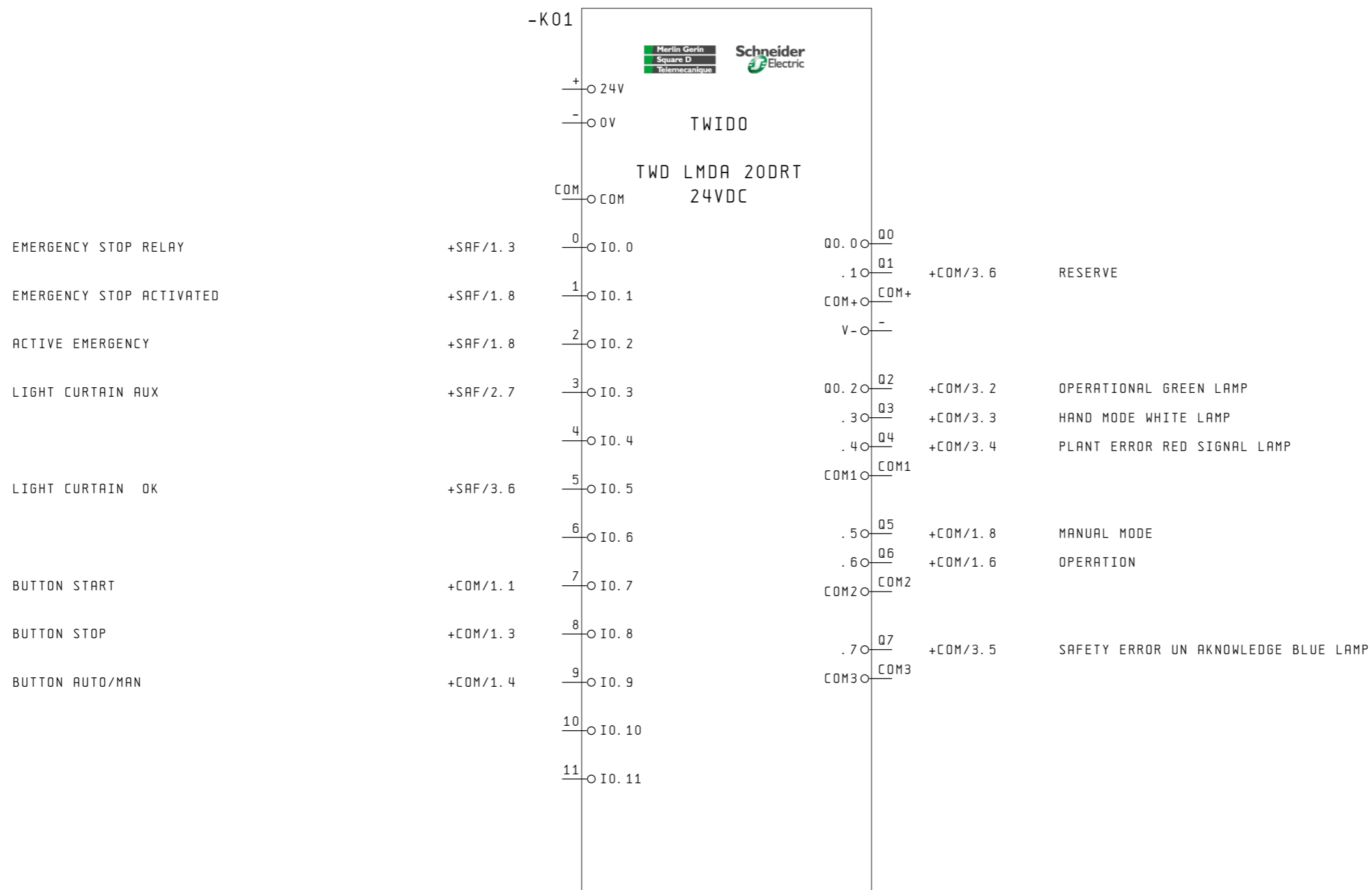


9POL. SUB-D
 CANOPEN

CANOPEN
 MASTER

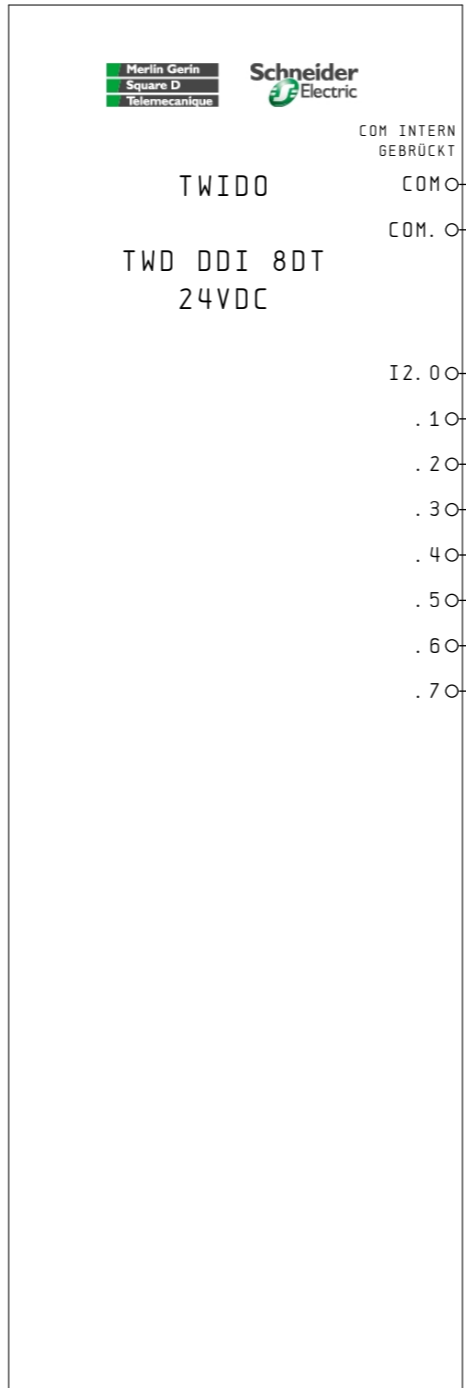
9POL.
 SUB-D

CANOPEN	
1	-
2	CAN_L
3	CAN_GND
4	-
5	CAN_SHD
6	GND
7	CAN_H
8	COMMON
9	CAN_V+



Date	14.02.06		DP CANopen OPTIMIZED	TWIDO PLC IN/ OUTPUT	Drawing number	= WIRP1	
User.	hoe		MP&A/AD&S		33003614	+ PLC	
Check.			Created for		PLC 5	Pa. 5	
Change	Date	Name	Stand.	First.	Created by.	DCO	6 Bl.

-K03



COM INTERN
GEBRÜCKT

COM COM
COM. COM

I2.0 0
.1 1
.2 2
.3 3
.4 4
.5 5
.6 6
.7 7

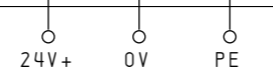
+MOV/1.8	MOTOR PROTECTION SWITCH DRIVE 1
+MOV/2.8	MOTOR PROTECTION SWITCH DRIVE 2
+MOV/3.8	MOTOR PROTECTION SWITCH DRIVE 3
+MOV/4.8	MOTOR PROTECTION SWITCH DRIVE 4

		Date	14.02.06		DP CANopen OPTIMIZED	TWIDO PLC IN/ OUTPUT	Drawing number	= WIRP1	
		User.	hoe		MP&A/AD&S		33003614	+PLC	
Change	Date	Name	Stand.		First.		Created for	Created by.	PLC 6

+PSD/3.3/HMI+

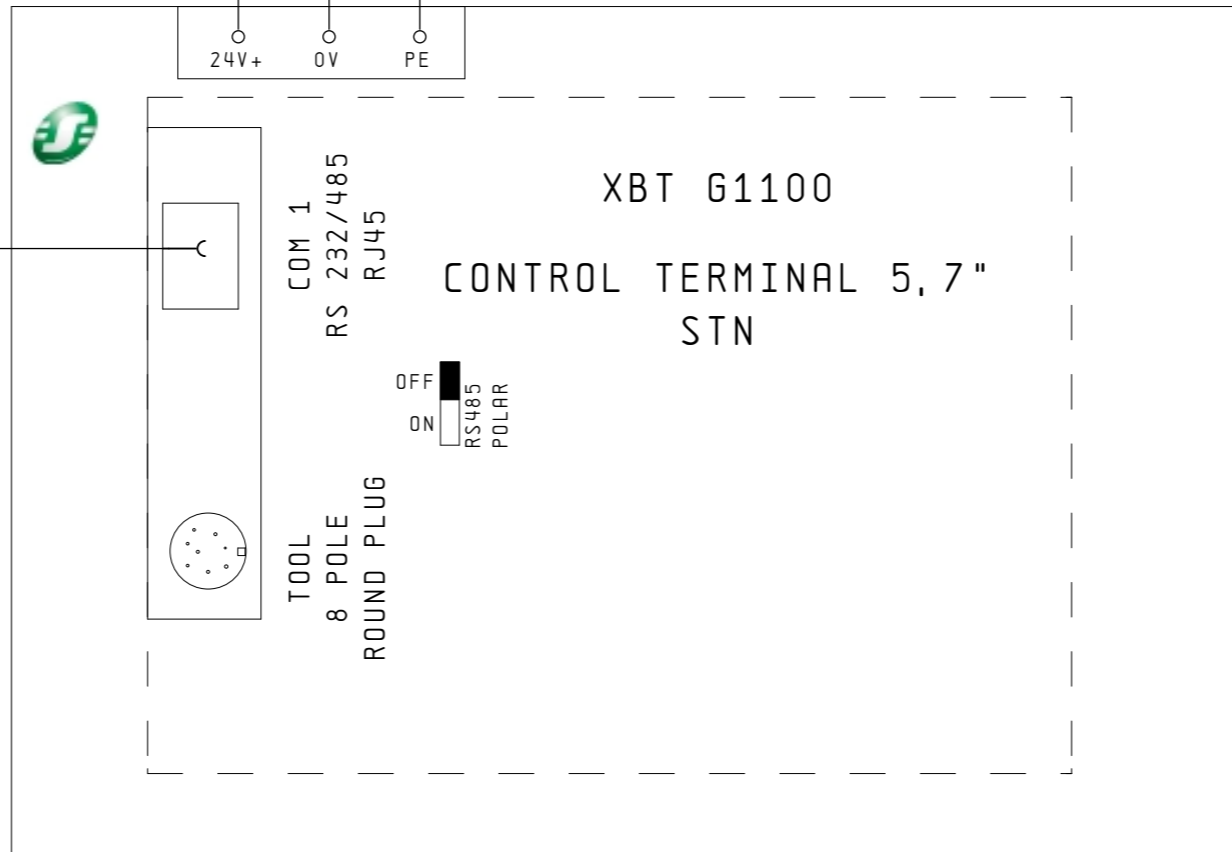
+PSD/3.3/HMI-

-P01
STN



PE

+PLC/1.7/MODBUS

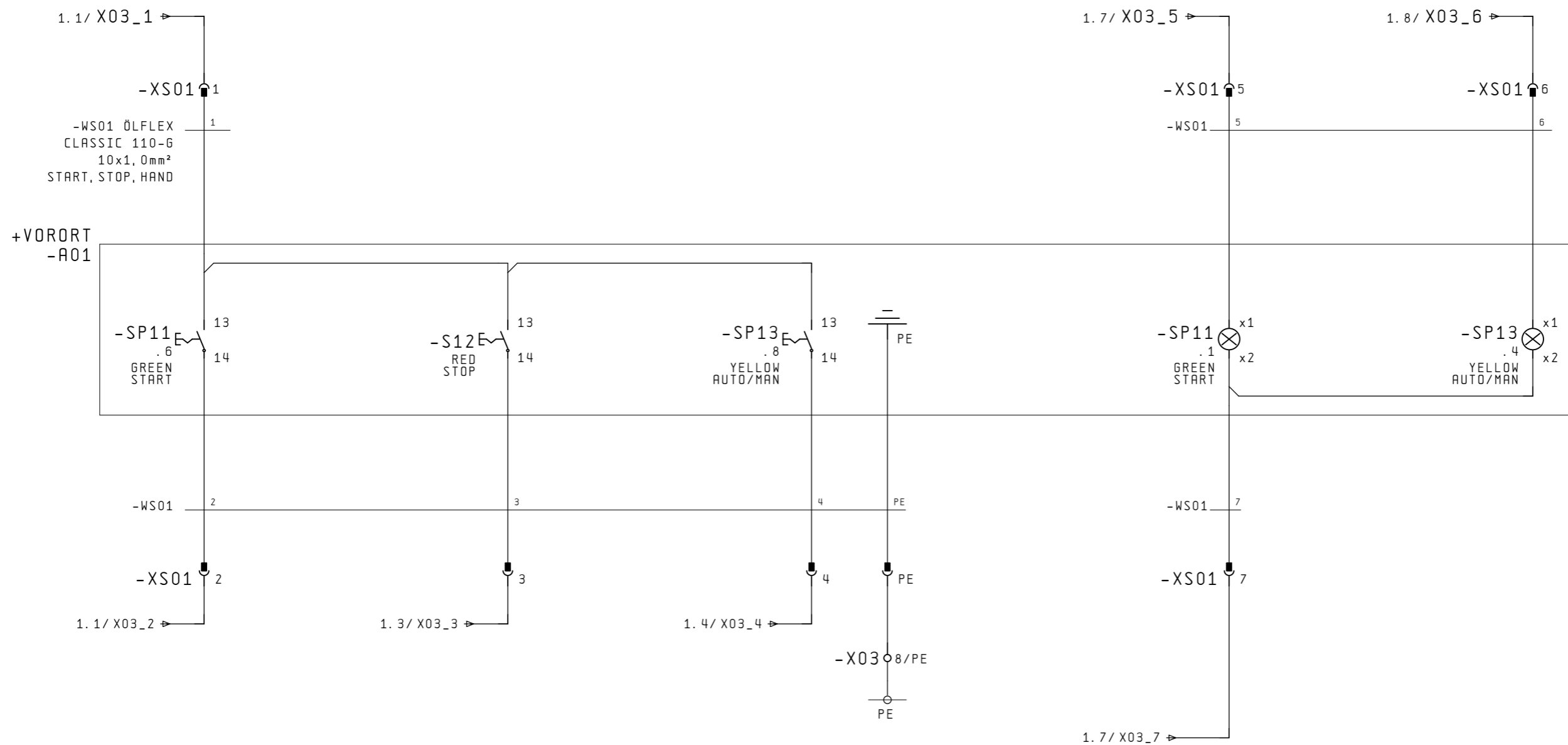


Operation terminal

+PLC/6

+COM/1

		Date	14.02.06			DP CANopen OPTIMIZED	TEXT DISPLAY CONTROLSYSTEM	Drawing number		= WIRP1		
		User.	hoe			33003614		+HMI				
		Check.				HMI 1		DCO		Pa.	1	
Change	Date	Name	Stand.	First.	Created for	Created by.			1 Bl.			



START

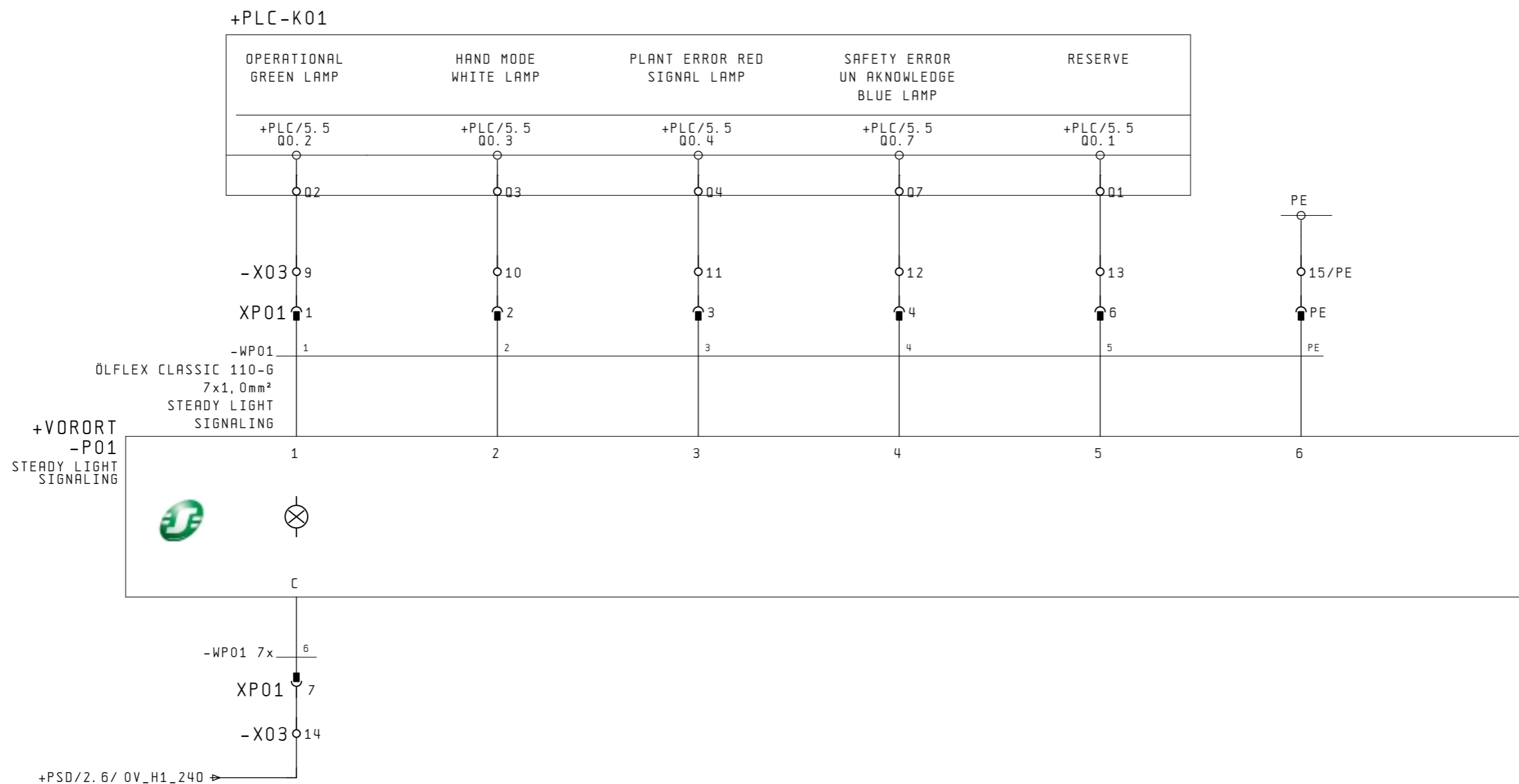
STOP

AUTO/ MAN

OPERATION

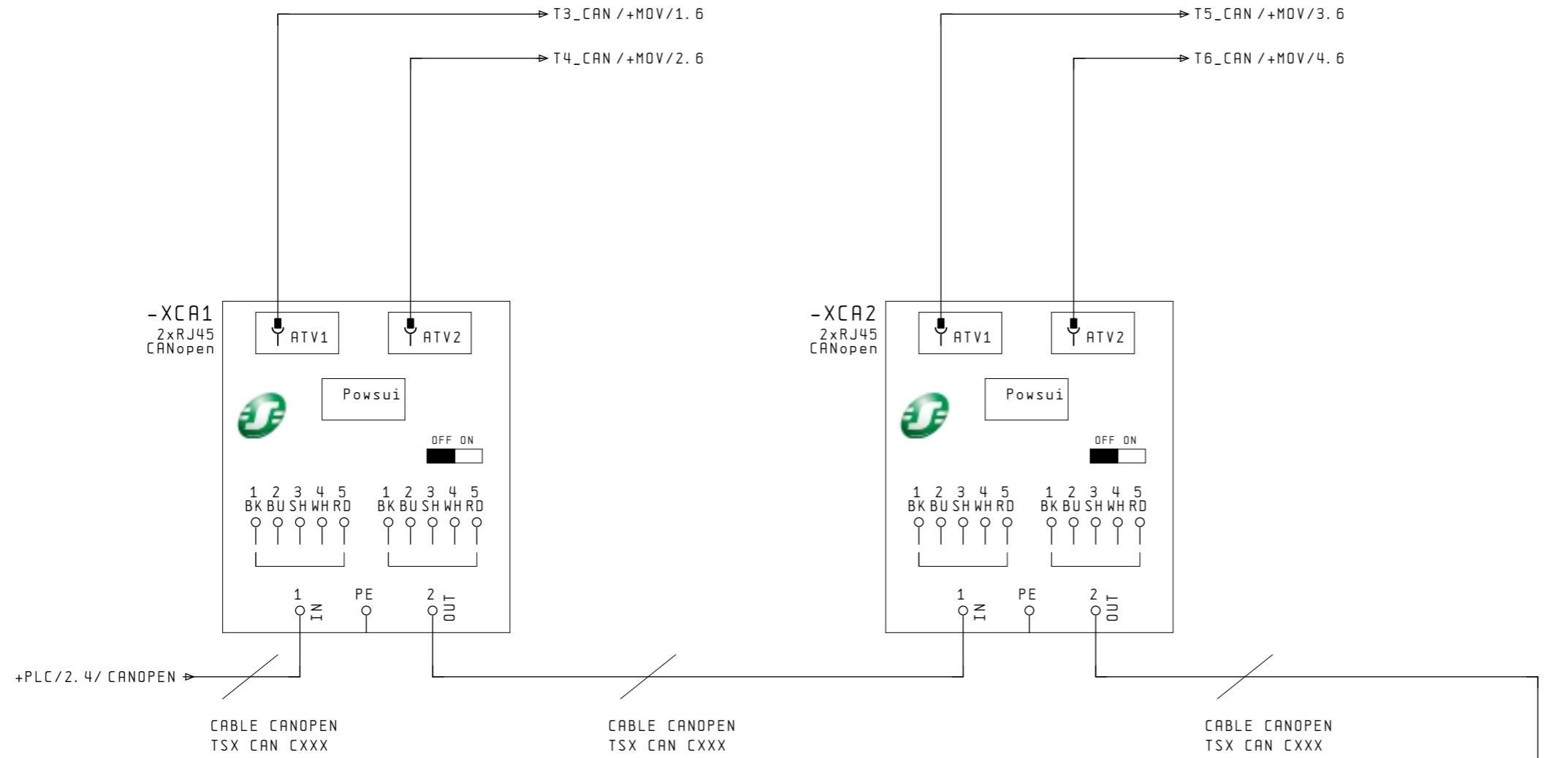
AUTO/ MAN

		Date	14.02.06		DP CANopen OPTIMIZED MP&A/AD&S	INPUT MODULE PLANT START ON SITE	Drawing number		= WIRP1			
		User.	hoe				33003614		+ COM			
		Check.					COM 2		DCO		Pa.	2
Change	Date	Name	Stand.	First.	Created for	Created by.			4 Bl.			



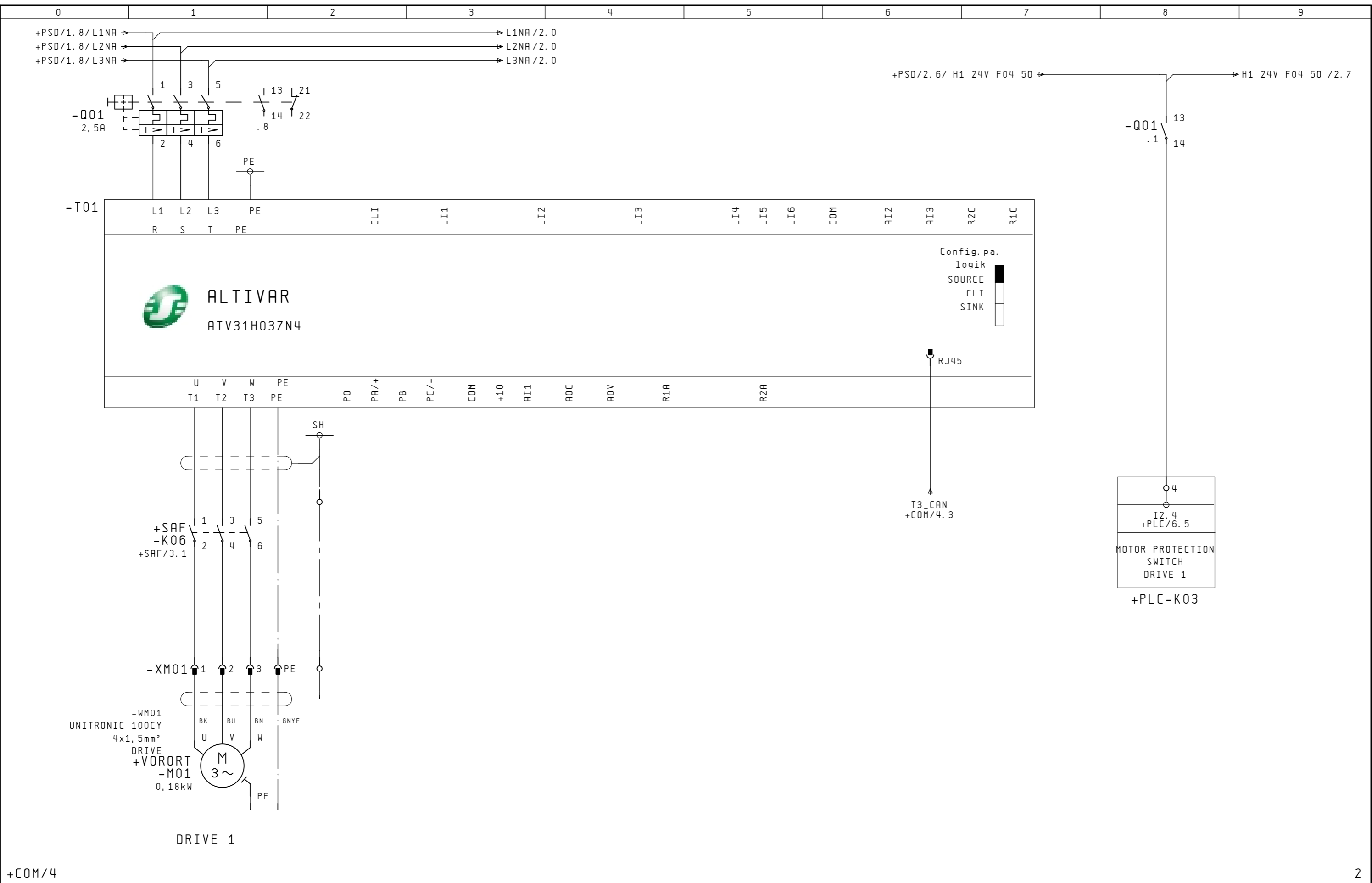
STEADY LIGHT SIGNALING

Date		14.02.06			DP CANopen OPTIMIZED MP&A/AD&S	INPUT MODULE PLANT START	Drawing number		= WIRP1			
User.		hoe					33003614		+ COM			
Check.							COM 3		DCO		Pa. 3	
Change	Date	Name	Stand.	First.	Created for	Created by.			4 Bl.			

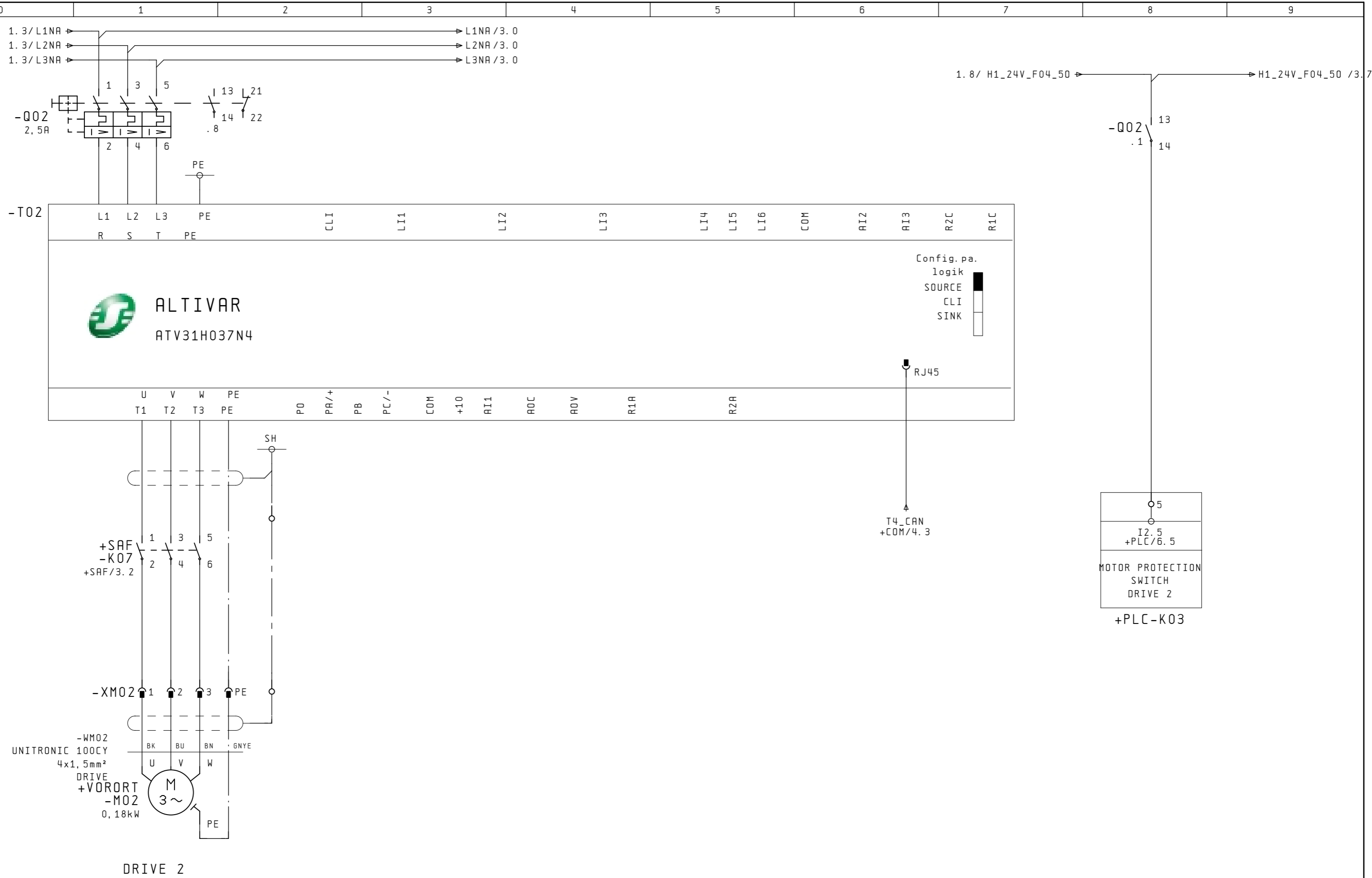


CONNECTION PLUG ARRANGEMENT (S4+S5)		
1 GND	BLACK	GROUND
2 CAN_L	BLUE	CAN_L BUS LINE
3 SHLD	(BARE CABLESHIELD)	OPTIONAL SHIELD
4 CAN_H	WHITE	CAN_H BUS LINE
5 (V+)	RED	OPTIONAL SUPPLY (1)

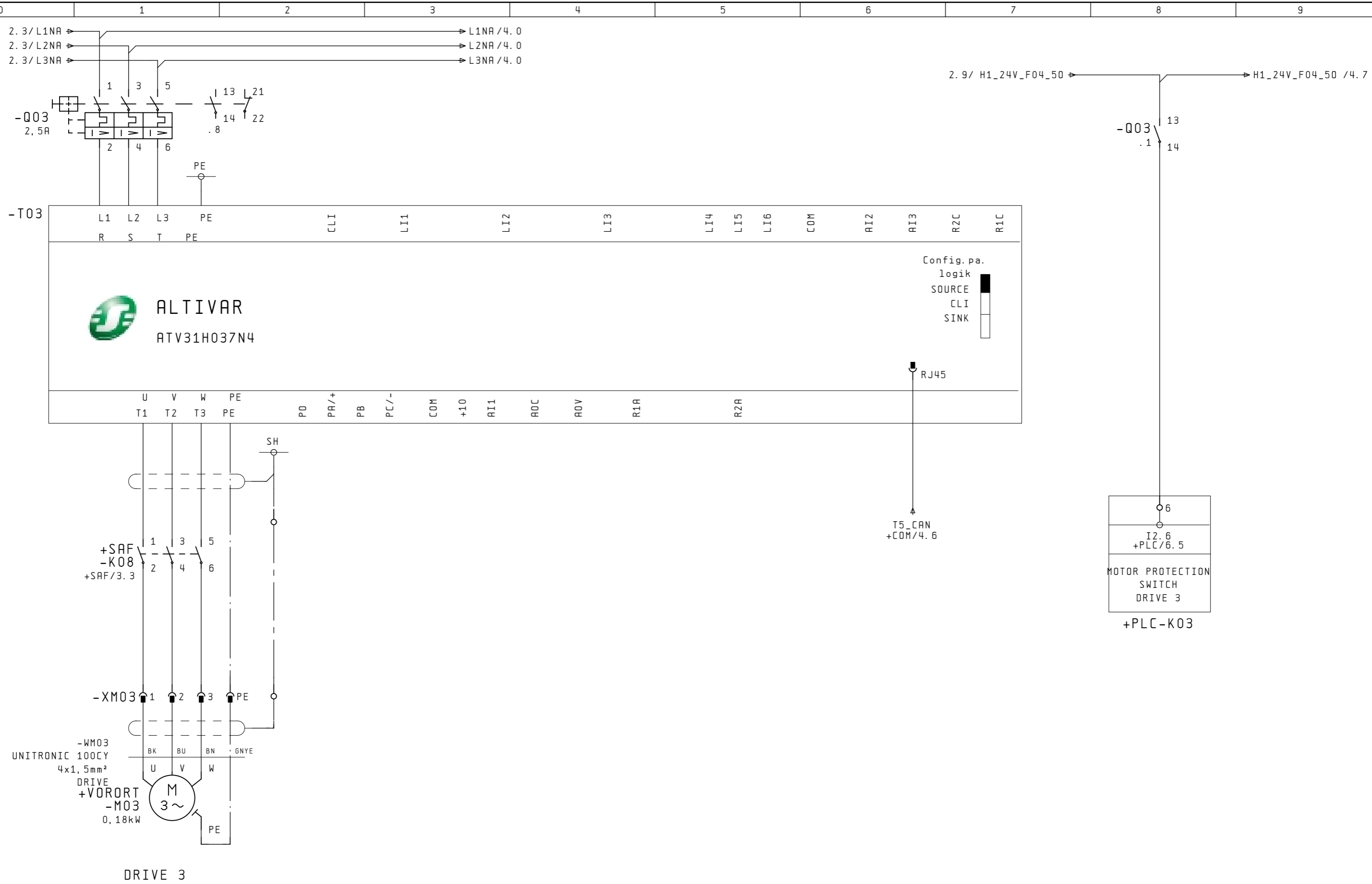
LOCEL CONTROL
H2, H3



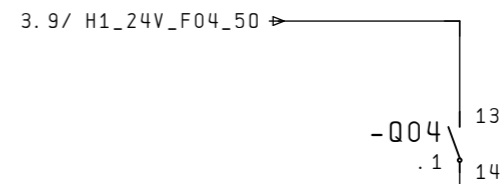
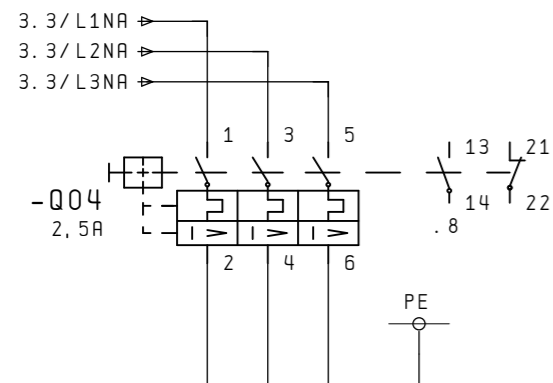
+COM/4		Date 14.02.06		Merlin Gerin		DP CANopen OPTIMIZED		SOFT START		Drawing number		= WIRP1	
		User. hoe		Square D		MP&A/AD&S		MOTOR 1		33003614		+MOV	
		Check.		Telemecanique		Created for		Created by.		MOV 1		DCO	
Change		Date		Name		Stand.		First.		Pa.		1	
										4 Bl.			



Date	14.02.06		DP CANopen OPTIMIZED	SOFT START MOTOR 2	Drawing number	= WIRP1
User.	hoe		MP&A/AD&S		33003614	+MOV
Check.			Created for		MOV 2	DCO
Change	Date	Name	Stand.	First.	Created by.	4 Bl.



Date		14.02.06			DP CANopen OPTIMIZED MP&A/AD&S	SOFT START MOTOR 3	Drawing number		= WIRP1			
User.		hoe					33003614		+ MOV			
Check.							MOV 3		DCO		Pa. 3	
Change	Date	Name	Stand.	First.	Created for	Created by.			4 Bl.			



-T04

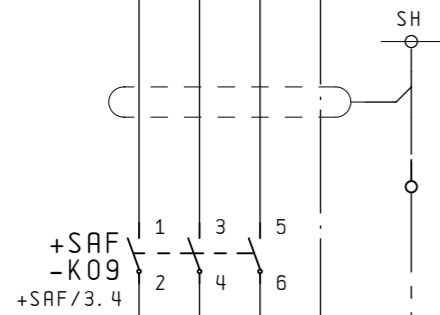
L1	L2	L3	PE	CLI	LI1	LI2	LI3	LI4	LI5	LI6	COM	AI2	AI3	R2C	R1C
R	S	T	PE												

ALTIVAR
ATV31H037N4

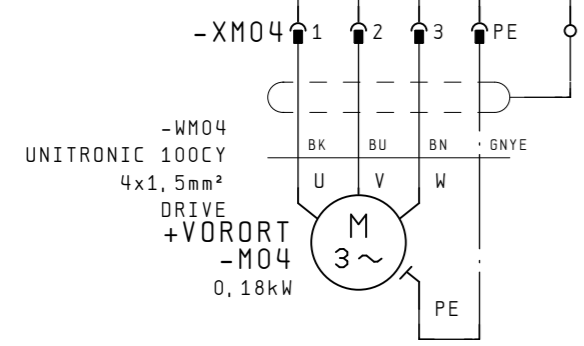
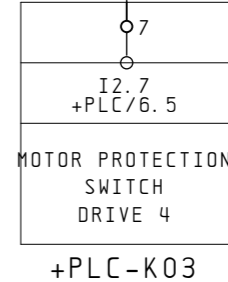
Config. pa.
logik SOURCE CLI SINK

RJ45

U	V	W	PE	PO	PA/+	PB	PC/-	COM	+10	AI1	AO1	AO2	R1A	R2A
T1	T2	T3	PE											

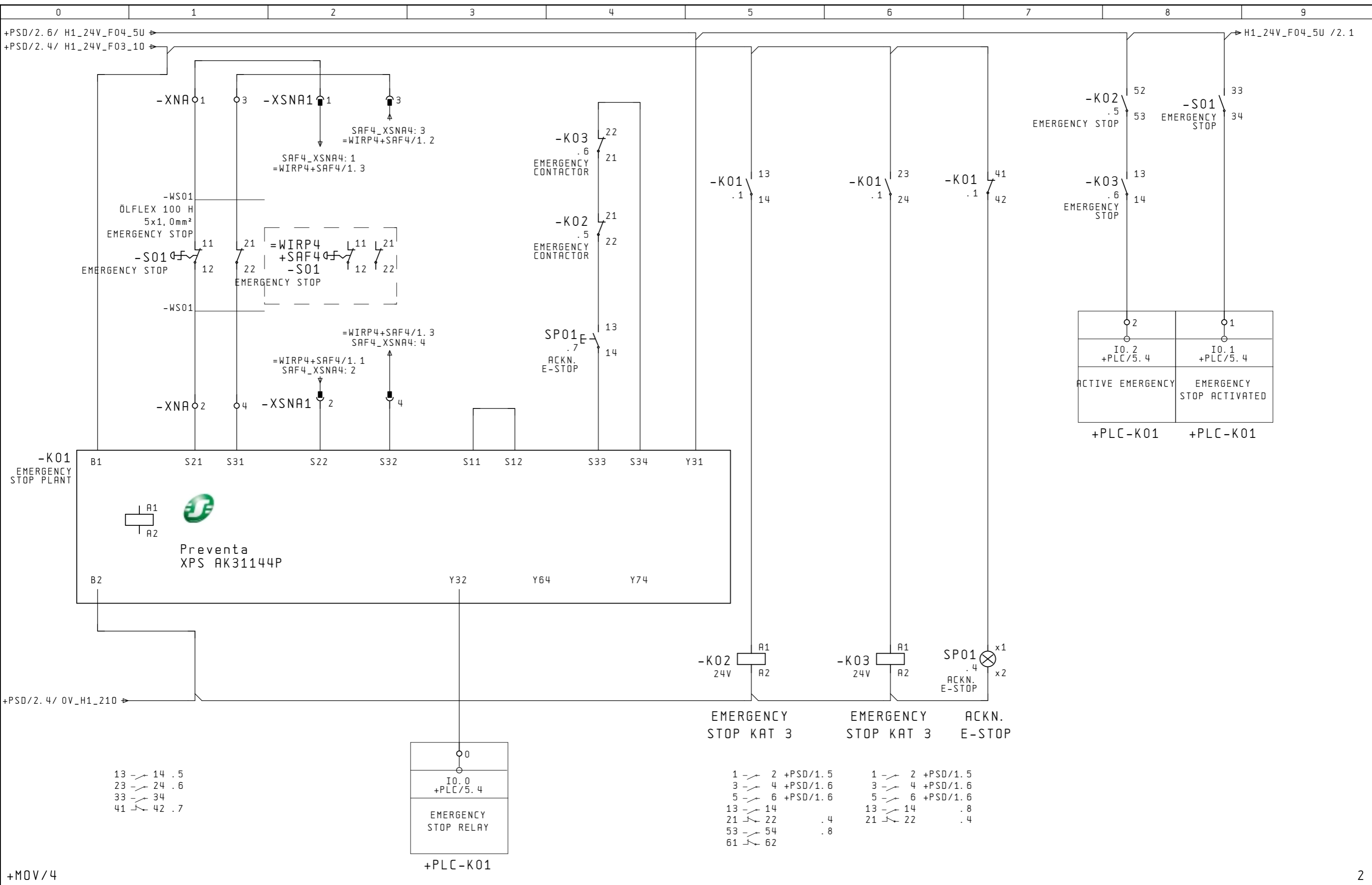


T6_CAN
+COM/4.6

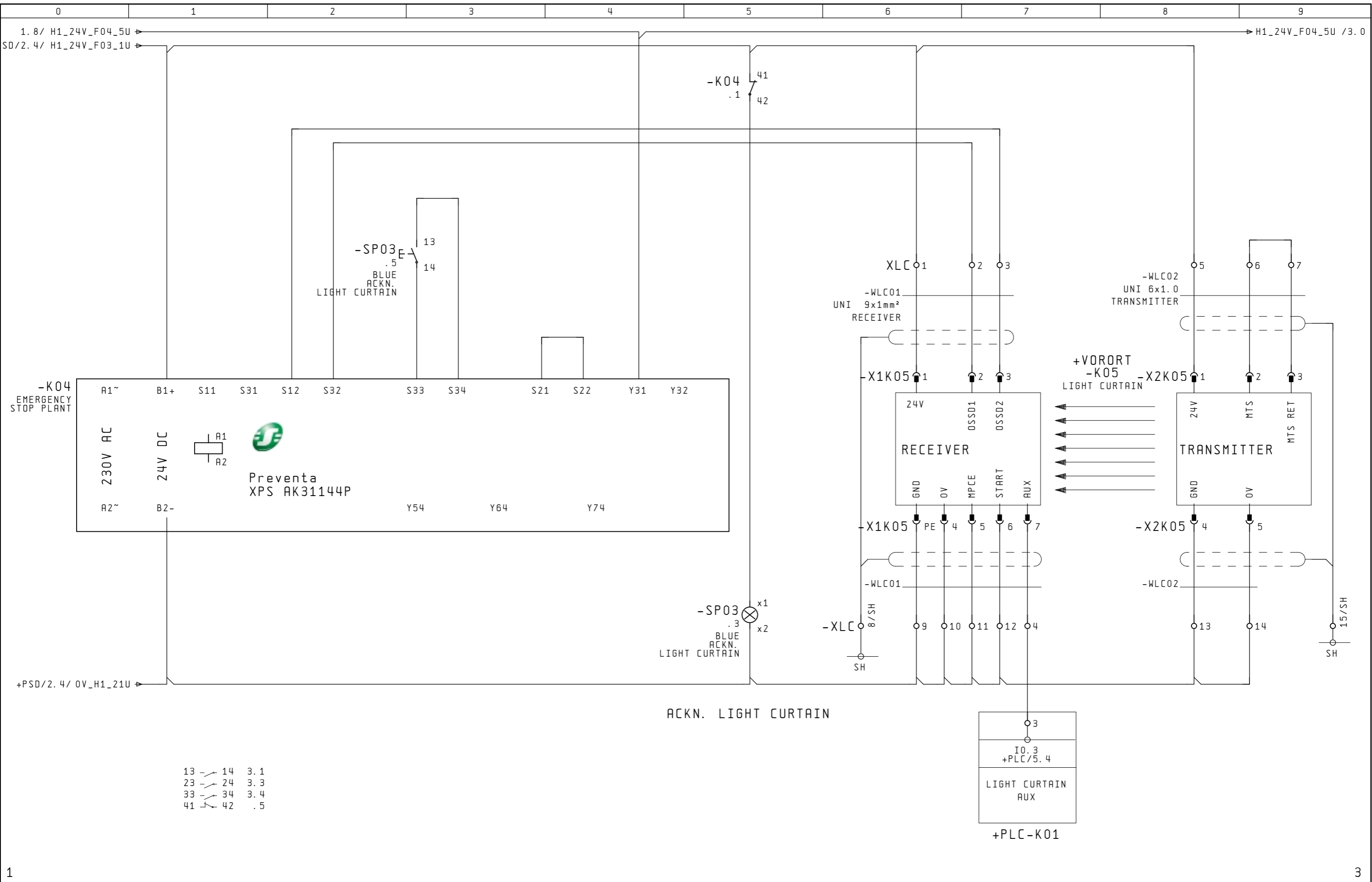


DRIVE 4

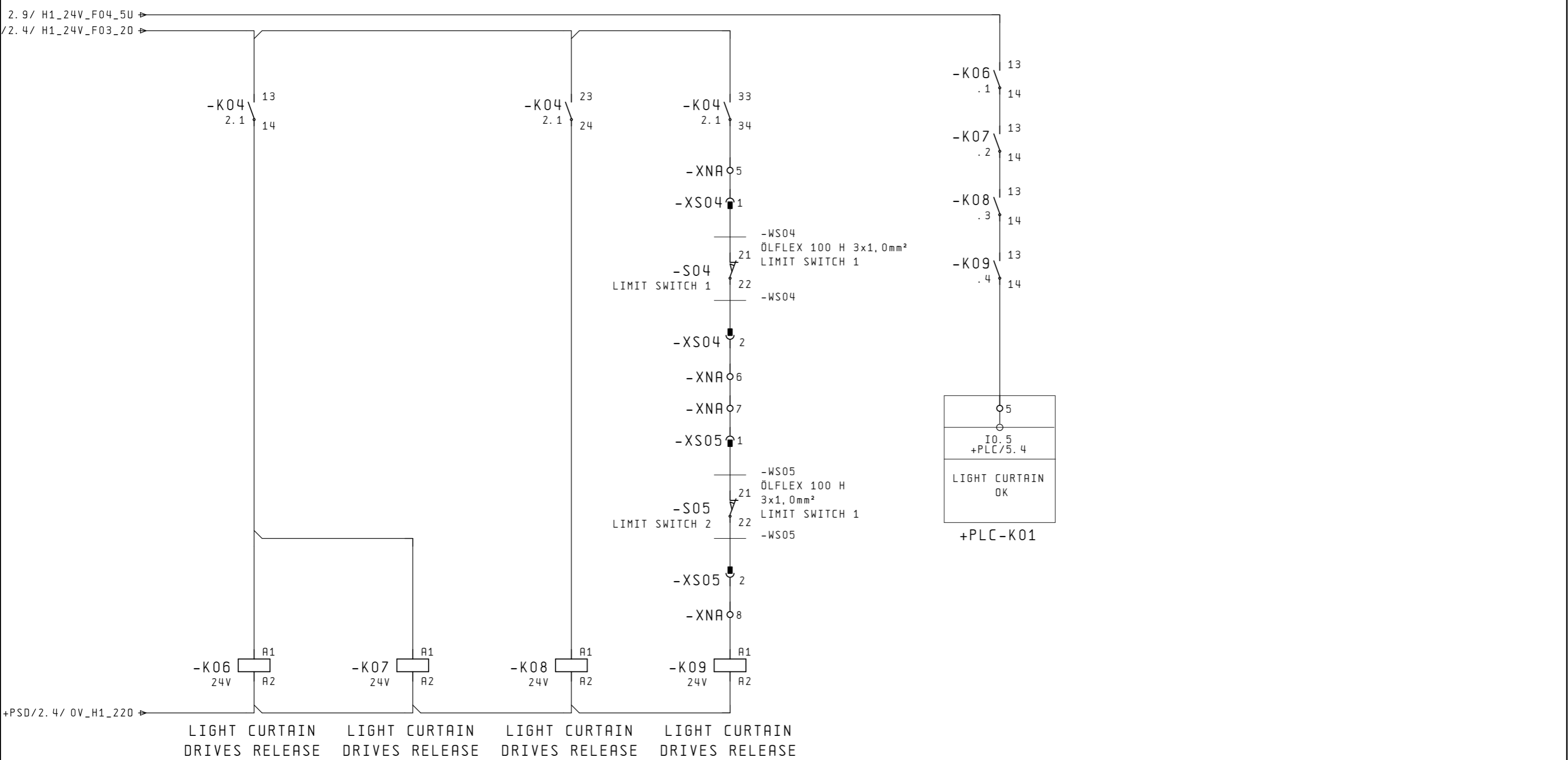
Date	14.02.06			DP CANopen OPTIMIZED	SOFT START MOTOR 4	Drawing number	= WIRP1
User.	hoe			MP&A/AD&S		33003614	+MOV
Check.				Created for		MOV 4	DCO
Change	Date	Name	Stand.	First.	Created by.		4 Bl.



+MOV/4		Date	14.02.06	Merlin Gerin	Schneider Electric	DP CANopen OPTIMIZED	EMERGENCY STOP KAT 3	Drawing number	= WIRP1	
		User.	hoe	Square D		MP&A/AD&S		33003614	+ SAF	
Change	Date	Name	Stand.	Telemecanique		Created for		Created by.	SAF 1	DCO
										3 Bl.

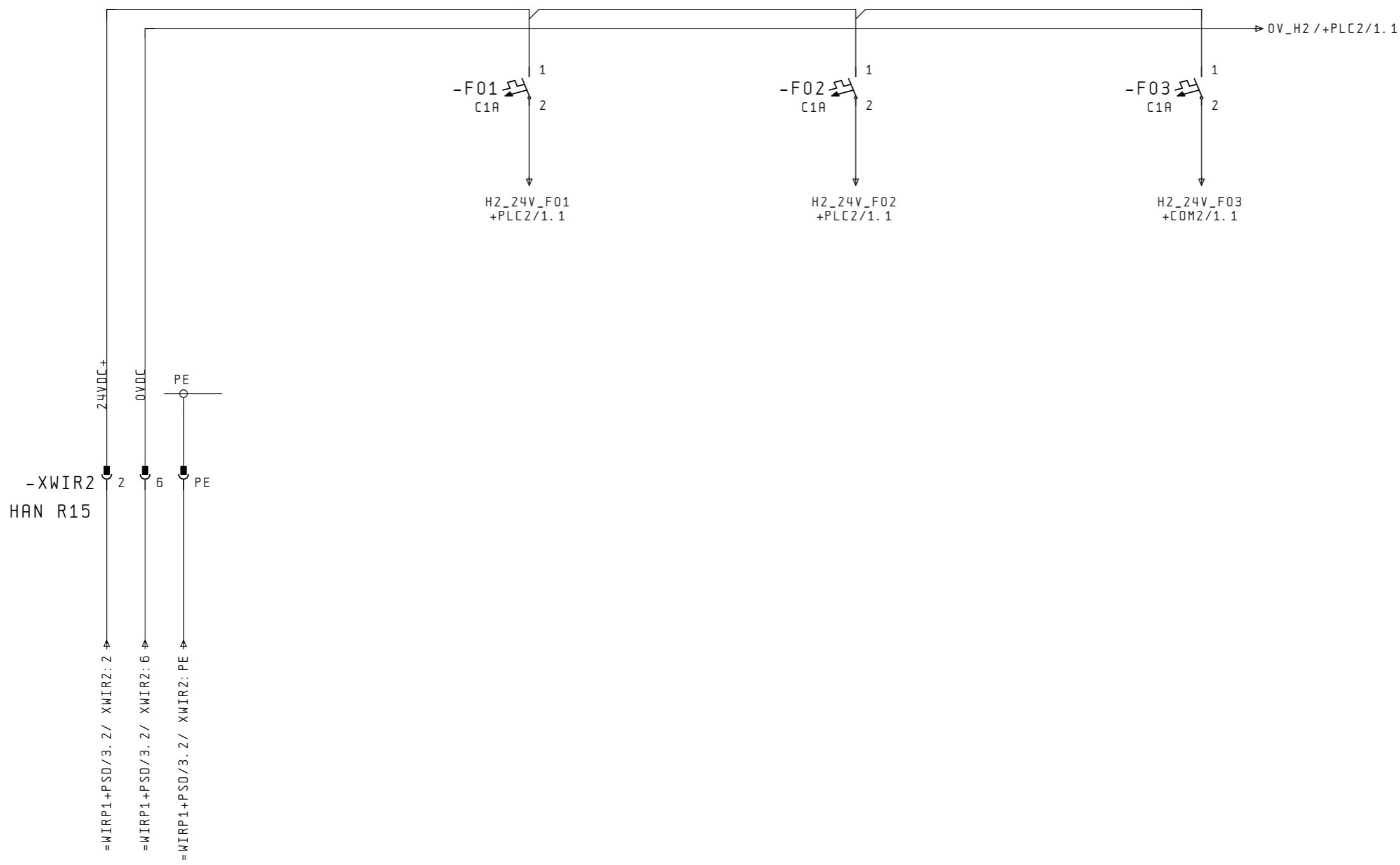


Date		14.02.06			DP CANopen OPTIMIZED		EMERGENCY STOP KAT 3		Drawing number		= WIRP1	
User.		hoe			MP&A/AD&S				33003614		+ SAF	
Check.					Created for		Created by.		SAF 2		Pa. 2	
Change	Date	Name	Stand.	First.	Created for	Created by.			DCO		3 Bl.	



- | | | | |
|----------------|----------------|----------------|----------------|
| 1 → 2 +MOV/1.1 | 1 → 2 +MOV/2.1 | 1 → 2 +MOV/3.1 | 1 → 2 +MOV/4.1 |
| 3 → 4 +MOV/1.1 | 3 → 4 +MOV/2.1 | 3 → 4 +MOV/3.1 | 3 → 4 +MOV/4.1 |
| 5 → 6 +MOV/1.1 | 5 → 6 +MOV/2.1 | 5 → 6 +MOV/3.1 | 5 → 6 +MOV/4.1 |
| 13 → 14 .6 | 13 → 14 .6 | 13 → 14 .6 | 13 → 14 .6 |
| 21 → 22 | 21 → 22 | 21 → 22 | 21 → 22 |

Date	14.02.06		DP CANopen OPTIMIZED	EMERGENCY STOP KAT 3	Drawing number	= WIRP1	
User.	hoe		MP&A/AD&S		33003614	+ SAF	
Check.			Created for		SAF 3	Pa. 3	
Change	Date	Name	Stand.	First.	Created by.	DCO	3 Bl.



SUPPLY ABOUT
CIRCUAR
CONNECTOR

24VDC
OTB

24VDC
DI
PLC

24VDC
REMOTE CONTROL PANEL

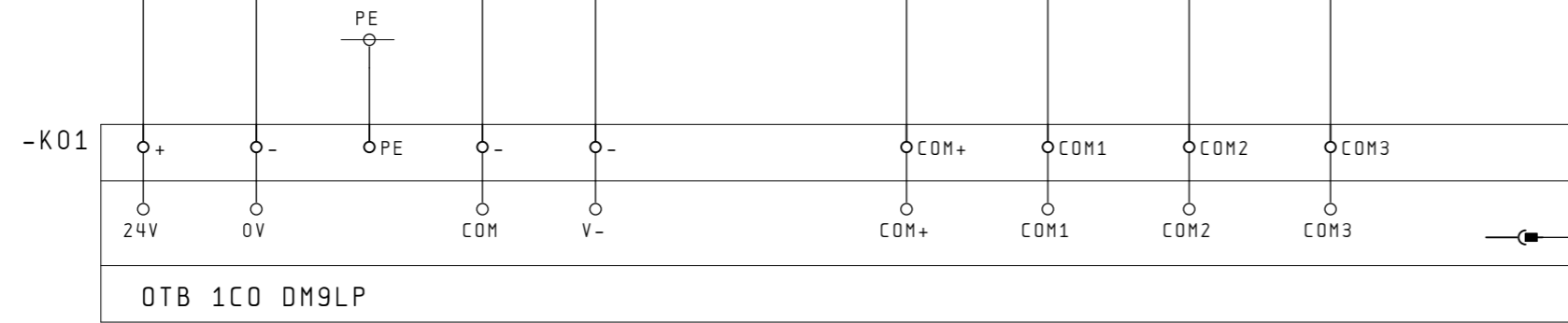
=WIRP1+SAF/3

+PLC2/1

Date	14. 02. 06		DP CANopen OPTIMIZED	VOLTAGE SUPPLY 24V DC	Drawing number	= WIRP2
User.	hoe		MP&A/AD&S		33003614	+ PSD2
Check.			Created for		PSD2 1	DCO
Change	Date	Name	Stand.	First.	Created by.	1 Bl.

+PSD2/1. 3/ H2_24V_F01
 +PSD2/1. 5/ H2_24V_F02

+PSD2/1. 7/ 0V_H2



OTB 1CO DM9LP

SUPPLY PLC 24V +
 SUPPLY PLC 0V -
 PE
 SUPPLY INPUTS 24V -
 SUPPLY OUTPUTS 24V -
 SUPPLY OUTPUTS 24V +
 SUPPLY OUTPUTS 24V +
 SUPPLY OUTPUTS 24V +
 SUPPLY OUTPUTS 24V +
 9POL. SUB-D
 CANOPEN

XSCAN1 1

XSCAN2 1

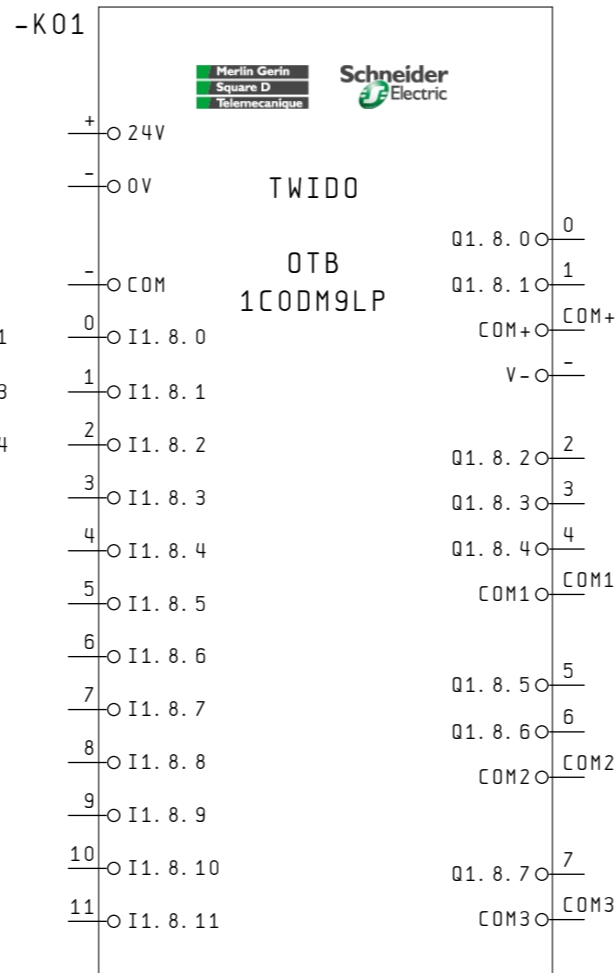
=WIRP1+COM/4. 7/ CAN_1_H2

=WIRP3+PLC3/1. 7/ CAN_2_H2

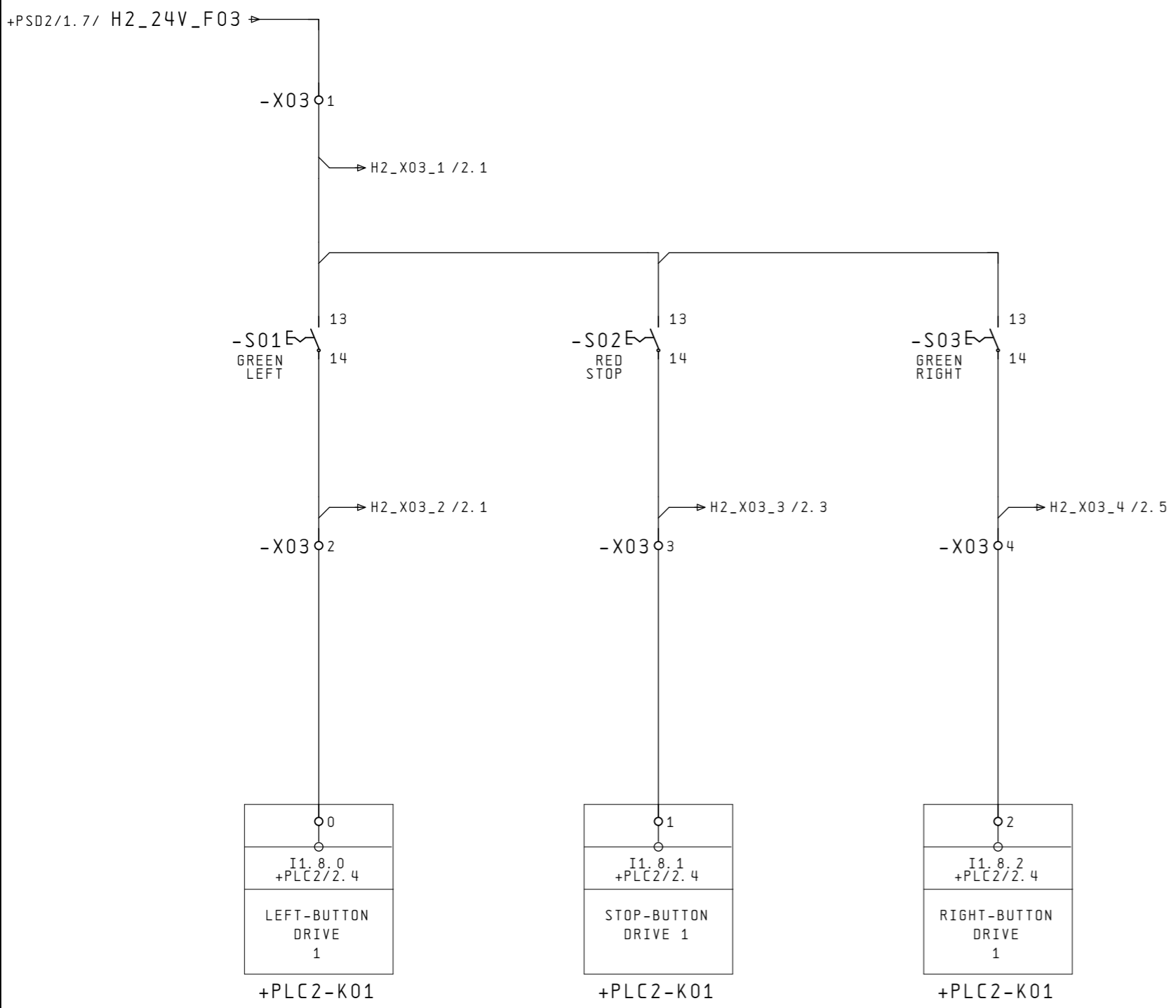
Date		14.02.06			DP CANopen OPTIMIZED		VOLTAGE SUPPLY		Drawing number		= WIRP2	
User.		hoe			MP&A/AD&S		PLC		33003614		+PLC2	
Check.					Created for		Created by.		PLC2 1		Pa. 1	
Change	Date	Name	Stand.	First.	Created for	Created by.						2 Bl.

LEFT-BUTTON DRIVE 1
 STOP-BUTTON DRIVE 1
 RIGHT-BUTTON DRIVE 1

+COM2/1.1
 +COM2/1.3
 +COM2/1.4



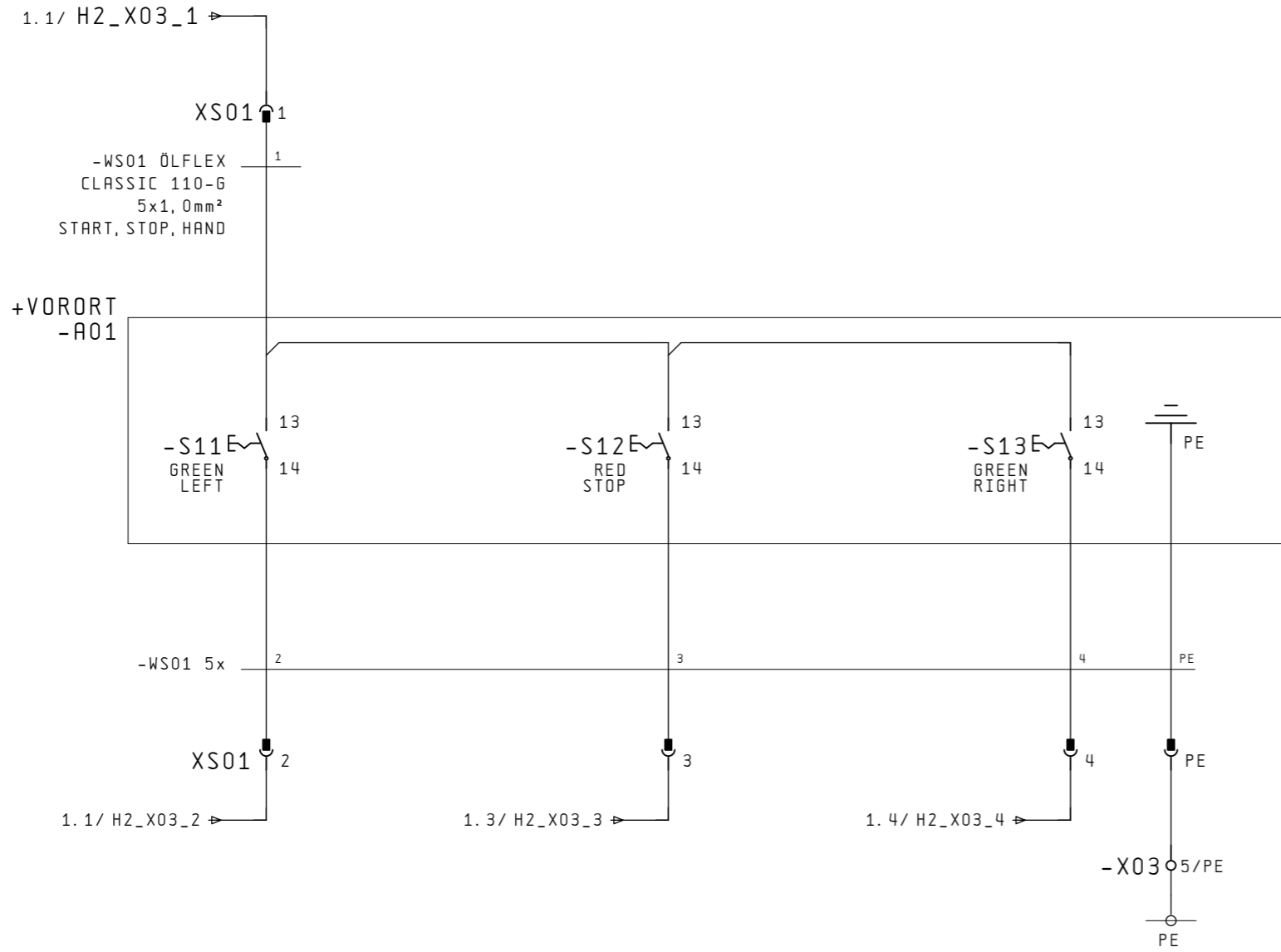
		Date	14.02.06		DP CANopen OPTIMIZED	TWIDO PLC IN/ OUTPUT	Drawing number	= WIRP2	
		User.	hoe		MP&A/AD&S		33003614	+PLC2	
Change	Date	Name	Stand.		First.		Created for	Created by.	PLC2 2



+PLC2/2

2

Date	14.02.06		DP CANopen OPTIMIZED	CONVEYOR 1	Drawing number	= WIRP2	
User.	hoe		MP&A/AD&S		33003614	+ COM2	
Check.			Created for		Created by.	COM2 1	Pa. 1
Change	Date	Name	Stand.	First.		DCO	2 Bl.

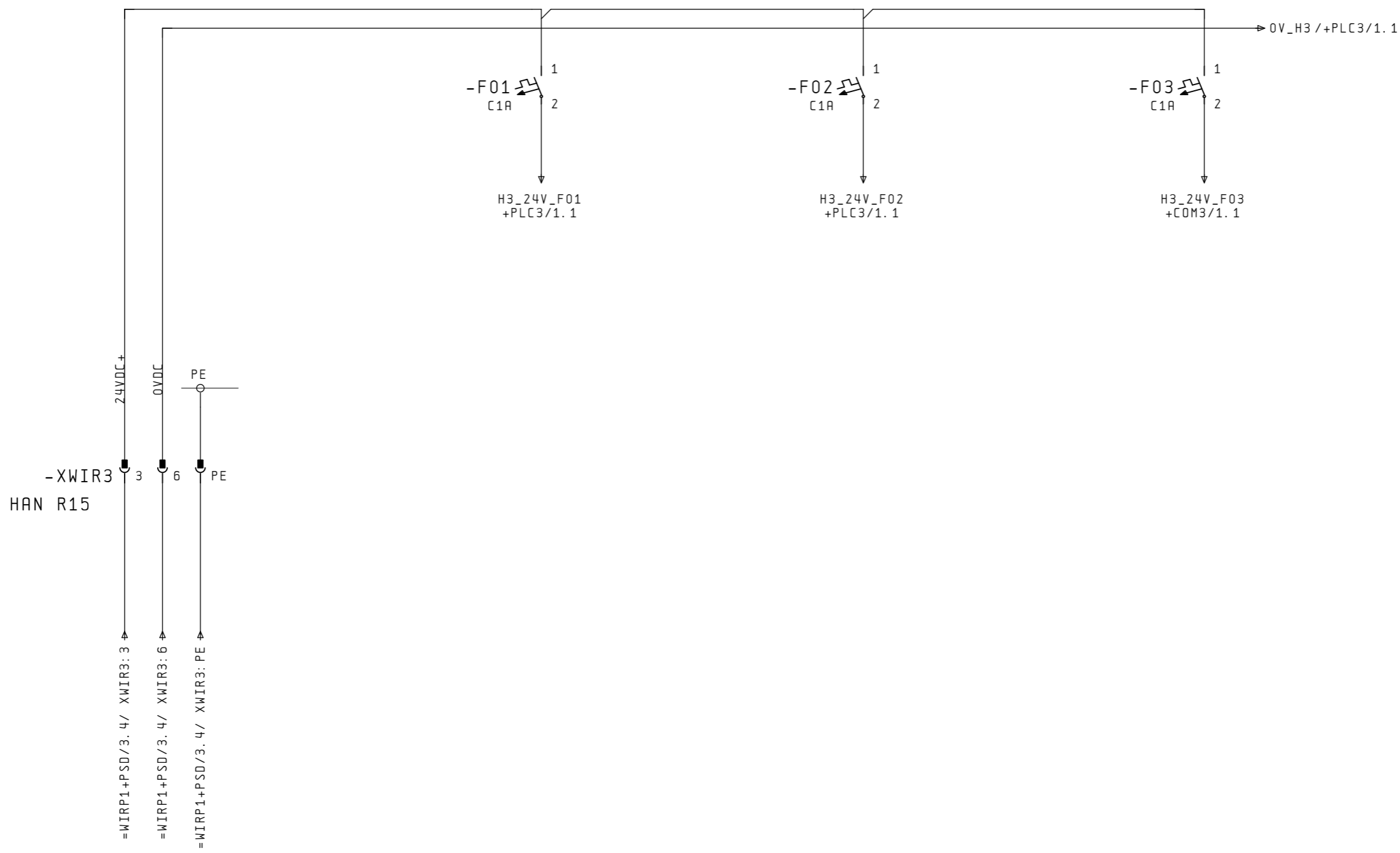


LEFT-BUTTON
DRIVE
1

STOP-BUTTON
DRIVE 1

RIGHT-BUTTON
DRIVE
1

Date		14.02.06			DP CANopen OPTIMIZED MP&A/AD&S	REMOTE CONTROL PANEL	Drawing number		= WIRP2	
User.		hoe					33003614		+ COM2	
Check.							COM2 2		Pa. 2	
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO		2 Bl.	



SUPPLY ABOUT
CIRCUAR
CONNECTOR

24VDC
OTB

24VDC
DI
PLC

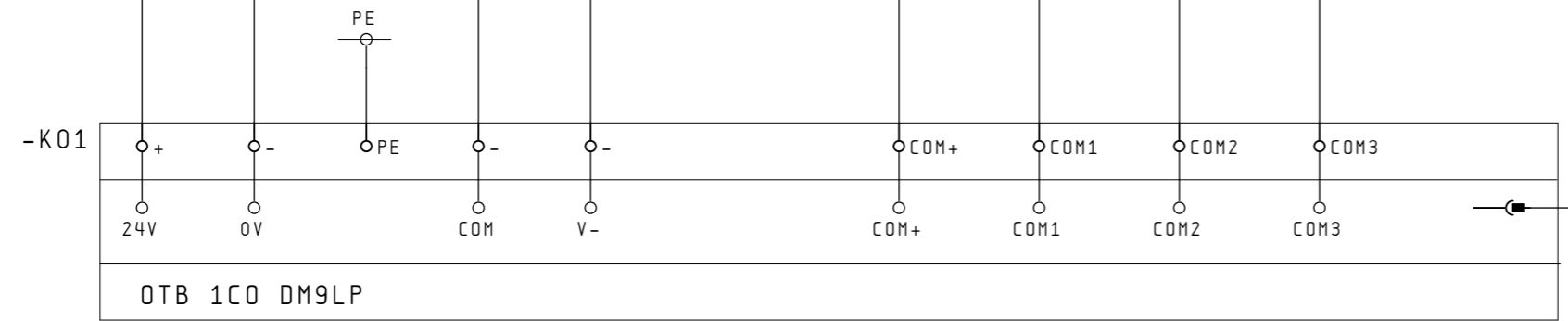
24VDC
REMOTE CONTROL PANEL

=WIRP2+COM2/2

+PLC3/1

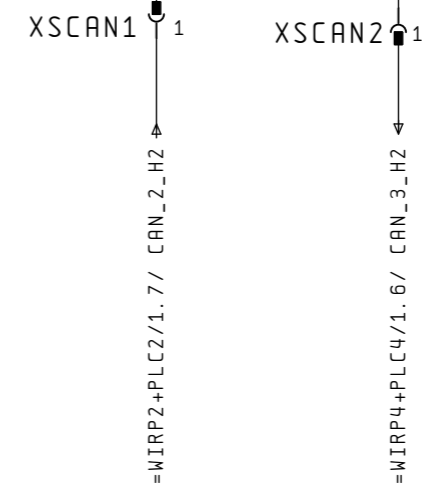
Date		14.02.06			DP CANopen OPTIMIZED MP&A/AD&S	VOLTAGE SUPPLY 24V DC	Drawing number		= WIRP3			
User.		hoe					33003614		+ PSD3			
Check.							PSD3 1		DCO		Pa. 1	
Change	Date	Name	Stand.	First.	Created for	Created by.			1 Bl.			

+PSD3/1. 3/ H3_24V_F01
 +PSD3/1. 5/ H3_24V_F02
 +PSD3/1. 7/ 0V_H3

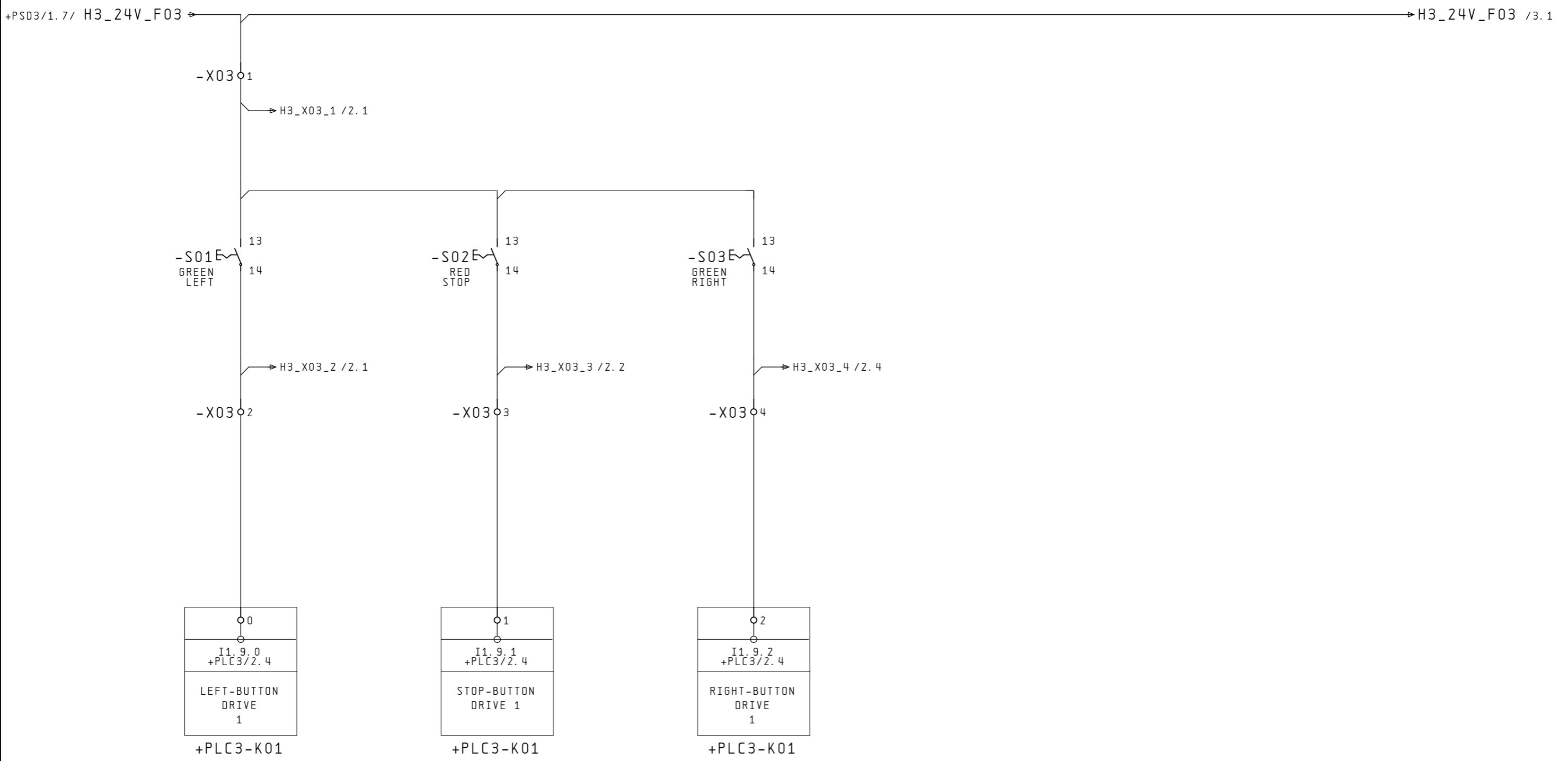


OTB 1CO DM9LP

SUPPLY PLC 24V+
 SUPPLY PLC 0V-
 PE
 SUPPLY INPUTS 24V-
 SUPPLY OUTPUTS 24V-
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 SUPPLY OUTPUTS 24V+
 9POL. SUB-D
 CANOPEN



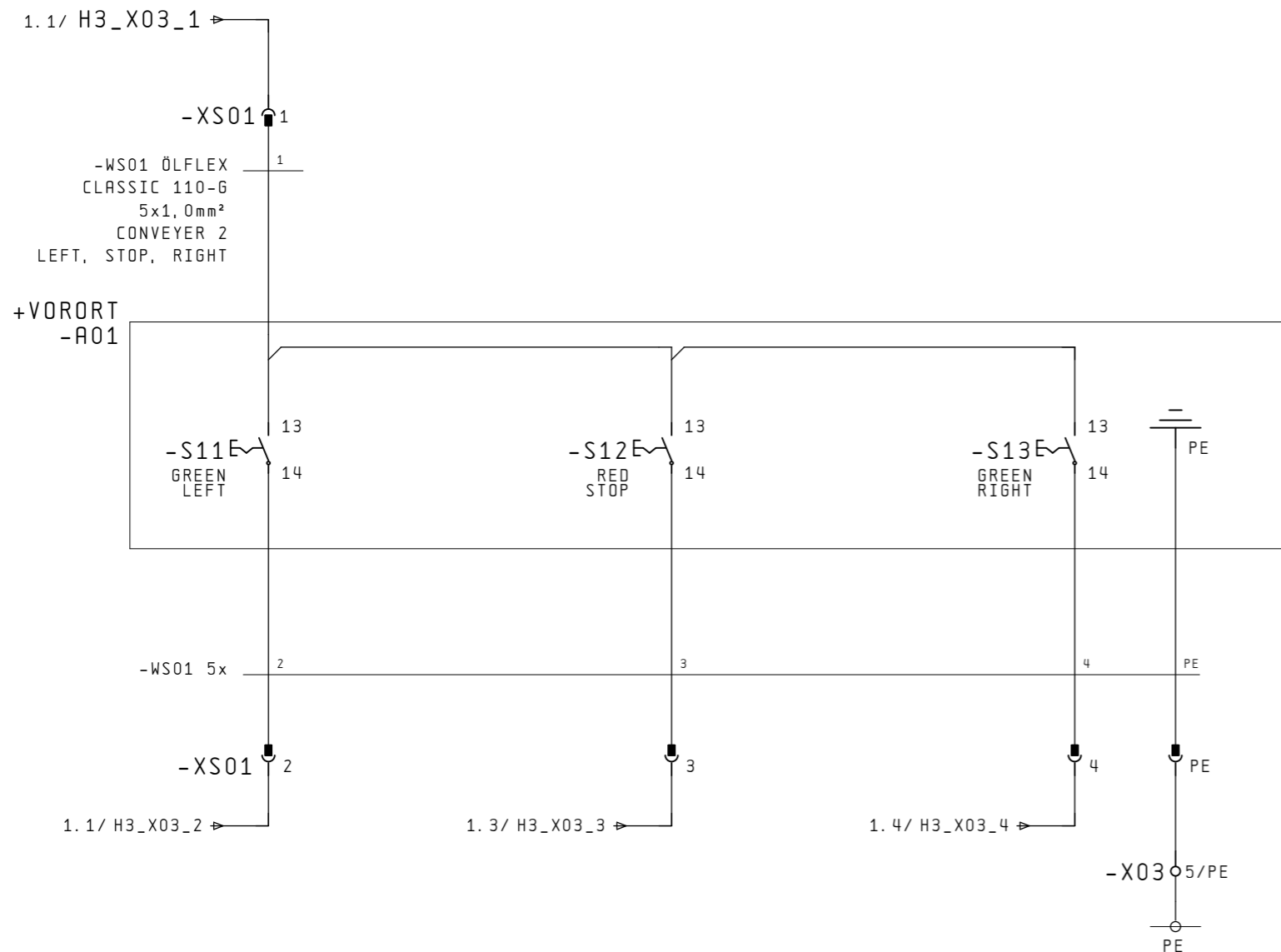
Date		14.02.06			DP CANopen OPTIMIZED		VOLTAGE SUPPLY		Drawing number		= WIRP3	
User.		hoe			MP&A/AD&S		PLC		33003614		+PLC3	
Check.					Created for		Created by.		PLC3 1		Pa. 1	
Change	Date	Name	Stand.	First.	Created for	Created by.				DCO	2 Bl. 1	



+PLC3/2

2

Change	Date	Name	Date	14.02.06		DP CANopen OPTIMIZED MP&A/AD&S	REMOTE CONTROL PANEL	Drawing number	= WIRP3
			Stand.	hoe				COM3 1 DCO	+ COM3 Pa. 1 4 Bl.

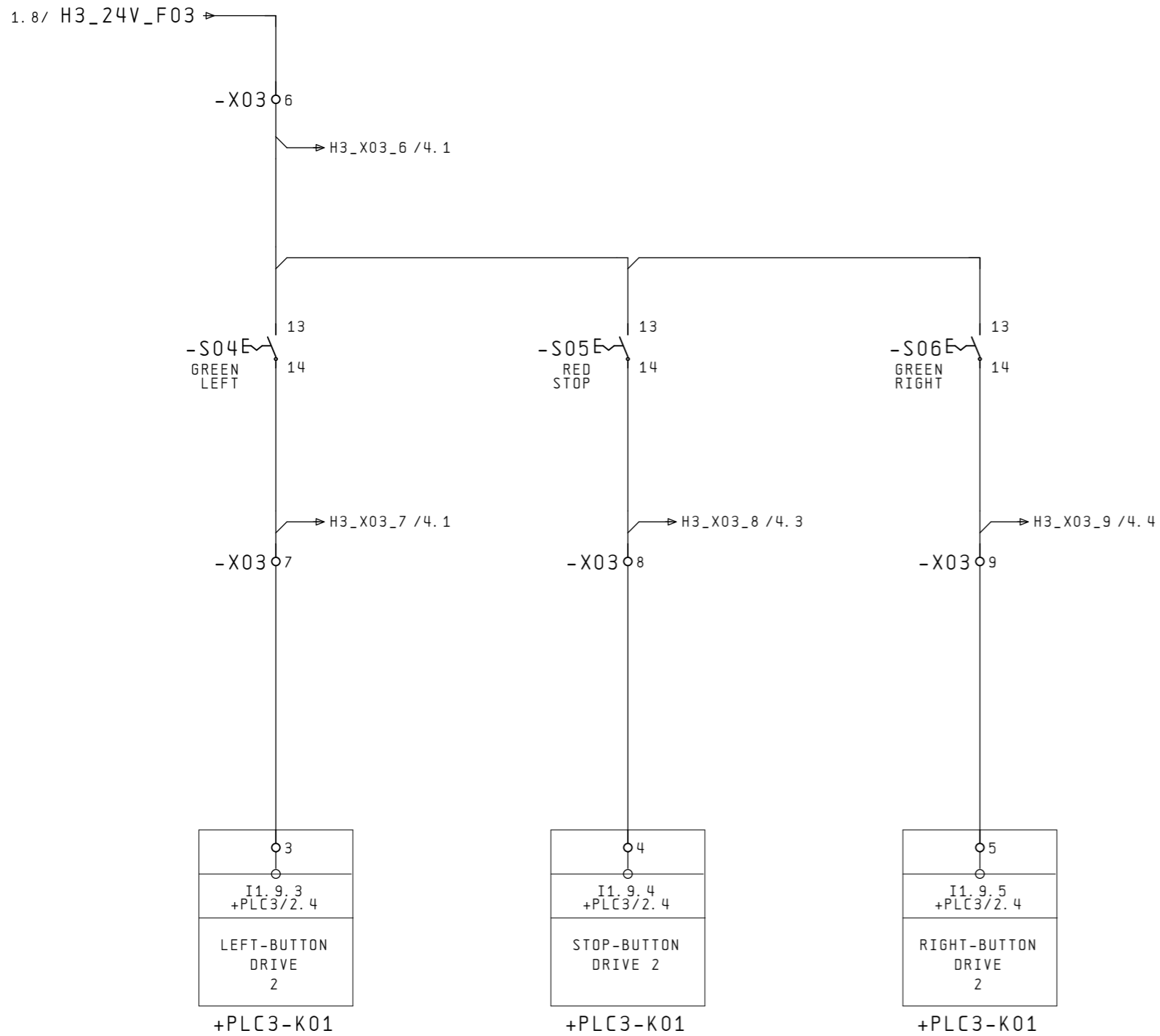


LEFT-BUTTON
DRIVE
1

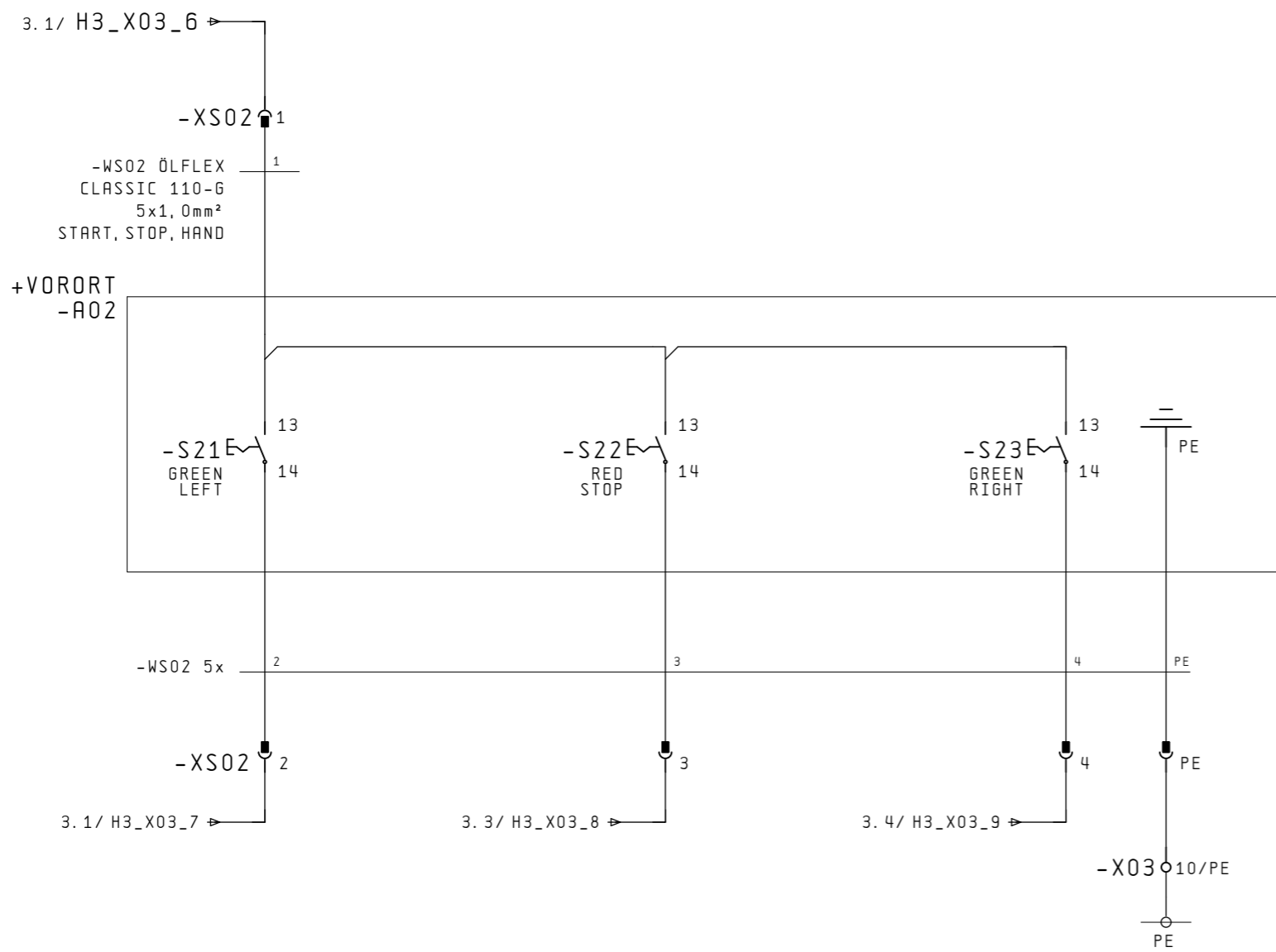
STOP-BUTTON
DRIVE 1

RIGHT-BUTTON
DRIVE
1

Date		14.02.06			DP CANopen OPTIMIZED		REMOTE CONTROL PANEL		Drawing number		= WIRP3	
User.		hoe			MP&A/AD&S				33003614		+ COM3	
Check.					Created for		Created by.		COM3 2		Pa. 2	
Change	Date	Name	Stand.	First.	Created for	Created by.			COM3 2		DCO	
											4 Bl.	



Date	14.02.06		DP CANopen OPTIMIZED	CONVEYOR 2	Drawing number	= WIRP3
User.	hoe		MP&A/AD&S		33003614	+ COM3
Check.			Created for		Created by.	COM3 3
Change	Date	Name	Stand.	First.	Pa.	3
						4 Bl.

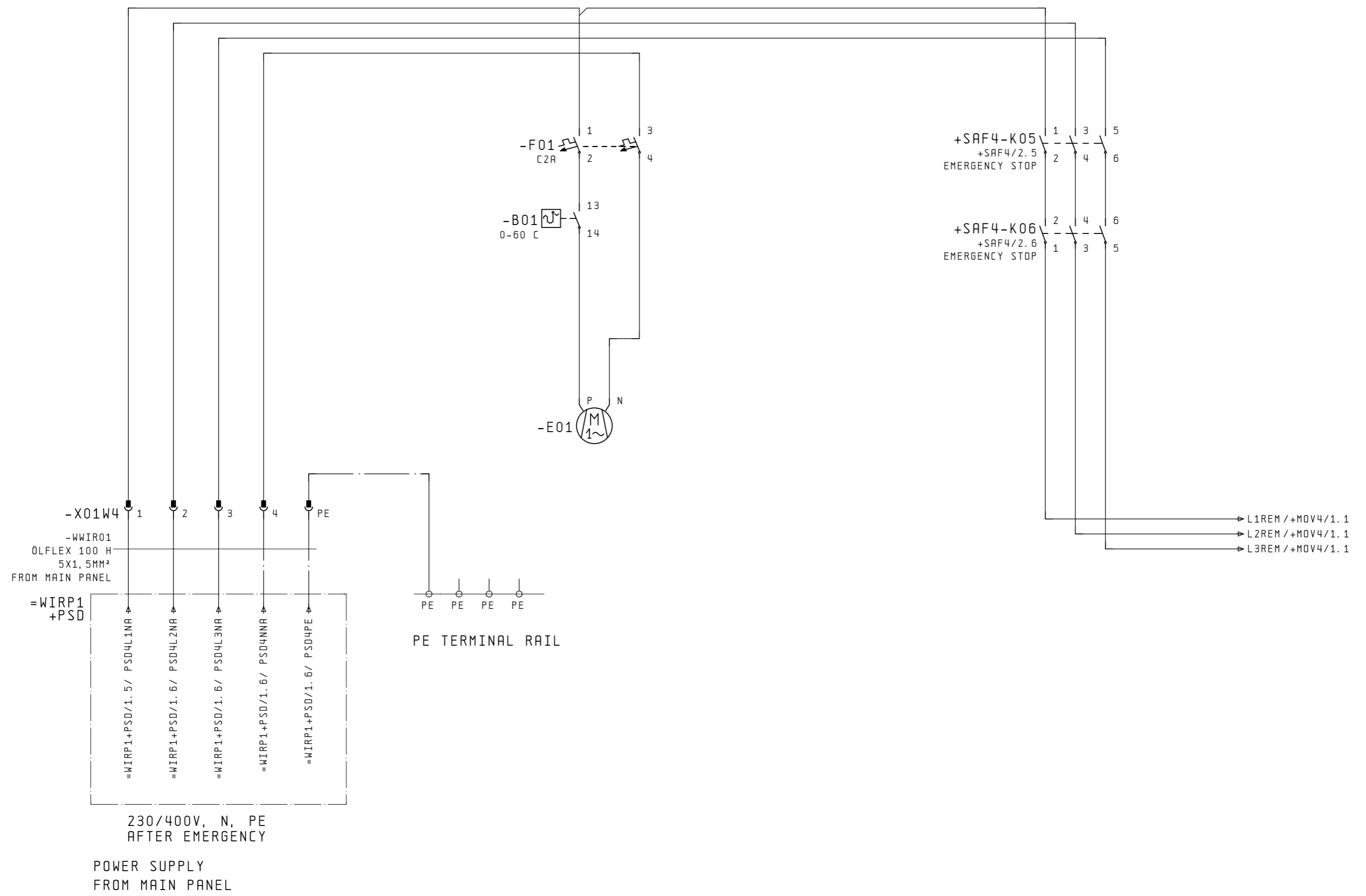


LEFT-BUTTON
DRIVE 2

STOP-BUTTON
DRIVE 2

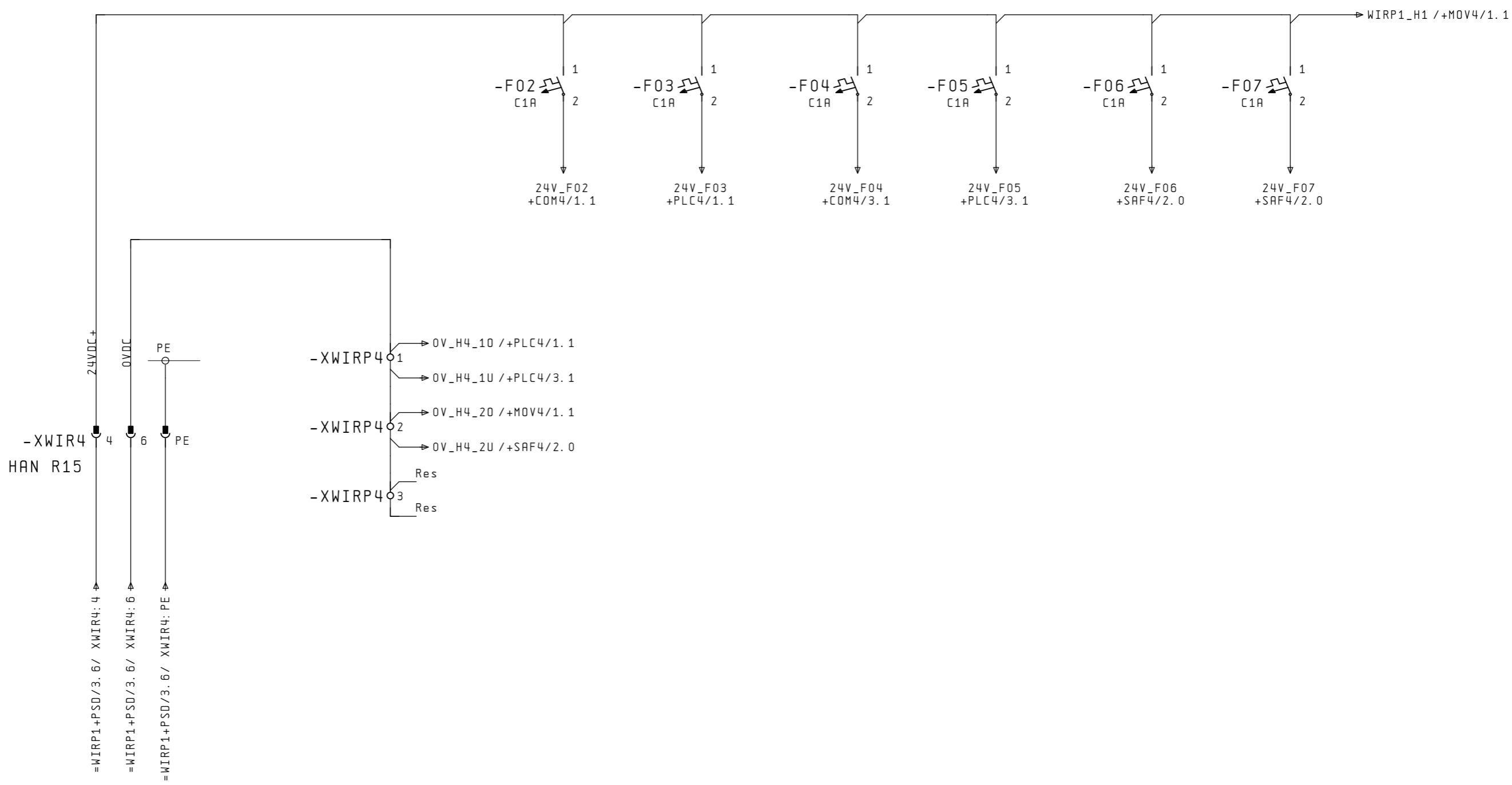
RIGHT-BUTTON
DRIVE 2

		Date	14.02.06		DP CANopen OPTIMIZED	REMOTE CONTROL PANEL	Drawing number		= WIRP3	
		User.	hoe		MP&A/AD&S		33003614		+ COM3	
		Check.			Created for		COM3 4		Pa.	4
Change	Date	Name	Stand.	First.	Created by.		DCO		4 Bl.	



=WIRP3+COM3/4

Date		14.02.06			DP CANopen OPTIMIZED		POWER SUPPLY REMOTE PANEL		Drawing number		=WIRP4 +PSD4	
User.		hoe			MP&A/AD&S				33003614		Pa. 1	
Check.					Created by.				PSD4 1		DCO 2 Bl.	
Change	Date	Name	Stand.	First.	Created for							



SUPPLY ABOUT
CIRCUAR
CONNECTOR

24VDC
OTB

24VDC
DI PLC

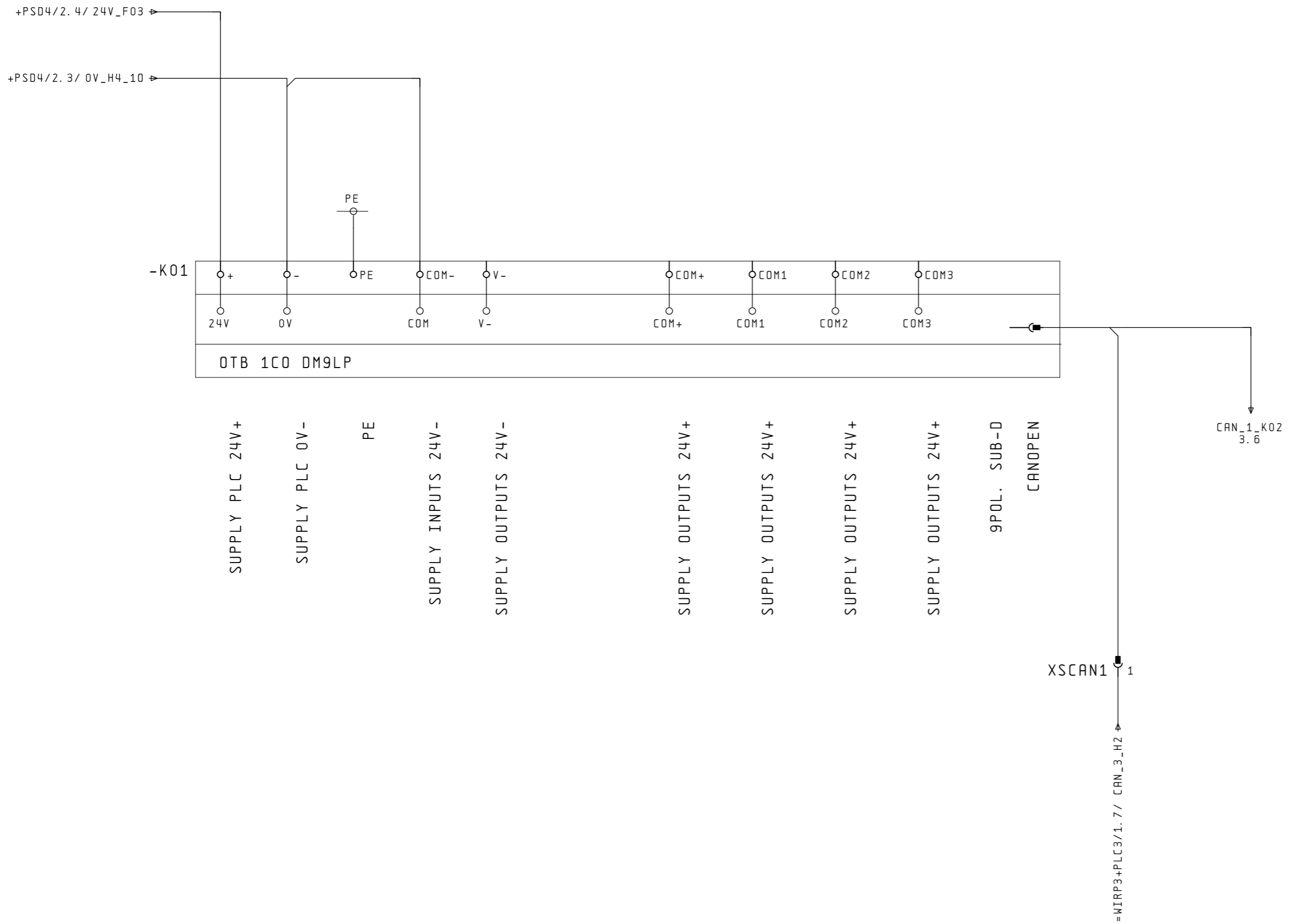
24VDC REMOTE
CONTROL PANEL

24VDC
OTB

24VDC
DI PLC

24VDC REMOTE
CONTROL PANEL

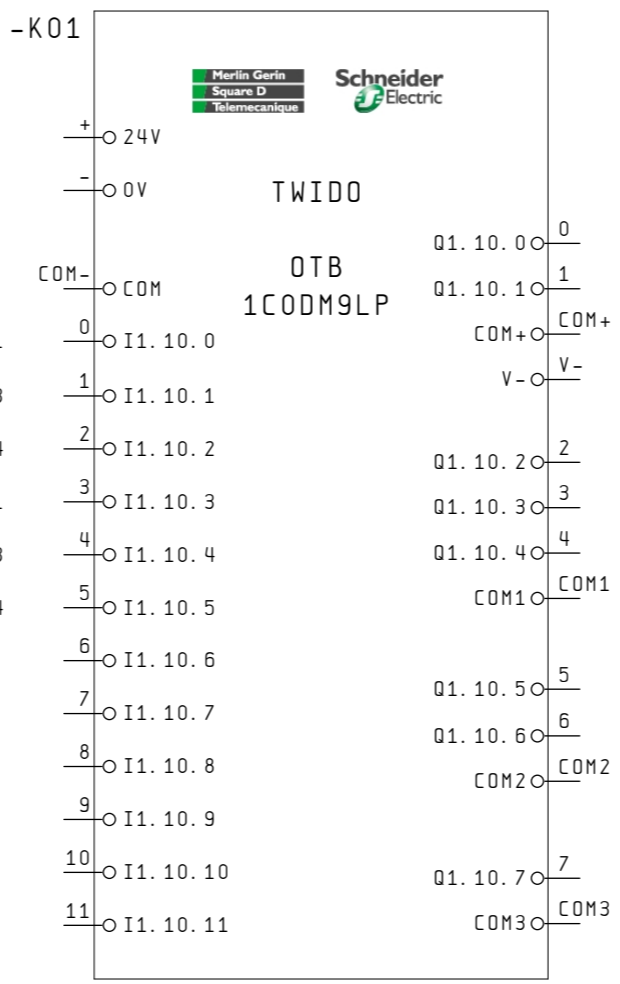
Date	14.02.06		DP CANopen OPTIMIZED	VOLTAGE SUPPLY 24V DC	Drawing number	= WIRP4
User.	hoe		MP&A/AD&S		33003614	+PSD4
Check.			Created for		PSD4 2	DCO
Change	Date	Name	Stand.	First.	Created by.	2 Bl.



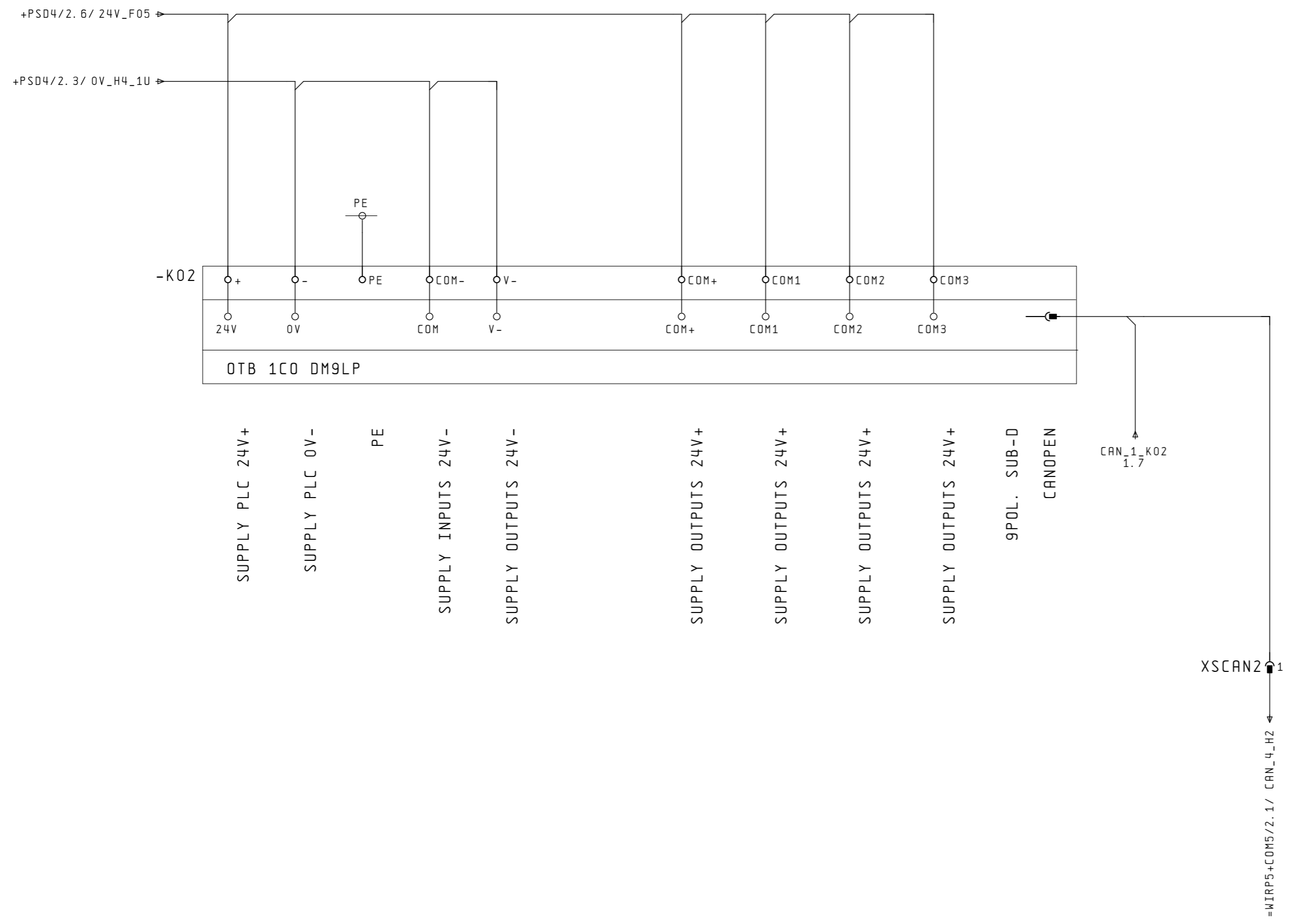
Date		14.02.06			DP CANopen OPTIMIZED MP&A/AD&S	VOLTAGE SUPPLY PLC	Drawing number		= WIRP4			
User.		hoe					33003614		+PLC4			
Check.							PLC4 1		DCO		Pa. 1	
Change	Date	Name	Stand.	First.	Created for	Created by.			4 Bl.			

LEFT-BUTTON DRIVE 1
 STOP-BUTTON DRIVE 1
 RIGHT-BUTTON DRIVE 1
 LEFT-BUTTON DRIVE 2
 STOP-BUTTON DRIVE 2
 RIGHT-BUTTON DRIVE 2

+COM4/1.1
 +COM4/1.3
 +COM4/1.4
 +COM4/3.1
 +COM4/3.3
 +COM4/3.4



Date	14.02.06			DP CANopen OPTIMIZED	TWIDO PLC IN/ OUTPUT	Drawing number	= WIRP4
User.	hoe			MP&A/AD&S		33003614	+ PLC4
Check.				Created for		PLC4 2	DCO
Change	Date	Name	Stand.	First.	Created by.		4 Bl.

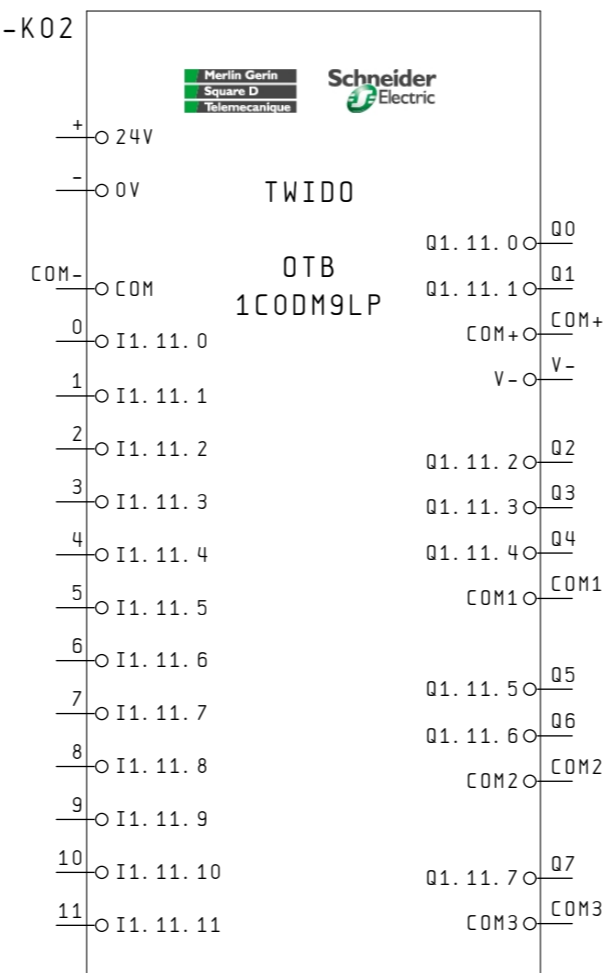


SUPPLY PLC 24V +
 SUPPLY PLC 0V -
 PE
 SUPPLY INPUTS 24V -
 SUPPLY OUTPUTS 24V -
 SUPPLY OUTPUTS 24V +
 SUPPLY OUTPUTS 24V +
 SUPPLY OUTPUTS 24V +
 SUPPLY OUTPUTS 24V +
 9POL. SUB-D
 CANOPEN
 CAN_1_K02
 1.7
 XSCAN2 1
 =WIRP5+COM5/2.1/ CAN_4_H2

Date		14.02.06			DP CANopen OPTIMIZED		VOLTAGE SUPPLY		Drawing number		= WIRP4	
User.		hoe			MP&A/AD&S		PLC		33003614		+PLC4	
Check.					Created for		Created by.		PLC4 3		Pa. 3	
Change	Date	Name	Stand.	First.	Created for	Created by.				DCO	4 Bl.	

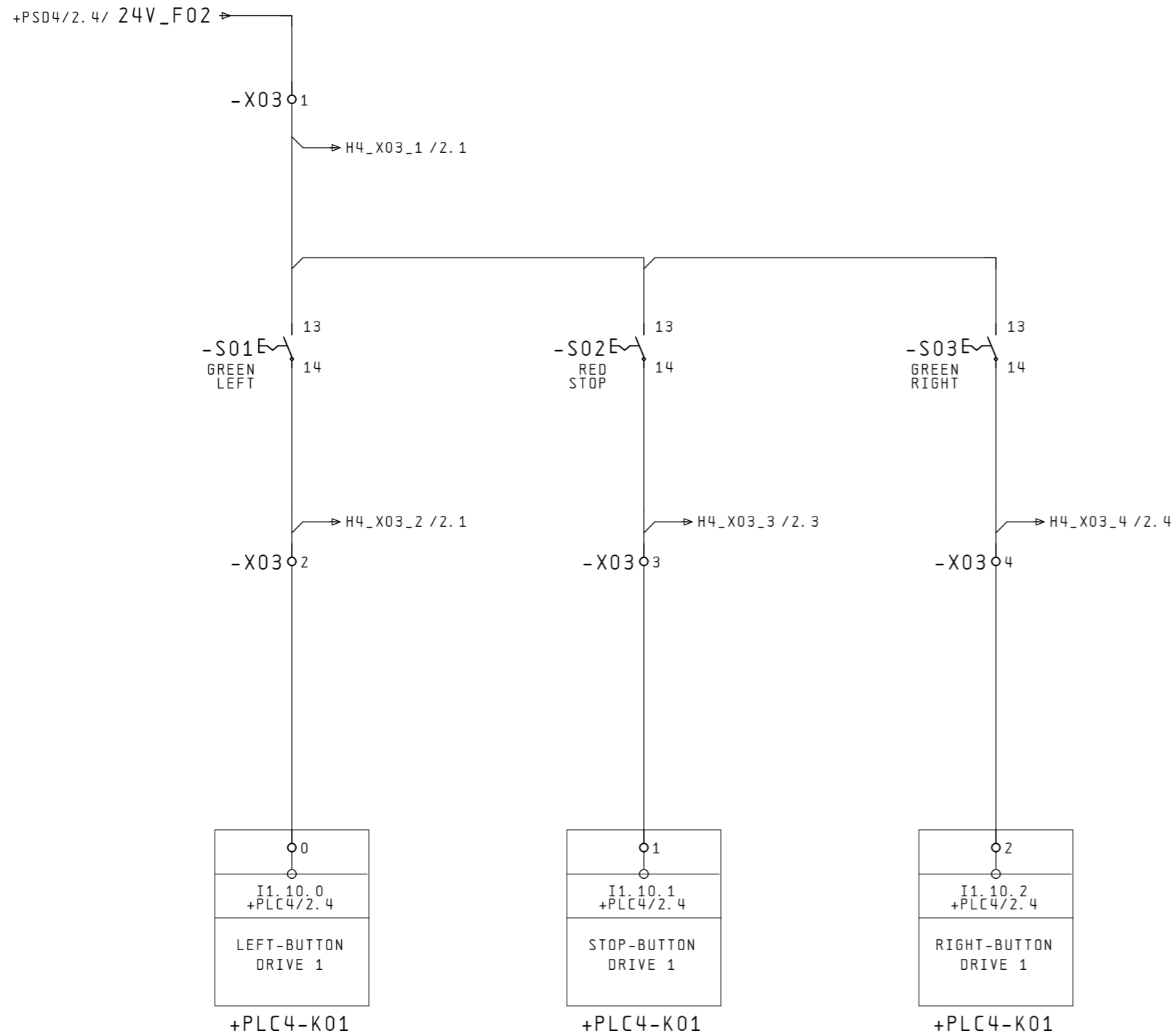
PROTECTION DOOR OPEN
 PROTECTION DOOR OPEN
 CONVEYER 1 LEFT-ROTATION
 CONVEYER 1 RIGHT-ROTATION
 CONVEYER 2 LEFT-ROTATION
 CONVEYER 2 RIGHT-ROTATION

+SAF4/2.4
 +SAF4/2.9
 +MOV4/1.4
 +MOV4/1.5
 +MOV4/2.4
 +MOV4/2.5



Q1.11.0 Q0
 Q1.11.1 Q1
 COM+ COM+
 V- V-
 Q1.11.2 Q2 +MOV4/1.3 CONVEYER 1 LEFT-ROTATION
 Q1.11.3 Q3 +MOV4/1.4 CONVEYER 1 RIGHT-ROTATION
 Q1.11.4 Q4 +MOV4/2.3 CONVEYER 2 LEFT-ROTATION
 COM1 COM1
 Q1.11.5 Q5 +MOV4/2.4 CONVEYER 2 RIGHT-ROTATION
 Q1.11.6 Q6
 COM2 COM2
 Q1.11.7 Q7
 COM3 COM3

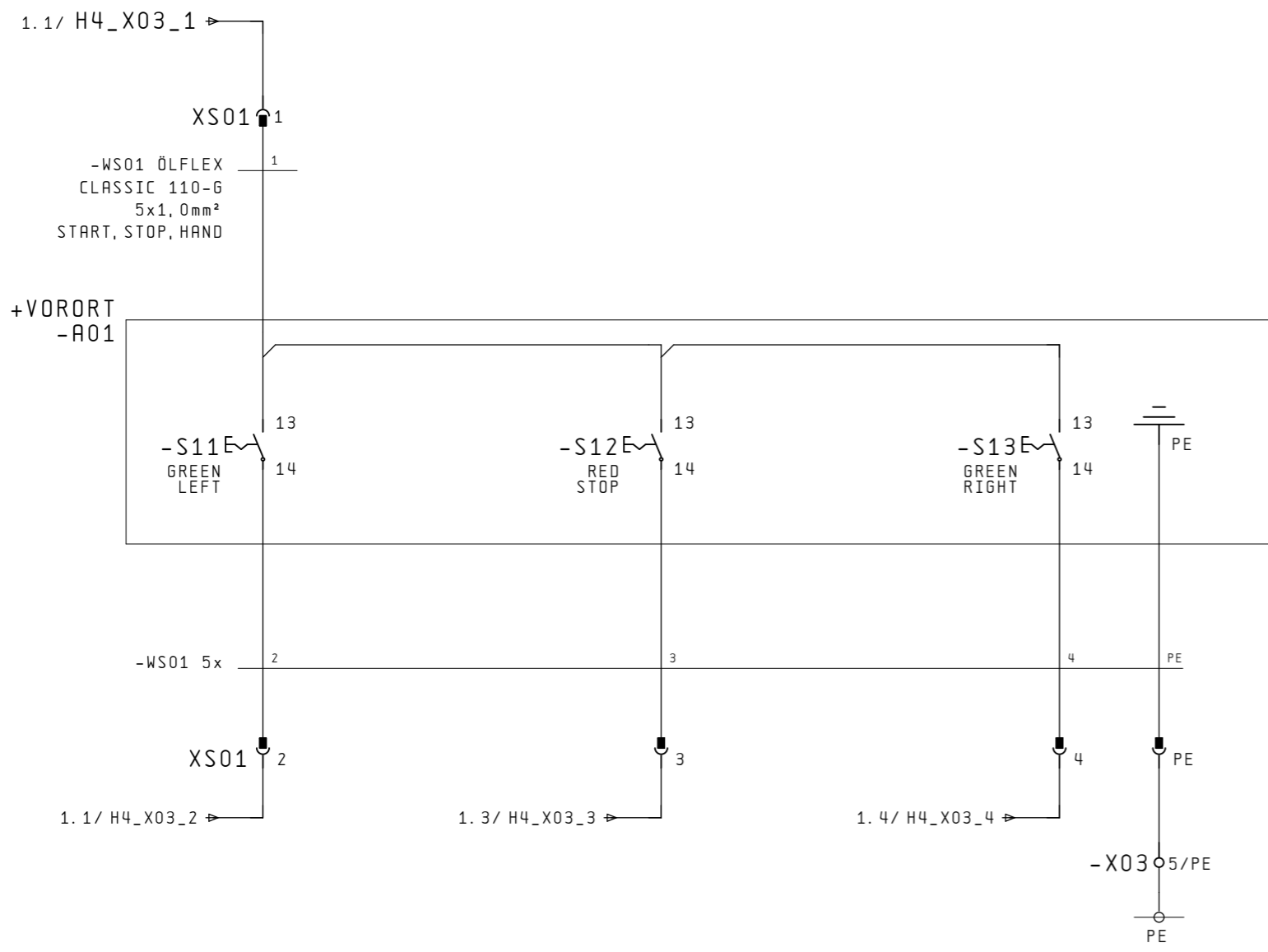
Date	14.02.06		DP CANopen OPTIMIZED	TWIDO PLC IN/ OUTPUT	Drawing number	= WIRP4		
User.	hoe		MP&A/AD&S		33003614	+PLC4		
Check.			Created for		Created by.	PLC4 4	DCO	
Change	Date	Name	Stand.	First.	Created for	Created by.	Pa. 4	4 Bl.



+PLC4/4

2

Change	Date	Name	Date		DP CANopen OPTIMIZED MP&A/AD&S	REMOTE CONTROL PANEL CONVEYOR 1	Drawing number	= WIRP4
			Stand.				User.	33003614 COM4 1
			14.02.06	hoe	Created for	Created by.	DCO	Pa. 1
								4 Bl.

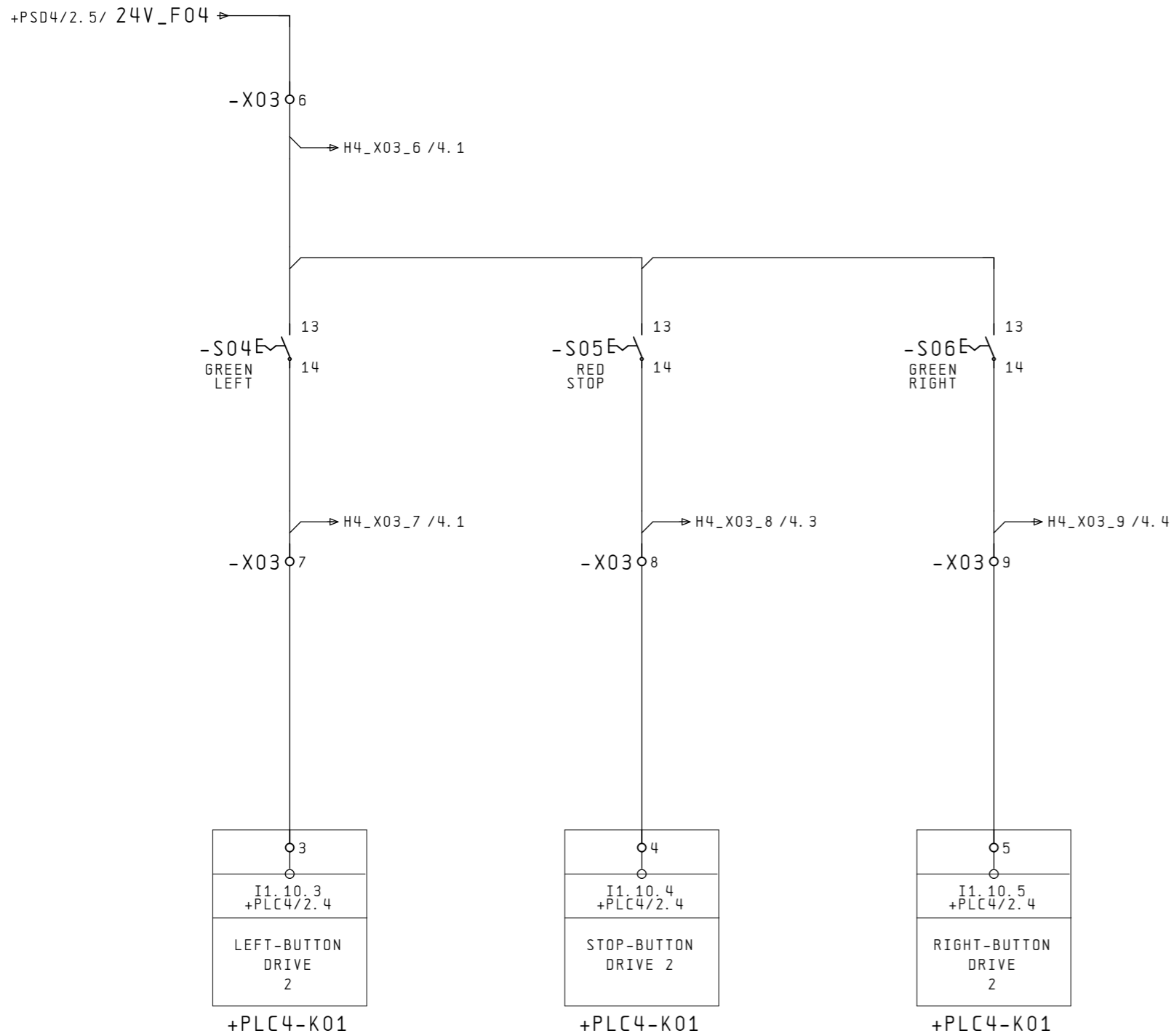


LEFT-BUTTON
DRIVE 1

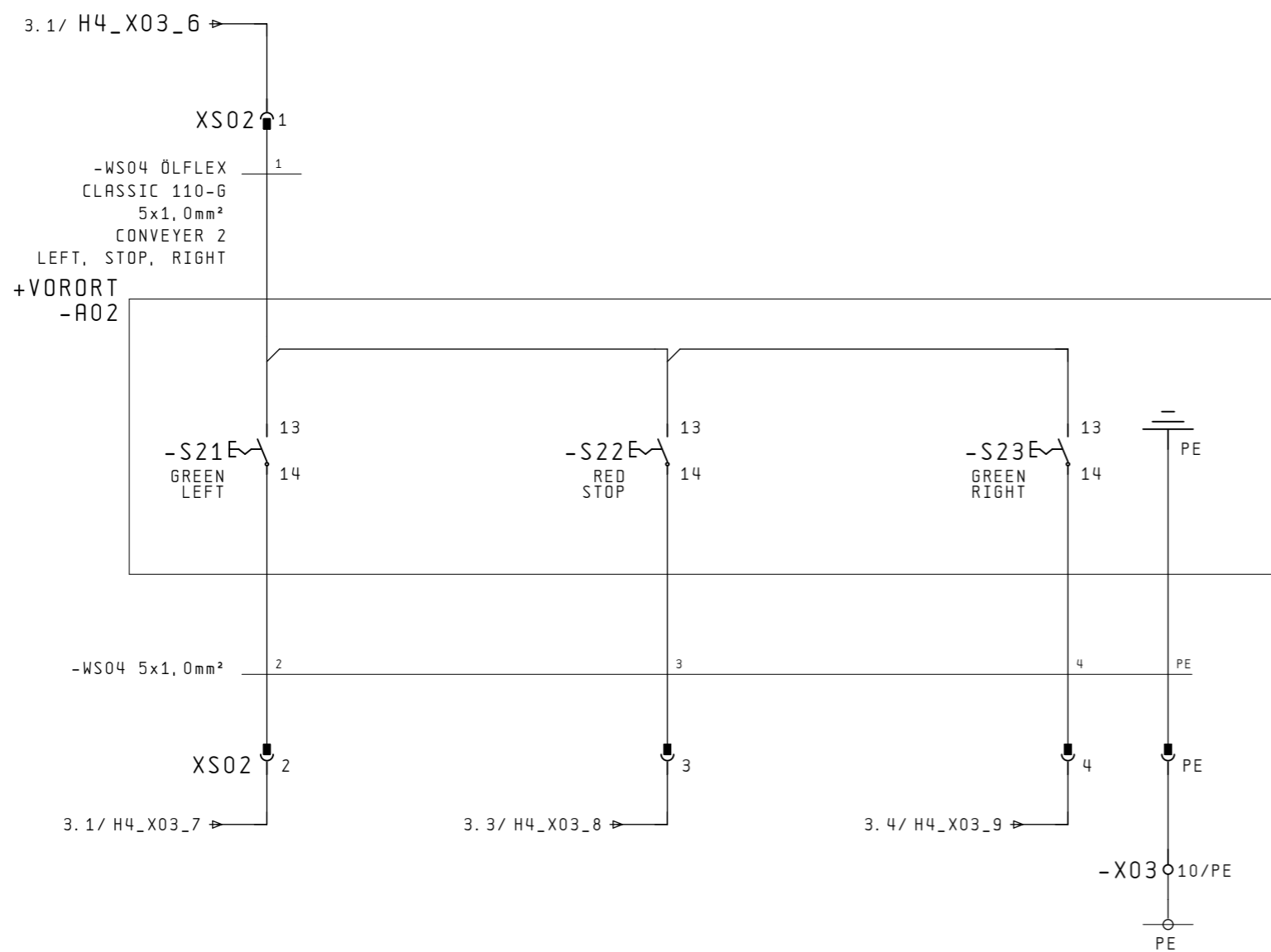
STOP-BUTTON
DRIVE 1

RIGHT-BUTTON
DRIVE 1

		Date	14.02.06		DP CANopen OPTIMIZED	REMOTE CONTROL PANEL CONVEYOR 4	Drawing number		= WIRP4	
		User.	hoe		MP&A/AD&S		33003614		+ COM4	
		Check.			Created for		COM4 2		DCO	Pa. 2
Change	Date	Name	Stand.	First.	Created by.			4 Bl.		



		Date	14.02.06		DP CANopen OPTIMIZED	REMOTE CONTROL PANEL CONVEYOR 2	Drawing number		= WIRP4	
		User.	hoe		MP&A/AD&S		33003614		+ COM4	
Change	Date	Name	Stand.		First.		Created for	Created by.	COM4 3	DCO

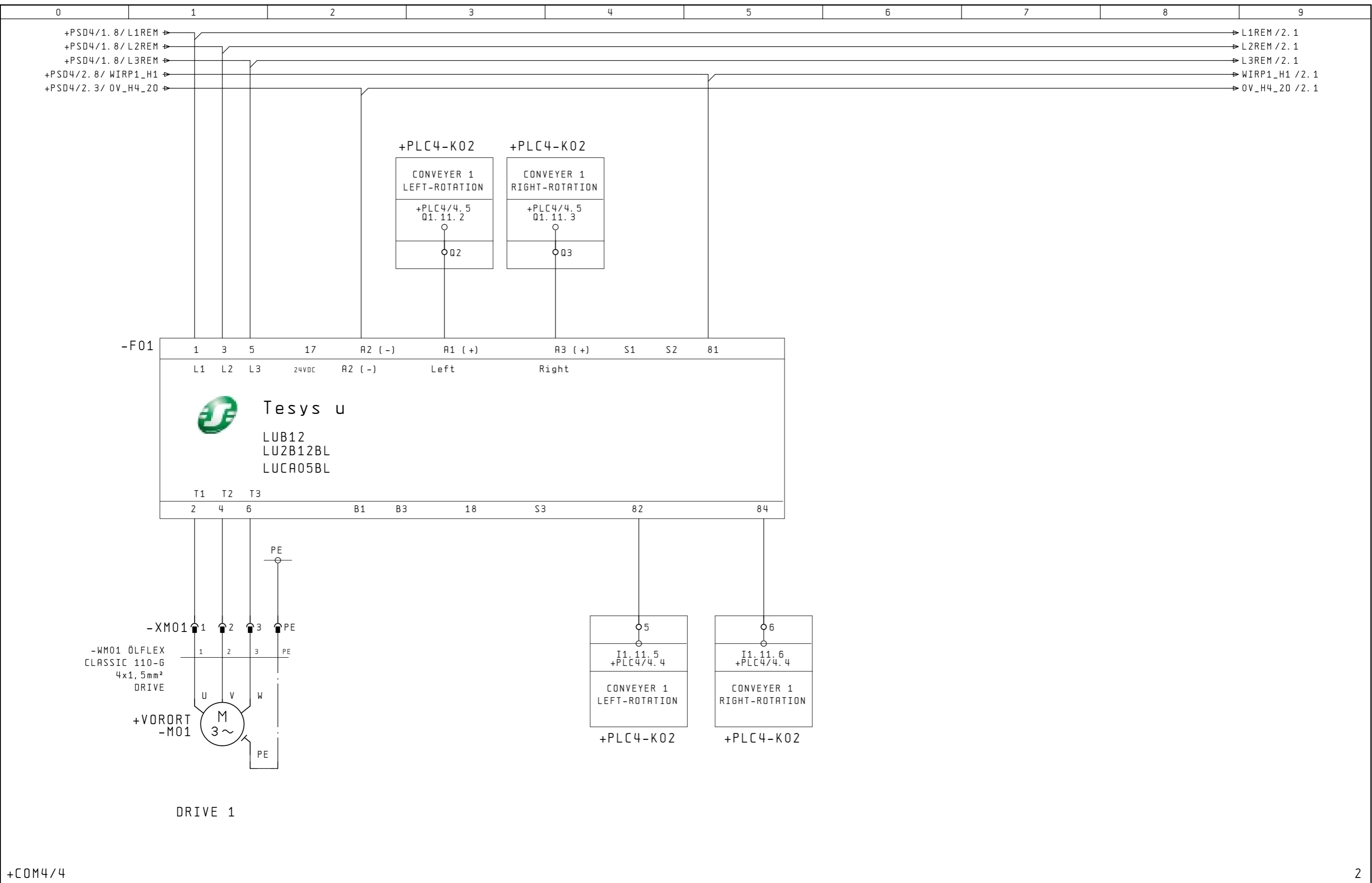


LEFT-BUTTON
DRIVE 2

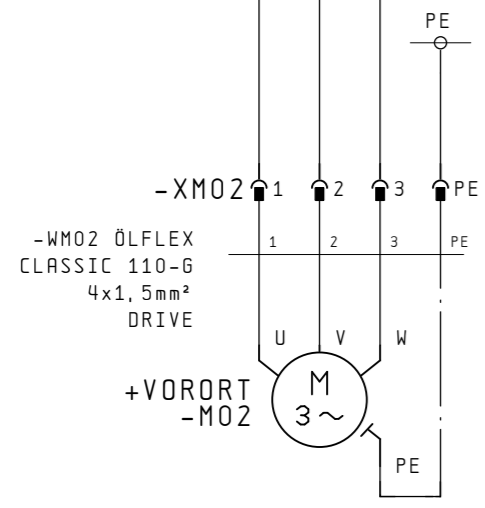
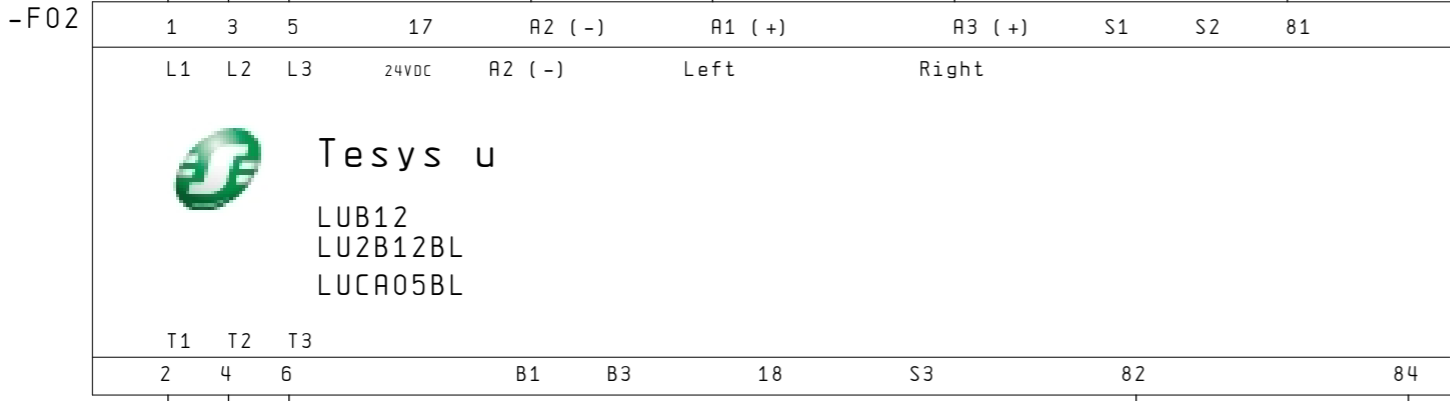
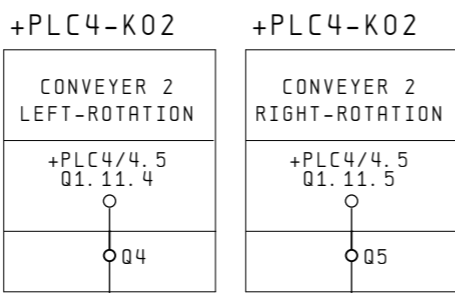
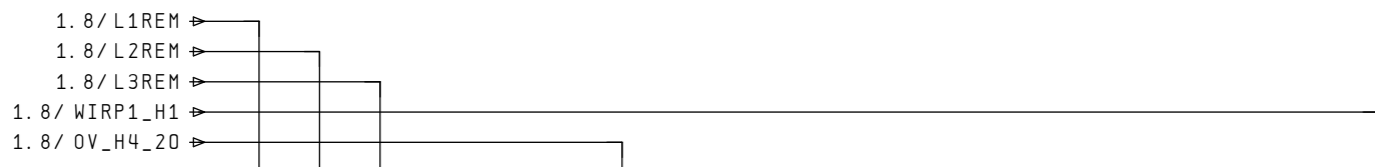
STOP-BUTTON
DRIVE 2

RIGHT-BUTTON
DRIVE 2

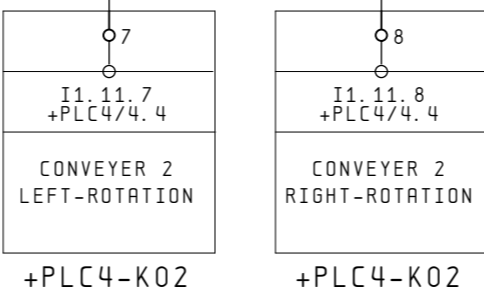
Date		14.02.06			DP CANopen OPTIMIZED MP&A/AD&S	REMOTE CONTROL PANEL CONVEYOR 4	Drawing number		= WIRP4	
User.		hoe					33003614		+ COM4	
Check.							COM4 4		Pa. 4	
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO		4 Bl.	



+COM4/4		Date: 14.02.06		Merlin Gerin Schneider Electric		DP CANopen OPTIMIZED		SOFT DRIVE CONVEYER 1		Drawing number: 33003614		= WIRP4 + MOV4	
		User: hoe		Square D		MP&A/AD&S				MOV4 1		Pa. 1	
Change		Date		Name		Stand.		First.		Created for		Created by.	
										DCO		2 Bl.	



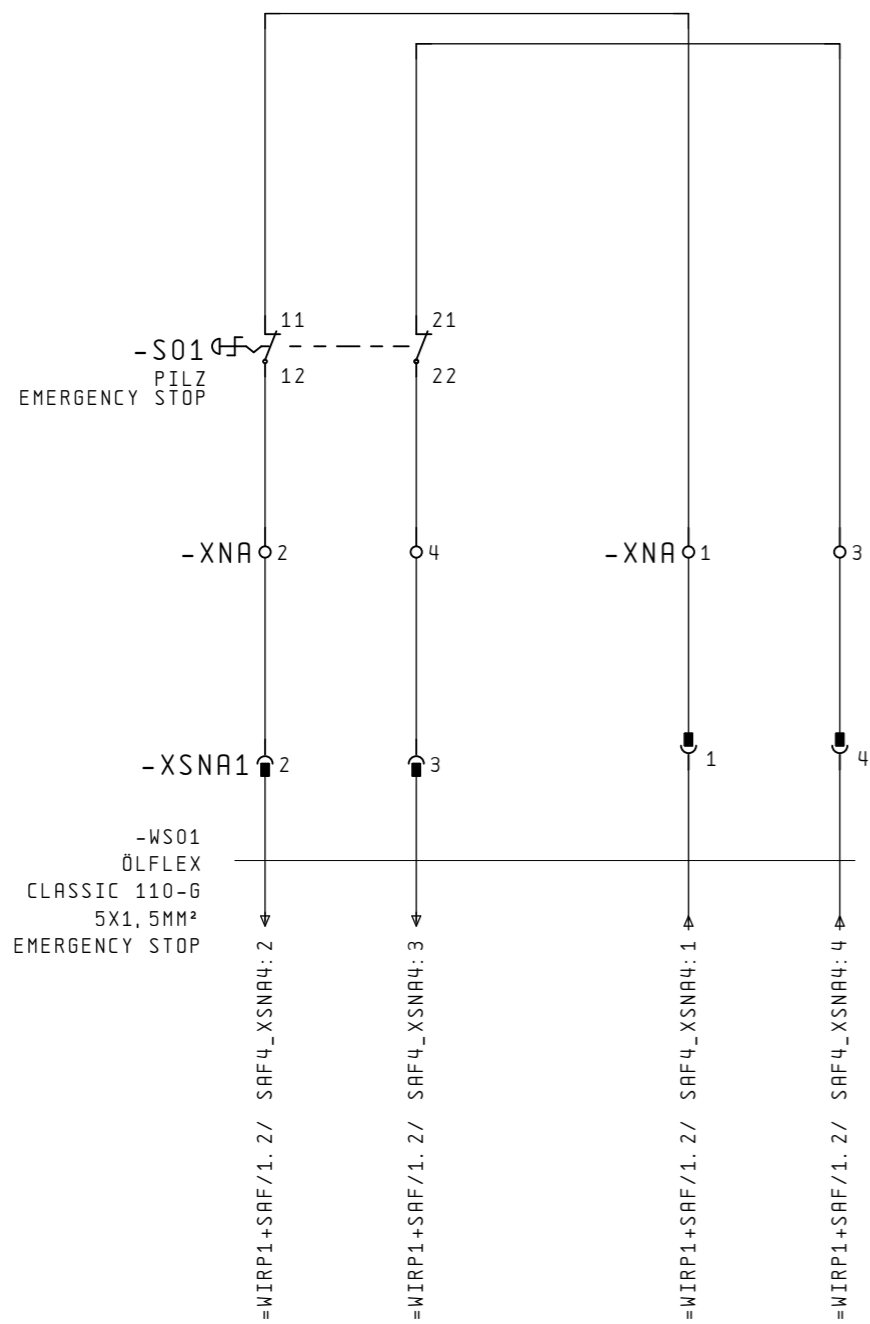
DRIVE 2



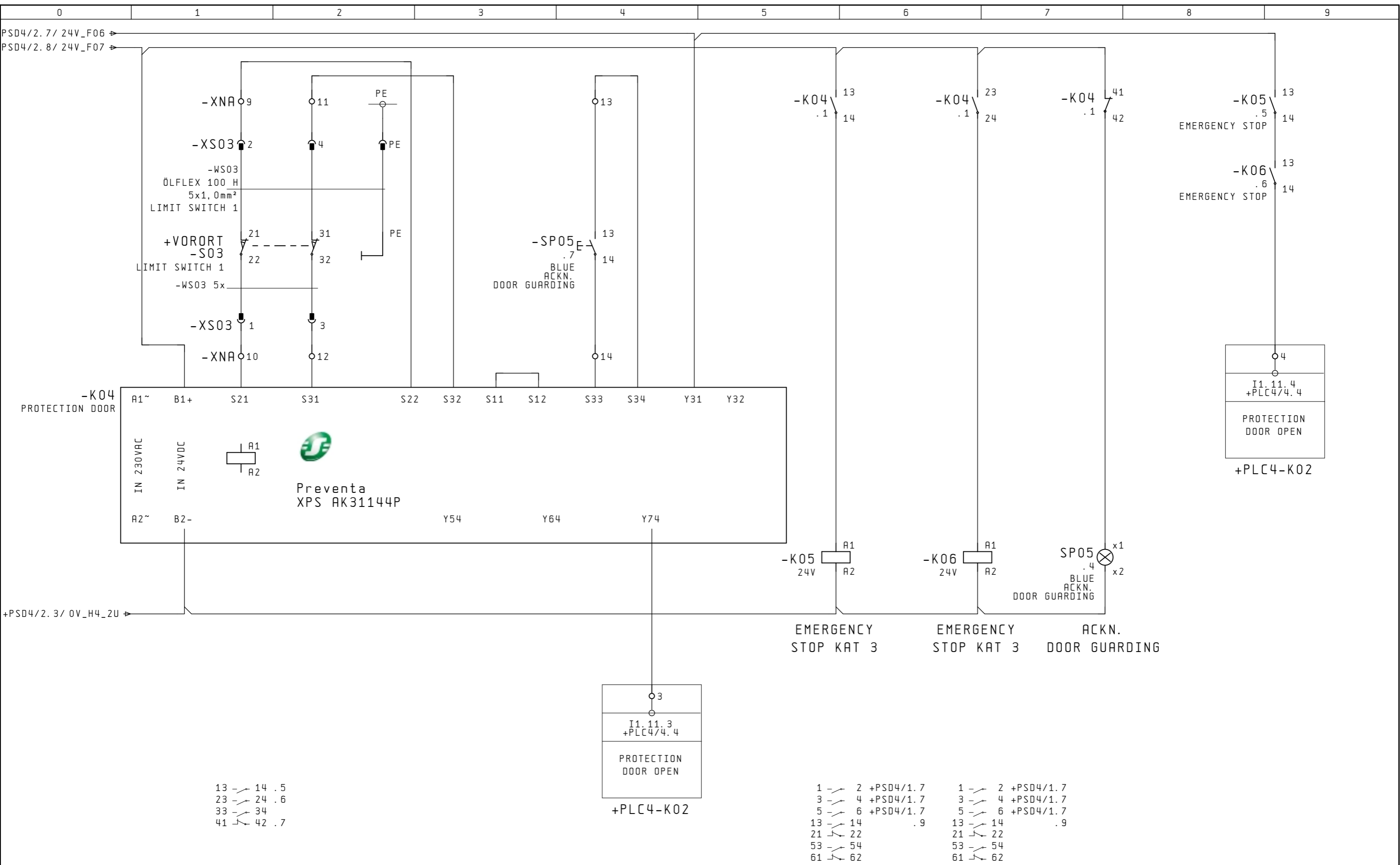
+SAF4/1

1

Date		14.02.06			DP CANopen OPTIMIZED		SOFT DRIVE CONVEYER 2		Drawing number		= WIRP4	
User.		hoe			MP&A/AD&S				33003614		+MOV4	
Check.					Created for		Created by.		MOV4 2		Pa. 2	
Change	Date	Name	Stand.	First.	Created for	Created by.			DCO		2 Bl.	

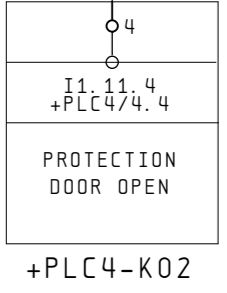
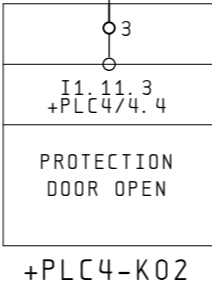


Date		14. 02. 06			DP CANopen OPTIMIZED MP&A/AD&S	EMERGENCY STOP KAT 3	Drawing number		= WIRP4	
User.		hoe					33003614		+ SAF4	
Check.							SAF4 1		Pa. 1	
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO		2 Bl.	



13 -> 14 .5
 23 -> 24 .6
 33 -> 34
 41 -> 42 .7

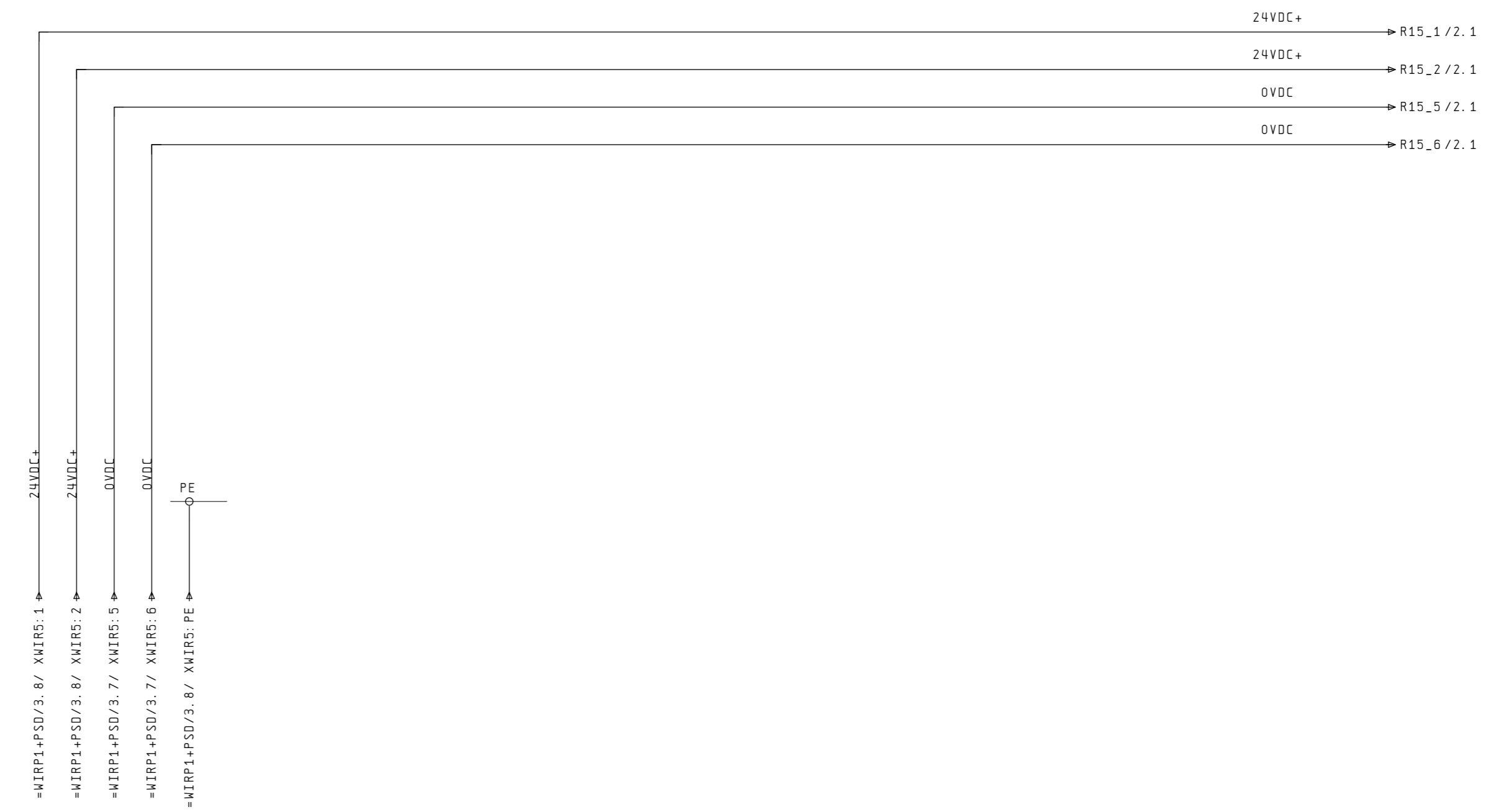
1 -> 2 +PSD4/1.7
 3 -> 4 +PSD4/1.7
 5 -> 6 +PSD4/1.7
 13 -> 14 .9
 21 -> 22
 53 -> 54
 61 -> 62



1

=WIRP5+COM5/1

Date	14.02.06		DP CANopen OPTIMIZED	LIMIT SWITCH SAFETY GATE	Drawing number	= WIRP4		
User.	HOE		MP&A/AD&S		33003614	+ SAF4		
Check.			Created for		Created by.	SAF4 2	Pa. 2	
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO	2 Bl.

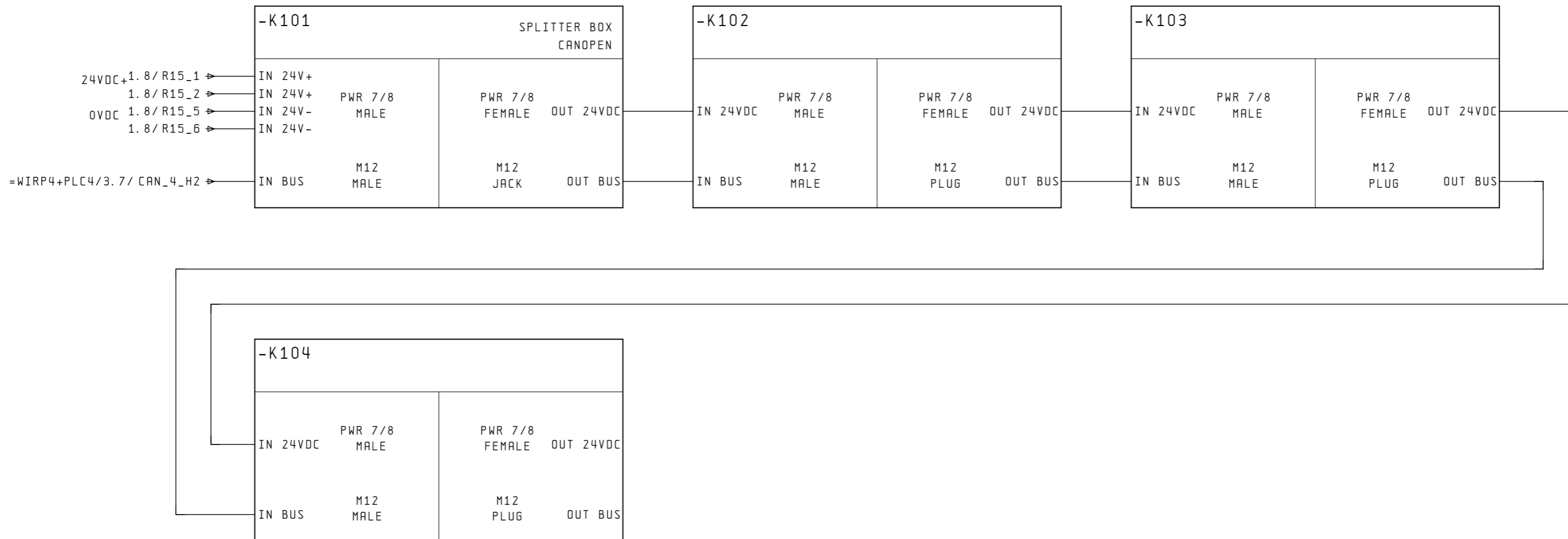


SUPPLY ABOUT
CIRCUAR
CONNECTOR

=WIRP4+SAF4/2

Change	Date	Name	Date		DP CANopen OPTIMIZED MP&A/AD&S	24V DC VOLTAGE SUPPLY FDB FIELD	Drawing number		= WIRP5	
			Stand.				14.02.06	User. HOE	33003614 COM5 1	+ COM5 DCO
			Stand.	First.	Created for	Created by.				

SEQUENCE IS NOT ABSOLUTELY CONECTION TREND!



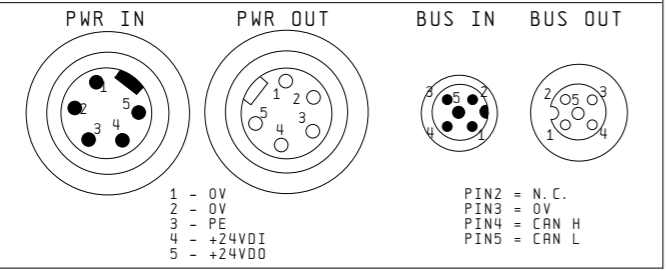
Date		14.02.06			DP CANopen OPTIMIZED		24V DC SUPPLY		Drawing number		= WIRP5	
User.		HOE			MP&A/AD&S		FTB		33003614		+ COM5	
Check.					Created for		Created by.		COM5 2		Pa. 2	
Change	Date	Name	Stand.	First.	Created for	Created by.			COM5 2		DCO 23 Bl.	

-K101

FTB 1CN-CANOPEN

MONOBLOCK IP 67-SPLITTER BOXES

M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 00 OR 10		1-24V+ 00 2-OUTPUT 00.1 3-0V 00.2 4-INPUT 00.3 5-PE 00.4	/8.1 24V+ /8.1 OUT /8.2 0V /8.3 LIGHT BARRIER CONVEYER 1 /8.4 PE
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 01 OR 11		1-24V+ 01 2-OUTPUT 01.1 3-0V 01.2 4-INPUT 01.3 5-PE 01.4	/8.5 24V+ /8.6 OUT /8.7 0V /8.7 LIGHT BARRIER CONVEYER 2 /8.8 PE
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 02 OR 12		1-24V 02 2-OUTPUT 02.1 3-0V 02.2 4-INPUT 02.3 5-PE 02.4	/9.1 24V+ /9.1 OUT /9.2 0V /9.3 LIGHT BARRIER CONVEYER 3 /9.4 PE
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 03 OR 13		1-24V 03 2-OUTPUT 03.1 3-0V 03.2 4-INPUT 03.3 5-PE 03.4	/9.5 Reserve /9.6 Reserve /9.7 Reserve /9.7 Reserve /9.8 Reserve
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 04 OR 14		1-24V+ 04 2-OUTPUT 04.1 3-0V 04.2 4-INPUT 04.3 5-PE 04.4	/10.1 Reserve /10.1 Reserve /10.2 Reserve /10.3 Reserve /10.4 Reserve
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 05 OR 15		1-24V+ 05 2-OUTPUT 05.1 3-0V 05.2 4-INPUT 05.3 5-PE 05.4	/10.5 Reserve /10.6 Reserve /10.7 Reserve /10.7 Reserve /10.8 Reserve
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 06 OR 16		1-24V+ 06 2-OUTPUT 06.1 3-0V 06.2 4-INPUT 06.3 5-PE 06.4	/11.1 Reserve /11.1 Reserve /11.2 Reserve /11.3 Reserve /11.4 Reserve
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 07 OR 17		1-24V+ 07 2-OUTPUT 07.1 3-0V 07.2 4-INPUT 07.3 5-PE 07.4	/11.5 Reserve /11.6 Reserve /11.7 Reserve /11.7 Reserve /11.8 Reserve



2

4

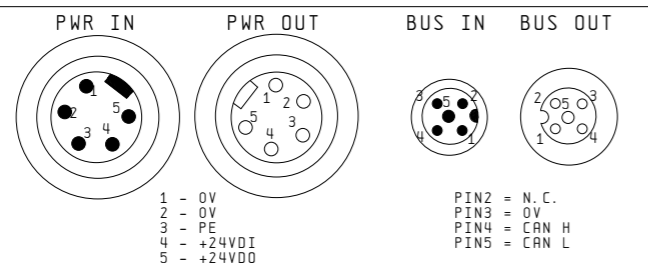
Date	14.02.06		DP CANopen OPTIMIZED	SPLITTERBOXES FTB IP67 I/O K101	Drawing number	= WIRP5 + COM5	
User.	HOE		MP&A/AD&S		33003614	Pa.	3
Change	Date		Name		Stand.	COM5 3	DCO

-K102

FTB 1CN-CANOPEN

MONOBLOCK IP 67-SPLITTER BOXES

M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 00 OR 10	1-24V+ 00 2-OUTPUT 3-0V 4-INPUT 5-PE 10		00.1 01 00.2 02 00.3 03 00.4 04 00.5 05	/12.1 /12.1 /12.2 /12.3 /12.4	24V+ OUT 0V INITIATOR POS. 1 PE
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 01 OR 11	1-24V+ 01 2-OUTPUT 3-0V 4-INPUT 5-PE 11		01.1 11 01.2 12 01.3 13 01.4 14 01.5 15	/12.5 /12.6 /12.7 /12.7 /12.8	24V+ OUT 0V INITIATOR POS. 1.2 PE
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 02 OR 12	1-24V 02 2-OUTPUT 3-0V 4-INPUT 5-PE 12		02.1 21 02.2 22 02.3 23 02.4 24 02.5 25	/13.1 /13.1 /13.2 /13.3 /13.4	24V+ OUT 0V INITIATOR POS. 2 PE
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 03 OR 13	1-24V 03 2-OUTPUT 3-0V 4-INPUT 5-PE 13		03.1 31 03.2 32 03.3 33 03.4 34 03.5 35	/13.5 /13.6 /13.7 /13.7 /13.8	24V+ OUT 0V INITIATOR POS. 2.2 PE
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 04 OR 14	1-24V+ 04 2-OUTPUT 3-0V 4-INPUT 5-PE 14		04.1 41 04.2 42 04.3 43 04.4 44 04.5 45	/14.1 /14.1 /14.2 /14.3 /14.4	Reserve Reserve Reserve Reserve Reserve
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 05 OR 15	1-24V+ 05 2-OUTPUT 3-0V 4-INPUT 5-PE 15		05.1 51 05.2 52 05.3 53 05.4 54 05.5 55	/14.5 /14.6 /14.7 /14.7 /14.8	Reserve Reserve Reserve Reserve Reserve
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 06 OR 16	1-24V+ 06 2-OUTPUT 3-0V 4-INPUT 5-PE 16		06.1 61 06.2 62 06.3 63 06.4 64 06.5 65	/15.1 /15.1 /15.2 /15.3 /15.4	Reserve Reserve Reserve Reserve Reserve
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 07 OR 17	1-24V+ 07 2-OUTPUT 3-0V 4-INPUT 5-PE 17		07.1 71 07.2 72 07.3 73 07.4 74 07.5 75	/15.5 /15.6 /15.7 /15.7 /15.8	Reserve Reserve Reserve Reserve Reserve

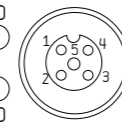
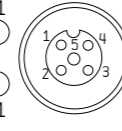
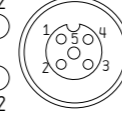
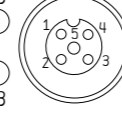
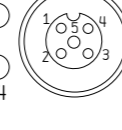
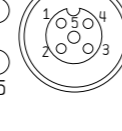
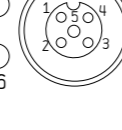
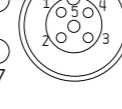


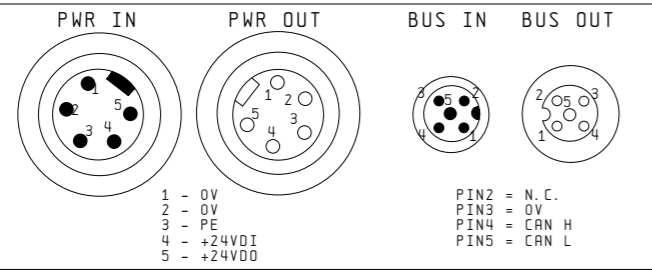
Date	14.02.06		DP CANopen OPTIMIZED	SPLITTERBOXES FTB IP67 I/O K102	Drawing number	= WIRP5 + COM5	
User.	HOE		MP&A/AD&S		33003614	Pa.	4
Check.			Created for		COM5 4	DCO	23 Bl.
Change	Date	Name	Stand.	First.	Created by.		

-K103

FTB 1CN-CANOPEN


MONOBLOCK IP 67-SPLITTER BOXES

M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 00 OR 10	<p>1-24V+ 00</p>  <p>2-OUTPUT 00.1 01 /16.1 24V+ 00.2 02 /16.1 OUT 3-0V 00.3 03 /16.2 0V 4-INPUT 00.4 04 /16.3 LIGHT BARRIER CONVEYER TURNTABLE 5-PE 10 00.5 05 /16.4 PE</p>
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 01 OR 11	<p>1-24V+ 01</p>  <p>2-OUTPUT 01.1 11 /16.5 Reserve 01.2 12 /16.6 Reserve 3-0V 01.3 13 /16.7 Reserve 4-INPUT 01.4 14 /16.7 Reserve 5-PE 11 01.5 15 /16.8 Reserve</p>
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 02 OR 12	<p>1-24V 02</p>  <p>2-OUTPUT 02.1 21 /17.1 Reserve 02.2 22 /17.1 Reserve 3-0V 02.3 23 /17.2 Reserve 4-INPUT 02.4 24 /17.3 Reserve 5-PE 12 02.5 25 /17.4 Reserve</p>
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 03 OR 13	<p>1-24V 03</p>  <p>2-OUTPUT 03.1 31 /17.5 Reserve 03.2 32 /17.6 Reserve 3-0V 03.3 33 /17.7 Reserve 4-INPUT 03.4 34 /17.7 Reserve 5-PE 13 03.5 35 /17.8 Reserve</p>
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 04 OR 14	<p>1-24V+ 04</p>  <p>2-OUTPUT 04.1 41 /18.1 Reserve 04.2 42 /18.1 Reserve 3-0V 04.3 43 /18.2 Reserve 4-INPUT 04.4 44 /18.3 Reserve 5-PE 14 04.5 45 /18.4 Reserve</p>
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 05 OR 15	<p>1-24V+ 05</p>  <p>2-OUTPUT 05.1 51 /18.5 Reserve 05.2 52 /18.6 Reserve 3-0V 05.3 53 /18.7 Reserve 4-INPUT 05.4 54 /18.7 Reserve 5-PE 15 05.5 55 /18.8 Reserve</p>
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 06 OR 16	<p>1-24V+ 06</p>  <p>2-OUTPUT 06.1 61 /19.1 Reserve 06.2 62 /19.1 Reserve 3-0V 06.3 63 /19.2 Reserve 4-INPUT 06.4 64 /19.3 Reserve 5-PE 16 06.5 65 /19.4 Reserve</p>
M12 FEMALE CONNECTORS TO CHANNELS PER CONNECTOR CHANNEL NO. 07 OR 17	<p>1-24V+ 07</p>  <p>2-OUTPUT 07.1 71 /19.5 Reserve 07.2 72 /19.6 Reserve 3-0V 07.3 73 /19.7 Reserve 4-INPUT 07.4 74 /19.7 Reserve 5-PE 17 07.5 75 /19.8 Reserve</p>



4

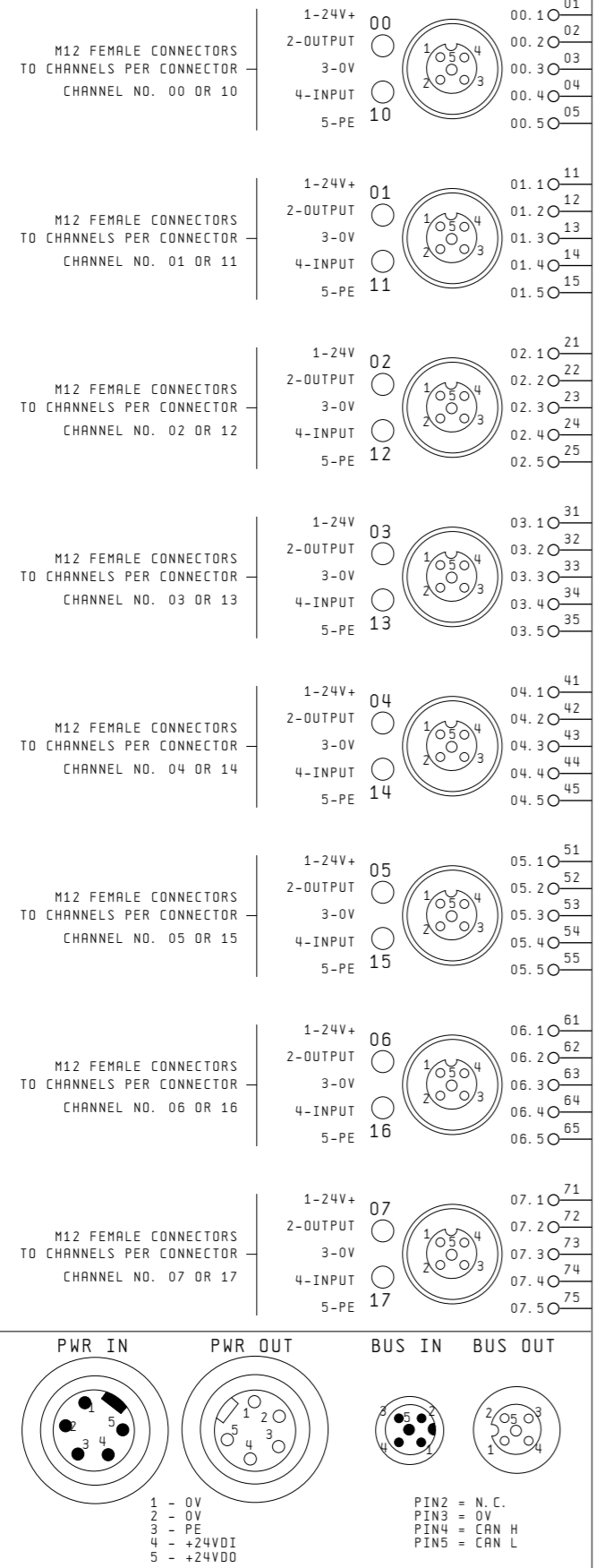
6

Date	14.02.06		DP CANopen OPTIMIZED	SPLITTERBOXES FTB IP67 I/O K103	Drawing number	= WIRP5 + COM5	
User.	HOE		MP&A/AD&S		33003614	Pa.	5
Change	Date		Name		Stand.	COM5 5	DCO

-K104

FTB 1CN-CANOPEN

MONOBLOCK IP 67-SPLITTER BOXES

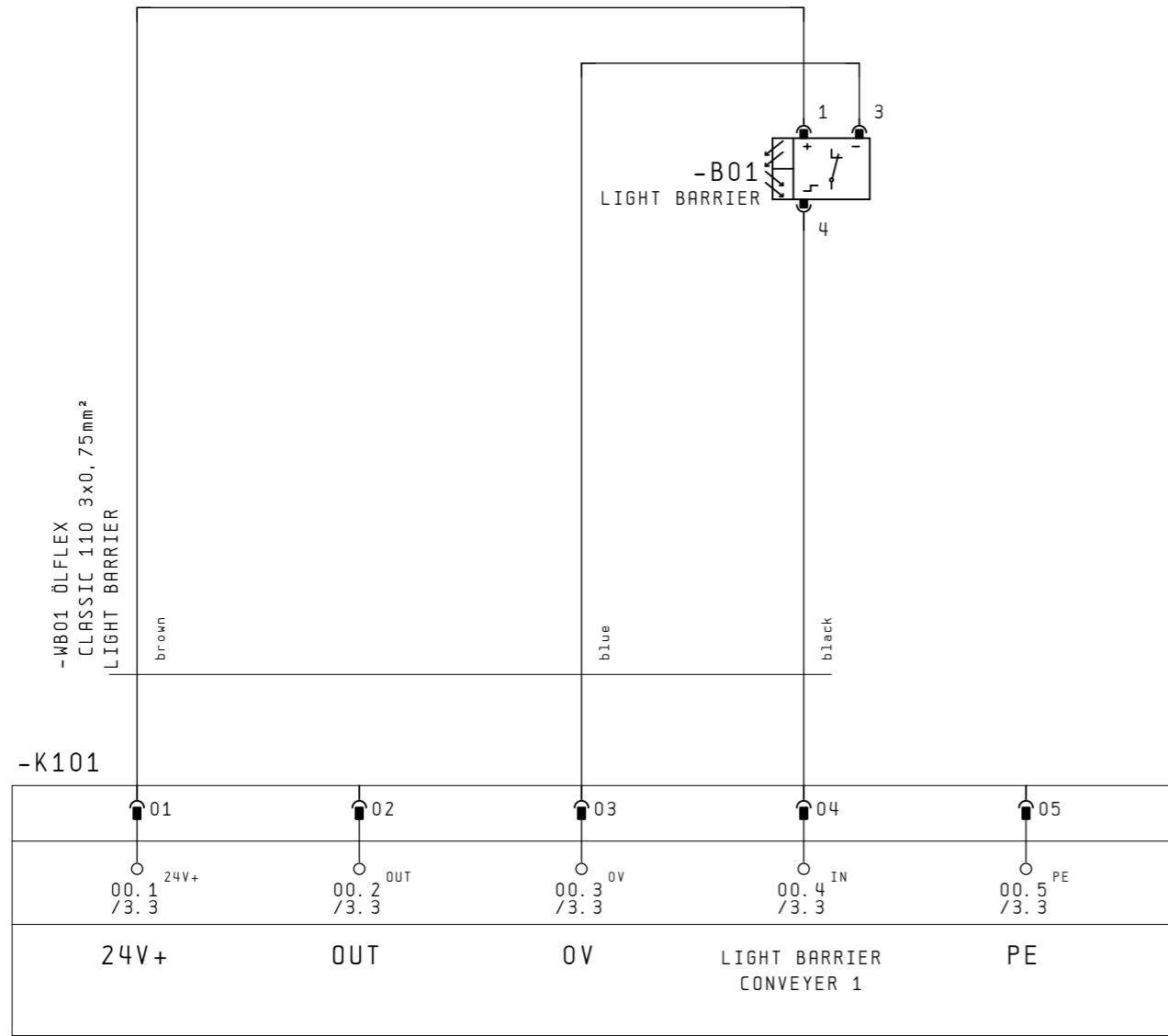


1-24V+	00	00.1	01	/20.1	24V+
2-OUTPUT	00	00.2	02	/20.1	OUT
3-0V	00	00.3	03	/20.2	0V
4-INPUT	00	00.4	04	/20.3	LIGHT BARRIER CONVEYER FROM/ON
5-PE	10	00.5	05	/20.4	PE
1-24V+	01	01.1	11	/20.5	Reserve
2-OUTPUT	01	01.2	12	/20.6	Reserve
3-0V	01	01.3	13	/20.7	Reserve
4-INPUT	01	01.4	14	/20.7	Reserve
5-PE	11	01.5	15	/20.8	Reserve
1-24V	02	02.1	21	/21.1	Reserve
2-OUTPUT	02	02.2	22	/21.1	Reserve
3-0V	02	02.3	23	/21.2	Reserve
4-INPUT	02	02.4	24	/21.3	Reserve
5-PE	12	02.5	25	/21.4	Reserve
1-24V	03	03.1	31	/21.5	Reserve
2-OUTPUT	03	03.2	32	/21.6	Reserve
3-0V	03	03.3	33	/21.7	Reserve
4-INPUT	03	03.4	34	/21.7	Reserve
5-PE	13	03.5	35	/21.8	Reserve
1-24V+	04	04.1	41	/22.1	Reserve
2-OUTPUT	04	04.2	42	/22.1	Reserve
3-0V	04	04.3	43	/22.2	Reserve
4-INPUT	04	04.4	44	/22.3	Reserve
5-PE	14	04.5	45	/22.4	Reserve
1-24V+	05	05.1	51	/22.5	Reserve
2-OUTPUT	05	05.2	52	/22.6	Reserve
3-0V	05	05.3	53	/22.7	Reserve
4-INPUT	05	05.4	54	/22.7	Reserve
5-PE	15	05.5	55	/22.8	Reserve
1-24V+	06	06.1	61	/23.1	Reserve
2-OUTPUT	06	06.2	62	/23.1	Reserve
3-0V	06	06.3	63	/23.2	Reserve
4-INPUT	06	06.4	64	/23.3	Reserve
5-PE	16	06.5	65	/23.4	Reserve
1-24V+	07	07.1	71	/23.5	Reserve
2-OUTPUT	07	07.2	72	/23.6	Reserve
3-0V	07	07.3	73	/23.7	Reserve
4-INPUT	07	07.4	74	/23.7	Reserve
5-PE	17	07.5	75	/23.8	Reserve

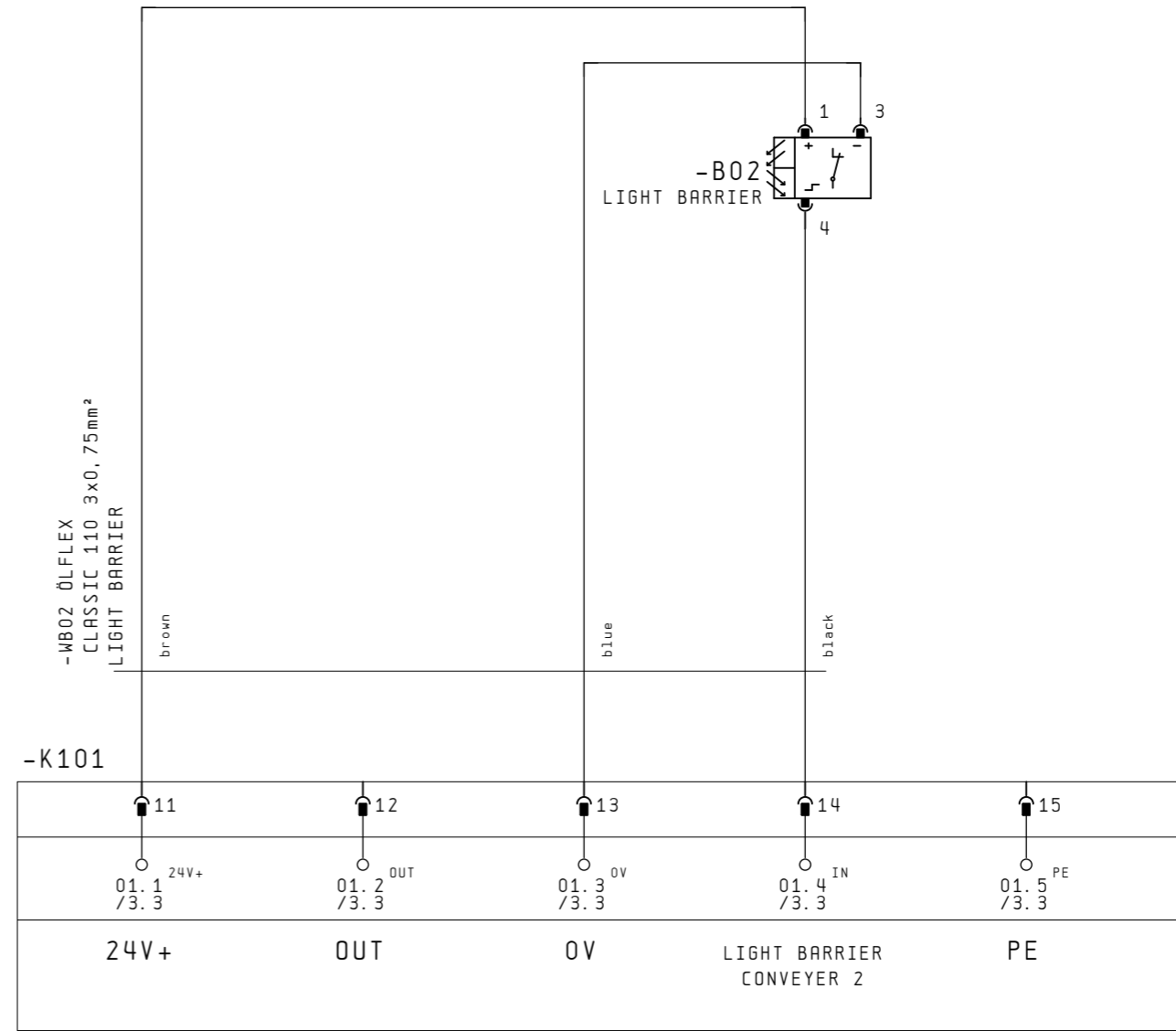
5

8

Date		14.02.06			DP CANopen OPTIMIZED		SPLITTERBOXES FTB IP67 I/O		Drawing number		= WIRP5	
User.		HOE			MP&A/AD&S		K104		33003614		+ COM5	
Check.					Created for		Created by.		COM5 6		Pa. 6	
Change	Date	Name	Stand.	First.	Created for	Created by.			COM5 6		DCO	
											23 Bl.	

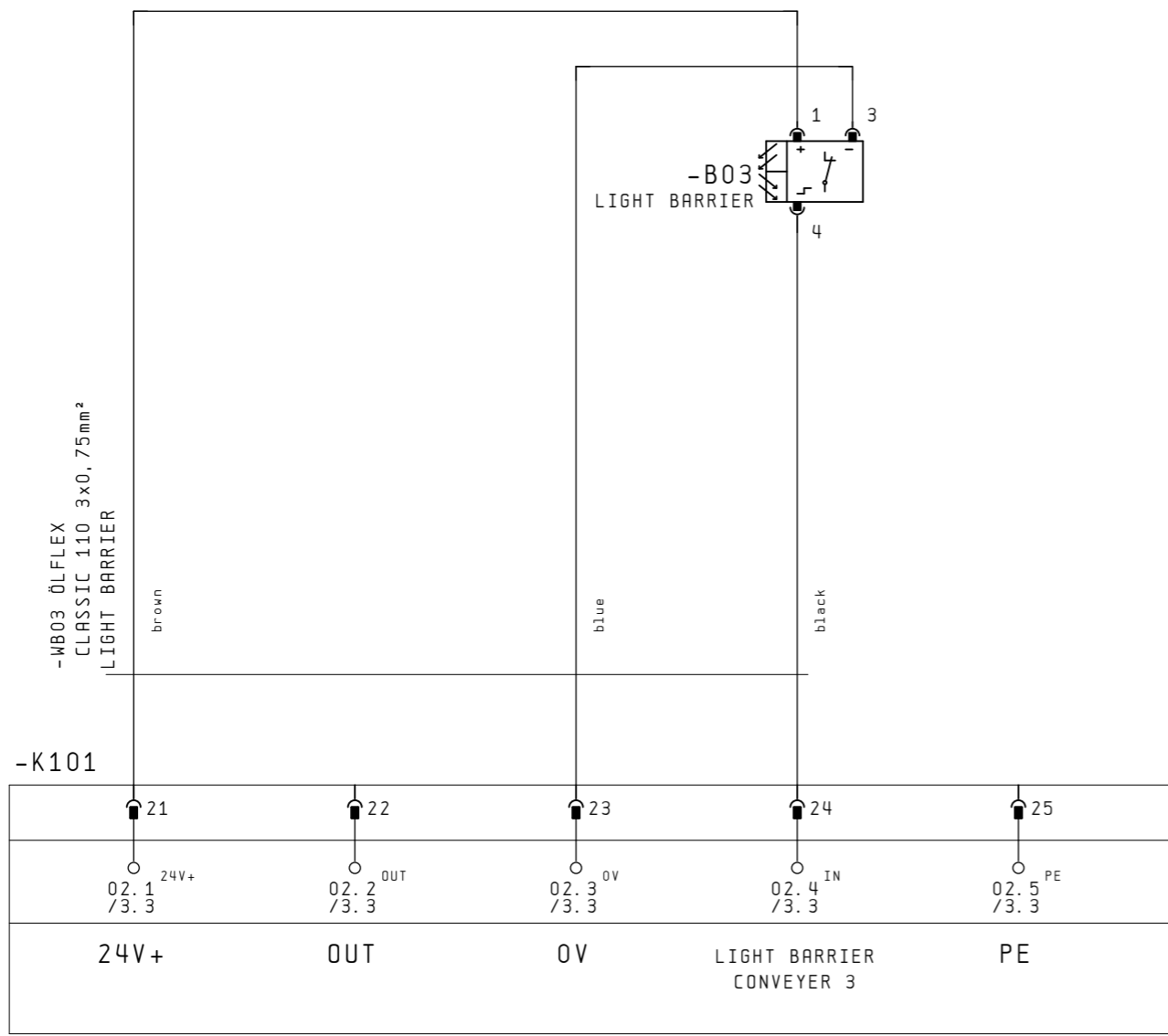


FTB 1CN-CANOPEN

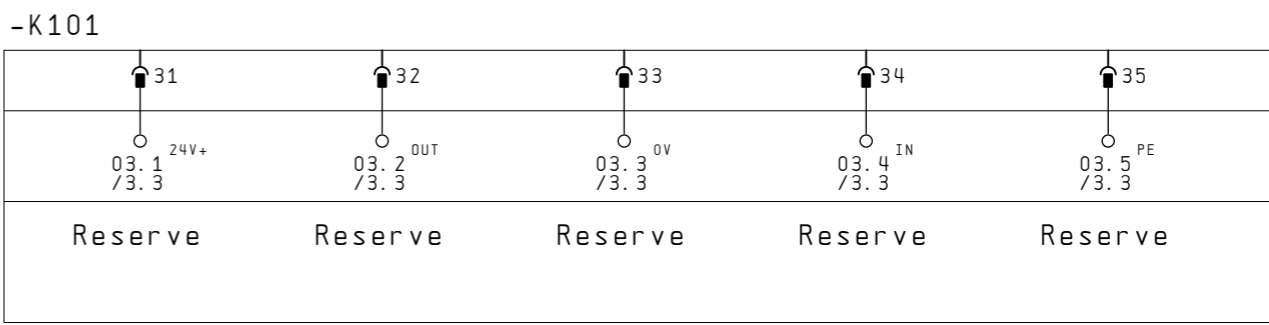


FTB 1CN-CANOPEN

		Date	14.02.06			DP CANopen OPTIMIZED		VOLTAGE SUPPLY		Drawing number		= WIRP5			
		User.	hoe			MP&A/AD&S		PLC		33003614		+ COM5			
		Check.				Created for		Created by.		COM5 8		DCO		Pa. 8	
Change	Date	Name	Stand.	First.	Created for	Created by.							23 Bl.		

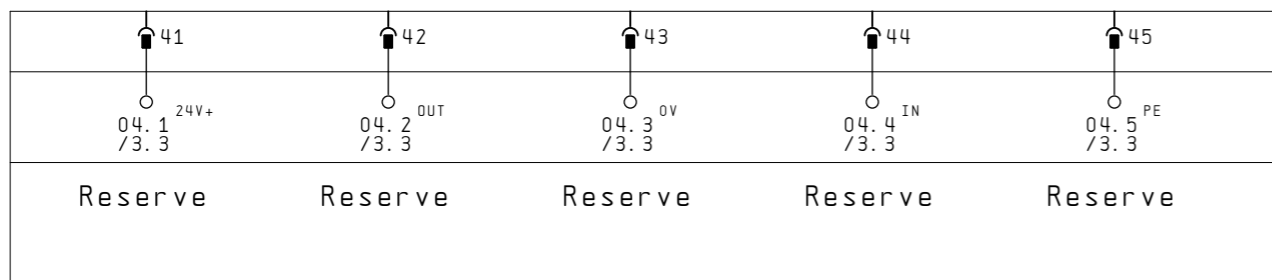


FTB 1CN-CANOPEN



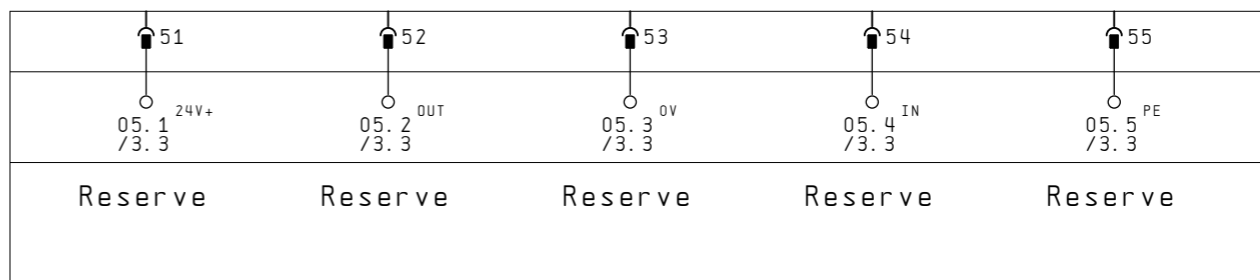
FTB 1CN-CANOPEN

-K101




FTB 1CN-CANOPEN

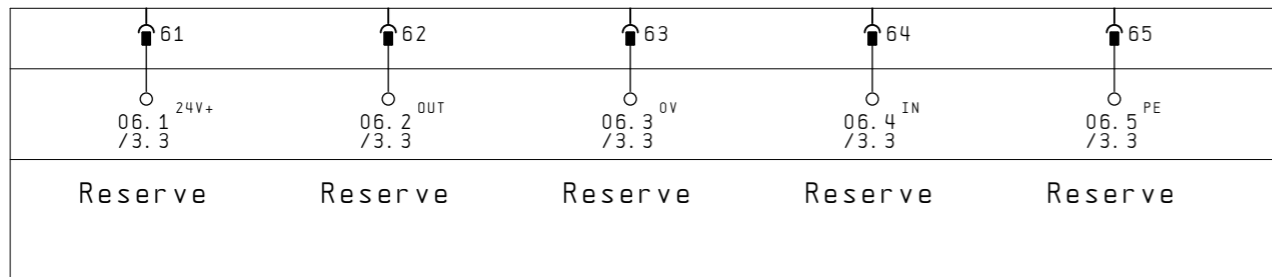
-K101



FTB 1CN-CANOPEN

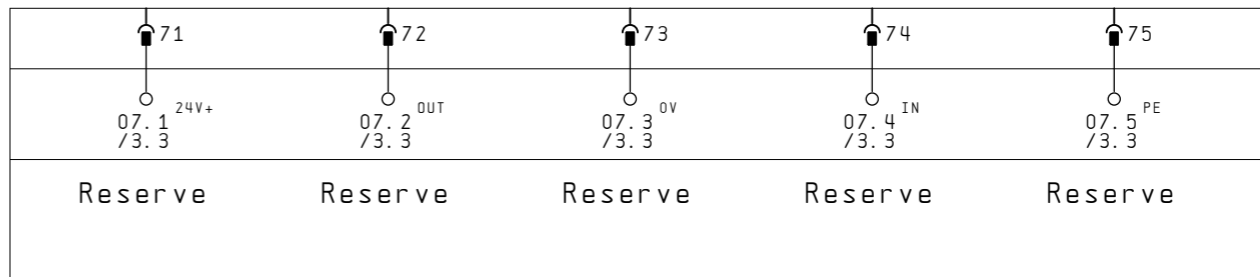
		Date	14.02.06		DP CANopen OPTIMIZED	FTB IP67 I/O	Drawing number		= WIRP5			
		User.	HOE		MP&A/AD&S		33003614		+ COM5		Pa.	10
Change	Date	Name	Stand.		First.		Created for	Created by.	COM5 10		DCO	23 Bl.

-K101







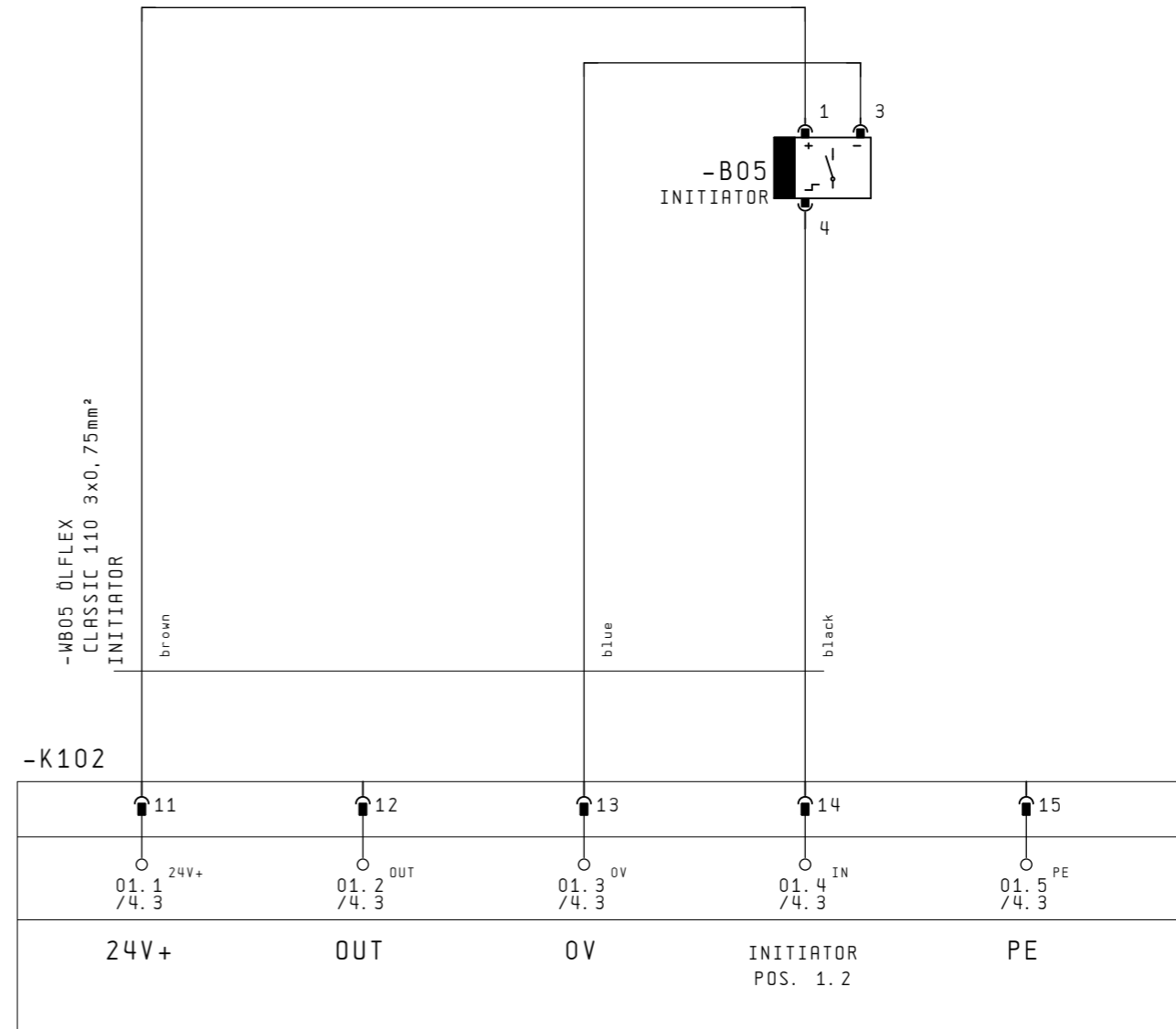
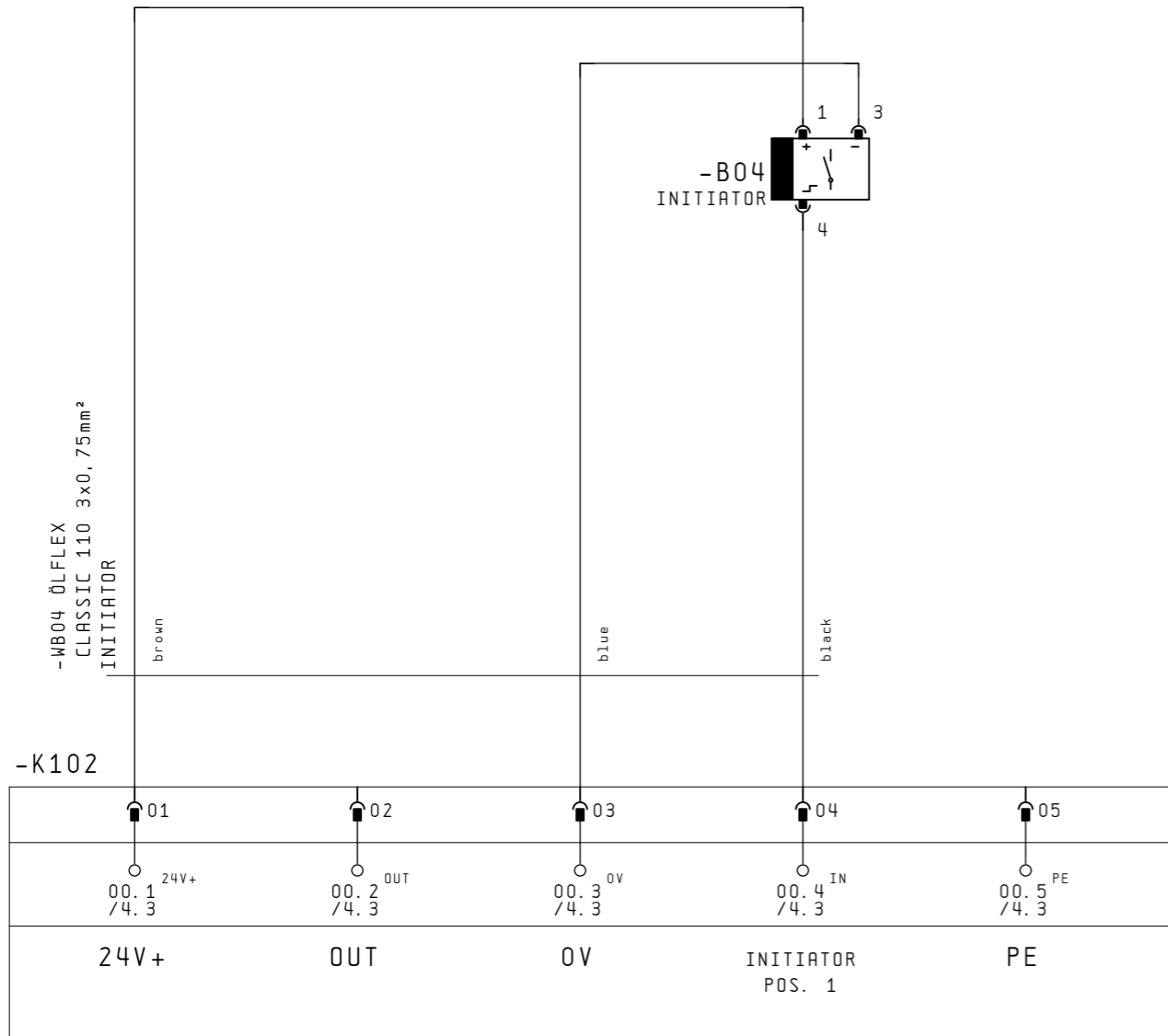
FTB 1CN-CANOPEN

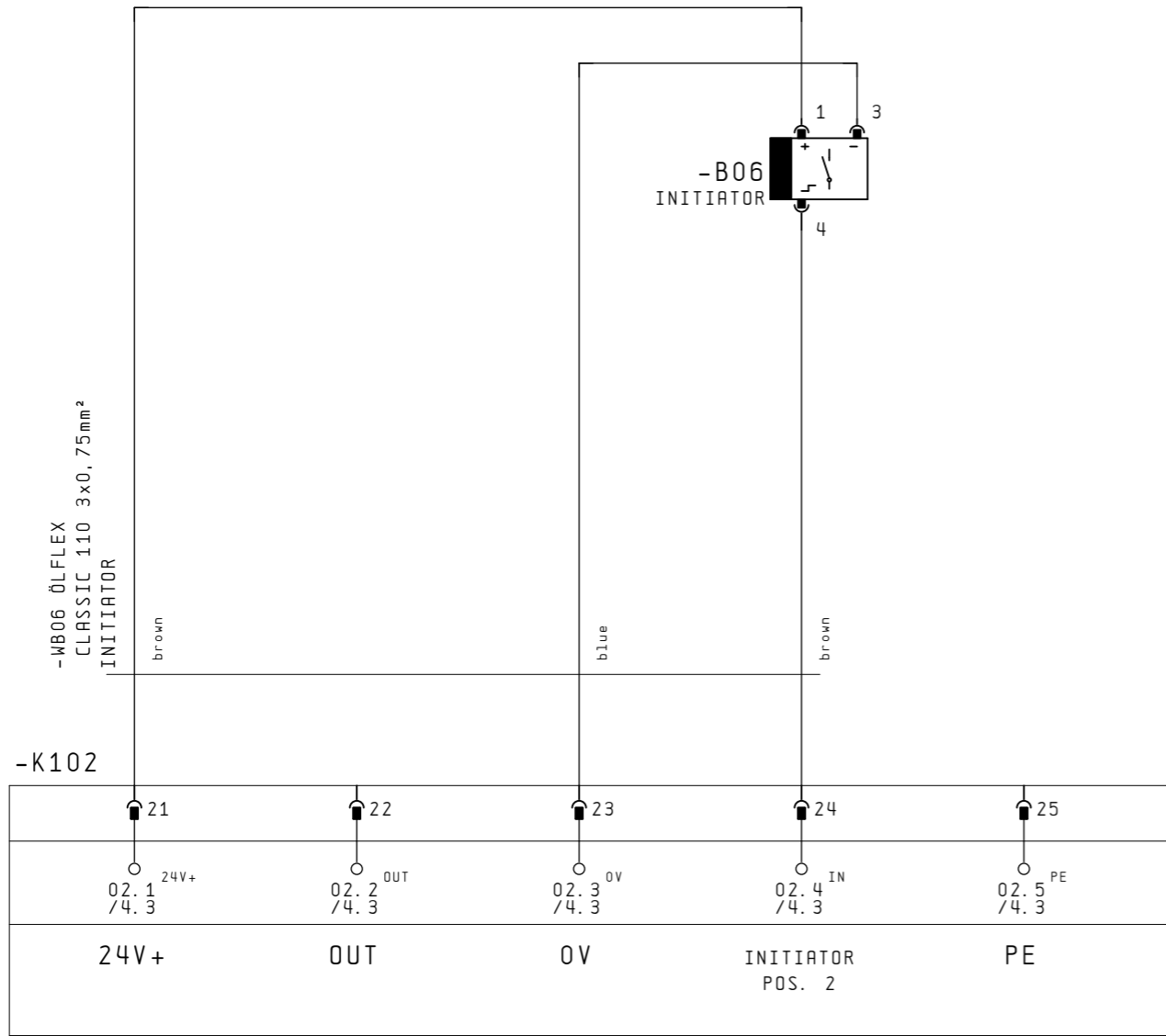
-K101



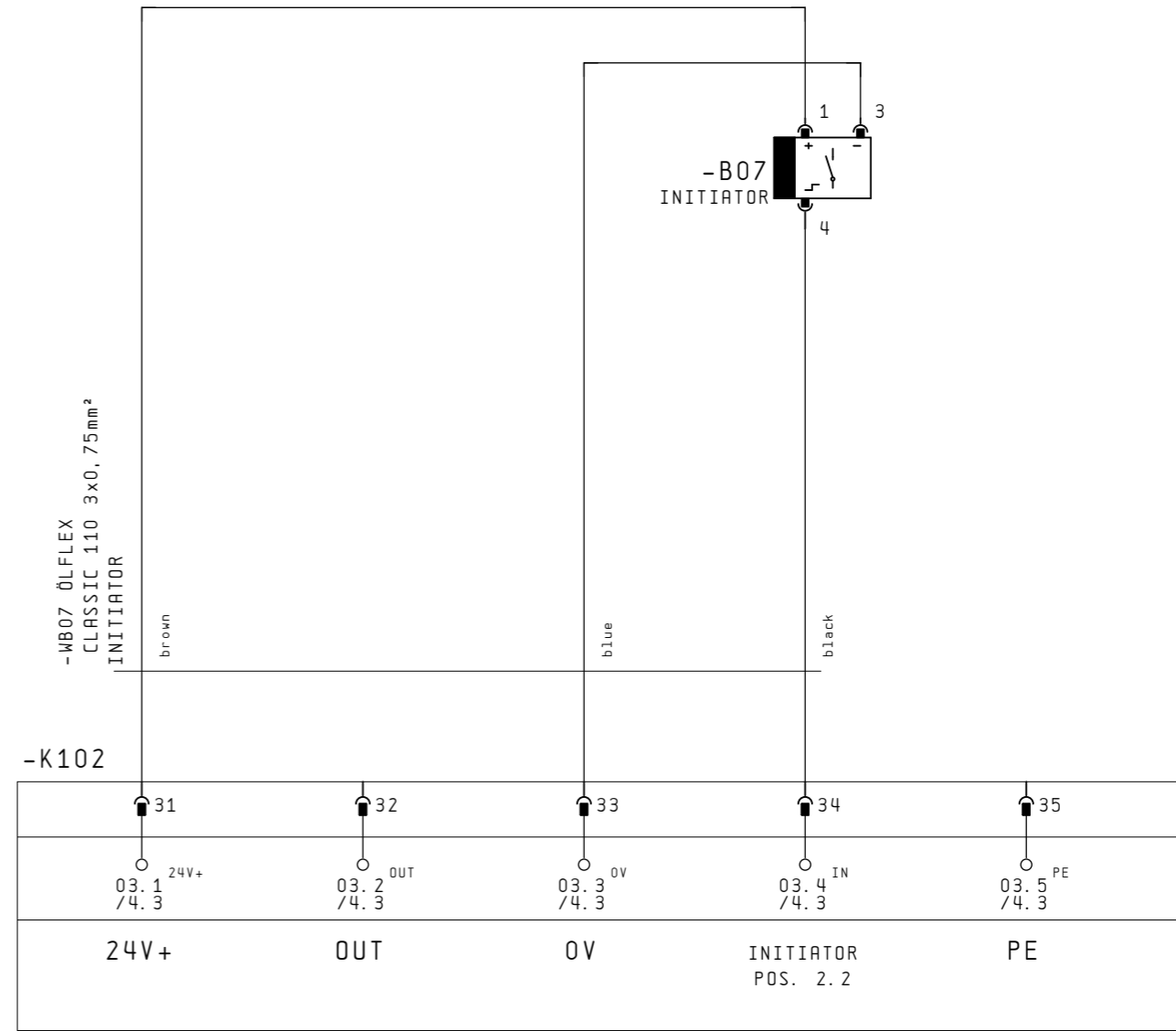
FTB 1CN-CANOPEN

		Date	14.02.06	  		DP CANopen OPTIMIZED	FTB IP67 I/O	Drawing number		= WIRP5	
		User.	HOE			33003614		+ COM5			
Change	Date	Name	Stand.			COM5 11		DCO	Pa.	11	
				First.	Created for	Created by.					23 Bl.



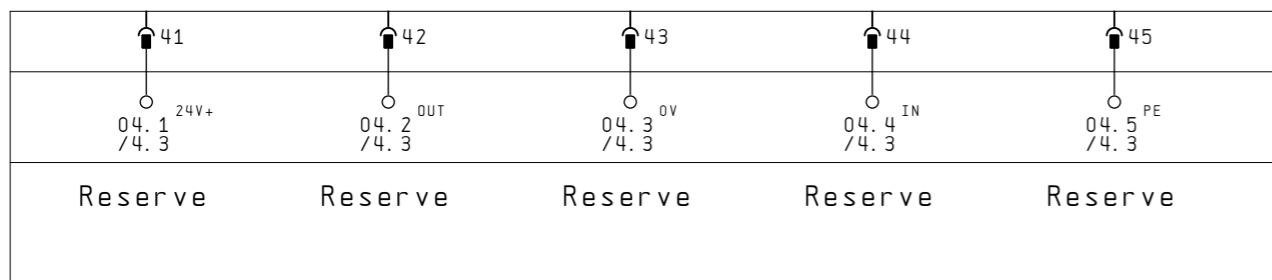


FTB 1CN-CANOPEN



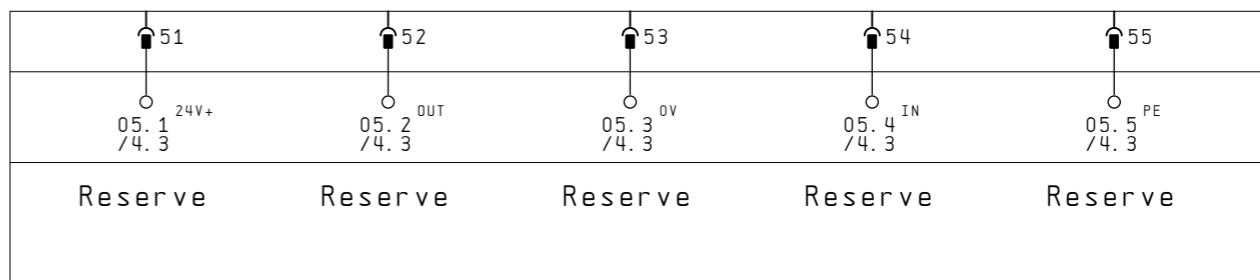
FTB 1CN-CANOPEN

-K102







FTB 1CN-CANOPEN

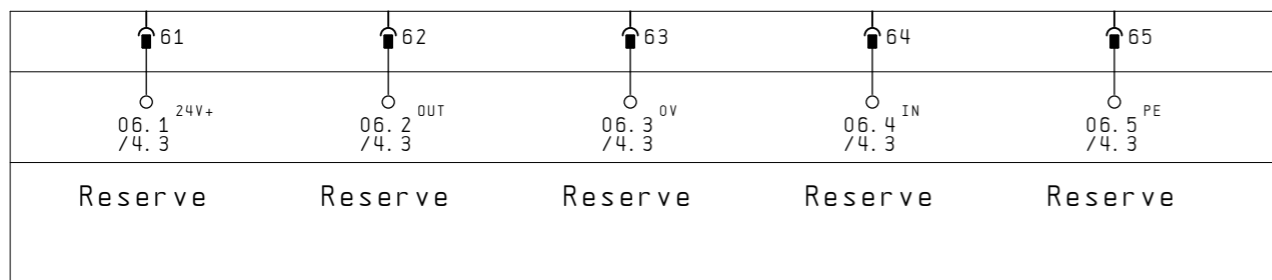
-K102



FTB 1CN-CANOPEN

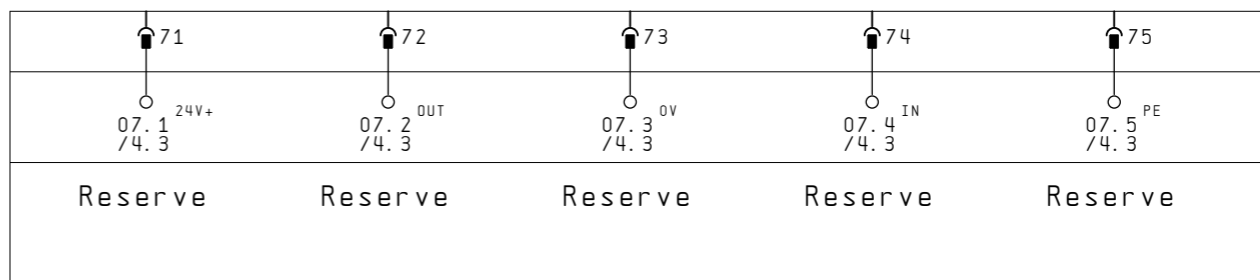
		Date	14.02.06	   	DP CANopen OPTIMIZED	FTB IP67 I/O	Drawing number		= WIRP5	
		User.	HOE		MP&A/AD&S		33003614		+ COM5	
Change	Date	Name	Stand.		First.		Created for	Created by.	COM5 14	DCO

-K102







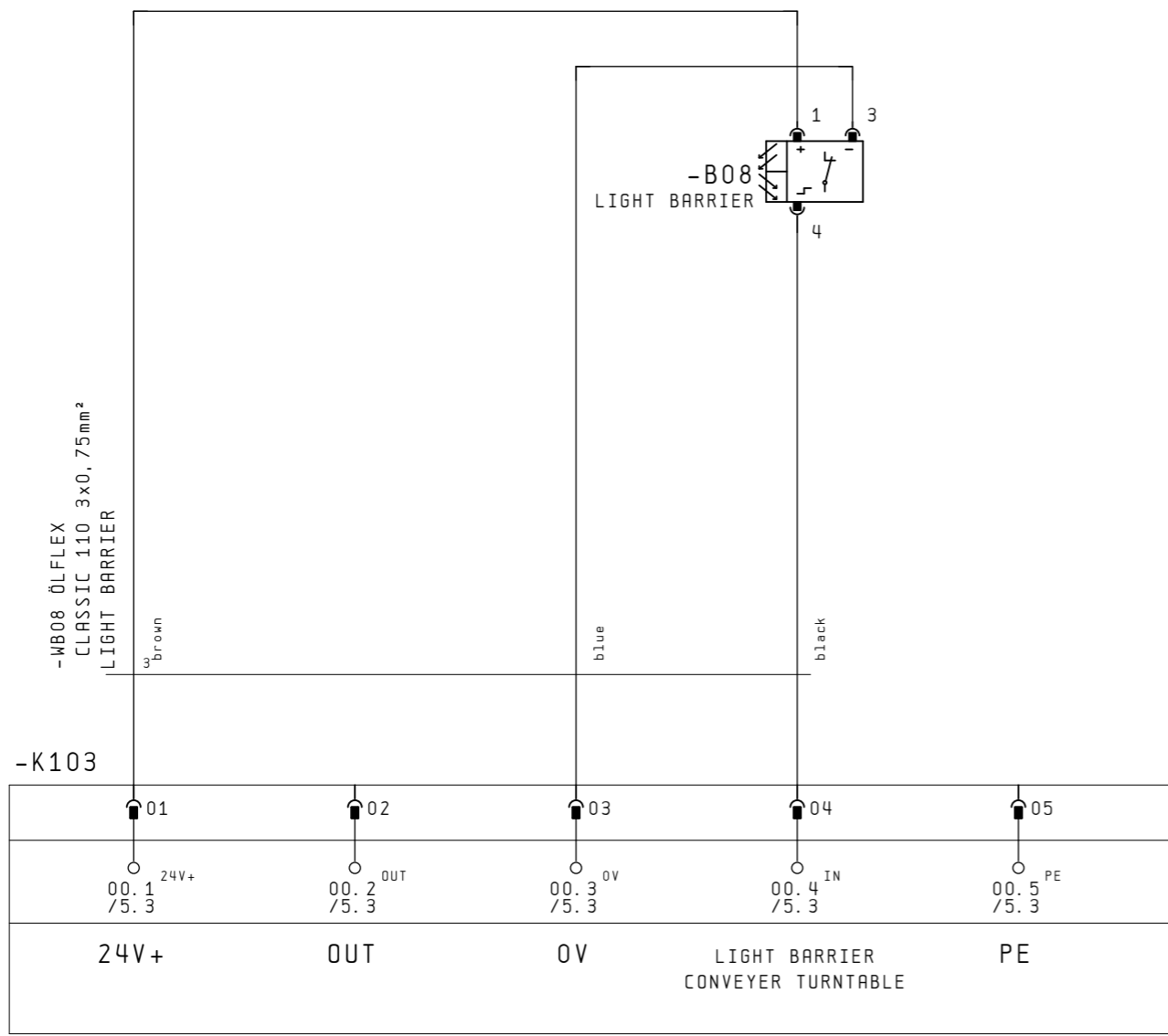
FTB 1CN-CANOPEN

-K102

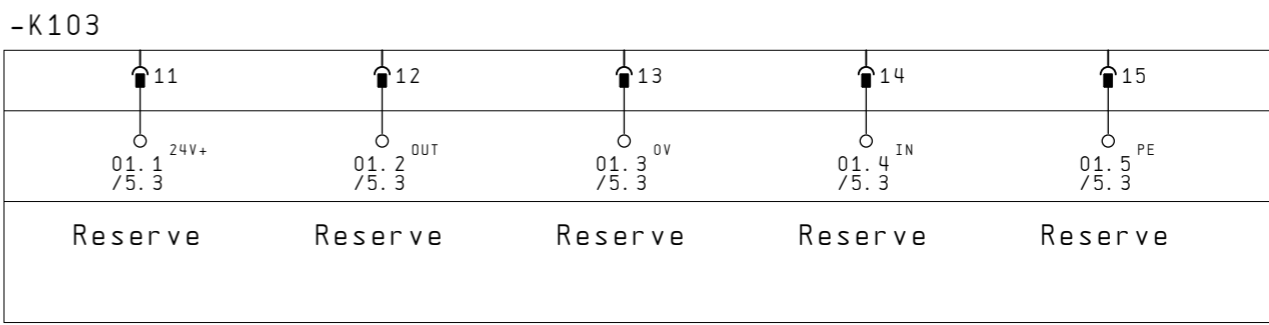


FTB 1CN-CANOPEN

		Date	14.02.06	  		DP CANopen OPTIMIZED	FTB IP67 I/O	Drawing number		= WIRP5	
		User.	HOE			33003614		+ COM5			
Change	Date	Name	Stand.			COM5 15		DCO	Pa.	15	
				First.	Created for	Created by.					23 Bl.

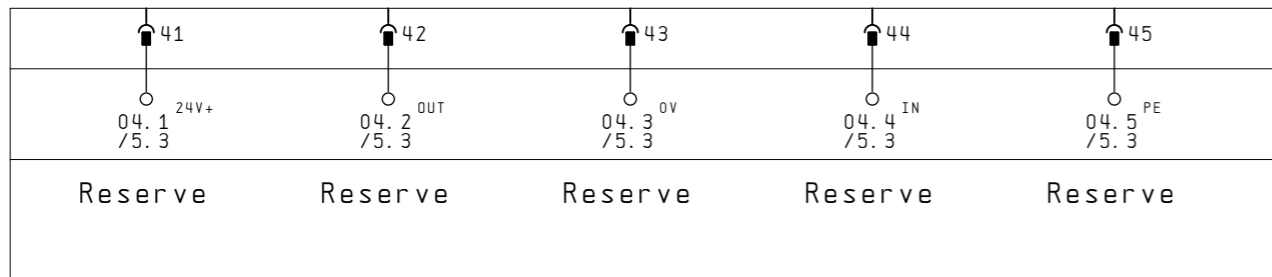


FTB 1CN-CANOPEN



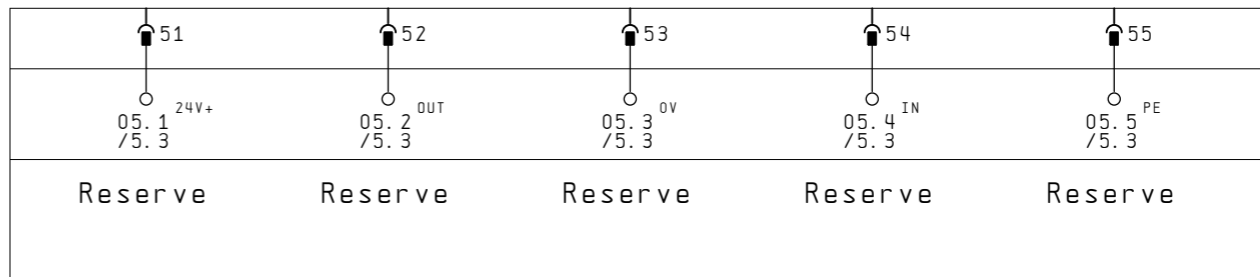
FTB 1CN-CANOPEN

-K103







FTB 1CN-CANOPEN

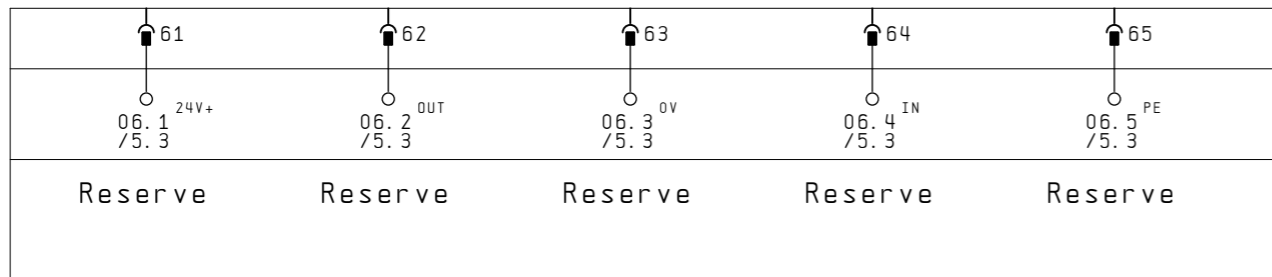
-K103



FTB 1CN-CANOPEN

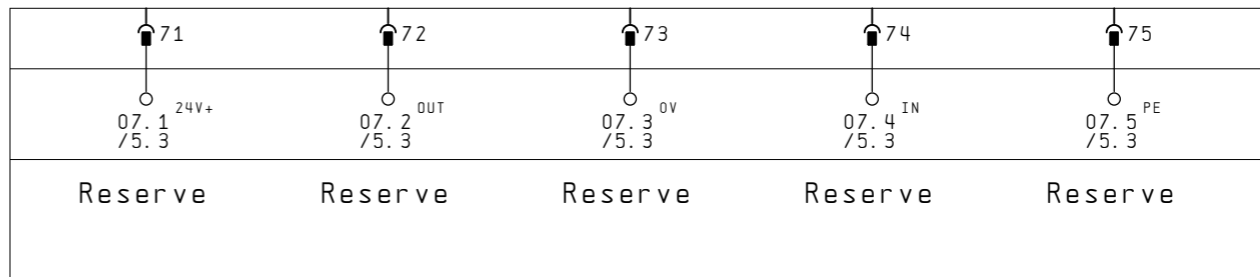
Change	Date	Name	Date	  		DP CANOpen OPTIMIZED	FTB IP67 I/O	Drawing number 33003614	= WIRP5
			Stand.			First. Created for		Created by.	COM5 18
								DCO	Pa. 18
									23 Bl.

-K103




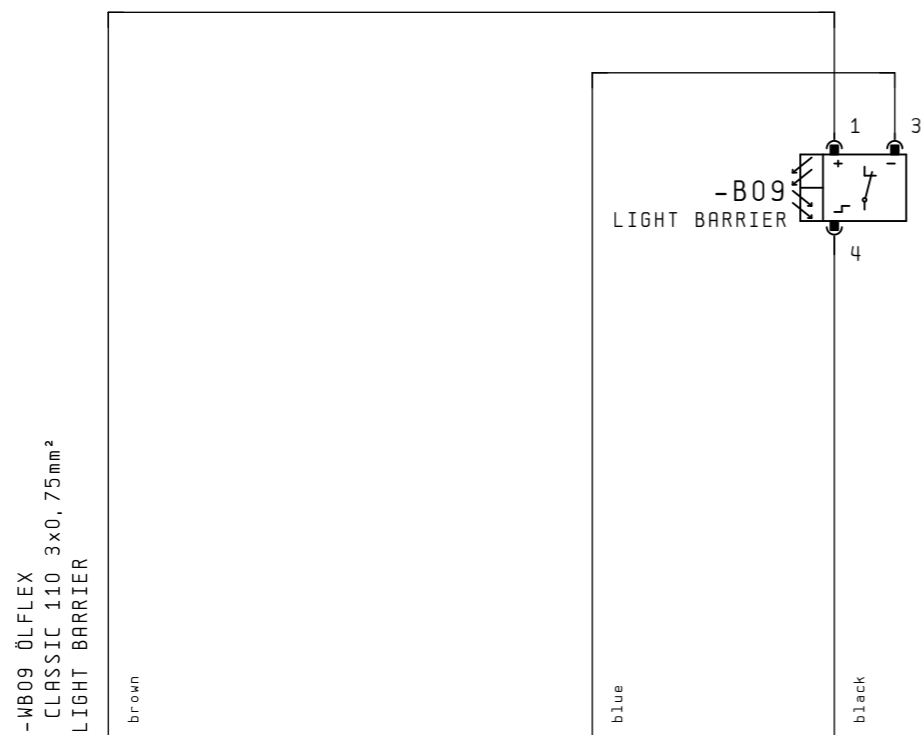
FTB 1CN-CANOPEN

-K103



FTB 1CN-CANOPEN

		Date	14.02.06		DP CANopen OPTIMIZED	FTB IP67 I/O	Drawing number		= WIRP5		
		User.	HOE		MP&A/AD&S		33003614		+ COM5		
Change	Date	Name	Stand.		First.		Created for	Created by.	COM5 19		DCO



-K104

01	02	03	04	05
00.1 ^{24V+} /6.3	00.2 ^{OUT} /6.3	00.3 ^{0V} /6.3	00.4 ^{IN} /6.3	00.5 ^{PE} /6.3
24V+	OUT	0V	LIGHT BARRIER CONVEYER FROM/ON	PE

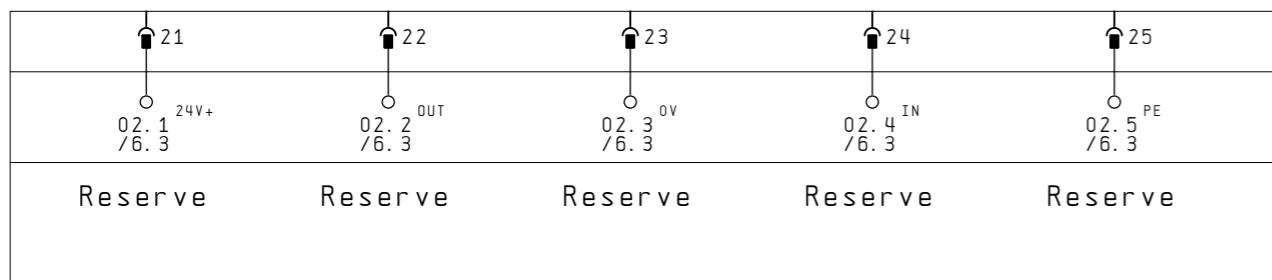
FTB 1CN-CANOPEN

-K104

11	12	13	14	15
01.1 ^{24V+} /6.3	01.2 ^{OUT} /6.3	01.3 ^{0V} /6.3	01.4 ^{IN} /6.3	01.5 ^{PE} /6.3
Reserve	Reserve	Reserve	Reserve	Reserve

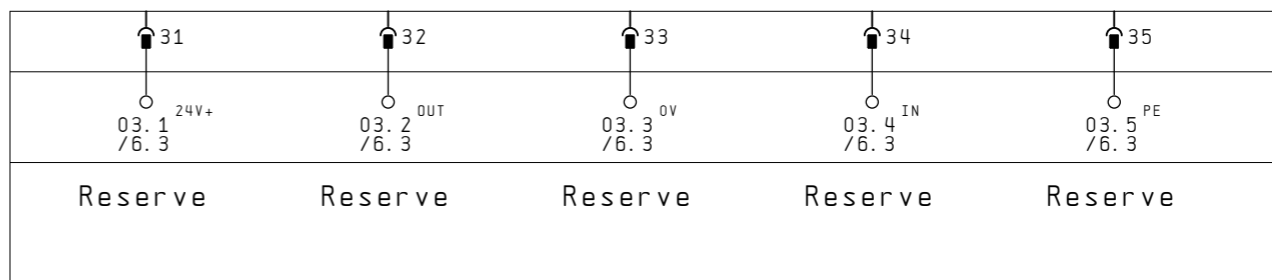
FTB 1CN-CANOPEN

-K104







FTB 1CN-CANOPEN

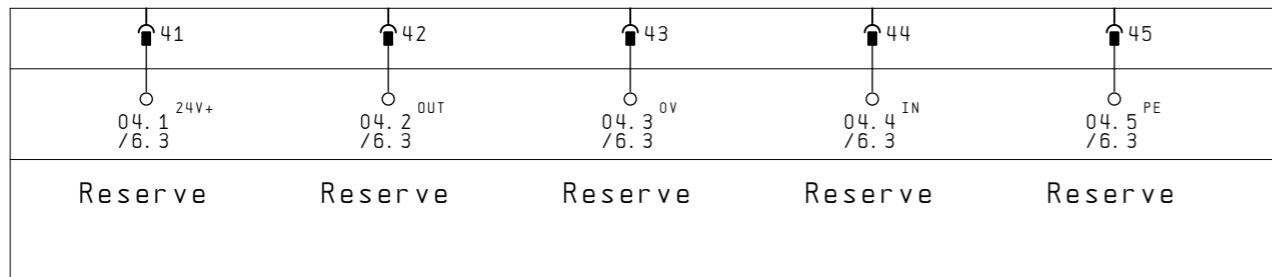
-K104



FTB 1CN-CANOPEN

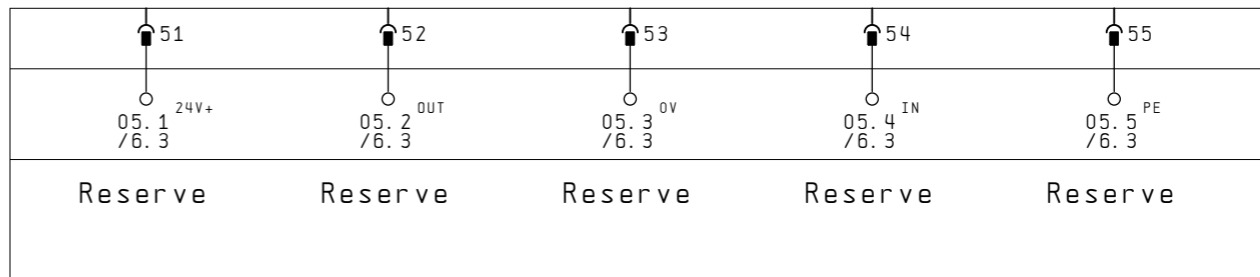
Change	Date	Name	Date	  		DP CANopen OPTIMIZED	VOLTAGE SUPPLY PLC	Drawing number 33003614	= WIRP5 + COM5
			Stand.			First.		Created for	Created by.

-K104







FTB 1CN-CANOPEN

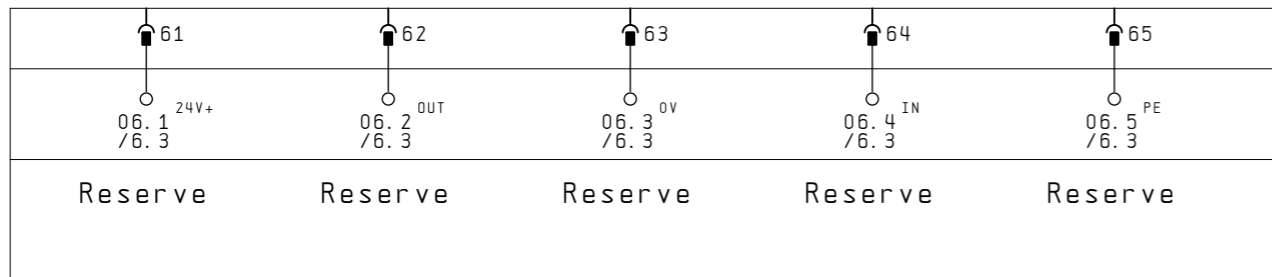
-K104



FTB 1CN-CANOPEN

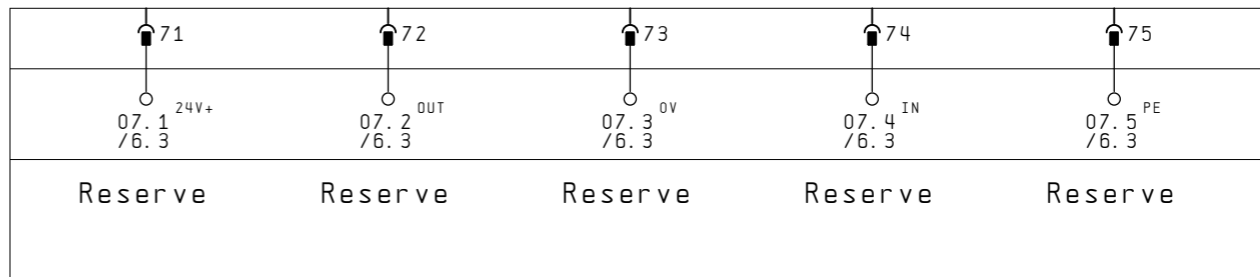
		Date	14.02.06	   	DP CANopen OPTIMIZED	FTB IP67 I/O	Drawing number		= WIRP5	
		User.	HOE		MP&A/AD&S		33003614		+ COM5	
Change	Date	Name	Stand.		First.		Created for	Created by.	COM5 22	
							DCO		23 Bl.	

-K104







FTB 1CN-CANOPEN

-K104

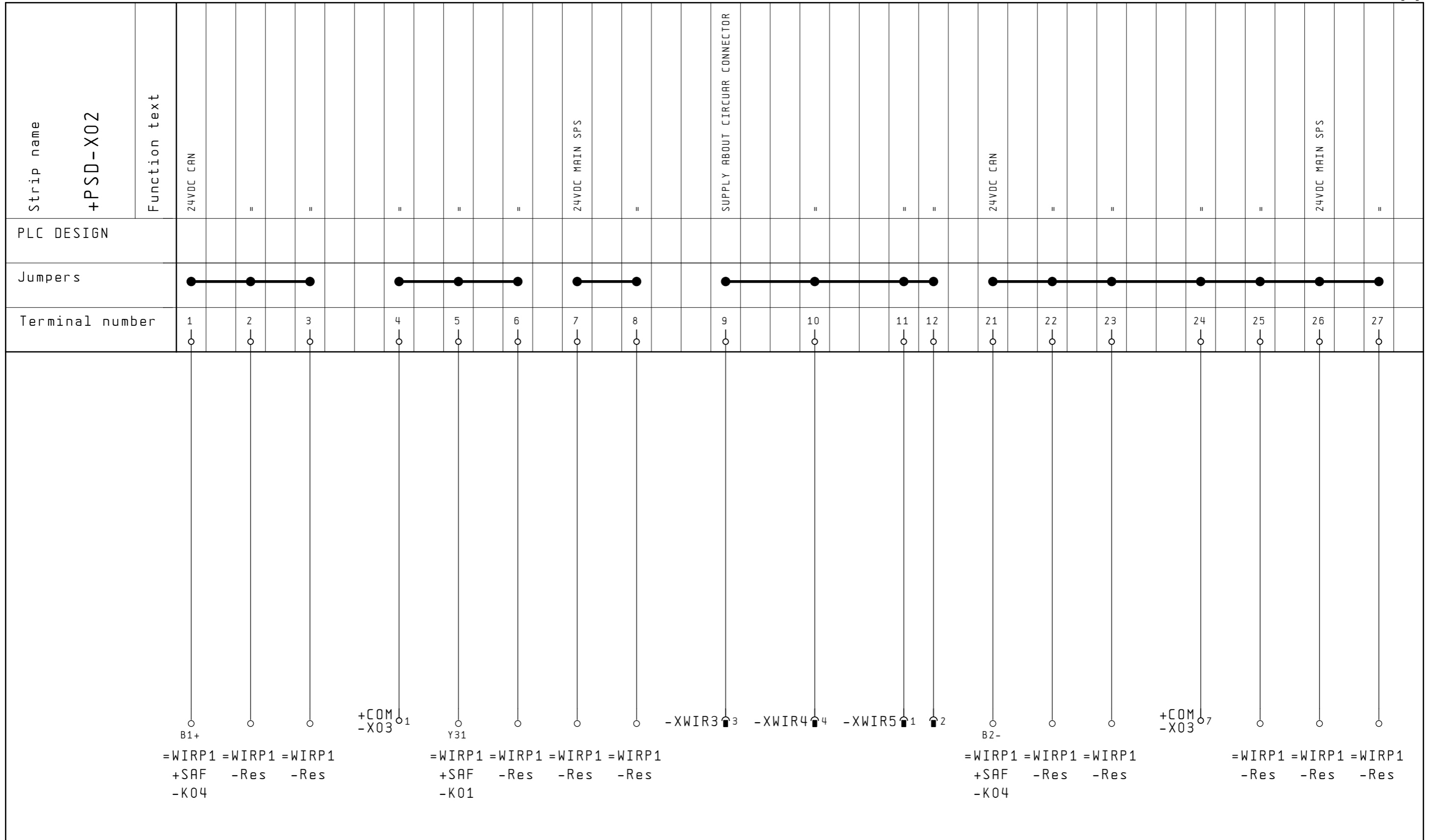


FTB 1CN-CANOPEN

		Date	14.02.06	  		DP CANopen OPTIMIZED	FTB IP67 I/O	Drawing number	= WIRP5	
		User.	HOE			MP&A/AD&S		33003614	+ COM5	
Change	Date	Name	Stand.			First.		Created for	Created by.	COM5 23

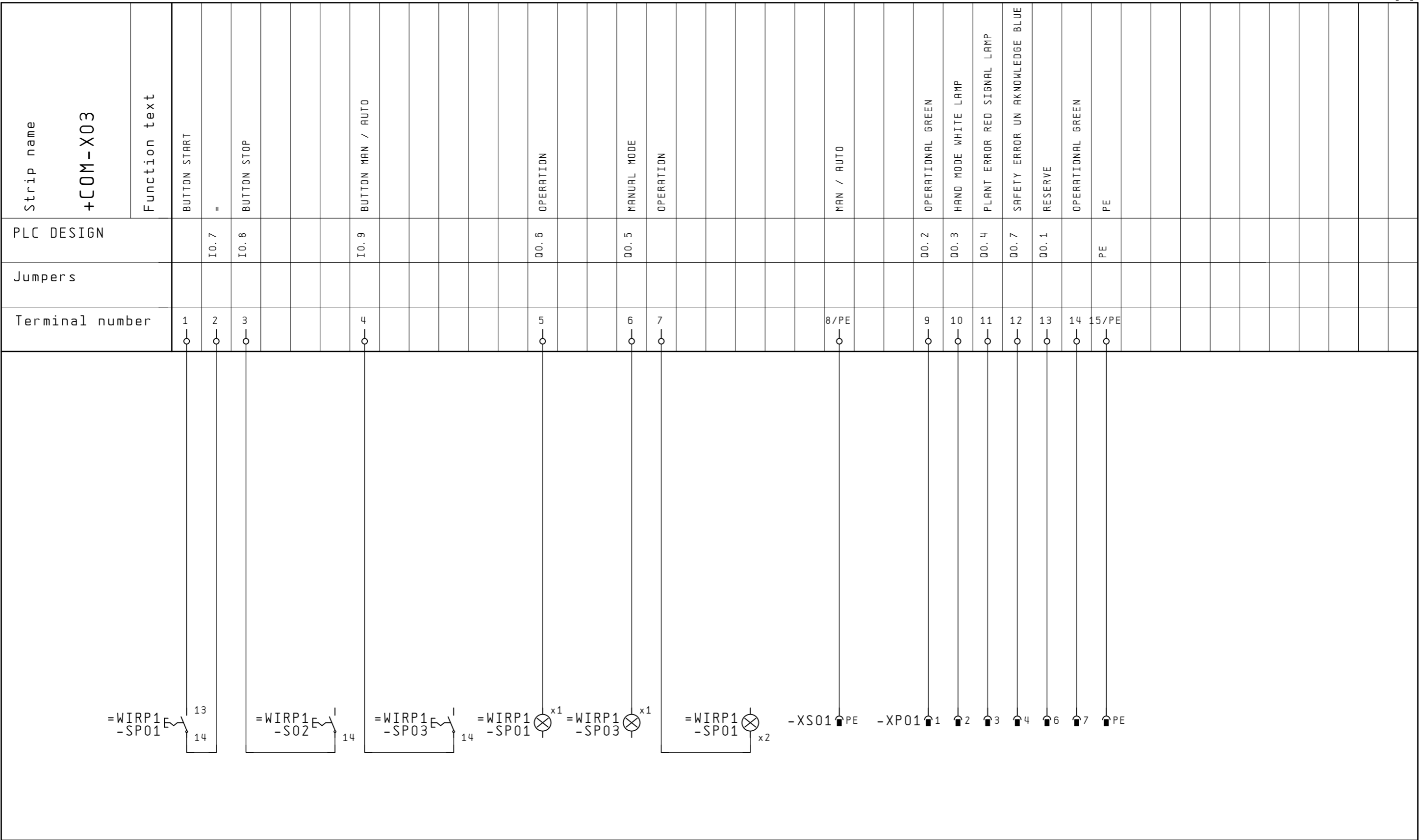
Terminal connection diagramm

SCHNEIDER_KL_1



Terminal connection diagramm

SCHNEIDER_KL_1

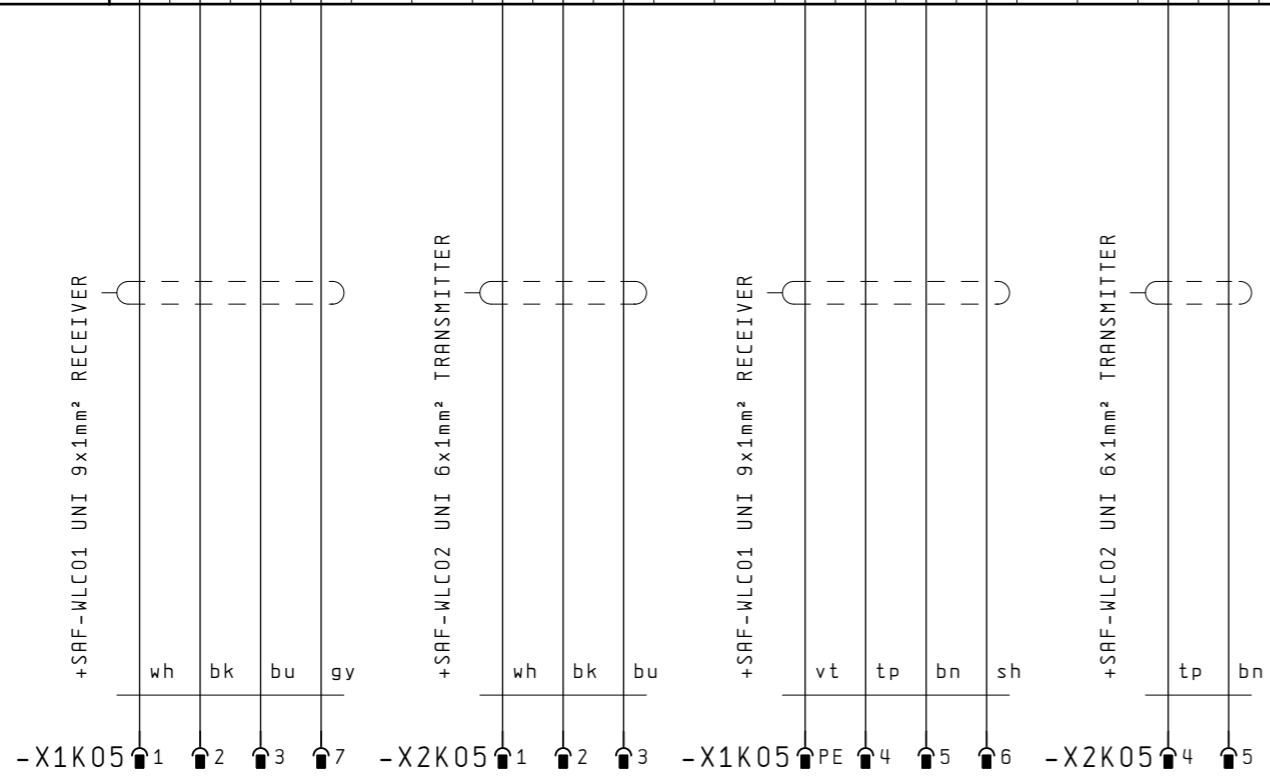


Date	14.02.06		DP CANopen OPTIMIZED	CONTROL VOLTAGE	Drawing number	= DECP
User.	SEG		MP&A/AD&S		33003614	+
Check.			Created for		4	DCO
Change	Date	Name	Stand.	First.	Created by.	51 Bl.

Terminal connection diagramm

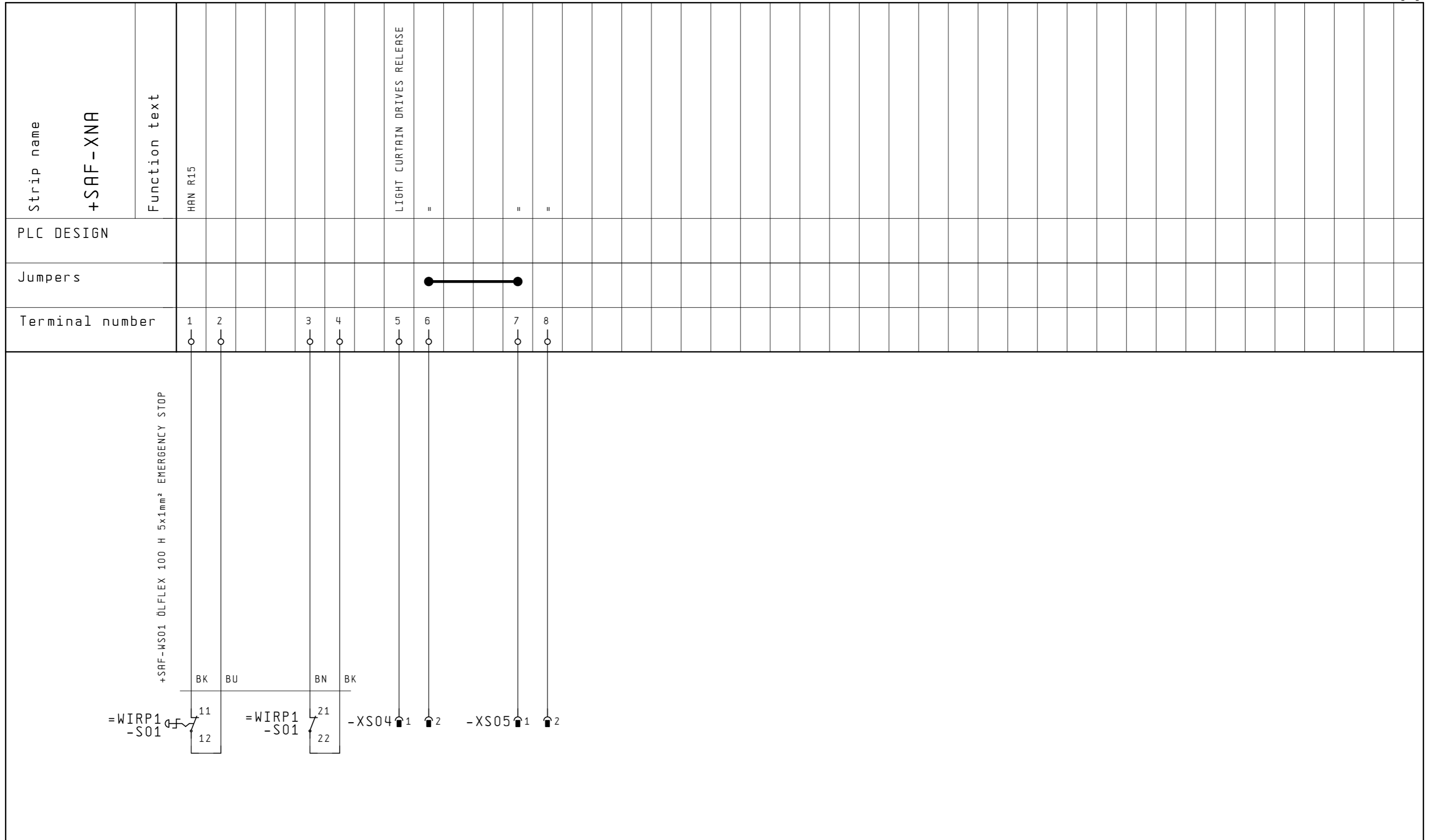
SCHNEIDER_KL_1

Strip name	Function text	PLC DESIGN	Jumpers	Terminal number
+SAF-XLC	LIGHT CURTAIN = = LIGHT CURTAIN AUX = = = LIGHT CURTAIN = = = = LIGHT CURTAIN AUX = =	IO.3 SH SH		1 2 3 4 5 6 7 8/SH 9 10 11 12 13 14 15/SH



Terminal connection diagramm

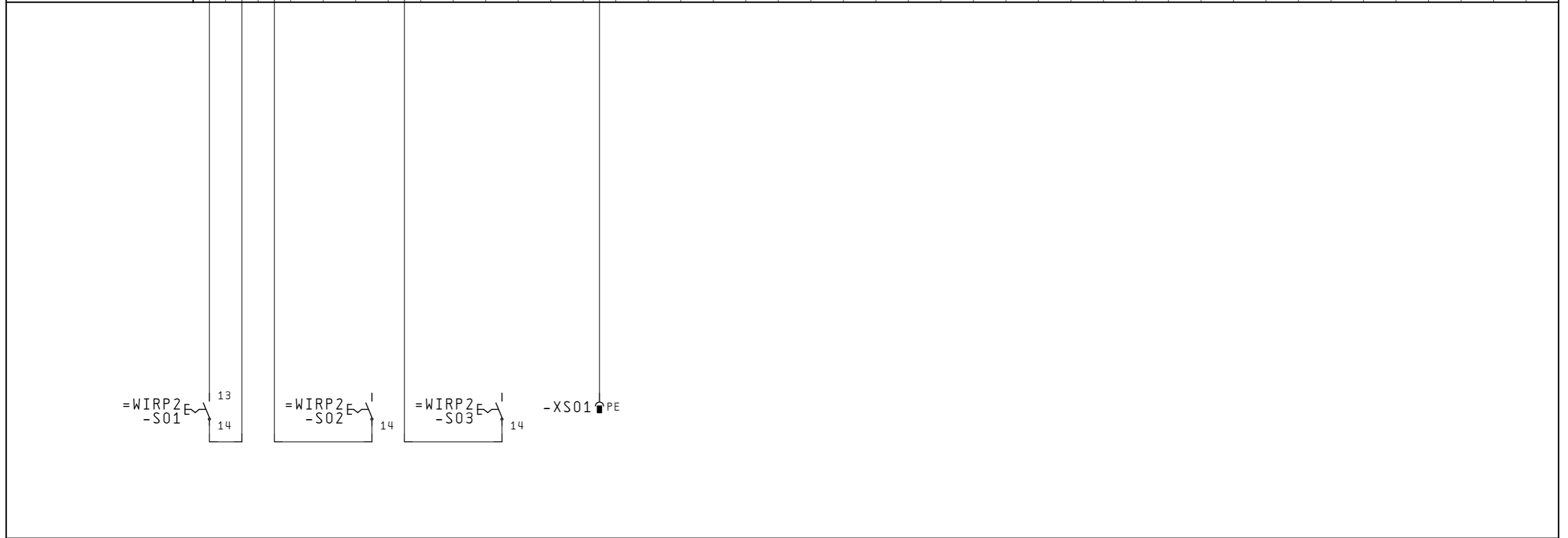
SCHNEIDER_KL_1



Terminal connection diagramm

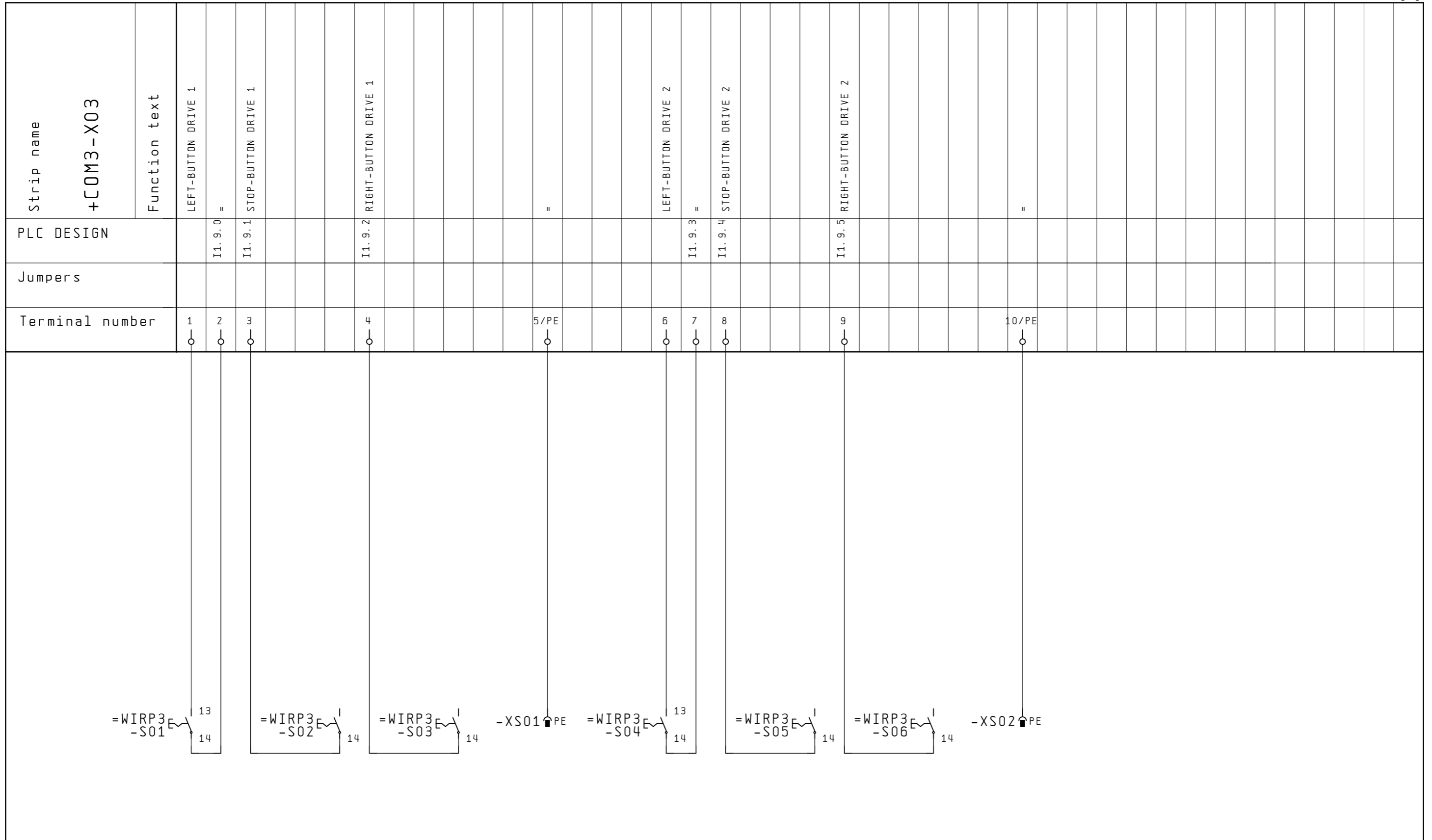
SCHNEIDER_KL_1

Strip name	Function text	Terminal number
+COM2-X03	LEFT-BUTTON DRIVE 1	1
	I1.8.0 =	2
	I1.8.1 STOP-BUTTON DRIVE 1	3
	I1.8.2 RIGHT-BUTTON DRIVE 1	4
	=	5/PE



Terminal connection diagramm

SCHNEIDER_KL_1






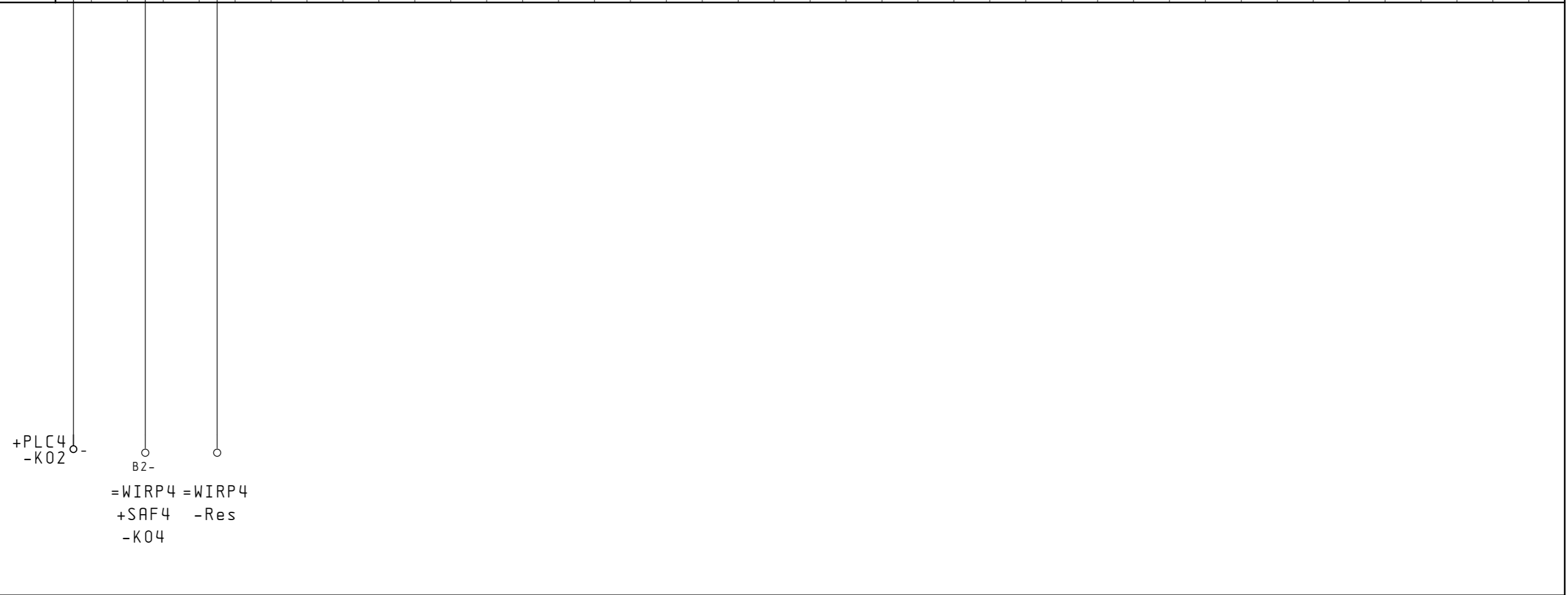
7


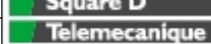

9

Terminal connection diagram

SCHNEIDER_KL_1

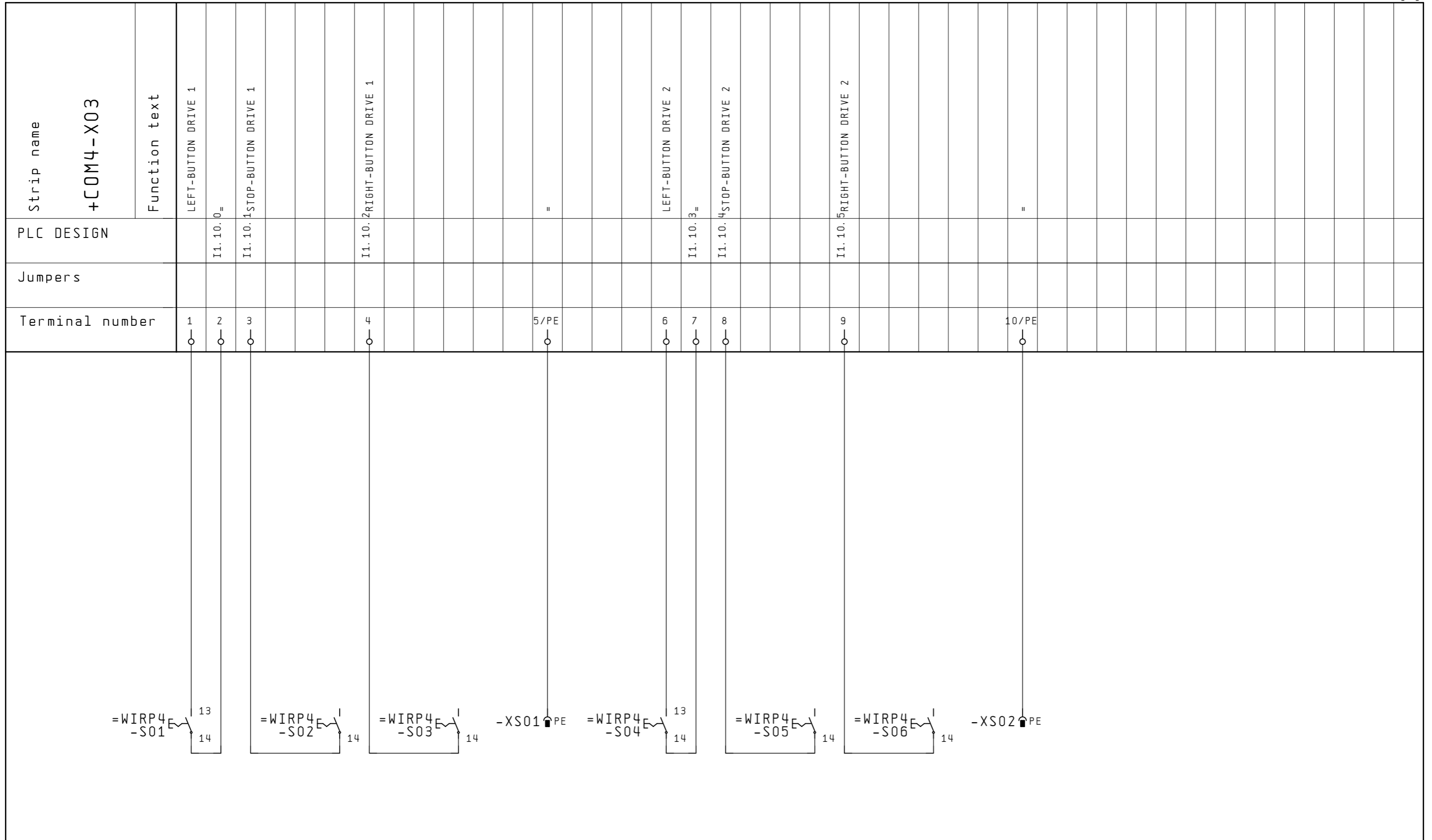
Strip name	Function text	SUPPLY ABOUT CIRCULAR CONNECTOR	=	=																																										
+PSD4-XWIRP4																																														
PLC DESIGN																																														
Jumpers																																														
Terminal number		1	2	3																																										



Change	Date	Name	Date	14.02.06	  	Schneider Electric	DP CANopen OPTIMIZED	TERMINAL OV	Drawing number	= DECP		
			User.	SEG			MP&A/AD&S			+		
									9	DCO	Pa.	9
											51 Bl.	

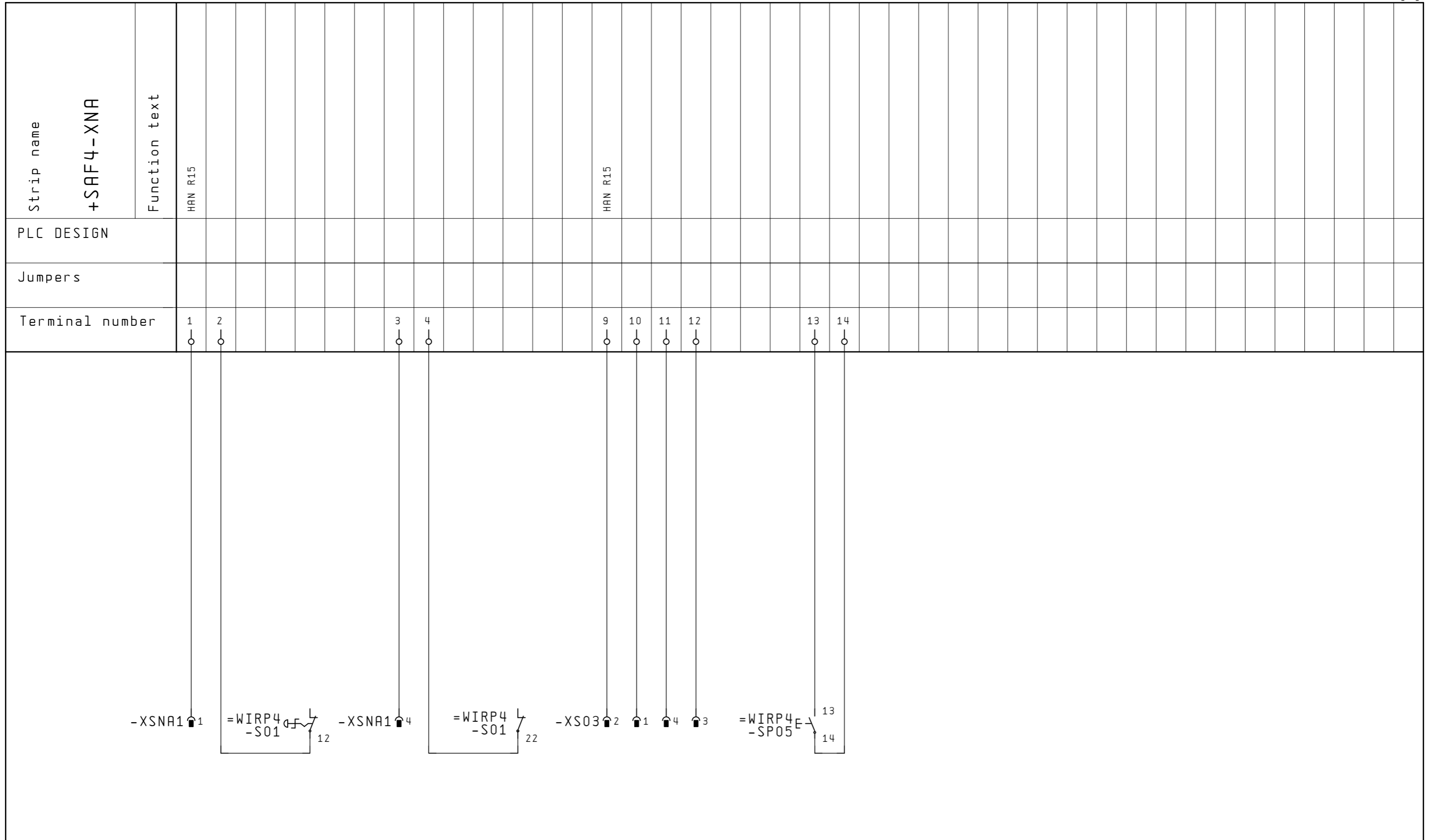
Terminal connection diagramm

SCHNEIDER_KL_1



Terminal connection diagramm

SCHNEIDER_KL_1



Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	+PSD-XWIR1																																
Function text																																	
PLC DESIGN																																	
Jumpers																																	
Terminal number	1	2	3	4	5	6	PE																										



Date 14.02.06
 User. SEG
 Check.
 Stand.

Merlin Gerin
 Square D
 Telemecanique
 Schneider Electric

DP CANopen OPTIMIZED
 MP&A/AD&S
 Created for
 Created by.

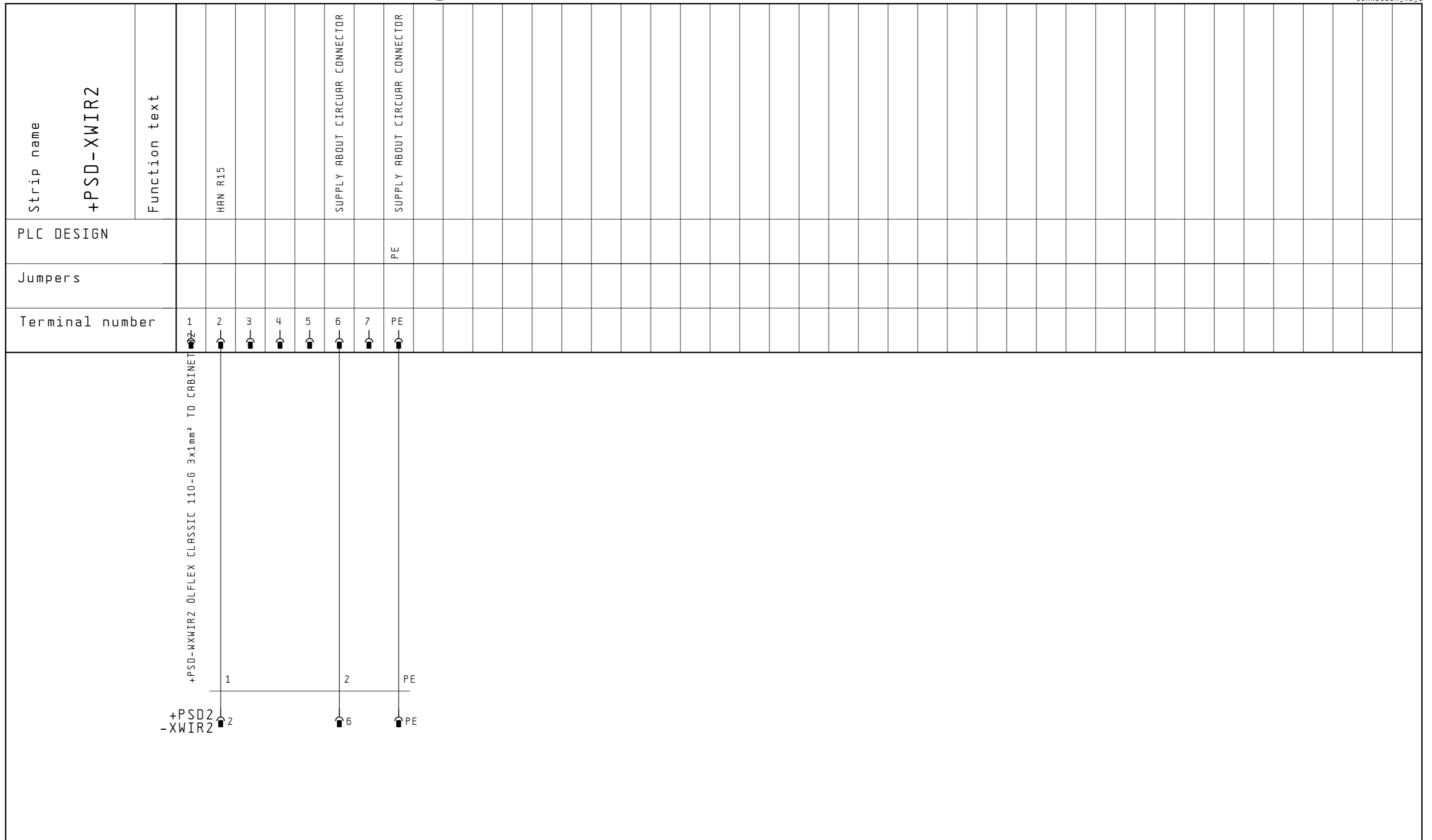
POWER SUPPLY WIRP1

Drawing number
 33003614
 13

= DECP
 +
 DCO
 Pa. 13
 51 Bl.

Terminal connection diagramm

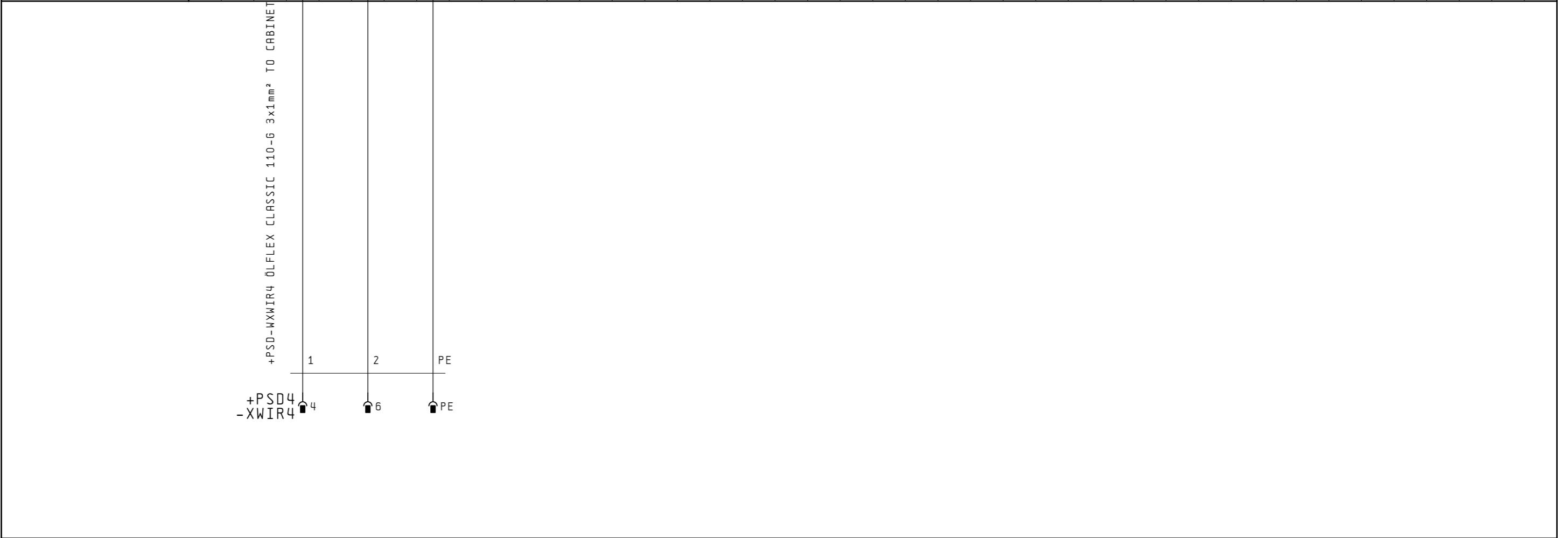
SCHNEIDER_KL_1



Terminal connection diagramm

SCHNEIDER_KL.1

Strip name	+PSD-XWIR4																															
Function text																																
PLC DESIGN				HAN R15																												
Jumpers																																
Terminal number	1	2	3	4	5	6	7	PE																								



Date	14.02.06	Merlin Gerin		DP CANopen OPTIMIZED	POWER SUPPLY WIRP4	Drawing number	= DECP
User.	SEG	Square D					
Check.		Telemecanique		MP&A/AD&S			
Change	Date	Name	Stand.	First.	Created for	Created by.	

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	Function text		HAN R15		SUPPLY ABOUT CIRCUAR CONNECTOR		HAN R15		SUPPLY ABOUT CIRCUAR CONNECTOR		SUPPLY ABOUT CIRCUAR CONNECTOR																		
+PSD-XWIR5																													
PLC DESIGN																													
Jumpers																													
Terminal number	1	2	3	4	5	6	7	PE																					

+PSD-XWIR5 ÖLFLEX CLASSIC 110-G 5x1mm² TO FIELD FDB H5

1
 IN24V-
 =WIRP5
 +COM5
 -K101

2
 IN24V-
 =WIRP5
 +COM5
 -K101

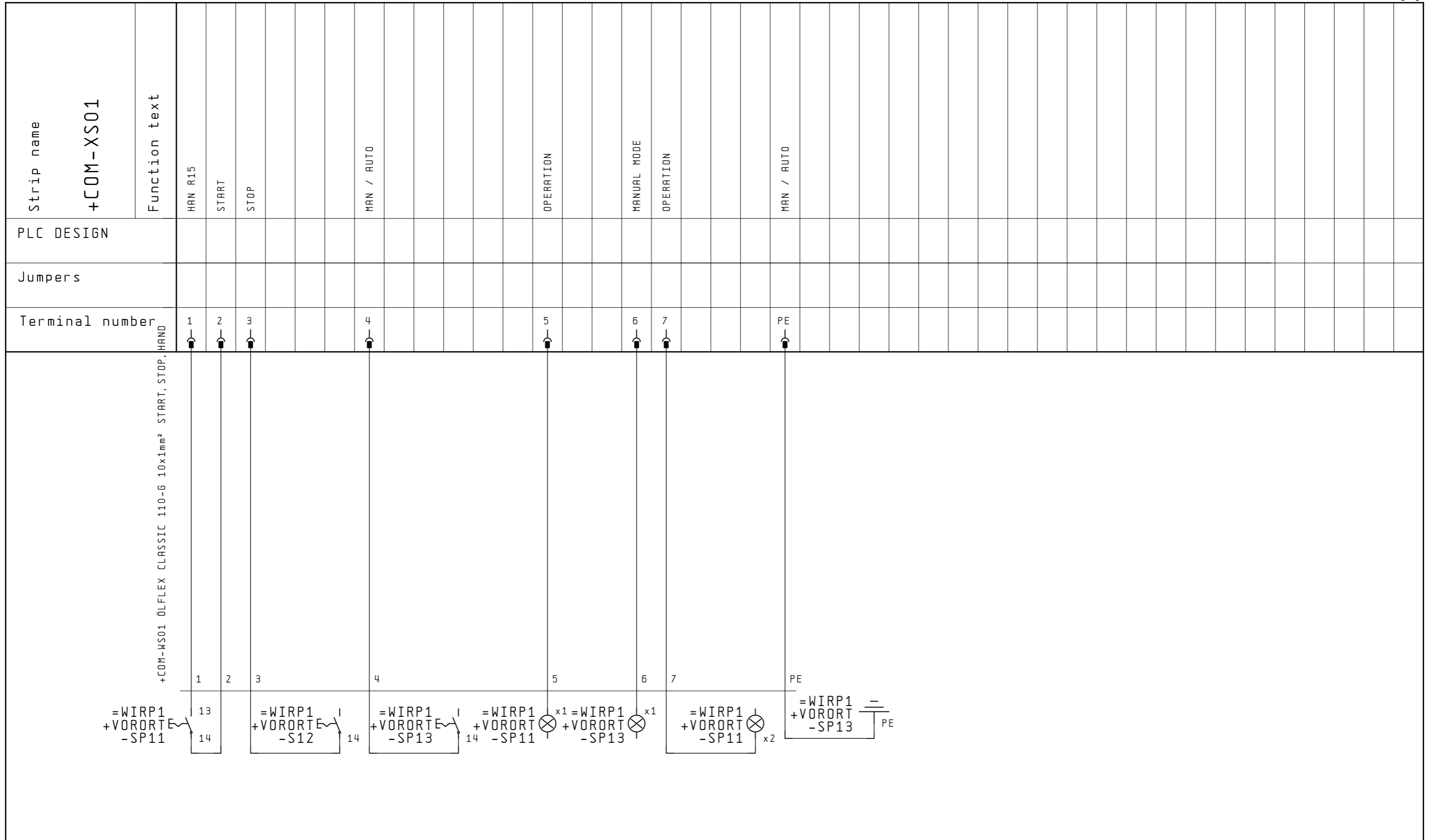
3
 IN24V+
 =WIRP5
 +COM5
 -K101

4
 IN24V+
 =WIRP5
 +COM5
 -K101

PE
 PE

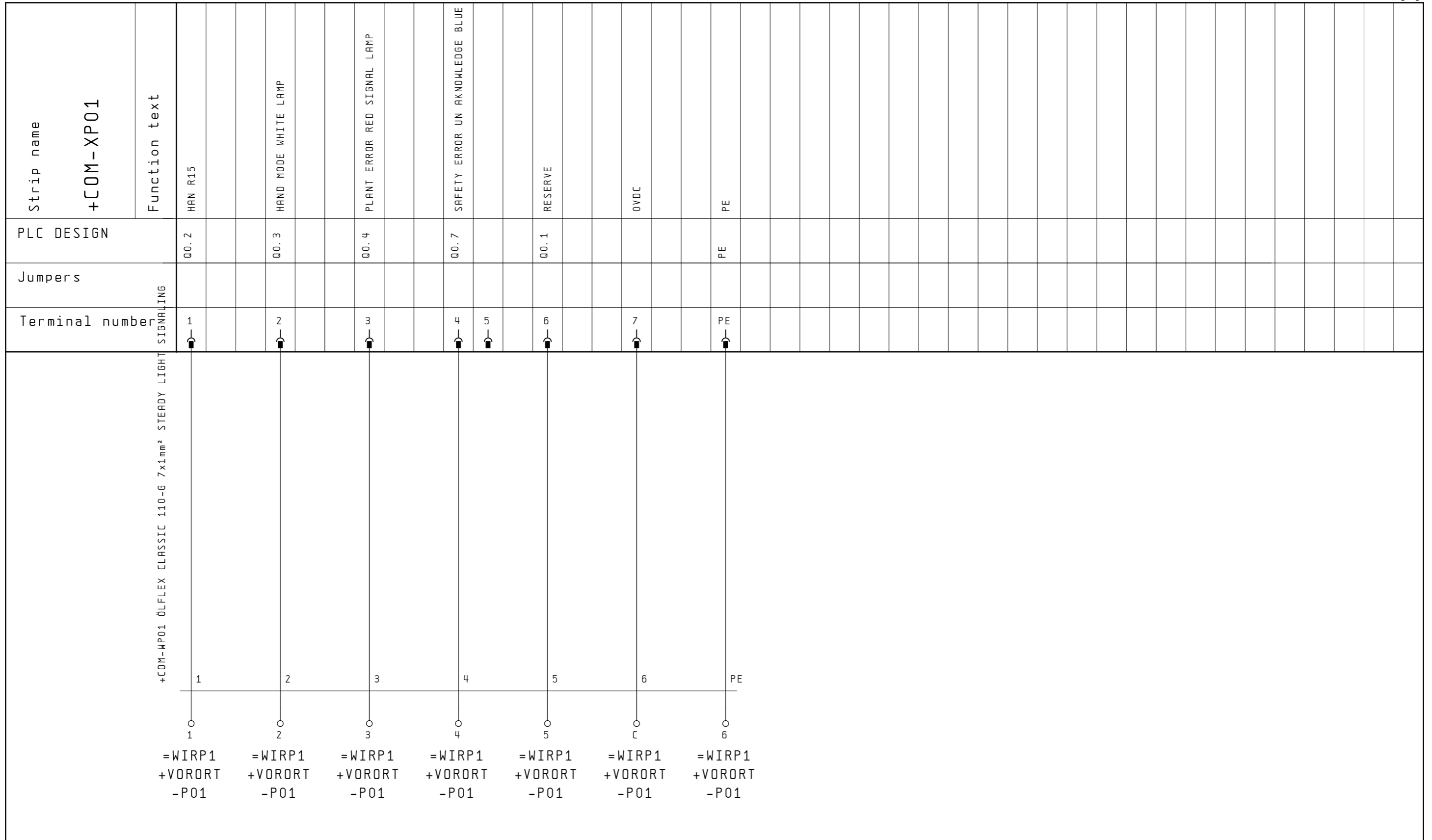
Terminal connection diagramm

SCHNEIDER_KL_1



Terminal connection diagram

SCHNEIDER_KL_1



Terminal connection diagramm

SCHNEIDER_KL_1

Strip name +COM-XSCAN1	Function text																																																		
PLC DESIGN																																																			
Jumpers																																																			
Terminal number	1 ⏚	2 ⏚	3 ⏚	4 ⏚	5 ⏚																																														

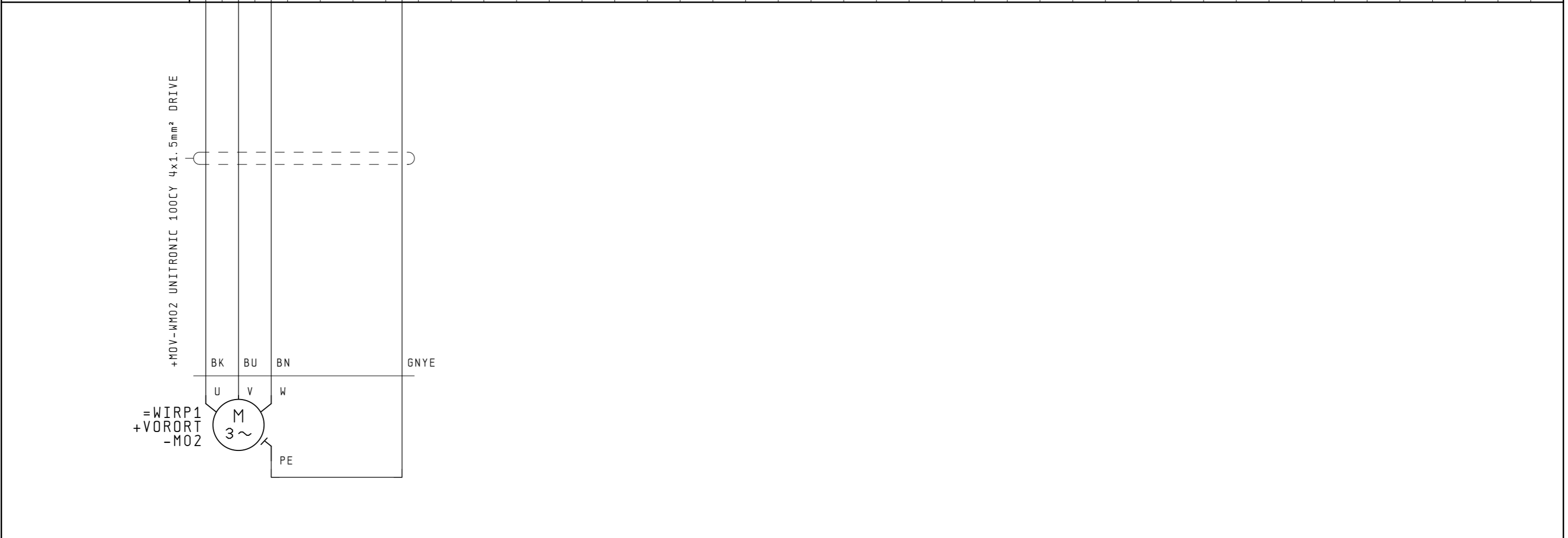


Date	14.02.06		DP CANopen OPTIMIZED	CANOPEN	Drawing number	= DECP	
User.	SEG		MP&A/AD&S		33003614	+	
Check.			Created for			Pa.	20
Change	Date	Name	Stand.	First.	Created by.	DCO	51 Bl.

Terminal connection diagramm

SCHNEIDER_KL_1

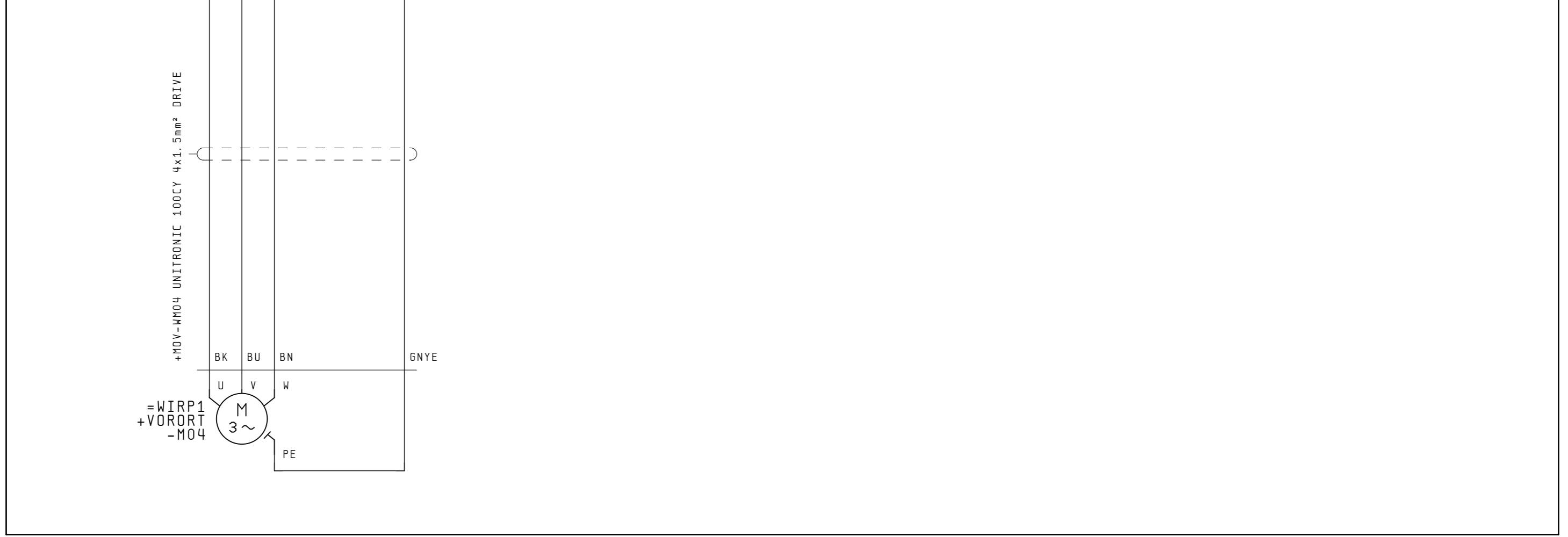
Strip name	+MOV-XM02																				
Function text	HANG	DRIVE 2	=				DRIVE 2														
PLC DESIGN							PE														
Jumpers																					
Terminal number	1	2	3	4	5	6	PE														



Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	Function text	1	2	3	4	5	6	PE																																
+MOV-XM04	HANG DRIVE 4 = DRIVE 4																																							
PLC DESIGN								PE																																
Jumpers																																								
Terminal number		1	2	3	4	5	6	PE																																

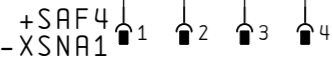


Change	Date	Name	Date	14.02.06	Merlin Gerin Square D Telemecanique	Schneider Electric	DP CANopen OPTIMIZED	MOTOR4	Drawing number	= DECP
			User.	SEG					+	
			Check.				33003614			
			Stand.		First.	Created for	Created by.	24	DCO	Pa.
									51 Bl.	24

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	+SAF -XSNA1		Function text																												
			HAN R15																												
PLC DESIGN																															
Jumpers																															
Terminal number	1	2	3	4	5	6	7	PE																							

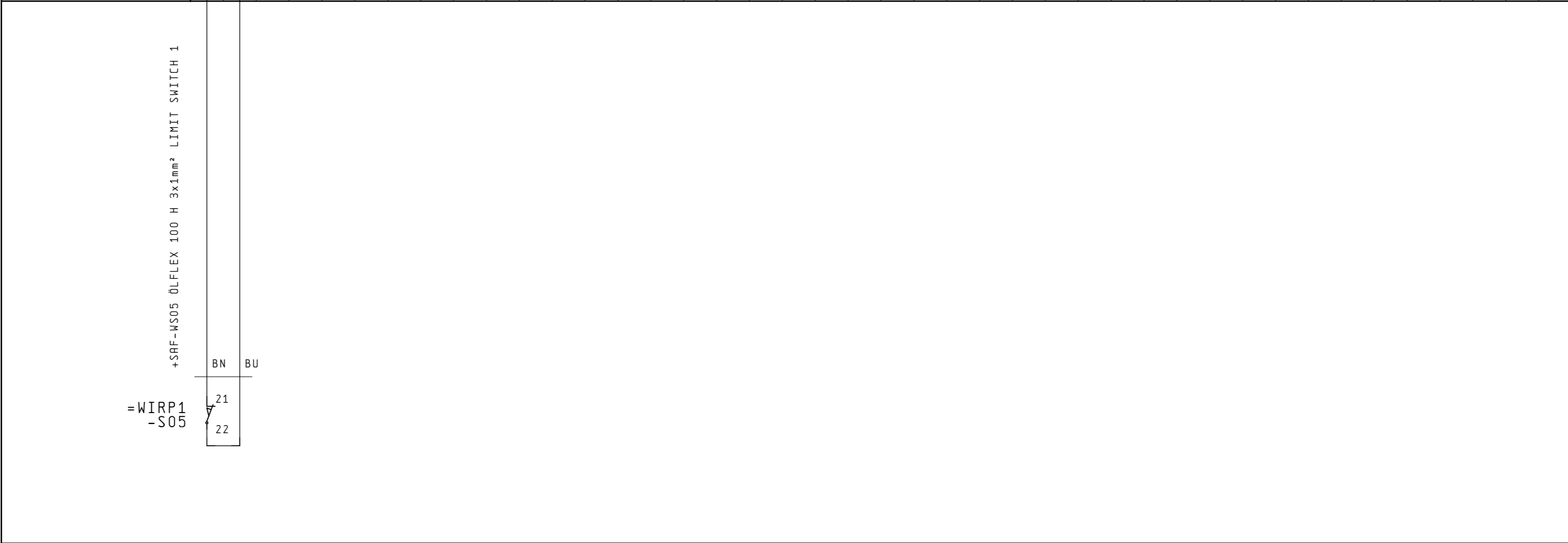


Change	Date	14.02.06		DP CANopen OPTIMIZED	EMERGENCY STOP WIRP4	Drawing number	= DECP	
	User.	SEG		MP&A/AD&S		33003614	+	
	Check.			Created for			Pa.	25
	Stand.			Created by.			DCO	51 Bl.

Terminal connection diagram

SCHNEIDER_KL_1

Strip name +SAF-XS05	Function text LIGHT CURTAIN DRIVES RELEASE	"																																									
PLC DESIGN																																											
Jumpers																																											
Terminal number	1	2	3	4	5	6	7	PE																																			

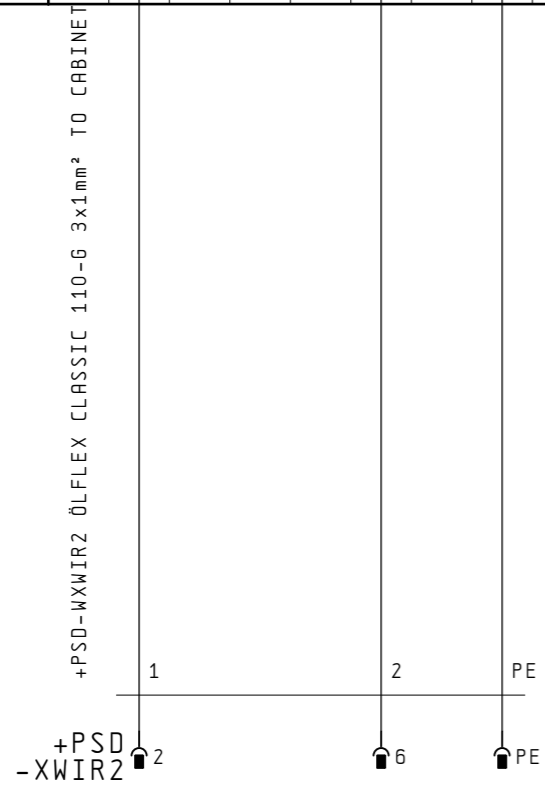


Change	Date	Name	Stand.	First.	Created for	Created by.	DP CANopen OPTIMIZED	LIMIT SWITCH	Drawing number 33003614 27	= DECP + DCO	Pa. 27 51 Bl.
							Merlin Gerin Square D Telemecanique	Schneider Electric			
							MP&A/AD&S				

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	+PSD2-XWIR2																									
Function text	HAN R15																									
PLC DESIGN																										
Jumpers																										
Terminal number	1	2	3	4	5	6	7	PE																		



Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	Function text																									
+PLC2-XSCAN1	CANOPEN																									
PLC DESIGN																										
Jumpers																										
Terminal number	1 ⏏	2 ⏏	3 ⏏	4 ⏏	5 ⏏																					

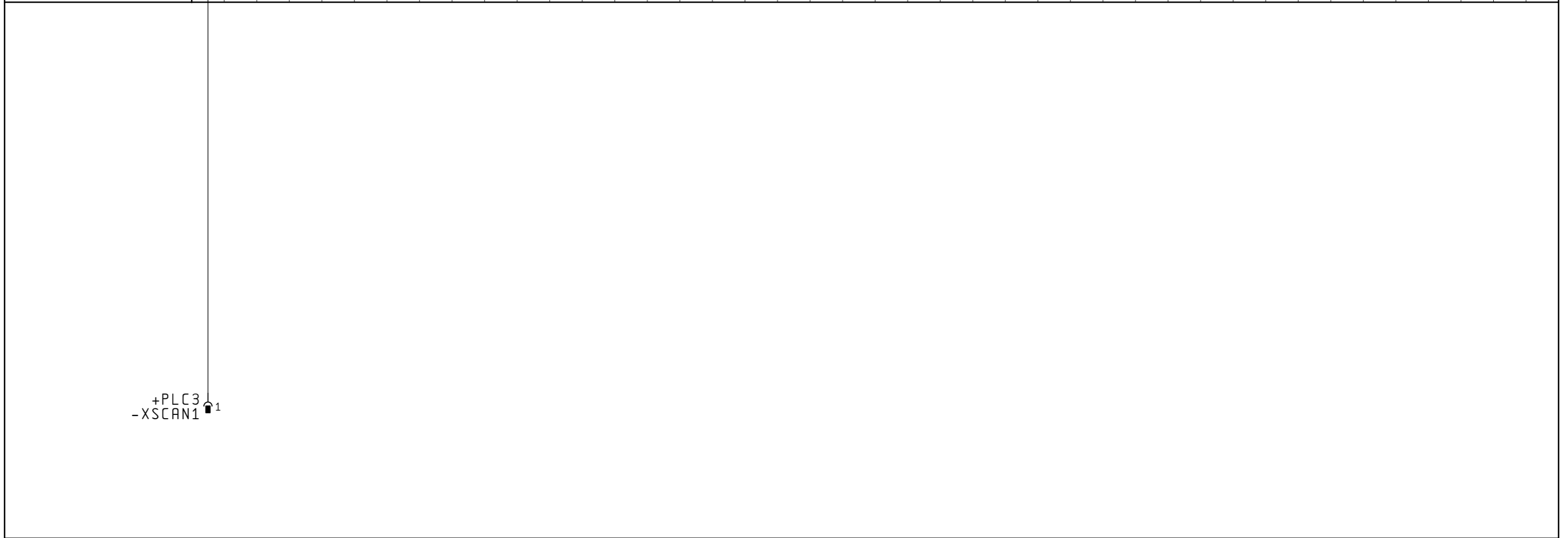


Date	14.02.06		DP CANopen OPTIMIZED	CANOPEN	Drawing number	= DECP	
User.	SEG		MP&A/AD&S		33003614	+	
Check.			Created for		29	Pa.	29
Change	Date	Name	Stand.	First.	Created by.	DCO	51 Bl.

Terminal connection diagramm

SCHNEIDER_KL_1

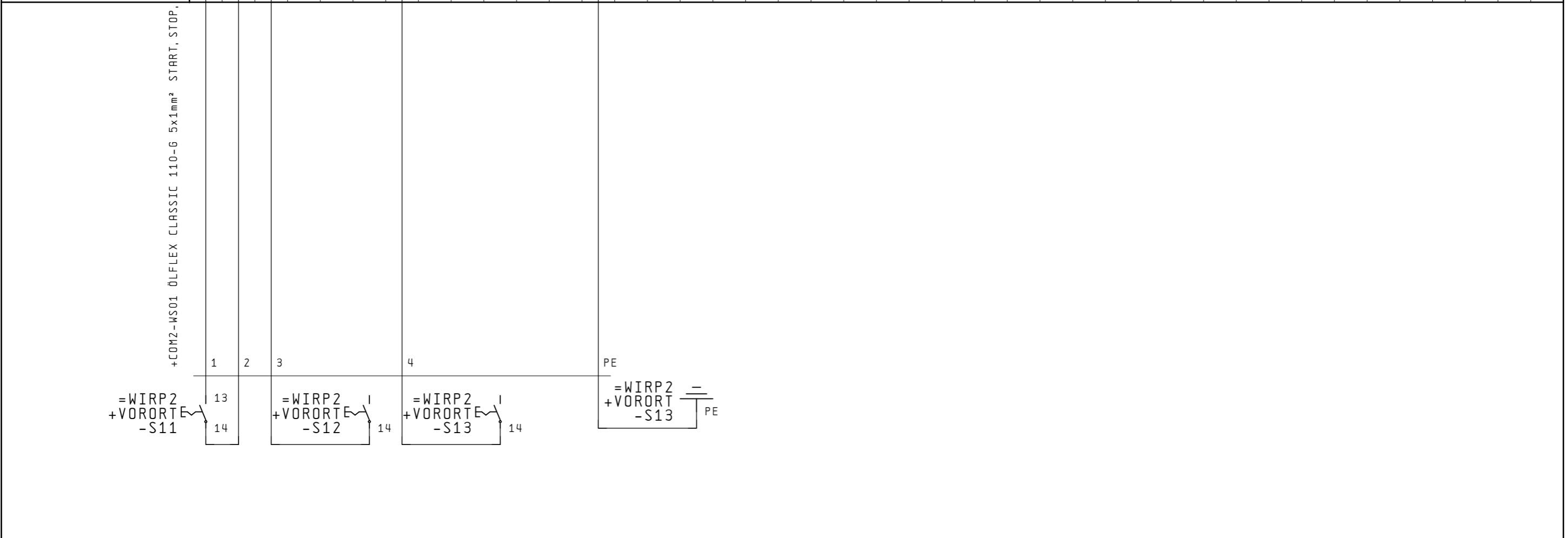
Strip name	Function text																									
+PLC2-XSCAN2	CANOPEN																									
PLC DESIGN																										
Jumpers																										
Terminal number	1 ⌋	2 ⌋	3 ⌋	4 ⌋	5 ⌋																					



Terminal connection diagramm

SCHNEIDER_KL_1

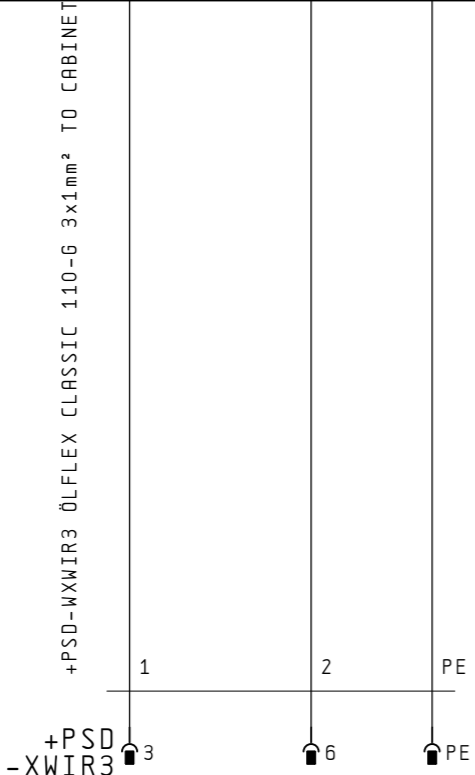
Strip name	Function text	Terminal number
+COM2-XS01	HAN R15	1
	LEFT-BUTTON DRIVE 1	2
	STOP-BUTTON DRIVE 1	3
	RIGHT-BUTTON DRIVE 1	4
		5
		6
		7
	RIGHT-BUTTON DRIVE 1	PE
PLC DESIGN		
Jumpers		



Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	+PSD3-XWIR3																																							
Function text			HAN R15			SUPPLY ABOUT CIRCUAR CONNECTOR		SUPPLY ABOUT CIRCUAR CONNECTOR																																
PLC DESIGN								PE																																
Jumpers																																								
Terminal number	1	2	3	4	5	6	7	PE																																







Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	Function text																									
+PLC3-XSCAN1	CANOPEN																									
PLC DESIGN																										
Jumpers																										
Terminal number	1 ⏏	2 ⏏	3 ⏏	4 ⏏	5 ⏏																					



Date	14.02.06	  		DP CANopen OPTIMIZED	CANOPEN	Drawing number	= DECP	
User.	SEG			MP&A/AD&S		33003614	+	
Check.				Created for		33	Pa.	33
Change	Date	Name	Stand.	First.	Created by.		DCO	51 Bl.

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	+PLC3-XSCAN2																													
Function text	CANOPEN																													
PLC DESIGN																														
Jumpers																														
Terminal number	1	2	3	4	5																									

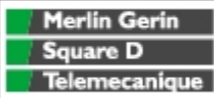


Date 14.02.06

User. SEG

Check.

Stand.



DP CANopen OPTIMIZED

MP&A/AD&S

CANOPEN

Drawing number

33003614

34

= DECP

+

DCO

Pa. 34

51 Bl.

First.

Created for

Created by.

Change

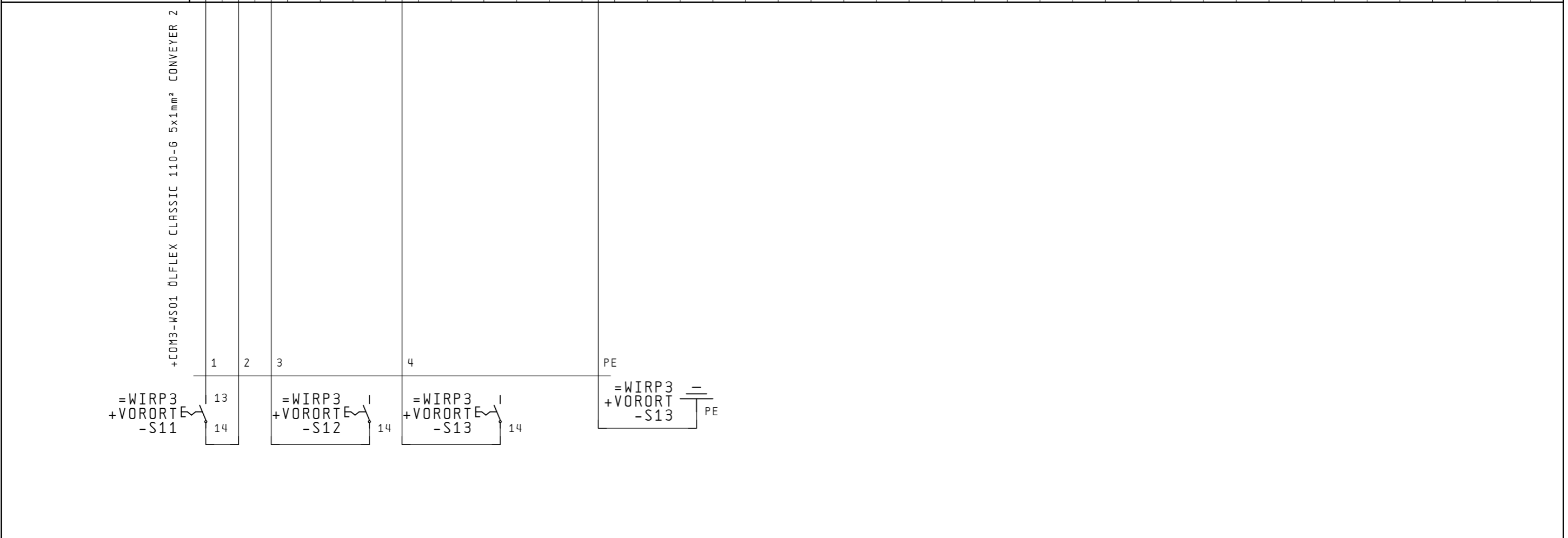
Date

Name

Terminal connection diagramm

SCHNEIDER_KL_1

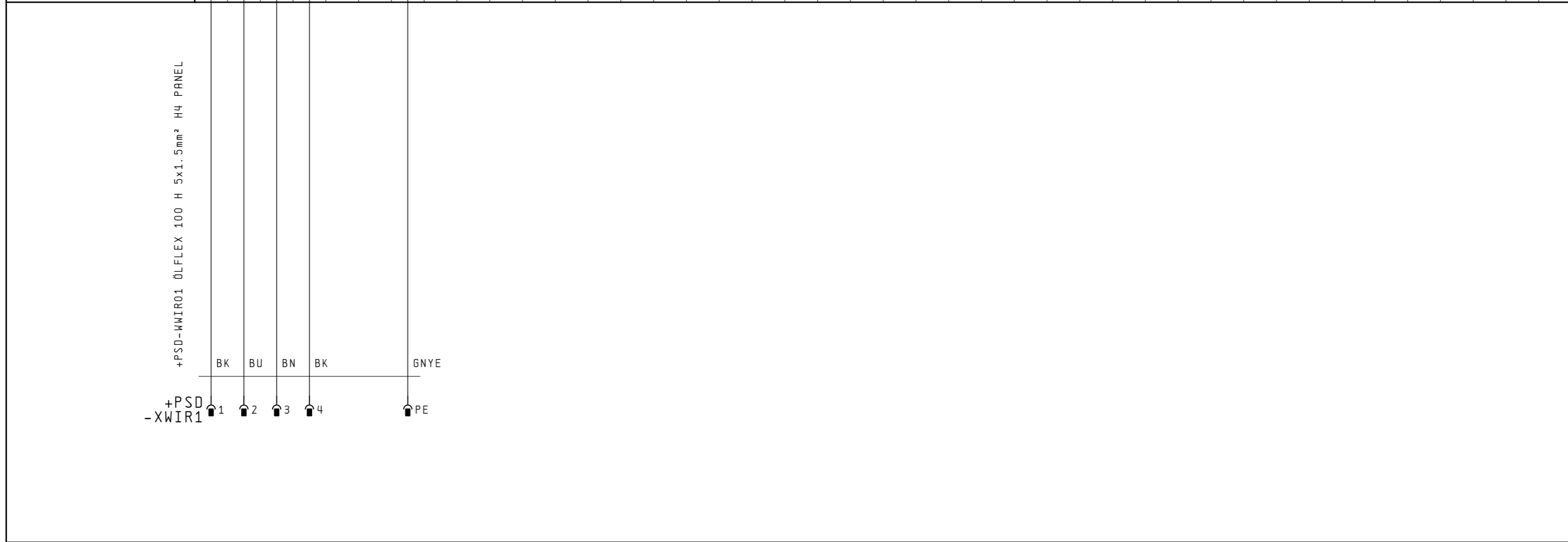
Strip name	Function text	Terminal number
+COM3-XS01	HAN R15	1
	LEFT-BUTTON DRIVE 1	2
	STOP-BUTTON DRIVE 1	3
	RIGHT-BUTTON DRIVE 1	4
		5
		6
		7
	RIGHT-BUTTON DRIVE 1	PE



Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	Function text																								
+PSD4-X01W4	HANG POWER SUPPLY FROM MAIN PANEL = = POWER SUPPLY FROM MAIN PANEL																								
PLC DESIGN	PE																								
Jumpers																									
Terminal number	1 2 3 4 5 6 PE																								

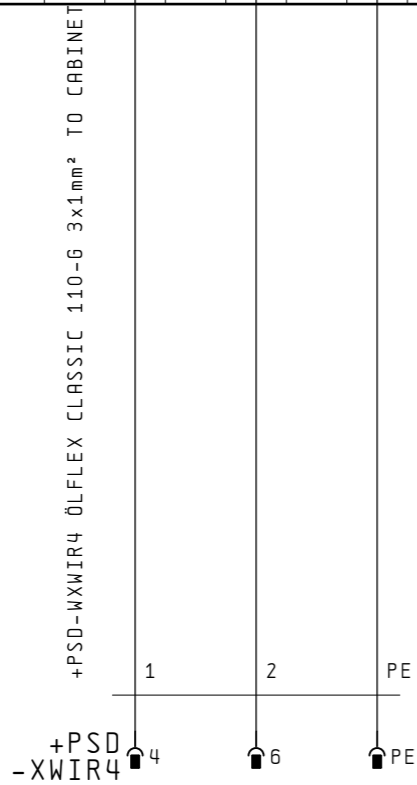


Date	14.02.06	Merlin Gerin	DP CANopen OPTIMIZED	POWER SUPPLY WIRP4	Drawing number	= DECP	
User.	SEG	Square D	MP&A/AD&S		33003614	+	
Check.		Telemecanique	Created by.		37	Pa.	
Change	Date	Name	Stand.	First.	Created for	DCO	51 Bl.

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	Function text		HAN R15		SUPPLY ABOUT CIRCUAR CONNECTOR		SUPPLY ABOUT CIRCUAR CONNECTOR																					
PLC DESIGN							PE																					
Jumpers																												
Terminal number	1	2	3	4	5	6	7	PE																				



Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	Function text																									
+PLC4-XSCAN1	CANOPEN																									
PLC DESIGN																										
Jumpers																										
Terminal number	1 ⏏	2 ⏏	3 ⏏	4 ⏏	5 ⏏																					



Date	14.02.06		DP CANopen OPTIMIZED	CANOPEN	Drawing number	= DECP	
User.	SEG		MP&A/AD&S		33003614	+	
Check.			Created for		39	Pa.	39
Change	Date	Name	Stand.	First.	Created by.	DCO	51 Bl.

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	+PLC4-XSCAN2																			
Function text	CANOPEN																			
PLC DESIGN																				
Jumpers																				
Terminal number	1	2	3	4	5															

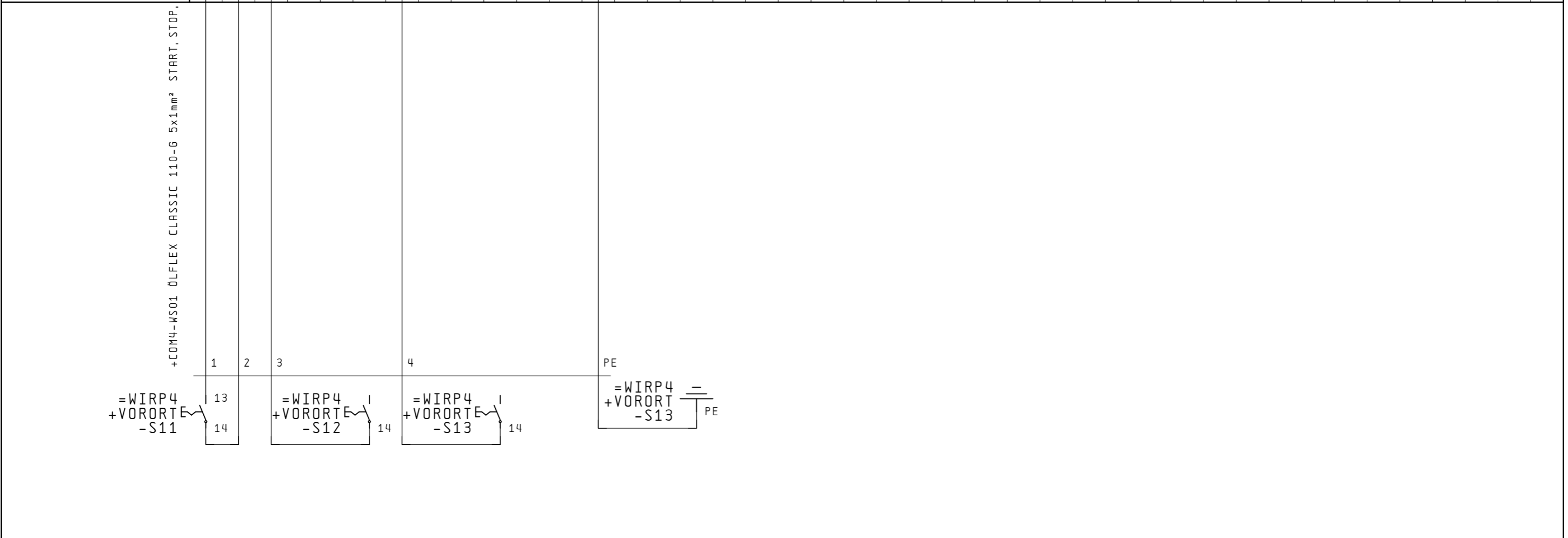


Date	14.02.06		DP CANopen OPTIMIZED	CANOPEN	Drawing number	= DECP	
User.	SEG		MP&A/AD&S		33003614	+	
Check.			Created for		Created by.	40	Pa. 40
Change	Date	Name	Stand.	First.		DCO	51 Bl.

Terminal connection diagramm

SCHNEIDER_KL_1

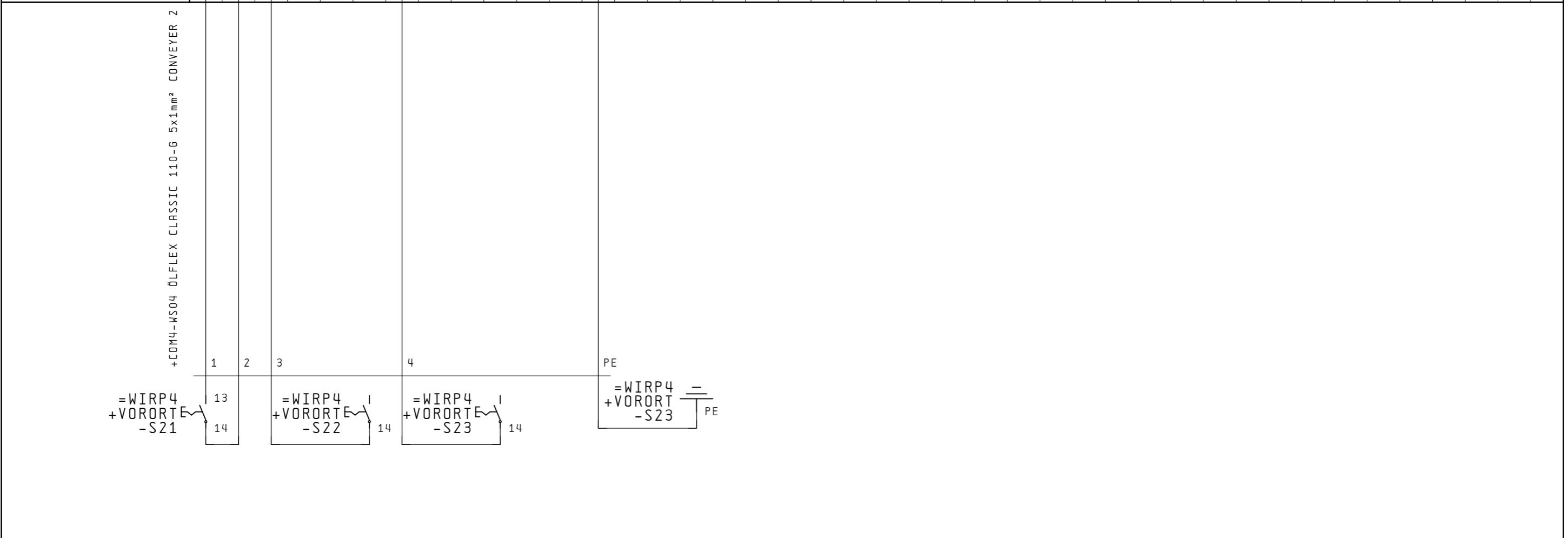
Strip name	+COM4-XS01														
Function text	HAN R15	LEFT-BUTTON DRIVE 1	STOP-BUTTON DRIVE 1		RIGHT-BUTTON DRIVE 1										
PLC DESIGN															
Jumpers															
Terminal number	1	2	3		4		5	6	7	PE					



Terminal connection diagramm

SCHNEIDER_KL_1

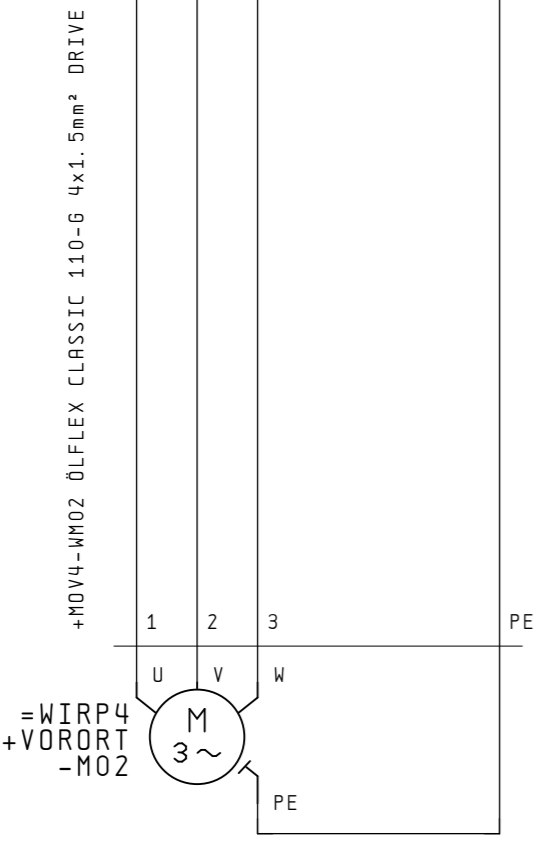
Strip name	Function text	Terminal number
+COM4-XS02	HAN R15	1
	LEFT-BUTTON DRIVE 2	2
	STOP-BUTTON DRIVE 2	3
	RIGHT-BUTTON DRIVE 2	4
		5
		6
		7
	RIGHT-BUTTON DRIVE 2	PE



Terminal connection diagramm

SCHNEIDER_KL_1

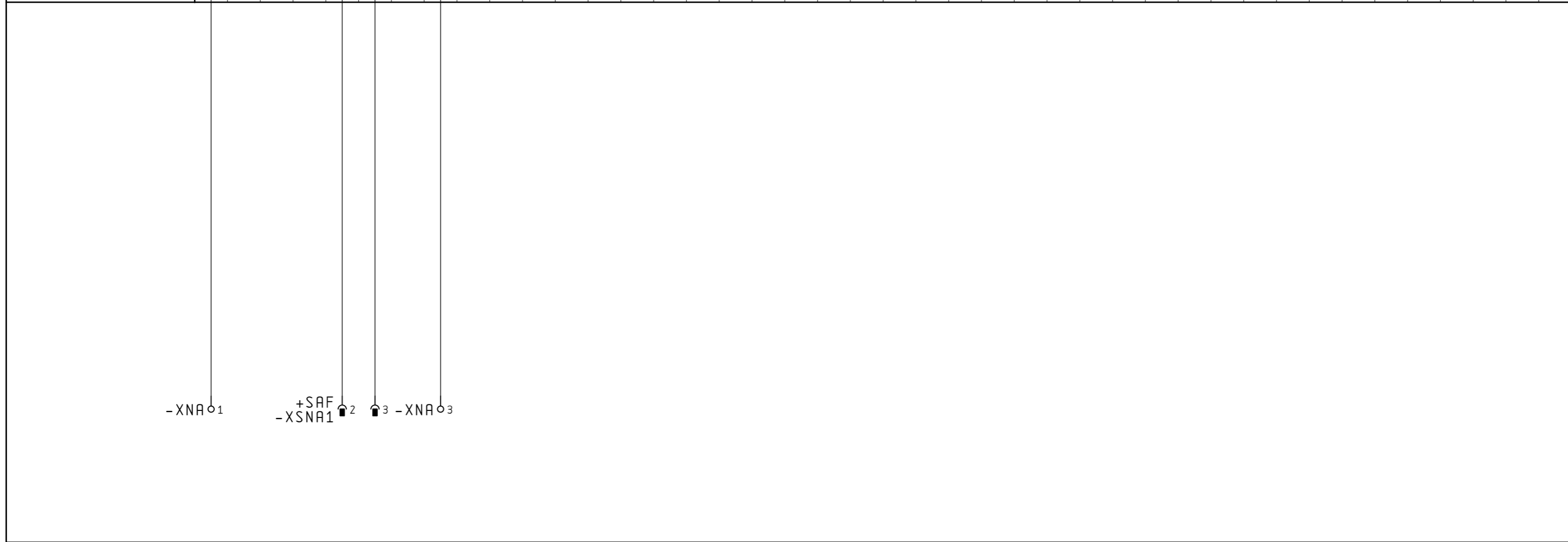
Strip name +MOV4-XM02	Function text																																															
	HANG																																															
PLC DESIGN	DRIVE 2																																															
Jumpers	=																																															
Terminal number		1	2	3	4	5	6	PE																																								



Terminal connection diagramm

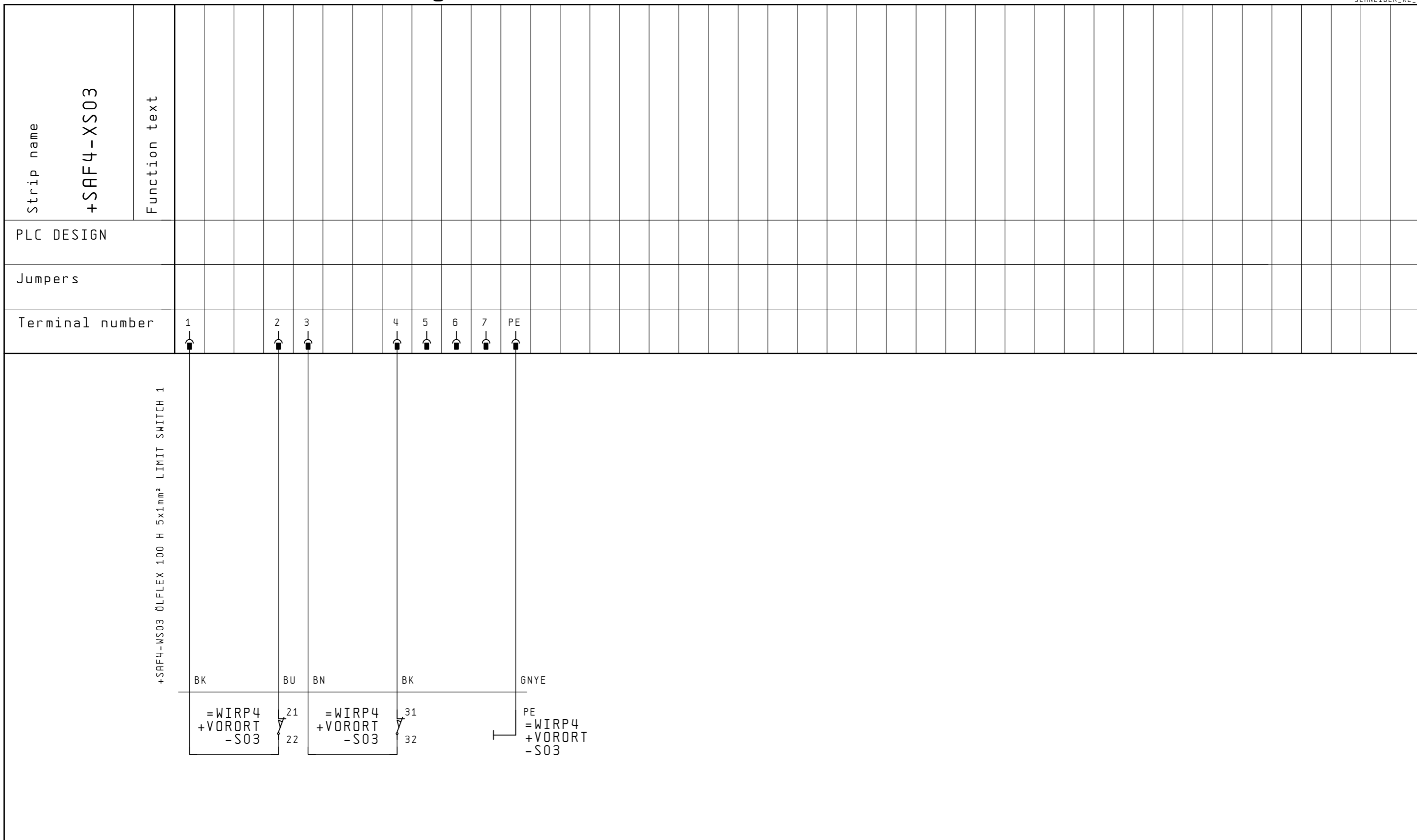
SCHNEIDER_KL_1

Strip name	Function text	1	2	3	4	5	6	7	8	9
+SAF4-XSNA1	HAN R15									
PLC DESIGN										
Jumpers										
Terminal number		1	2	3	4					



Terminal connection diagramm

SCHNEIDER_KL_1



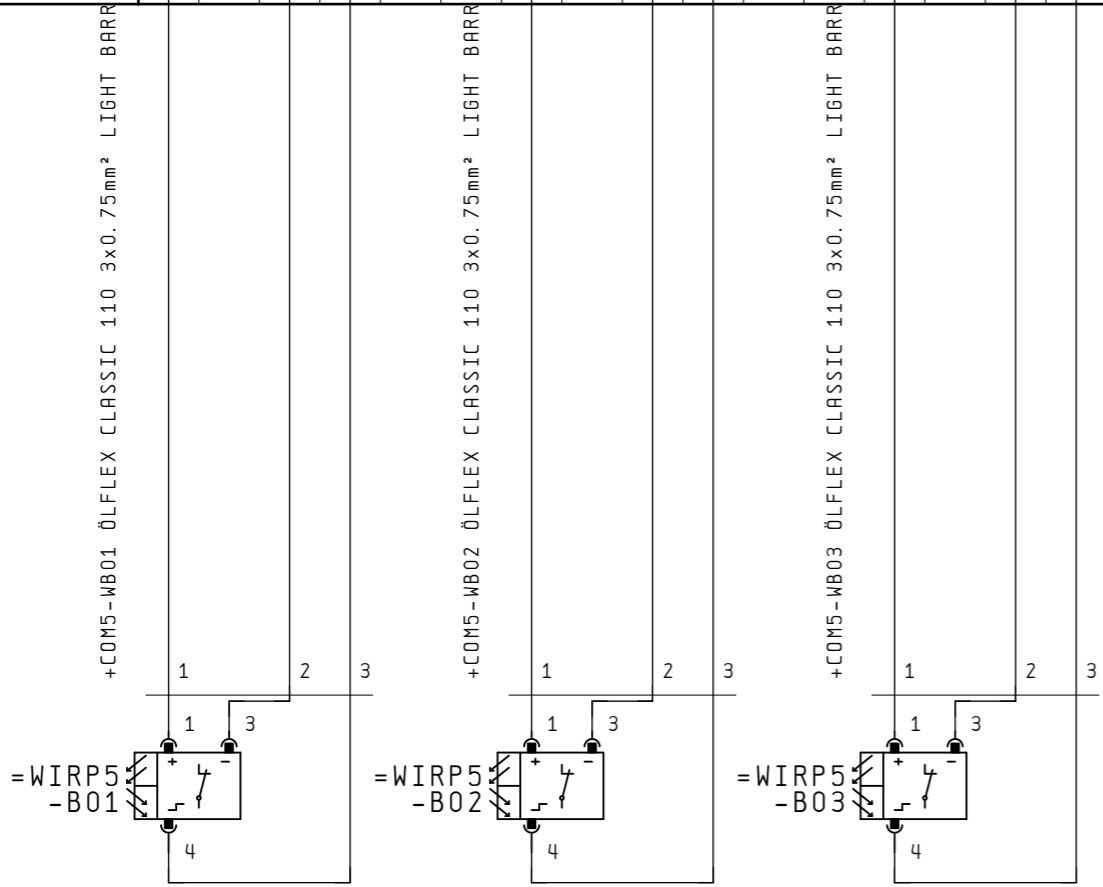
45

47

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	+COM5-K101																																									
Function text																																										
PLC DESIGN	00.1	00.2	00.3	00.4	00.5		01.1	01.2	01.3	01.4	01.5		02.1	02.2	02.3	02.4	02.5	03.1	03.2	03.3	03.4	03.5	04.1	04.2	04.3	04.4	04.5	05.1	05.2	05.3	05.4	05.5	06.1	06.2	06.3	06.4	06.5	07.1	07.2	07.3	07.4	07.5
Jumpers																																										
Terminal number	01	02	03	04	05		11	12	13	14	15		21	22	23	24	25	31	32	33	34	35	41	42	43	44	45	51	52	53	54	55	61	62	63	64	65	71	72	73	74	75



Date	14.02.06			DP CANopen OPTIMIZED	FTB	Drawing number 33003614	= DECP +	
User.	SEG			MP&A/AD&S				Pa. 47
Check.				Created by.				
Change	Date	Name	Stand.	First.	Created for	47	DCO	

Terminal connection diagramm

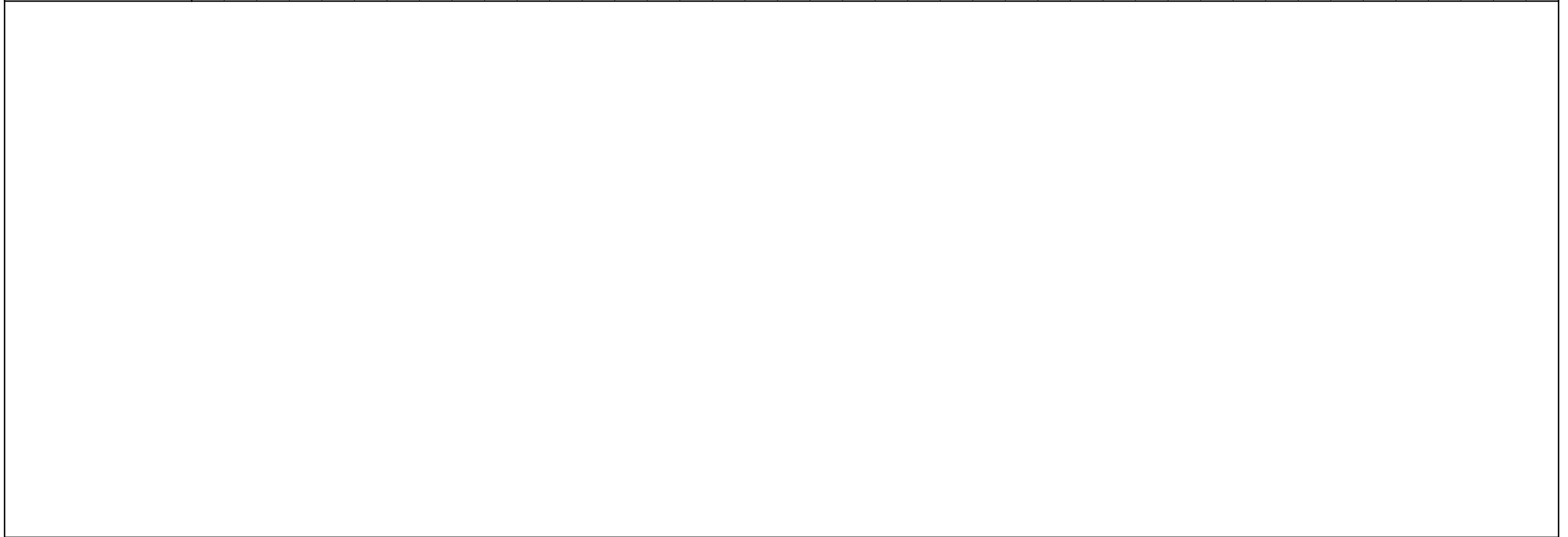
SCHNEIDER_KL_1

Strip name	Function text																																						
+COM5-K102	24V+	OUT	0V	INITIATOR POS. 1	PE	24V+	OUT	0V	INITIATOR POS. 1. 2	PE	24V+	OUT	0V	INITIATOR POS. 2	PE	24V+	OUT	0V	INITIATOR POS. 2. 2	PE	Reserve	=	=	=	=	=	=	=	=	=	=	=	=						
	00.1	00.2	00.3	00.4	00.5	01.1	01.2	01.3	01.4	01.5	02.1	02.2	02.3	02.4	02.5	03.1	03.2	03.3	03.4	03.5	04.1	04.2	04.3	04.4	04.5	05.1	05.2	05.3	05.4	05.5	06.1	06.2	06.3	06.4	06.5	07.1	07.2	07.3	07.4
	PLC DESIGN																																						
	Jumpers																																						
	Terminal number																																						
	01	02	03	04	05	11	12	13	14	15	21	22	23	24	25	31	32	33	34	35	41	42	43	44	45	51	52	53	54	55	61	62	63	64	65	71	72	73	74

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	Function text	Reserve																									
+COM5-K102																											
PLC DESIGN		07.5																									
Jumpers																											
Terminal number		75 — ⏏																									



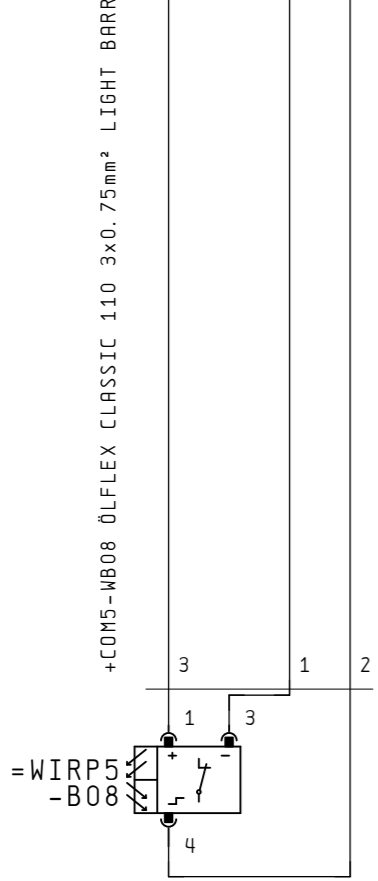
DP CANopen OPTIMIZED
MP&A/AD&S

FTB

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	+COM5-K103																																								
Function text	LIGHT BARRIER CONVEYER TURNTABLE																																								
PLC DESIGN	00.1	00.2	00.3	00.4	00.5	01.1	01.2	01.3	01.4	01.5	02.1	02.2	02.3	02.4	02.5	03.1	03.2	03.3	03.4	03.5	04.1	04.2	04.3	04.4	04.5	05.1	05.2	05.3	05.4	05.5	06.1	06.2	06.3	06.4	06.5	07.1	07.2	07.3	07.4	07.5	
Jumpers																																									
Terminal number	01	02	03	04	05	11	12	13	14	15	21	22	23	24	25	31	32	33	34	35	41	42	43	44	45	51	52	53	54	55	61	62	63	64	65	71	72	73	74	75	

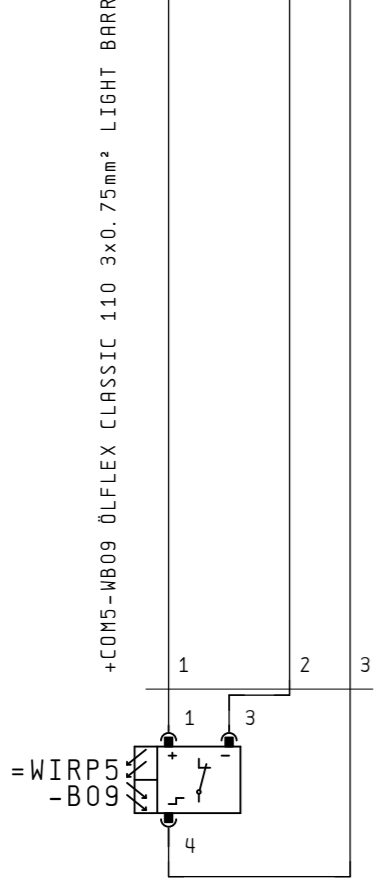


Date	14.02.06			DP CANopen OPTIMIZED	FTB	Drawing number	33003614	= DECP	
User.	SEG			MP&A/AD&S					Pa. 50
Change	Date			Name					

Terminal connection diagramm

SCHNEIDER_KL_1

Strip name	+COM5-K104																																								
Function text	LIGHT BARRIER CONVEYER FROM/ON																																								
PLC DESIGN	00.1	00.2	00.3	00.4	00.5	01.1	01.2	01.3	01.4	01.5	02.1	02.2	02.3	02.4	02.5	03.1	03.2	03.3	03.4	03.5	04.1	04.2	04.3	04.4	04.5	05.1	05.2	05.3	05.4	05.5	06.1	06.2	06.3	06.4	06.5	07.1	07.2	07.3	07.4	07.5	
Jumpers																																									
Terminal number	01	02	03	04	05	11	12	13	14	15	21	22	23	24	25	31	32	33	34	35	41	42	43	44	45	51	52	53	54	55	61	62	63	64	65	71	72	73	74	75	




Date	14.02.06			DP CANopen OPTIMIZED	FTB	Drawing number	= DECP	
User.	SEG			MP&A/AD&S			33003614	+
Change	Date			Name			Stand.	First.
						51	DCO	51 Bl.

Terminal strip and connector overview

ESSR0010

Terminal strip and connector design.	Pol	Terminal and connector strip definition	Amount	Page/path
+UV-X0		ON SITE	5	
+PSD-X02		CONTROL	23	
+COM-X03		CONTROL VOLTAGE	15	
+SAF-XLC		LIGHT CURTAIN	15	
+SAF-XNA		EMERGENCY STOP	8	
+COM2-X03		CONTROL VOLTAGE	5	
+COM3-X03		CONTROL VOLTAGE	10	
+PSD4-XWIRP4		TERMINAL OV	3	
+COM4-X03		CONTROL VOLTAGE	10	
+SAF4-XNA		EMERGENCY STOP	10	
+PSD-X01	6	POWER SUPPLY	7	
+PSD-XWIR1	6	POWER SUPPLY WIRP1	7	
+PSD-XWIR2	8	POWER SUPPLY WIRP2	8	
+PSD-XWIR3	8	POWER SUPPLY WIRP3	8	
+PSD-XWIR4	8	POWER SUPPLY WIRP4	8	
+PSD-XWIR5	8	POWER SUPPLY WIRP5	8	
+COM-XS01	8	PLUG START, STOP, MANUEL-AUTO	8	
+COM-XP01	8	SIGNAL LAMP	8	
+COM-XSCAN1	CAN_M12	CANOPEN	5	
+MOV-XM01	6	MOTOR1	7	
+MOV-XM02	6	MOTOR2	7	

=DECP/51 der Typ eines Steckers bezieht sich auf den fest angebauten Teil und nicht auf das Kabel 2


Date	14.02.06		DP CANopen OPTIMIZED	TERMINAL BLOCKS OVERVIEW	Drawing number	= TERPO		
User.	SEG		MP&A/AD&S		33003614	+		
Check.			Created by.		1	DCO	Pa. 1	
Change	Date	Name	Stand.	First.	Created for	Created by.	1	3 Bl.

Terminal strip and connector overview

ESSR0010

Terminal strip and connector design.	Pol	Terminal and connector strip definition	Amount	Page/path
+MOV-XM03	6	MOTOR3	7	
+MOV-XM04	6	MOTOR4	7	
+SAF-XSNA1	8	EMERGENCY STOP WIRP4	8	
+SAF-XS04	8	LIMIT SWITCH	8	
+SAF-XS05	8	LIMIT SWITCH	8	
+PSD2-XWIR2	8	POWER SUPPLY WIRP 2	8	
+PLC2-XSCAN1	CAN_M12	CANOPEN	5	
+PLC2-XSCAN2	CAN_M12	CANOPEN	5	
+COM2-XS01	8	PLUG START, STOP, MANUEL-AUTO	8	
+PSD3-XWIR3	8	POWER SUPPLY WIRP 3	8	
+PLC3-XSCAN1	CAN_M12	CANOPEN	5	
+PLC3-XSCAN2	CAN_M12	CANOPEN	5	
+COM3-XS01	8	CONVEYOR 3	8	
+COM3-XS02		BUTTON ON LOCATION	5	
+PSD4-X01W4	6	POWER SUPPLY WIRP4	7	
+PSD4-XWIR4	8	CONTROL VOLTAGE WIRP4	8	
+PLC4-XSCAN1	CAN_M12	CANOPEN	5	
+PLC4-XSCAN2	CAN_M12	CANOPEN	5	
+COM4-XS01	8	PLUG START, STOP, MANUEL-AUTO	8	
+COM4-XS02	8	CONVEYOR 2	8	
+MOV4-XM01	6	MOTOR 1	7	

1 der Typ eines Steckers bezieht sich auf den fest angebauten Teil und nicht auf das Kabel 3

Date		14.02.06			DP CANopen OPTIMIZED		TERMINAL BLOCKS OVERVIEW		Drawing number		= TERPO	
User.		SEG			MP&A/AD&S				33003614		+	
Check.					Created for		Created by.		2		Pa. 2	
Change	Date	Name	Stand.	First.	Created for	Created by.			DCO		3 Bl.	


Terminal strip and connector overview

ESSR0010

Terminal strip and connector design.	Pol	Terminal and connector strip definition	Amount	Page/path
+MOV4-XM02	6	MOTOR 2	7	
+SAF4-XSNA1		EMERGENCY STOP PUSHBUTTON	4	
+SAF4-XS03	8	SWITCH AT DOOR	8	
+COM5-K101		FTB	40	
+COM5-K102		FTB	40	
+COM5-K103		FTB	40	
+COM5-K104		FTB	40	

2 der Typ eines Steckers bezieht sich auf den fest angebauten Teil und nicht auf das Kabel

=TERP/1

Date	14.02.06		DP CANopen OPTIMIZED	TERMINAL BLOCKS OVERVIEW	Drawing number	= TERPO	
User.	SEG		MP&A/AD&S		33003614	+	
Check.			Created for		3	DCO	Pa. 3
Change	Date	Name	Stand.	First.	Created by.		3 Bl.

Terminal diagram

ESSK007

Strip designation **+UV-X0**


Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+PSD-WX001	BK	+PSD-X01	1	1					=WIRP1+PSD/1.1	POWER SUPPLY
+PSD-WX001	BU	+PSD-X01	2	2					=WIRP1+PSD/1.1	LOCAL FUSE MAX. 16A
+PSD-WX001	BN	+PSD-X01	3	3					=WIRP1+PSD/1.1	=
+PSD-WX001	BK	+PSD-X01	4	N					=WIRP1+PSD/1.2	=
+PSD-WX001	GNYE	+PSD-X01	PE	PE		PE			=WIRP1+PSD/1.2	=

		Date	14.02.06		DP CANopen OPTIMIZED	+UV-X0 ON SITE	Drawing number	= TERP	
		User.	SEG		MP&A/AD&S		33003614	+	
Change	Date	Name	Stand.		First.		Created for	Created by.	1

Terminal diagram

ESSK007

Strip designation		+COM-X03								
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		=WIRP1-SP01	13	1			+PSD-X02	4	=WIRP1+COM/1.1	BUTTON START
		=WIRP1-SP01	14	2		I0.7	+PLC-K01	7	=WIRP1+COM/1.1	=
		=WIRP1-S02	14	3		I0.8	+PLC-K01	8	=WIRP1+COM/1.3	BUTTON STOP
		=WIRP1-SP03	14	4		I0.9	+PLC-K01	9	=WIRP1+COM/1.4	BUTTON MAN / AUTO
		=WIRP1-SP01	x1	5		Q0.6	+PLC-K01	Q6	=WIRP1+COM/1.6	OPERATION
		=WIRP1-SP03	x1	6		Q0.5	+PLC-K01	Q5	=WIRP1+COM/1.8	MANUAL MODE
		=WIRP1-SP01	x2	7			+PSD-X02	24	=WIRP1+COM/1.6	OPERATION
		-XS01	PE	8/PE			=WIRP1-PE		=WIRP1+COM/2.5	MAN / AUTO
		-XP01	1	9		Q0.2	+PLC-K01	Q2	=WIRP1+COM/3.2	OPERATIONAL GREEN
		-XP01	2	10		Q0.3	+PLC-K01	Q3	=WIRP1+COM/3.3	HAND MODE WHITE LAMP
		-XP01	3	11		Q0.4	+PLC-K01	Q4	=WIRP1+COM/3.4	PLANT ERROR RED SIGNAL LAMP
		-XP01	4	12		Q0.7	+PLC-K01	Q7	=WIRP1+COM/3.5	SAFETY ERROR UN AKNOWLEDGE BLUE LAMP
		-XP01	6	13		Q0.1	+PLC-K01	Q1	=WIRP1+COM/3.6	RESERVE
		-XP01	7	14			+PSD-X02	24	=WIRP1+COM/3.2	OPERATIONAL GREEN
		-XP01	PE	15/PE		PE			=WIRP1+COM/3.7	PE

	Date	14.02.06		DP CANopen OPTIMIZED	+COM-X03 CONTROL VOLTAGE	Drawing number	= TERP
	User.	SEG		MP&A/AD&S		33003614	+
Change	Date	Name		Stand.	First.	Created for	Created by.
						3	DCO
							53 Bl.





Terminal diagram

ESSK007

Strip designation +SAF-XLC											
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text	
+SAF-WLC01	wh	-X1K05	1	1			=WIRP1-K04	41	=WIRP1+SAF/2.6	LIGHT CURTAIN	
+SAF-WLC01	bk	-X1K05	2	2			=WIRP1-K04	S32	=WIRP1+SAF/2.7	=	
+SAF-WLC01	bu	-X1K05	3	3			=WIRP1-K04	S12	=WIRP1+SAF/2.7	=	
+SAF-WLC01	gy	-X1K05	7	4		I0.3	+PLC-K01	3	=WIRP1+SAF/2.7	LIGHT CURTAIN AUX	
+SAF-WLC02	wh	-X2K05	1	5			-XLC	1	=WIRP1+SAF/2.8	=	
+SAF-WLC02	bk	-X2K05	2	6	⋮				=WIRP1+SAF/2.9	=	
+SAF-WLC02	bu	-X2K05	3	7					=WIRP1+SAF/2.9	=	
		SH		8/SH		SH	SH		=WIRP1+SAF/2.6	LIGHT CURTAIN	
+SAF-WLC01	vt	-X1K05	PE	9	⋮		=WIRP1-SPO3	x2	=WIRP1+SAF/2.6	=	
+SAF-WLC01	tp	-X1K05	4	10						=WIRP1+SAF/2.6	=
+SAF-WLC01	bn	-X1K05	5	11						=WIRP1+SAF/2.7	=
+SAF-WLC01	sh	-X1K05	6	12						=WIRP1+SAF/2.7	=
+SAF-WLC02	tp	-X2K05	4	13						=WIRP1+SAF/2.8	LIGHT CURTAIN AUX
+SAF-WLC02	bn	-X2K05	5	14						=WIRP1+SAF/2.9	=
		SH		15/SH			SH	SH		=WIRP1+SAF/2.9	=

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Date	14.02.06	  		DP CANopen OPTIMIZED	+SAF-XLC LIGHT CURTAIN	Drawing number	= TERP
User.	SEG			MP&A/AD&S		33003614	+
Check.				Created for		4	DCO
Change	Date	Name	Stand.	First.	Created by.		53 Bl.

Terminal diagram

ESSK007

Strip designation +SAF-XNA

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+SAF-WS01	BK	=WIRP1-S01	11	1			-XSNA1	1	=WIRP1+SAF/1.1	HAN R15
+SAF-WS01	BU	=WIRP1-S01	12	2			=WIRP1-K01	S21	=WIRP1+SAF/1.1	
+SAF-WS01	BN	=WIRP1-S01	21	3			-XSNA1	3	=WIRP1+SAF/1.1	
+SAF-WS01	BK	=WIRP1-S01	22	4			=WIRP1-K01	S31	=WIRP1+SAF/1.1	
		-XS04	1	5			=WIRP1-K04	34	=WIRP1+SAF/3.4	LIGHT CURTAIN DRIVES RELEASE
		-XS04	2	6	↓				=WIRP1+SAF/3.4	=
		-XS05	1	7	↓				=WIRP1+SAF/3.4	=
		-XS05	2	8			=WIRP1-K09	A1	=WIRP1+SAF/3.4	=

Date	14.02.06			DP CANopen OPTIMIZED	+SAF-XNA	Drawing number	= TERP	
User.	SEG				EMERGENCY STOP	33003614	+ Pa. 5	
Check.				MP&A/AD&S				
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO	53 Bl.

Terminal diagram

ESSK007

Strip designation **+COM2-X03**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		=WIRP2-S01	13	1			=WIRP2+PSD2-F03	2	=WIRP2+COM2/1.1	LEFT-BUTTON DRIVE 1
		=WIRP2-S01	14	2		I1.8.0	+PLC2-K01	0	=WIRP2+COM2/1.1	=
		=WIRP2-S02	14	3		I1.8.1	+PLC2-K01	1	=WIRP2+COM2/1.3	STOP-BUTTON DRIVE 1
		=WIRP2-S03	14	4		I1.8.2	+PLC2-K01	2	=WIRP2+COM2/1.4	RIGHT-BUTTON DRIVE 1
		-XS01	PE	5/PE			=WIRP2-PE		=WIRP2+COM2/2.5	=

		Date	14.02.06		DP CANopen OPTIMIZED			+COM2-X03		Drawing number		= TERP	
		User.	SEG		MP&A/AD&S			CONTROL VOLTAGE		33003614		+	
Change	Date	Name	Stand.	First.	Created for	Created by.			6		Pa. 6		
										DCO		53 Bl.	

Terminal diagram

ESSK007

Strip designation +COM3-X03										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		=WIRP3-S01	13	1			=WIRP3+PSD3-F03	2	=WIRP3+COM3/1.1	LEFT-BUTTON DRIVE 1
		=WIRP3-S01	14	2		I1.9.0	+PLC3-K01	0	=WIRP3+COM3/1.1	=
		=WIRP3-S02	14	3		I1.9.1	+PLC3-K01	1	=WIRP3+COM3/1.3	STOP-BUTTON DRIVE 1
		=WIRP3-S03	14	4		I1.9.2	+PLC3-K01	2	=WIRP3+COM3/1.4	RIGHT-BUTTON DRIVE 1
		-XS01	PE	5/PE			=WIRP3-PE		=WIRP3+COM3/2.5	=
		=WIRP3-S04	13	6			-X03	1	=WIRP3+COM3/3.1	LEFT-BUTTON DRIVE 2
		=WIRP3-S04	14	7		I1.9.3	+PLC3-K01	3	=WIRP3+COM3/3.1	=
		=WIRP3-S05	14	8		I1.9.4	+PLC3-K01	4	=WIRP3+COM3/3.3	STOP-BUTTON DRIVE 2
		=WIRP3-S06	14	9		I1.9.5	+PLC3-K01	5	=WIRP3+COM3/3.4	RIGHT-BUTTON DRIVE 2
		-XS02	PE	10/PE			=WIRP3-PE		=WIRP3+COM3/4.5	=

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Terminal diagram

ESSK007

Strip designation **+PSD4-XWIRP4**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		+PLC4-K02	-	1			-XWIR4	6	=WIRP4+PSD4/2.3	SUPPLY ABOUT CIRCUAR CONNECTOR
		=WIRP4+SAF4-K04	B2-	2			=WIRP4+MOV4-F01	A2(-)	=WIRP4+PSD4/2.3	=
		=WIRP4-Res		3			=WIRP4-Res		=WIRP4+PSD4/2.3	=


Change	Date	Name	Stand.	First.	Created for	Created by.	DP CANopen OPTIMIZED	+PSD4-XWIRP4 TERMINAL OV	Drawing number 33003614	= TERP +	Pa. 8
									8	DCO	53 Bl.

Terminal diagram

ESSK007

Strip designation **+COM4-X03**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		=WIRP4-S01	13	1			=WIRP4+PSD4-F02	2	=WIRP4+COM4/1.1	LEFT-BUTTON DRIVE 1
		=WIRP4-S01	14	2		I1.10.0	+PLC4-K01	0	=WIRP4+COM4/1.1	=
		=WIRP4-S02	14	3		I1.10.1	+PLC4-K01	1	=WIRP4+COM4/1.3	STOP-BUTTON DRIVE 1
		=WIRP4-S03	14	4		I1.10.2	+PLC4-K01	2	=WIRP4+COM4/1.4	RIGHT-BUTTON DRIVE 1
		-XS01	PE	5/PE			=WIRP4-PE		=WIRP4+COM4/2.5	=
		=WIRP4-S04	13	6			=WIRP4+PSD4-F04	2	=WIRP4+COM4/3.1	LEFT-BUTTON DRIVE 2
		=WIRP4-S04	14	7		I1.10.3	+PLC4-K01	3	=WIRP4+COM4/3.1	=
		=WIRP4-S05	14	8		I1.10.4	+PLC4-K01	4	=WIRP4+COM4/3.3	STOP-BUTTON DRIVE 2
		=WIRP4-S06	14	9		I1.10.5	+PLC4-K01	5	=WIRP4+COM4/3.4	RIGHT-BUTTON DRIVE 2
		-XS02	PE	10/PE			=WIRP4-PE		=WIRP4+COM4/4.5	=

Date		14.02.06			DP CANopen OPTIMIZED		+COM4-X03 CONTROL VOLTAGE		Drawing number		= TERP			
User.		SEG			MP&A/AD&S				33003614		+		Pa. 9	
Check.					Created for				9		DCO		53 Bl.	
Change	Date	Name	Stand.	First.	Created for	Created by.								

Terminal diagram

ESSK007

Strip designation **+SAF4-XNA**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		-XSNA1	1	1			=WIRP4-S01	11	=WIRP4+SAF4/1.3	HAN R15
		=WIRP4-S01	12	2			-XSNA1	2	=WIRP4+SAF4/1.1	
		-XSNA1	4	3			=WIRP4-S01	21	=WIRP4+SAF4/1.3	
		=WIRP4-S01	22	4			-XSNA1	3	=WIRP4+SAF4/1.2	
		-XS03	2	9			=WIRP4-K04	S22	=WIRP4+SAF4/2.1	=
		-XS03	1	10			=WIRP4-K04	S21	=WIRP4+SAF4/2.1	
		-XS03	4	11			=WIRP4-K04	S32	=WIRP4+SAF4/2.2	
		-XS03	3	12			=WIRP4-K04	S31	=WIRP4+SAF4/2.2	
		=WIRP4-SP05	13	13			=WIRP4-K04	S34	=WIRP4+SAF4/2.4	
		=WIRP4-SP05	14	14			=WIRP4-K04	S33	=WIRP4+SAF4/2.4	

Date	14.02.06		DP CANopen OPTIMIZED	+SAF4-XNA EMERGENCY STOP	Drawing number	= TERP
User.	SEG		MP&A/AD&S		33003614	+
Check.			Created for		10	DCO
Change	Date	Name	Stand.	First.	Created by.	53 Bl.

Terminal diagram

ESSK007

Strip designation +PSD-X01										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+PSD-WX001	BK	+UV-X0	1	1			=WIRP1-Q01	2	=WIRP1+PSD/1.1	HAN6
+PSD-WX001	BU	+UV-X0	2	2			=WIRP1-Q01	4	=WIRP1+PSD/1.1	LOCAL FUSE MAX. 16A
+PSD-WX001	BN	+UV-X0	3	3			=WIRP1-Q01	6	=WIRP1+PSD/1.1	=
+PSD-WX001	BK	+UV-X0	N	4			=WIRP1-F01	3	=WIRP1+PSD/1.2	=
				5						
				6						
+PSD-WX001	GYE	+UV-X0	PE	PE		PE	PE		=WIRP1+PSD/1.2	=

		Date	14.02.06	 		DP CANopen OPTIMIZED	+PSD-X01 POWER SUPPLY	Drawing number	= TERP	
		User.	SEG					33003614	+	
Change	Date	Name	Stand.	First.	Created for	Created by.			11	Pa. 11
									DCO	53 Bl.

Terminal diagram

ESSK007

Strip designation +PSD-XWIR1										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+PSD-WWIR01	BK	+PSD4-X01W4	1	1			=WIRP1+SAF-K03	1	=WIRP1+PSD/1.5	HAN6
+PSD-WWIR01	BU	+PSD4-X01W4	2	2			=WIRP1+SAF-K03	3	=WIRP1+PSD/1.6	CABINET +H4 SOFT STARTER
+PSD-WWIR01	BN	+PSD4-X01W4	3	3			=WIRP1+SAF-K03	5	=WIRP1+PSD/1.6	=
+PSD-WWIR01	BK	+PSD4-X01W4	4	4			=WIRP1-F01	3	=WIRP1+PSD/1.6	=
				5						
				6						
+PSD-WWIR01	GNYE	+PSD4-X01W4	PE	PE		PE			=WIRP1+PSD/1.6	=

Change	Date	Name	Stand.	First.	Created for	Created by.	DP CANopen OPTIMIZED	+PSD-XWIR1 POWER SUPPLY WIRP1	Drawing number 33003614	= TERP +	Pa. 12 53 Bl.
									12	DCO	

Merlin Gerin

Square D





Telemecanique

Terminal diagram

ESSK007

Strip designation +PSD-XWIR2

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				1						
+PSD-WXWIR2	1	+PSD2-XWIR2	2	2			=WIRP1-F06	2	=WIRP1+PSD/3.2	HAN R15
				3						
				4						
				5						
+PSD-WXWIR2	2	+PSD2-XWIR2	6	6			=WIRP1-T01	OV	=WIRP1+PSD/3.2	SUPPLY ABOUT CIRCUAR CONNECTOR
				7						
+PSD-WXWIR2	PE	+PSD2-XWIR2	PE	PE		PE			=WIRP1+PSD/3.2	=

Date	14.02.06			DP CANopen OPTIMIZED	+PSD-XWIR2	33003614	= TERP
User.	SEG			MP&A/AD&S	POWER SUPPLY WIRP2	13	+
Check.				Created by.		DCO	Pa. 13
Change	Date	Name	Stand.	First.	Created for	Created by.	53 Bl.

Terminal diagram

ESSK007

Strip designation +PSD-XWIR3

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				1						
				2						
+PSD-WXWIR3	1	+PSD3-XWIR3	3	3			-X02	9	=WIRP1+PSD/3.4	HAN R15
				4						
				5						
+PSD-WXWIR3	2	+PSD3-XWIR3	6	6			-X02	28	=WIRP1+PSD/3.4	SUPPLY ABOUT CIRCUAR CONNECTOR
				7						
+PSD-WXWIR3	PE	+PSD3-XWIR3	PE	PE		PE			=WIRP1+PSD/3.4	=

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		Date	14.02.06		DP CANopen OPTIMIZED	+PSD-XWIR3 POWER SUPPLY WIRP3	Drawing number	= TERP	
		User.	SEG		MP&A/AD&S		33003614	+	
		Check.			Created by.			Pa.	14
Change	Date	Name	Stand.	First.	Created for		14	DCO	53 Bl.

Terminal diagram

ESSK007

Strip designation **+PSD-XWIR4**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				1						
				2						
				3						
+PSD-WXWIR4	1	+PSD4-XWIR4	4	4			-X02	10	=WIRP1+PSD/3.6	HAN R15
				5						
+PSD-WXWIR4	2	+PSD4-XWIR4	6	6			-X02	29	=WIRP1+PSD/3.6	SUPPLY ABOUT CIRCUAR CONNECTOR
				7						
+PSD-WXWIR4	PE	+PSD4-XWIR4	PE	PE		PE			=WIRP1+PSD/3.6	=

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Terminal diagram


ESSK007

Strip designation **+PSD-XWIR5**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+PSD-WXWIR5	1	=WIRP5+COM5-K101	IN24V-	1			-X02	11	=WIRP1+PSD/3.7	HAN R15
+PSD-WXWIR5	2	=WIRP5+COM5-K101	IN24V-	2			-X02	12	=WIRP1+PSD/3.7	SUPPLY ABOUT CIRCUAR CONNECTOR
				3						
				4						
+PSD-WXWIR5	3	=WIRP5+COM5-K101	IN24V+	5			-X02	30	=WIRP1+PSD/3.8	HAN R15
+PSD-WXWIR5	4	=WIRP5+COM5-K101	IN24V+	6			-X02	31	=WIRP1+PSD/3.8	SUPPLY ABOUT CIRCUAR CONNECTOR
				7						
+PSD-WXWIR5	PE	PE		PE		PE			=WIRP1+PSD/3.8	=

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Change	Date	Name	Date	14.02.06	 Schneider Electric	DP CANopen OPTIMIZED MP&A/AD&S	+PSD-XWIR5 POWER SUPPLY WIRP5	Drawing number	= TERP
			Stand.	SEG				33003614	+
First.	Created for	Created by.	Check.					16	Pa. 16
			Stand.					16	DCO 53 Bl.

Terminal diagram

ESSK007

Strip designation **+COM-XS01**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+COM-WS01	1	=WIRP1+VORORT-SP11	13	1			-X03	1	=WIRP1+COM/2.1	HAN R15
+COM-WS01	2	=WIRP1+VORORT-SP11	14	2			-X03	2	=WIRP1+COM/2.1	START
+COM-WS01	3	=WIRP1+VORORT-S12	14	3			-X03	3	=WIRP1+COM/2.3	STOP
+COM-WS01	4	=WIRP1+VORORT-SP13	14	4			-X03	4	=WIRP1+COM/2.4	MAN / AUTO
+COM-WS01	5	=WIRP1+VORORT-SP11	x1	5			-X03	5	=WIRP1+COM/2.6	OPERATION
+COM-WS01	6	=WIRP1+VORORT-SP13	x1	6			-X03	6	=WIRP1+COM/2.8	MANUAL MODE
+COM-WS01	7	=WIRP1+VORORT-SP11	x2	7			-X03	7	=WIRP1+COM/2.6	OPERATION
+COM-WS01	PE	=WIRP1+VORORT-SP13	PE	PE			-X03	PE	=WIRP1+COM/2.5	MAN / AUTO


		Date	14.02.06	  		DP CANopen OPTIMIZED	+COM-XS01 PLUG START, STOP, MANUEL-AUTO	Drawing number	= TERP
		User.	SEG			MP&A/AD&S		33003614	+
Change	Date	Name	Stand.			First.	Created for	Created by.	
								17	DCO 53 Bl.

Terminal diagram

ESSK007

Strip designation **+COM-XP01**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+COM-WP01	1	=WIRP1+VORORT-P01	1	1		Q0.2	-X03	9	=WIRP1+COM/3.2	HAN R15
+COM-WP01	2	=WIRP1+VORORT-P01	2	2		Q0.3	-X03	10	=WIRP1+COM/3.3	HAND MODE WHITE LAMP
+COM-WP01	3	=WIRP1+VORORT-P01	3	3		Q0.4	-X03	11	=WIRP1+COM/3.4	PLANT ERROR RED SIGNAL LAMP
+COM-WP01	4	=WIRP1+VORORT-P01	4	4		Q0.7	-X03	12	=WIRP1+COM/3.5	SAFETY ERROR UN AKNOWLEDGE BLUE LAMP
				5						
+COM-WP01	5	=WIRP1+VORORT-P01	5	6		Q0.1	-X03	13	=WIRP1+COM/3.6	RESERVE
+COM-WP01	6	=WIRP1+VORORT-P01	C	7			-X03	14	=WIRP1+COM/3.2	OVDC
+COM-WP01	PE	=WIRP1+VORORT-P01	6	PE		PE	-X03	PE	=WIRP1+COM/3.7	PE

Date	14.02.06		DP CANopen OPTIMIZED	+COM-XP01 SIGNAL LAMP	Drawing number	= TERP	
User.	SEG		MP&A/AD&S		33003614	+	
Check.			Created for	Created by.			Pa. 18
Change	Date		Name	Stand.	First.		DCO 53 Bl.

Terminal diagram

ESSK007

Strip designation **+COM-XSCAN1**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+COM-W1	1	+PLC2-XSCAN1	1	1			=WIRP1-XCA2	2	=WIRP1+COM/4.7	
				2						
				3						
				4						
				5						

Change	Date	Name	Date	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> Merlin Gerin Square D Telemecanique </div> <div> </div> </div>				DP CANopen OPTIMIZED MP&A/AD&S Created for	+COM-XSCAN1 CANOPEN Created by	Drawing number		= TERP
			14.02.06							33003614		
			Stand.	First.	Created for			19		Pa. 19 53 Bl.		
							DCO					

Terminal diagram

ESSK007

Strip designation **+MOV-XM01**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+MOV-WM01	BK	=WIRP1+VORORT-M01	U	1			=WIRP1+SAF-K06	2	=WIRP1+MOV/1.1	HAN6
+MOV-WM01	BU	=WIRP1+VORORT-M01	V	2			=WIRP1+SAF-K06	4	=WIRP1+MOV/1.1	DRIVE 1
+MOV-WM01	BN	=WIRP1+VORORT-M01	W	3			=WIRP1+SAF-K06	6	=WIRP1+MOV/1.1	=
				4						
				5						
				6						
+MOV-WM01	GYE	=WIRP1+VORORT-M01	PE	PE		PE	=WIRP1-T01	PE	=WIRP1+MOV/1.2	=







Terminal diagram

ESSK007

Strip designation **+MOV-XM02**




Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+MOV-WM02	BK	=WIRP1+VORORT-M02	U	1			=WIRP1+SAF-K07	2	=WIRP1+MOV/2.1	HAN6
+MOV-WM02	BU	=WIRP1+VORORT-M02	V	2			=WIRP1+SAF-K07	4	=WIRP1+MOV/2.1	DRIVE 2
+MOV-WM02	BN	=WIRP1+VORORT-M02	W	3			=WIRP1+SAF-K07	6	=WIRP1+MOV/2.1	=
				4						
				5						
				6						
+MOV-WM02	GNYE	=WIRP1+VORORT-M02	PE	PE		PE	=WIRP1-T02	PE	=WIRP1+MOV/2.2	=

Change	Date	Name	Date	14.02.06	  		DP CANopen OPTIMIZED	+MOV-XM02 MOTOR2	Drawing number 33003614	= TERP
			Stand.	First.			Created for		Created by.	21

Terminal diagram

ESSK007

Strip designation +MOV-XM03										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+MOV-WM03	BK	=WIRP1+VORORT-M03	U	1			=WIRP1+SAF-K08	2	=WIRP1+MOV/3.1	HAN6
+MOV-WM03	BU	=WIRP1+VORORT-M03	V	2			=WIRP1+SAF-K08	4	=WIRP1+MOV/3.1	DRIVE 3'
+MOV-WM03	BN	=WIRP1+VORORT-M03	W	3			=WIRP1+SAF-K08	6	=WIRP1+MOV/3.1	=
				4						
				5						
				6						
+MOV-WM03	GYE	=WIRP1+VORORT-M03	PE	PE		PE	=WIRP1-T03	PE	=WIRP1+MOV/3.2	=


Date	14.02.06	  	DP CANopen OPTIMIZED	+MOV-XM03 MOTOR3	Drawing number 33003614	= TERP +		
User.	SEG		MP&A/AD&S				Pa. 22	
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO	53 Bl.

Terminal diagram

ESSK007

Strip designation **+MOV-XM04**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+MOV-WM04	BK	=WIRP1+VORORT-M04	U	1			=WIRP1+SAF-K09	2	=WIRP1+MOV/4.1	HAN6
+MOV-WM04	BU	=WIRP1+VORORT-M04	V	2			=WIRP1+SAF-K09	4	=WIRP1+MOV/4.1	DRIVE 4
+MOV-WM04	BN	=WIRP1+VORORT-M04	W	3			=WIRP1+SAF-K09	6	=WIRP1+MOV/4.1	=
				4						
				5						
				6						
+MOV-WM04	GNYE	=WIRP1+VORORT-M04	PE	PE		PE	=WIRP1-T04	PE	=WIRP1+MOV/4.2	=

Change	Date	Name	Date	14.02.06		DP CANopen OPTIMIZED	+MOV-XM04 MOTOR4	Drawing number	33003614	= TERP	Pa. 23
			User.	SEG		MP&A/AD&S					
			Stand.		First.	Created for		23		DCO	53 Bl.

Terminal diagram

ESSK007

Strip designation **+SAF-XSNA1**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		+SAF4-XSNA1	1	1			-XNA	1	=WIRP1+SAF/1.2	HAN R15
		+SAF4-XSNA1	2	2			=WIRP1-K01	S22	=WIRP1+SAF/1.2	
		+SAF4-XSNA1	3	3			-XNA	3	=WIRP1+SAF/1.2	
		+SAF4-XSNA1	4	4			=WIRP1-K01	S32	=WIRP1+SAF/1.2	
				5						
				6						
				7						
				PE						

23

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Date	14.02.06		DP CANopen OPTIMIZED	+SAF-XSNA1 EMERGENCY STOP WIRP4	Drawing number 33003614	= TERP +	Pa. 24
User.	SEG		MP&A/AD&S		= TERP +		24
Check.			Created for		Created by.	DCO	53 Bl.
Change	Date	Name	Stand.	First.			

Terminal diagram

ESSK007

Strip designation +SAF-XS04										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+SAF-WS04	BN	=WIRP1-S04	21	1			-XNA	5	=WIRP1+SAF/3.4	LIGHT CURTAIN DRIVES RELEASE
+SAF-WS04	BU	=WIRP1-S04	22	2			-XNA	6	=WIRP1+SAF/3.4	=
				3						
				4						
				5						
				6						
				7						
				PE						

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Terminal diagram

ESSK007

Strip designation +SAF-XS05										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+SAF-WS05	BN	=WIRP1-S05	21	1			-XNA	7	=WIRP1+SAF/3.4	LIGHT CURTAIN DRIVES RELEASE
+SAF-WS05	BU	=WIRP1-S05	22	2			-XNA	8	=WIRP1+SAF/3.4	=
				3						
				4						
				5						
				6						
				7						
				PE						

Date	14.02.06		DP CANopen OPTIMIZED	+SAF-XS05 LIMIT SWITCH	Drawing number 33003614	= TERP +	Pa. 26
User.	SEG		MP&A/AD&S				
Check.			Created for	Created by.	26	DCO	53 Bl.
Change	Date	Name	Stand.	First.			

Terminal diagram

ESSK007

Strip designation +PSD2-XWIR2										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				1						
+PSD-WXWIR2	1	+PSD-XWIR2	2	2			=WIRP2-F01	1	=WIRP2+PSD2/1.1	HAN R15
				3						
				4						
				5						
+PSD-WXWIR2	2	+PSD-XWIR2	6	6			+PLC2-K01	-	=WIRP2+PSD2/1.1	SUPPLY ABOUT CIRCUAR CONNECTOR
				7						
+PSD-WXWIR2	PE	+PSD-XWIR2	PE	PE		PE			=WIRP2+PSD2/1.1	=

Change	Date	Name	Stand.	First.	Created for	Created by.				
		Date	14.02.06		DP CANopen OPTIMIZED		+PSD2-XWIR2	Drawing number		= TERP
		User.	SEG				POWER SUPPLY WIRP 2	33003614		+
		Check.			MP&A/AD&S			27		Pa. 27
		Stand.			Created for			DCO		53 Bl.

Terminal diagram

ESSK007

Strip designation +PLC2-XSCAN2										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		+PLC3-XSCAN1	1	1					=WIRP2+PLC2/1.7	CANOPEN
				2						
				3						
				4						
				5						

Change	Date	Name	Stand.	First.	Created for	Created by.	DP CANopen OPTIMIZED	+PLC2-XSCAN2 CANOPEN	Drawing number 33003614 29	= TERP + DCO	Pa. 29 53 Bl.
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Terminal diagram

ESSK007

Strip designation **+COM2-XS01**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+COM2-WS01	1	=WIRP2+VORORT-S11	13	1			-X03	1	=WIRP2+COM2/2.2	HAN R15
+COM2-WS01	2	=WIRP2+VORORT-S11	14	2			-X03	2	=WIRP2+COM2/2.2	LEFT-BUTTON DRIVE 1
+COM2-WS01	3	=WIRP2+VORORT-S12	14	3			-X03	3	=WIRP2+COM2/2.3	STOP-BUTTON DRIVE 1
+COM2-WS01	4	=WIRP2+VORORT-S13	14	4			-X03	4	=WIRP2+COM2/2.5	RIGHT-BUTTON DRIVE 1
				5						
				6						
				7						
+COM2-WS01	PE	=WIRP2+VORORT-S13	PE	PE			-X03	PE	=WIRP2+COM2/2.5	=

Terminal diagram

ESSK007

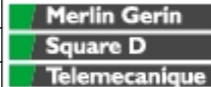

Strip designation +PLC3-XSCAN1										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				1			+PLC2-XSCAN2	1	=WIRP3+PLC3/1.7	CANOPEN
				2						
				3						
				4						
				5						

	Date	14.02.06		DP CANopen OPTIMIZED	+PLC3-XSCAN1 CANOPEN	Drawing number 33003614	= TERP		
	User.	SEG		MP&A/AD&S			+ DCO	Pa.	32
Change	Date	Name		Stand.			First.	Created for	Created by.

Terminal diagram

Strip designation +PLC3-XSCAN2

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		+PLC4-XSCAN1	1	1					=WIRP3+PLC3/1.7	CANOPEN
				2						
				3						
				4						
				5						

Date	14. 02. 06				DP CANopen OPTIMIZED	+PLC3-XSCAN2 CANOPEN	Drawing number		= TERP	
	User.	SEG			MP&A/AD&S		33003614	+		Pa.
Check.	Stand.	First.		Created for	Created by.		33	DCO		53 Bl.
Change		Date	Name							

Terminal diagram

ESSK007

Strip designation +COM3-XS01

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+COM3-WS01	1	=WIRP3+VORORT-S11	13	1			-X03	1	=WIRP3+COM3/2.1	HAN R15
+COM3-WS01	2	=WIRP3+VORORT-S11	14	2			-X03	2	=WIRP3+COM3/2.1	LEFT-BUTTON DRIVE 1
+COM3-WS01	3	=WIRP3+VORORT-S12	14	3			-X03	3	=WIRP3+COM3/2.3	STOP-BUTTON DRIVE 1
+COM3-WS01	4	=WIRP3+VORORT-S13	14	4			-X03	4	=WIRP3+COM3/2.4	RIGHT-BUTTON DRIVE 1
				5						
				6						
				7						
+COM3-WS01	PE	=WIRP3+VORORT-S13	PE	PE			-X03	PE	=WIRP3+COM3/2.5	=

Change	Date	Name	Stand.	First.	Created for	Created by.	DP CANopen OPTIMIZED	+COM3-XS01 CONVEYOR 3	Drawing number 33003614	= TERP +	Pa. 34
									34	DCO	53 Bl.




Terminal diagram

ESSK007

Strip designation **+COM3-XS02**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+COM3-WS02	1	=WIRP3+VORORT-S21	13	1			-X03	6	=WIRP3+COM3/4.1	HAN R15
+COM3-WS02	2	=WIRP3+VORORT-S21	14	2			-X03	7	=WIRP3+COM3/4.1	LEFT-BUTTON DRIVE 2
+COM3-WS02	3	=WIRP3+VORORT-S22	14	3			-X03	8	=WIRP3+COM3/4.3	STOP-BUTTON DRIVE 2
+COM3-WS02	4	=WIRP3+VORORT-S23	14	4			-X03	9	=WIRP3+COM3/4.5	RIGHT-BUTTON DRIVE 2
+COM3-WS02	PE	=WIRP3+VORORT-S23	PE	PE			-X03	PE	=WIRP3+COM3/4.5	=

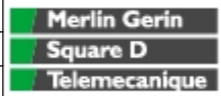

		Date	14.02.06		DP CANopen OPTIMIZED	+COM3-XS02 BUTTON ON LOCATION	Drawing number	= TERP
		User.	SEG		MP&A/AD&S		33003614	+
Change	Date	Name	Stand.		First.		Created for	Created by.
								Pa. 35
								53 Bl.

Terminal diagram

ESSK007

Strip designation **+PSD4-X01W4**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+PSD-WWIR01	BK	+PSD-XWIR1	1	1			=WIRP4-F01	1	=WIRP4+PSD4/1.1	HAN6
+PSD-WWIR01	BU	+PSD-XWIR1	2	2			=WIRP4+SAF4-K05	3	=WIRP4+PSD4/1.1	POWER SUPPLY FROM MAIN PANEL
+PSD-WWIR01	BN	+PSD-XWIR1	3	3			=WIRP4+SAF4-K05	5	=WIRP4+PSD4/1.1	=
+PSD-WWIR01	BK	+PSD-XWIR1	4	4			=WIRP4-F01	3	=WIRP4+PSD4/1.2	=
				5						
				6						
+PSD-WWIR01	GNYE	+PSD-XWIR1	PE	PE		PE	PE		=WIRP4+PSD4/1.2	=


Date	14.02.06			DP CANopen OPTIMIZED MP&A/AD&S	+PSD4-X01W4 POWER SUPPLY WIRP4	Drawing number 33003614	= TERP +				
Change	Date					Name	Stand.	First.	Created for	36	DCO
									Created by.	Pa. 36 53 Bl.	

Terminal diagram

ESSK007

Strip designation **+PSD4-XWIR4**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				1						
				2						
				3						
+PSD-WXWIR4	1	+PSD-XWIR4	4	4			=WIRP4-F02	1	=WIRP4+PSD4/2.1	HAN R15
				5						
+PSD-WXWIR4	2	+PSD-XWIR4	6	6			-XWIRP4	1	=WIRP4+PSD4/2.1	SUPPLY ABOUT CIRCUAR CONNECTOR
				7						
+PSD-WXWIR4	PE	+PSD-XWIR4	PE	PE		PE			=WIRP4+PSD4/2.1	=

Date	14.02.06		DP CANopen OPTIMIZED	+PSD4-XWIR4 CONTROL VOLTAGE WIRP4	Drawing number 33003614	= TERP			
User.	SEG		MP&A/AD&S			+		Pa. 37	
Check.			Created for			DCO			53 Bl.
Change	Date	Name	Stand.	First.		Created by.		37	

Terminal diagram

ESSK007

Strip designation **+PLC4-XSCAN1**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				1			+PLC3-XSCAN2	1	=WIRP4+PLC4/1.6	CANOPEN
				2						
				3						
				4						
				5						

Terminal diagram

ESSK007

Strip designation **+PLC4-XSCAN2**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
		=WIRP5+COM5-K101	INBUS	1					=WIRP4+PLC4/3.7	CANOPEN
				2						
				3						
				4						
				5						

		Date	14.02.06	Merlin Gerin Square D Telemecanique	Schneider Electric	DP CANopen OPTIMIZED	+PLC4-XSCAN2 CANOPEN	Drawing number	= TERP
		User.	SEG		MP&A/AD&S	+			
Change	Date	Name	Stand.	First.	Created for	Created by.		33003614	Pa. 39
								39	DCO 53 Bl.

Terminal diagram

ESSK007

Strip designation +COM4-XS02										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+COM4-WS04	1	=WIRP4+VORORT-S21	13	1			-X03	6	=WIRP4+COM4/4.1	HAN R15
+COM4-WS04	2	=WIRP4+VORORT-S21	14	2			-X03	7	=WIRP4+COM4/4.1	LEFT-BUTTON DRIVE 2
+COM4-WS04	3	=WIRP4+VORORT-S22	14	3			-X03	8	=WIRP4+COM4/4.3	STOP-BUTTON DRIVE 2
+COM4-WS04	4	=WIRP4+VORORT-S23	14	4			-X03	9	=WIRP4+COM4/4.4	RIGHT-BUTTON DRIVE 2
				5						
				6						
				7						
+COM4-WS04	PE	=WIRP4+VORORT-S23	PE	PE			-X03	PE	=WIRP4+COM4/4.5	=

Change	Date	Name	Stand.	First.	Created for	Created by.	DP CANopen OPTIMIZED	+COM4-XS02 CONVEYOR 2	Drawing number 33003614	= TERP +	Pa. 41
									41	DCO	53 Bl.



Terminal diagram

ESSK007

Strip designation +MOV4-XM02										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+MOV4-WM02	1	=WIRP4+VORORT-M02	U	1			=WIRP4-F02	2	=WIRP4+MOV4/2.1	HAN6
+MOV4-WM02	2	=WIRP4+VORORT-M02	V	2			=WIRP4-F02	4	=WIRP4+MOV4/2.1	DRIVE 2
+MOV4-WM02	3	=WIRP4+VORORT-M02	W	3			=WIRP4-F02	6	=WIRP4+MOV4/2.1	=
				4						
				5						
				6						
+MOV4-WM02	PE	=WIRP4+VORORT-M02	PE	PE			=WIRP4-PE		=WIRP4+MOV4/2.2	=

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Terminal diagram

ESSK007

Strip designation **+SAF4-XS03**


Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+SAF4-WS03	BK	=WIRP4+VORORT-S03	22	1			-XNA	10	=WIRP4+SAF4/2.1	
+SAF4-WS03	BU	=WIRP4+VORORT-S03	21	2			-XNA	9	=WIRP4+SAF4/2.1	
+SAF4-WS03	BN	=WIRP4+VORORT-S03	32	3			-XNA	12	=WIRP4+SAF4/2.2	
+SAF4-WS03	BK	=WIRP4+VORORT-S03	31	4			-XNA	11	=WIRP4+SAF4/2.2	
				5						
				6						
				7						
+SAF4-WS03	GNYE	=WIRP4+VORORT-S03	PE	PE			=WIRP4-PE		=WIRP4+SAF4/2.2	

Terminal diagram

ESSK007

Strip designation +COM5-K101

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				51		05.1	=WIRP5-K101	05.1	=WIRP5+COM5/10.5	Reserve
				52		05.2	=WIRP5-K101	05.2	=WIRP5+COM5/10.6	=
				53		05.3	=WIRP5-K101	05.3	=WIRP5+COM5/10.7	=
				54		05.4	=WIRP5-K101	05.4	=WIRP5+COM5/10.7	=
				55		05.5	=WIRP5-K101	05.5	=WIRP5+COM5/10.8	=
				61		06.1	=WIRP5-K101	06.1	=WIRP5+COM5/11.1	=
				62		06.2	=WIRP5-K101	06.2	=WIRP5+COM5/11.1	=
				63		06.3	=WIRP5-K101	06.3	=WIRP5+COM5/11.2	=
				64		06.4	=WIRP5-K101	06.4	=WIRP5+COM5/11.3	=
				65		06.5	=WIRP5-K101	06.5	=WIRP5+COM5/11.4	=
				71		07.1	=WIRP5-K101	07.1	=WIRP5+COM5/11.5	=
				72		07.2	=WIRP5-K101	07.2	=WIRP5+COM5/11.6	=
				73		07.3	=WIRP5-K101	07.3	=WIRP5+COM5/11.7	=
				74		07.4	=WIRP5-K101	07.4	=WIRP5+COM5/11.7	=
				75		07.5	=WIRP5-K101	07.5	=WIRP5+COM5/11.8	=


Date	14.02.06		DP CANopen OPTIMIZED		+COM5-K101 FTB	Drawing number 33003614	= TERP	
User.	SEG		MP&A/AD&S				+	
Check.			Created for	Created by.	DCO		Pa.	47
Change	Date	Name	Stand.	First.		47	53 Bl.	

Terminal diagram

ESSK007

Strip designation +COM5-K102


Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+COM5-WB04	1	=WIRP5-B04	1	01		00.1	=WIRP5-K102	00.1	=WIRP5+COM5/12.1	24V+
				02		00.2	=WIRP5-K102	00.2	=WIRP5+COM5/12.1	OUT
+COM5-WB04	2	=WIRP5-B04	3	03		00.3	=WIRP5-K102	00.3	=WIRP5+COM5/12.2	0V
+COM5-WB04	3	=WIRP5-B04	4	04		00.4	=WIRP5-K102	00.4	=WIRP5+COM5/12.3	INITIATOR POS. 1
				05		00.5	=WIRP5-K102	00.5	=WIRP5+COM5/12.4	PE
+COM5-WB05	1	=WIRP5-B05	1	11		01.1	=WIRP5-K102	01.1	=WIRP5+COM5/12.5	24V+
				12		01.2	=WIRP5-K102	01.2	=WIRP5+COM5/12.6	OUT
+COM5-WB05	2	=WIRP5-B05	3	13		01.3	=WIRP5-K102	01.3	=WIRP5+COM5/12.7	0V
+COM5-WB05	3	=WIRP5-B05	4	14		01.4	=WIRP5-K102	01.4	=WIRP5+COM5/12.7	INITIATOR POS. 1.2
				15		01.5	=WIRP5-K102	01.5	=WIRP5+COM5/12.8	PE
+COM5-WB06	1	=WIRP5-B06	1	21		02.1	=WIRP5-K102	02.1	=WIRP5+COM5/13.1	24V+
				22		02.2	=WIRP5-K102	02.2	=WIRP5+COM5/13.1	OUT
+COM5-WB06	2	=WIRP5-B06	3	23		02.3	=WIRP5-K102	02.3	=WIRP5+COM5/13.2	0V
+COM5-WB06	3	=WIRP5-B06	4	24		02.4	=WIRP5-K102	02.4	=WIRP5+COM5/13.3	INITIATOR POS. 2
				25		02.5	=WIRP5-K102	02.5	=WIRP5+COM5/13.4	PE
+COM5-WB07	1	=WIRP5-B07	1	31		03.1	=WIRP5-K102	03.1	=WIRP5+COM5/13.5	24V+
				32		03.2	=WIRP5-K102	03.2	=WIRP5+COM5/13.6	OUT
+COM5-WB07	2	=WIRP5-B07	3	33		03.3	=WIRP5-K102	03.3	=WIRP5+COM5/13.7	0V
+COM5-WB07	3	=WIRP5-B07	4	34		03.4	=WIRP5-K102	03.4	=WIRP5+COM5/13.7	INITIATOR POS. 2.2
				35		03.5	=WIRP5-K102	03.5	=WIRP5+COM5/13.8	PE
				41		04.1	=WIRP5-K102	04.1	=WIRP5+COM5/14.1	Reserve
				42		04.2	=WIRP5-K102	04.2	=WIRP5+COM5/14.1	=
				43		04.3	=WIRP5-K102	04.3	=WIRP5+COM5/14.2	=
				44		04.4	=WIRP5-K102	04.4	=WIRP5+COM5/14.3	=
				45		04.5	=WIRP5-K102	04.5	=WIRP5+COM5/14.4	=

		Date	14.02.06		DP CANopen OPTIMIZED	+COM5-K102 FTB	Drawing number	= TERP
		User.	SEG		MP&A/AD&S		33003614	+
Change	Date	Name	Stand.		First.		Created for	Created by.
								Pa. 48
								53 Bl.

Terminal diagram

ESSK007

Strip designation +COM5-K102										
Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				51		05.1	=WIRP5-K102	05.1	=WIRP5+COM5/14.5	Reserve
				52		05.2	=WIRP5-K102	05.2	=WIRP5+COM5/14.6	=
				53		05.3	=WIRP5-K102	05.3	=WIRP5+COM5/14.7	=
				54		05.4	=WIRP5-K102	05.4	=WIRP5+COM5/14.7	=
				55		05.5	=WIRP5-K102	05.5	=WIRP5+COM5/14.8	=
				61		06.1	=WIRP5-K102	06.1	=WIRP5+COM5/15.1	=
				62		06.2	=WIRP5-K102	06.2	=WIRP5+COM5/15.1	=
				63		06.3	=WIRP5-K102	06.3	=WIRP5+COM5/15.2	=
				64		06.4	=WIRP5-K102	06.4	=WIRP5+COM5/15.3	=
				65		06.5	=WIRP5-K102	06.5	=WIRP5+COM5/15.4	=
				71		07.1	=WIRP5-K102	07.1	=WIRP5+COM5/15.5	=
				72		07.2	=WIRP5-K102	07.2	=WIRP5+COM5/15.6	=
				73		07.3	=WIRP5-K102	07.3	=WIRP5+COM5/15.7	=
				74		07.4	=WIRP5-K102	07.4	=WIRP5+COM5/15.7	=
				75		07.5	=WIRP5-K102	07.5	=WIRP5+COM5/15.8	=

			Date	14.02.06		DP CANopen OPTIMIZED	+COM5-K102 FTB	Drawing number	= TERP	
			User.	SEG					33003614	+
Change	Date	Name	Stand.	First.		Created for		Created by.	49	DCO

Terminal diagram

ESSK007

Strip designation +COM5-K103

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
+COM5-WB08	3	=WIRP5-B08	1	01		00.1	=WIRP5-K103	00.1	=WIRP5+COM5/16.1	24V+
				02		00.2	=WIRP5-K103	00.2	=WIRP5+COM5/16.1	OUT
+COM5-WB08	1	=WIRP5-B08	3	03		00.3	=WIRP5-K103	00.3	=WIRP5+COM5/16.2	0V
+COM5-WB08	2	=WIRP5-B08	4	04		00.4	=WIRP5-K103	00.4	=WIRP5+COM5/16.3	LIGHT BARRIER CONVEYER TURNTABLE
				05		00.5	=WIRP5-K103	00.5	=WIRP5+COM5/16.4	PE
				11		01.1	=WIRP5-K103	01.1	=WIRP5+COM5/16.5	Reserve
				12		01.2	=WIRP5-K103	01.2	=WIRP5+COM5/16.6	=
				13		01.3	=WIRP5-K103	01.3	=WIRP5+COM5/16.7	=
				14		01.4	=WIRP5-K103	01.4	=WIRP5+COM5/16.7	=
				15		01.5	=WIRP5-K103	01.5	=WIRP5+COM5/16.8	=
				21		02.1	=WIRP5-K103	02.1	=WIRP5+COM5/17.1	=
				22		02.2	=WIRP5-K103	02.2	=WIRP5+COM5/17.1	=
				23		02.3	=WIRP5-K103	02.3	=WIRP5+COM5/17.2	=
				24		02.4	=WIRP5-K103	02.4	=WIRP5+COM5/17.3	=
				25		02.5	=WIRP5-K103	02.5	=WIRP5+COM5/17.4	=
				31		03.1	=WIRP5-K103	03.1	=WIRP5+COM5/17.5	=
				32		03.2	=WIRP5-K103	03.2	=WIRP5+COM5/17.6	=
				33		03.3	=WIRP5-K103	03.3	=WIRP5+COM5/17.7	=
				34		03.4	=WIRP5-K103	03.4	=WIRP5+COM5/17.7	=
				35		03.5	=WIRP5-K103	03.5	=WIRP5+COM5/17.8	=
				41		04.1	=WIRP5-K103	04.1	=WIRP5+COM5/18.1	=
				42		04.2	=WIRP5-K103	04.2	=WIRP5+COM5/18.1	=
				43		04.3	=WIRP5-K103	04.3	=WIRP5+COM5/18.2	=
				44		04.4	=WIRP5-K103	04.4	=WIRP5+COM5/18.3	=
				45		04.5	=WIRP5-K103	04.5	=WIRP5+COM5/18.4	=

		Date	14.02.06	Merlin Gerin	Schneider Electric	DP CANopen OPTIMIZED	+COM5-K103	Drawing number	= TERP	
		User.	SEG	Square D				33003614	+	
		Check.		Telemecanique	MP&A/AD&S	FTB				Pa. 50
Change	Date	Name	Stand.	First.	Created for	Created by.		50	DCO	53 Bl.

Terminal diagram

ESSK007

Strip designation **+COM5-K103**

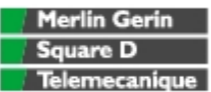

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				51		05.1	=WIRP5-K103	05.1	=WIRP5+COM5/18.5	Reserve
				52		05.2	=WIRP5-K103	05.2	=WIRP5+COM5/18.6	=
				53		05.3	=WIRP5-K103	05.3	=WIRP5+COM5/18.7	=
				54		05.4	=WIRP5-K103	05.4	=WIRP5+COM5/18.7	=
				55		05.5	=WIRP5-K103	05.5	=WIRP5+COM5/18.8	=
				61		06.1	=WIRP5-K103	06.1	=WIRP5+COM5/19.1	=
				62		06.2	=WIRP5-K103	06.2	=WIRP5+COM5/19.1	=
				63		06.3	=WIRP5-K103	06.3	=WIRP5+COM5/19.2	=
				64		06.4	=WIRP5-K103	06.4	=WIRP5+COM5/19.3	=
				65		06.5	=WIRP5-K103	06.5	=WIRP5+COM5/19.4	=
				71		07.1	=WIRP5-K103	07.1	=WIRP5+COM5/19.5	=
				72		07.2	=WIRP5-K103	07.2	=WIRP5+COM5/19.6	=
				73		07.3	=WIRP5-K103	07.3	=WIRP5+COM5/19.7	=
				74		07.4	=WIRP5-K103	07.4	=WIRP5+COM5/19.7	=
				75		07.5	=WIRP5-K103	07.5	=WIRP5+COM5/19.8	=

		Date	14.02.06	  		DP CANopen OPTIMIZED		+COM5-K103		Drawing number		= TERP		
		User.	SEG			MP&A/AD&S		FTB		33003614		+		
Change	Date	Name	Stand.			First.	Created for	Created by.			51		Pa.	51
										51	DCO	53 Bl.		

Terminal diagram

Strip designation **+COM5-K104**

Cable name	Cond.	Target design.	Connection	Term	Jumpers	Connection	Target design.	Connection	Page/path	Function text
				51		05.1	=WIRP5-K104	05.1	=WIRP5+COM5/22.5	Reserve
				52		05.2	=WIRP5-K104	05.2	=WIRP5+COM5/22.6	=
				53		05.3	=WIRP5-K104	05.3	=WIRP5+COM5/22.7	=
				54		05.4	=WIRP5-K104	05.4	=WIRP5+COM5/22.7	=
				55		05.5	=WIRP5-K104	05.5	=WIRP5+COM5/22.8	=
				61		06.1	=WIRP5-K104	06.1	=WIRP5+COM5/23.1	=
				62		06.2	=WIRP5-K104	06.2	=WIRP5+COM5/23.1	=
				63		06.3	=WIRP5-K104	06.3	=WIRP5+COM5/23.2	=
				64		06.4	=WIRP5-K104	06.4	=WIRP5+COM5/23.3	=
				65		06.5	=WIRP5-K104	06.5	=WIRP5+COM5/23.4	=
				71		07.1	=WIRP5-K104	07.1	=WIRP5+COM5/23.5	=
				72		07.2	=WIRP5-K104	07.2	=WIRP5+COM5/23.6	=
				73		07.3	=WIRP5-K104	07.3	=WIRP5+COM5/23.7	=
				74		07.4	=WIRP5-K104	07.4	=WIRP5+COM5/23.7	=
				75		07.5	=WIRP5-K104	07.5	=WIRP5+COM5/23.8	=

Date	14.02.06	 	DP CANopen OPTIMIZED	+COM5-K104 FTB	Drawing number	= TERP	
User.	SEG		MP&A/AD&S		33003614	+	
Check.			Created for		53	DCO	Pa.
Change	Date	Name	Stand.	First.		Created by.	



Cable overview

WUPS001D 24.02.1994

Cable designations	Cable type	Total conductors	Conduct. used	Cross-section mm ²	Remark	Page
+PSD-WWIR01	ÖLFLEX 100 H	5/PE	5/PE	1.5	H4 PANEL	=WIRP1+PSD/1.5
+PSD-WX001	ÖLFLEX 100 H	5/PE	5/PE	2.5	POWER SUPPLY	=WIRP1+PSD/1.1
+PSD-WXWIR2	ÖLFLEX CLASSIC 110-G	3/PE	3/PE	1	TO CABINET H2	=WIRP1+PSD/3.1
+PSD-WXWIR3	ÖLFLEX CLASSIC 110-G	3/PE	3/PE	1	TO CABINET H3	=WIRP1+PSD/3.4
+PSD-WXWIR4	ÖLFLEX CLASSIC 110-G	3/PE	3/PE	1	TO CABINET H4	=WIRP1+PSD/3.5
+PSD-WXWIR5	ÖLFLEX CLASSIC 110-G	5/PE	5/PE	1	TO FIELD FDB H5	=WIRP1+PSD/3.7
+COM-W1		1	1	1		=WIRP1+COM/4.7
+COM-WP01	ÖLFLEX CLASSIC 110-G	7/PE	7/PE	1	STEADY LIGHT SIGNALING	=WIRP1+COM/3.2
+COM-WS01	ÖLFLEX CLASSIC 110-G	10/PE	8/PE	1	START, STOP, HAND	=WIRP1+COM/2.1
+MOV-WM01	UNITRONIC 100CY	4/PE+SH	4/PE	1.5	DRIVE	=WIRP1+MOV/1.1
+MOV-WM02	UNITRONIC 100CY	4/PE+SH	4/PE	1.5	DRIVE	=WIRP1+MOV/2.1
+MOV-WM03	UNITRONIC 100CY	4/PE+SH	4/PE	1.5	DRIVE	=WIRP1+MOV/3.1
+MOV-WM04	UNITRONIC 100CY	4/PE+SH	4/PE	1.5	DRIVE	=WIRP1+MOV/4.1
+SAF-WLC01	UNI	9+SH	8	1	RECEIVER	=WIRP1+SAF/2.6
+SAF-WLC02	UNI	6+SH	5	1	TRANSMITTER	=WIRP1+SAF/2.8
+SAF-WS01	ÖLFLEX 100 H	5/PE	4	1	EMERGENCY STOP	=WIRP1+SAF/1.1
+SAF-WS04	ÖLFLEX 100 H	3/PE	2	1	LIMIT SWITCH 1	=WIRP1+SAF/3.4
+SAF-WS05	ÖLFLEX 100 H	3/PE	2	1	LIMIT SWITCH 1	=WIRP1+SAF/3.4
+COM2-WS01	ÖLFLEX CLASSIC 110-G	5/PE	5/PE	1	START, STOP, HAND	=WIRP2+COM2/2.1
+COM3-WS01	ÖLFLEX CLASSIC 110-G	5/PE	5/PE	1	CONVEYER 2 LEFT, STOP, RIGHT	=WIRP3+COM3/2.1
+COM3-WS02	ÖLFLEX CLASSIC 110-G	5/PE	5/PE	1	START, STOP, HAND	=WIRP3+COM3/4.1
+COM4-WS01	ÖLFLEX CLASSIC 110-G	5/PE	5/PE	1	START, STOP, HAND	=WIRP4+COM4/2.1
+COM4-WS04	ÖLFLEX CLASSIC 110-G	5/PE	5/PE	1	CONVEYER 2 LEFT, STOP, RIGHT	=WIRP4+COM4/4.1
+MOV4-WM01	ÖLFLEX CLASSIC 110-G	4/PE	4/PE	1.5	DRIVE	=WIRP4+MOV4/1.1
+MOV4-WM02	ÖLFLEX CLASSIC 110-G	4/PE	4/PE	1.5	DRIVE	=WIRP4+MOV4/2.1
+SAF4-WS03	ÖLFLEX 100 H	5/PE	5/PE	1	LIMIT SWITCH 1	=WIRP4+SAF4/2.1

=TERP/53

2

Date	14.02.06	 	DP CANopen OPTIMIZED	CABLE OVERVIEW	Drawing number	= CABPO
User.	SEG		MP&A/AD&S		33003614	+
Check.			Created for		1	DCO
Change	Date	Name	Stand.	First.	Created by.	2 Bl.

Cable overview

WUPS001D 24.02.1994

Cable designations	Cable type	Total conductors	Conduct. used	Cross-section mm ²	Remark	Page
+COM5-WB01	ÖLFLEX CLASSIC 110	3	3	0.75	LIGHT BARRIER	=WIRP5+COM5/8.1
+COM5-WB02	ÖLFLEX CLASSIC 110	3	3	0.75	LIGHT BARRIER	=WIRP5+COM5/8.5
+COM5-WB03	ÖLFLEX CLASSIC 110	3	3	0.75	LIGHT BARRIER	=WIRP5+COM5/9.1
+COM5-WB04	ÖLFLEX CLASSIC 110	3	3	0.75	INITIATOR	=WIRP5+COM5/12.1
+COM5-WB05	ÖLFLEX CLASSIC 110	3	3	0.75	INITIATOR	=WIRP5+COM5/12.5
+COM5-WB06	ÖLFLEX CLASSIC 110	3	3	0.75	INITIATOR	=WIRP5+COM5/13.1
+COM5-WB07	ÖLFLEX CLASSIC 110	3	3	0.75	INITIATOR	=WIRP5+COM5/13.5
+COM5-WB08	ÖLFLEX CLASSIC 110	3	3	0.75	LIGHT BARRIER	=WIRP5+COM5/16.1
+COM5-WB09	ÖLFLEX CLASSIC 110	3	3	0.75	LIGHT BARRIER	=WIRP5+COM5/20.1

=CABP/1

1




Change	Date	Name	Stand.	First.	Created for	Created by.	DP CANopen OPTIMIZED	CABLE OVERVIEW	Drawing number	= CABPO	
									33003614	+	Pa. 2
								2	DCO		2 Bl.



Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark			
+PSD-WWIRO1	ÖLFLEX 100 H	5/PE	1.5	-	H4 PANEL			
Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
CABINET +H4 SOFT STARTER	=WIRP1+PSD/1.6	+PSD-XWIR1	PE	GNYE	+PSD4-X01W4	PE	=WIRP4+PSD4/1.2	POWER SUPPLY FROM MAIN PANEL
HAN6	=WIRP1+PSD/1.5	+PSD-XWIR1	1	BK	+PSD4-X01W4	1	=WIRP4+PSD4/1.1	HAN6
CABINET +H4 SOFT STARTER	=WIRP1+PSD/1.6	+PSD-XWIR1	2	BU	+PSD4-X01W4	2	=WIRP4+PSD4/1.1	POWER SUPPLY FROM MAIN PANEL
CABINET +H4 SOFT STARTER	=WIRP1+PSD/1.6	+PSD-XWIR1	3	BN	+PSD4-X01W4	3	=WIRP4+PSD4/1.1	POWER SUPPLY FROM MAIN PANEL
CABINET +H4 SOFT STARTER	=WIRP1+PSD/1.6	+PSD-XWIR1	4	BK	+PSD4-X01W4	4	=WIRP4+PSD4/1.2	POWER SUPPLY FROM MAIN PANEL

=CABPO/2

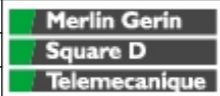
2

Date	14.02.06	 	DP CANopen OPTIMIZED	+PSD-WWIRO1 H4 PANEL	Drawing number 33003614	= CABP	
User.	SEG					+	Pa.
Check.			MP&A/AD&S		1	DCO	35 Bl.
Change	Date						Name

Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark
+PSD-WX001	ÖLFLEX 100 H	5/PE	2.5	-	POWER SUPPLY

Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
LOCAL FUSE MAX. 16A	=WIRP1+PSD/1.2	+UV-XO	PE	GNYE	+PSD-X01	PE	=WIRP1+PSD/1.2	LOCAL FUSE MAX. 16A
POWER SUPPLY	=WIRP1+PSD/1.1	+UV-XO	1	BK	+PSD-X01	1	=WIRP1+PSD/1.1	HAN6
LOCAL FUSE MAX. 16A	=WIRP1+PSD/1.1	+UV-XO	2	BU	+PSD-X01	2	=WIRP1+PSD/1.1	LOCAL FUSE MAX. 16A
LOCAL FUSE MAX. 16A	=WIRP1+PSD/1.1	+UV-XO	3	BN	+PSD-X01	3	=WIRP1+PSD/1.1	LOCAL FUSE MAX. 16A
LOCAL FUSE MAX. 16A	=WIRP1+PSD/1.2	+UV-XO	N	BK	+PSD-X01	4	=WIRP1+PSD/1.2	LOCAL FUSE MAX. 16A

Change	Date	Name	Stand.	First.	Created for	Created by.	+PSD-WX001 POWER SUPPLY	Drawing number 33003614 2	= CABP + DCO	Pa. 2 35 Bl.



DP CANopen OPTIMIZED
MP&A/AD&S
Created for

Drawing number
33003614
2
DCO

= CABP
+
Pa.
2
35 Bl.





Cable name +PSD-WXWIR2	Cable type ÖLFLEX CLASSIC 110-G	No. of cores 3/PE	Cross-section 1	Cable length -	Remark TO CABINET H2
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP1+PSD/3.2	+PSD-XWIR2	2	1	+PSD2-XWIR2	2	=WIRP2+PSD2/1.1	HAN R15
SUPPLY ABOUT CIRCUAR CONNECTOR	=WIRP1+PSD/3.2	+PSD-XWIR2	6	2	+PSD2-XWIR2	6	=WIRP2+PSD2/1.1	SUPPLY ABOUT CIRCUAR CONNECTOR
SUPPLY ABOUT CIRCUAR CONNECTOR	=WIRP1+PSD/3.2	+PSD-XWIR2	PE	PE	+PSD2-XWIR2	PE	=WIRP2+PSD2/1.1	SUPPLY ABOUT CIRCUAR CONNECTOR





		Date	14.02.06	 		DP CANopen OPTIMIZED	+PSD-WXWIR2 TO CABINET H2	Drawing number	= CABP	
		User.	SEG			33003614		+		
Change	Date	Name	Stand.			3		DCO	Pa.	3
				First.	Created for	Created by.				

Cable name +PSD-WXWIR3	Cable type ÖLFLEX CLASSIC 110-G	No. of cores 3/PE	Cross-section 1	Cable length -	Remark TO CABINET H3
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP1+PSD/3.4	+PSD-XWIR3	3	1	+PSD3-XWIR3	3	=WIRP3+PSD3/1.1	HAN R15
SUPPLY ABOUT CIRCUAR CONNECTOR	=WIRP1+PSD/3.4	+PSD-XWIR3	6	2	+PSD3-XWIR3	6	=WIRP3+PSD3/1.1	SUPPLY ABOUT CIRCUAR CONNECTOR
SUPPLY ABOUT CIRCUAR CONNECTOR	=WIRP1+PSD/3.4	+PSD-XWIR3	PE	PE	+PSD3-XWIR3	PE	=WIRP3+PSD3/1.1	SUPPLY ABOUT CIRCUAR CONNECTOR

Date	14.02.06	 Merlin Gerin	 Schneider Electric	DP CANopen OPTIMIZED	+PSD-WXWIR3 TO CABINET H3	Drawing number	= CABP	
User.	SEG	 Square D		MP&A/AD&S		33003614	+	
Check.		 Telemecanique		Created by.		4	Pa. 4	
Change	Date	Name	Stand.	First.	Created for		DCO	35 Bl.


Cable name	Cable type			No. of cores	Cross-section	Cable length	Remark	
+PSD-WXWIR4	ÖLFLEX CLASSIC 110-G			3/PE	1	-	TO CABINET H4	
Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP1+PSD/3.6	+PSD-XWIR4	4	1	+PSD4-XWIR4	4	=WIRP4+PSD4/2.1	HAN R15
SUPPLY ABOUT CIRCUAR CONNECTOR	=WIRP1+PSD/3.6	+PSD-XWIR4	6	2	+PSD4-XWIR4	6	=WIRP4+PSD4/2.1	SUPPLY ABOUT CIRCUAR CONNECTOR
SUPPLY ABOUT CIRCUAR CONNECTOR	=WIRP1+PSD/3.6	+PSD-XWIR4	PE	PE	+PSD4-XWIR4	PE	=WIRP4+PSD4/2.1	SUPPLY ABOUT CIRCUAR CONNECTOR

Date	14.02.06	   	DP CANopen OPTIMIZED	+PSD-WXWIR4 TO CABINET H4	Drawing number	= CABP				
User.	SEG		MP&A/AD&S		33003614	+				
Change	Date	Name	Stand.	First.	Created for	Created by.	5	Pa.	5	35 Bl.
							5	DCO		





Cable name		Cable type		No. of cores	Cross-section	Cable length	Remark	
+PSD-WXWIR5		ÖLFLEX CLASSIC 110-G		5/PE	1	-	TO FIELD FDB H5	
Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP1+PSD/3.7	+PSD-XWIR5	1	1	=WIRP5+COM5-K101	IN24V-	=WIRP5+COM5/2.1	
SUPPLY ABOUT CIRCUAR CONNECTOR	=WIRP1+PSD/3.7	+PSD-XWIR5	2	2	=WIRP5+COM5-K101	IN24V-	=WIRP5+COM5/2.1	
HAN R15	=WIRP1+PSD/3.8	+PSD-XWIR5	5	3	=WIRP5+COM5-K101	IN24V+	=WIRP5+COM5/2.1	
SUPPLY ABOUT CIRCUAR CONNECTOR	=WIRP1+PSD/3.8	+PSD-XWIR5	6	4	=WIRP5+COM5-K101	IN24V+	=WIRP5+COM5/2.1	
SUPPLY ABOUT CIRCUAR CONNECTOR	=WIRP1+PSD/3.8	+PSD-XWIR5	PE	PE				

Date	14.02.06	 	DP CANopen OPTIMIZED	+PSD-WXWIR5 TO FIELD FDB H5	Drawing number	= CABP			
User.	SEG		MP&A/AD&S		33003614	+			
Check.					Created by.	6	Pa.		
Change	Date	Name	Stand.	First.	Created for	Created by.	6	DCO	35 Bl.

Cable name		Cable type		No. of cores		Cross-section		Cable length		Remark	
+COM-W1				2/PE		1		-			
Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text			
	=WIRP1+COM/4.7	+COM-XSCAN1	1	1	+PLC2-XSCAN1	1	=WIRP2+PLC2/1.6	CANOPEN			
				2							



Date	14.02.06		DP CANopen OPTIMIZED	+COM-W1	Drawing number	= CABP				
User.	SEG				33003614	+				
Check.			MP&A/AD&S			Pa. 7				
Change	Date	Name	Stand.	First.	Created for	Created by.		7	DCO	35 Bl.

Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark			
+COM-WP01	ÖLFLEX CLASSIC 110-G	7/PE	1	-	STEADY LIGHT SIGNALING			
Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP1+COM/3.2	+COM-XP01	1	1	=WIRP1+VORORT-P01	1	=WIRP1+COM/3.1	STEADY LIGHT SIGNALING
HAND MODE WHITE LAMP	=WIRP1+COM/3.3	+COM-XP01	2	2	=WIRP1+VORORT-P01	2	=WIRP1+COM/3.1	STEADY LIGHT SIGNALING
PLANT ERROR RED SIGNAL LAMP	=WIRP1+COM/3.4	+COM-XP01	3	3	=WIRP1+VORORT-P01	3	=WIRP1+COM/3.1	STEADY LIGHT SIGNALING
SAFETY ERROR UN AKNOWLEDGE BLUE LAMP	=WIRP1+COM/3.5	+COM-XP01	4	4	=WIRP1+VORORT-P01	4	=WIRP1+COM/3.1	STEADY LIGHT SIGNALING
RESERVE	=WIRP1+COM/3.6	+COM-XP01	6	5	=WIRP1+VORORT-P01	5	=WIRP1+COM/3.1	STEADY LIGHT SIGNALING
OVDC	=WIRP1+COM/3.2	+COM-XP01	7	6	=WIRP1+VORORT-P01	C	=WIRP1+COM/3.1	STEADY LIGHT SIGNALING
PE	=WIRP1+COM/3.7	+COM-XP01	PE	PE	=WIRP1+VORORT-P01	6	=WIRP1+COM/3.1	STEADY LIGHT SIGNALING

Date	14.02.06	  		DP CANopen OPTIMIZED	+COM-WP01 STEADY LIGHT SIGNALING	Drawing number	= CABP
User.	SEG			MP&A/AD&S		33003614	+
Check.				Created by.		8	DCO
Change	Date	Name	Stand.	First.	Created for		35 Bl.


Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark
+COM-WS01	ÖLFLEX CLASSIC 110-G	10/PE	1	-	START, STOP, HAND

Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP1+COM/2.1	+COM-XS01	1	1	=WIRP1+VORORT-SP11	13	=WIRP1+COM/2.1	START
START	=WIRP1+COM/2.1	+COM-XS01	2	2	=WIRP1+VORORT-SP11	14	=WIRP1+COM/2.1	START
STOP	=WIRP1+COM/2.3	+COM-XS01	3	3	=WIRP1+VORORT-S12	14	=WIRP1+COM/2.3	STOP
MAN / AUTO	=WIRP1+COM/2.4	+COM-XS01	4	4	=WIRP1+VORORT-SP13	14	=WIRP1+COM/2.4	AUTOM
OPERATION	=WIRP1+COM/2.6	+COM-XS01	5	5	=WIRP1+VORORT-SP11	x1	=WIRP1+COM/2.6	OPERATION
MANUAL MODE	=WIRP1+COM/2.8	+COM-XS01	6	6	=WIRP1+VORORT-SP13	x1	=WIRP1+COM/2.8	MANUAL MODE
OPERATION	=WIRP1+COM/2.6	+COM-XS01	7	7	=WIRP1+VORORT-SP11	x2	=WIRP1+COM/2.6	OPERATION
				8				
				9				
MAN / AUTO	=WIRP1+COM/2.5	+COM-XS01	PE	PE	=WIRP1+VORORT-SP13	PE	=WIRP1+COM/2.4	AUTOM

Date	14.02.06	 	DP CANopen OPTIMIZED	+COM-WS01 START, STOP, HAND	Drawing number	= CABP			
User.	SEG				33003614	+			
Check.			MP&A/AD&S			Pa.	9		
Change	Date	Name	Stand.	First.	Created for	Created by.	9	DCO	35 Bl.

Cable name +MOV-WM03	Cable type UNITRONIC 100CY	No. of cores 4/PE+SH	Cross-section 1.5	Cable length -	Remark DRIVE
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
DRIVE 3'	=WIRP1+MOV/3.2	+MOV-XM03	PE	GNYE	=WIRP1+VORORT-M03	PE	=WIRP1+MOV/3.1	DRIVE 3'
HAN6	=WIRP1+MOV/3.1	+MOV-XM03	1	BK	=WIRP1+VORORT-M03	U	=WIRP1+MOV/3.1	DRIVE 3'
DRIVE 3'	=WIRP1+MOV/3.1	+MOV-XM03	2	BU	=WIRP1+VORORT-M03	V	=WIRP1+MOV/3.1	DRIVE 3'
DRIVE 3'	=WIRP1+MOV/3.1	+MOV-XM03	3	BN	=WIRP1+VORORT-M03	W	=WIRP1+MOV/3.1	DRIVE 3'
				SH				


Date	14.02.06		DP CANopen OPTIMIZED	+MOV-WM03 DRIVE	Drawing number 33003614	= CABP			
User.	SEG					+			
Check.			MP&A/AD&S			Pa. 12			
Change	Date	Name	Stand.	First.	Created for	Created by.	12	DCO	35 Bl.

Cable name +MOV-WM04	Cable type UNITRONIC 100CY	No. of cores 4/PE+SH	Cross-section 1.5	Cable length -	Remark DRIVE
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
DRIVE 4	=WIRP1+MOV/4.2	+MOV-XM04	PE	GNYE	=WIRP1+VORORT-M04	PE	=WIRP1+MOV/4.1	DRIVE 4
HAN6	=WIRP1+MOV/4.1	+MOV-XM04	1	BK	=WIRP1+VORORT-M04	U	=WIRP1+MOV/4.1	DRIVE 4
DRIVE 4	=WIRP1+MOV/4.1	+MOV-XM04	2	BU	=WIRP1+VORORT-M04	V	=WIRP1+MOV/4.1	DRIVE 4
DRIVE 4	=WIRP1+MOV/4.1	+MOV-XM04	3	BN	=WIRP1+VORORT-M04	W	=WIRP1+MOV/4.1	DRIVE 4
				SH				


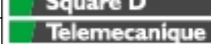


Date	14.02.06		DP CANopen OPTIMIZED MP&A/AD&S	+MOV-WM04 DRIVE	Drawing number 33003614	= CABP +
User.	SEG					
Check.						
Change	Date	Name	Stand.	First.	Created for	Created by.
					13	DCO
						Pa. 13 35 Bl.

Cable name		Cable type		No. of cores		Cross-section		Cable length		Remark
+SAF-WLC01		UNI		9+SH		1		-		RECEIVER
Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text		
LIGHT CURTAIN	=WIRP1+SAF/2.6	+SAF-X1K05	1	wh	+SAF-XLC	1	=WIRP1+SAF/2.6	LIGHT CURTAIN		
LIGHT CURTAIN	=WIRP1+SAF/2.7	+SAF-X1K05	2	bk	+SAF-XLC	2	=WIRP1+SAF/2.7	LIGHT CURTAIN		
LIGHT CURTAIN	=WIRP1+SAF/2.7	+SAF-X1K05	3	bu	+SAF-XLC	3	=WIRP1+SAF/2.7	LIGHT CURTAIN		
LIGHT CURTAIN	=WIRP1+SAF/2.6	+SAF-X1K05	4	tp	+SAF-XLC	10	=WIRP1+SAF/2.6	LIGHT CURTAIN		
LIGHT CURTAIN	=WIRP1+SAF/2.7	+SAF-X1K05	5	bn	+SAF-XLC	11	=WIRP1+SAF/2.7	LIGHT CURTAIN		
LIGHT CURTAIN	=WIRP1+SAF/2.7	+SAF-X1K05	6	sh	+SAF-XLC	12	=WIRP1+SAF/2.7	LIGHT CURTAIN		
LIGHT CURTAIN AUX	=WIRP1+SAF/2.7	+SAF-X1K05	7	gy	+SAF-XLC	4	=WIRP1+SAF/2.7	LIGHT CURTAIN AUX		
LIGHT CURTAIN	=WIRP1+SAF/2.6	+SAF-X1K05	PE	vt	+SAF-XLC	9	=WIRP1+SAF/2.6	LIGHT CURTAIN		
				sh						
				SH						

Date	14.02.06		DP CANopen OPTIMIZED		+SAF-WLC01 RECEIVER	Drawing number 33003614	= CABP		
User.	SEG		MP&A/AD&S				14	DCO	+
Check.			Created for						Pa.
Change	Date	Name	Stand.	First.	Created by.	14	DCO	35 Bl.	


Cable name +SAF-WLC02	Cable type UNI	No. of cores 6+SH	Cross-section 1	Cable length -	Remark TRANSMITTER
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
LIGHT CURTAIN AUX	=WIRP1+SAF/2.8	+SAF-X2K05	1	wh	+SAF-XLC	5	=WIRP1+SAF/2.8	LIGHT CURTAIN AUX
LIGHT CURTAIN AUX	=WIRP1+SAF/2.9	+SAF-X2K05	2	bk	+SAF-XLC	6	=WIRP1+SAF/2.9	LIGHT CURTAIN AUX
LIGHT CURTAIN AUX	=WIRP1+SAF/2.9	+SAF-X2K05	3	bu	+SAF-XLC	7	=WIRP1+SAF/2.9	LIGHT CURTAIN AUX
LIGHT CURTAIN AUX	=WIRP1+SAF/2.8	+SAF-X2K05	4	tp	+SAF-XLC	13	=WIRP1+SAF/2.8	LIGHT CURTAIN AUX
LIGHT CURTAIN AUX	=WIRP1+SAF/2.9	+SAF-X2K05	5	bn	+SAF-XLC	14	=WIRP1+SAF/2.9	LIGHT CURTAIN AUX
				sh				
				SH				

Change	Date	Name	Date	14.02.06	  		DP CANopen OPTIMIZED	+SAF-WLC02 TRANSMITTER	Drawing number	= CABP
			Stand.	First.			Created for		Created by.	33003614
								15	Pa.	15
								15	DCO	35 Bl.

Cable name +SAF-WS01	Cable type ÖLFLEX 100 H	No. of cores 5/PE	Cross-section 1	Cable length -	Remark EMERGENCY STOP
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
				GNYE				
HAN R15	=WIRP1+SAF/1.1	+SAF-XNA	1	BK	=WIRP1+SAF-S01	11	=WIRP1+SAF/1.1	EMERGENCY STOP
	=WIRP1+SAF/1.1	+SAF-XNA	2	BU	=WIRP1+SAF-S01	12	=WIRP1+SAF/1.1	EMERGENCY STOP
	=WIRP1+SAF/1.1	+SAF-XNA	3	BN	=WIRP1+SAF-S01	21	=WIRP1+SAF/1.1	EMERGENCY STOP
	=WIRP1+SAF/1.1	+SAF-XNA	4	BK	=WIRP1+SAF-S01	22	=WIRP1+SAF/1.1	EMERGENCY STOP

Date	14.02.06		DP CANopen OPTIMIZED	+SAF-WS01 EMERGENCY STOP	Drawing number	= CABP			
User.	SEG		MP&A/AD&S		33003614	+			
Check.			Created by.			Pa. 16			
Change	Date	Name	Stand.	First.	Created for	Created by.	16	DCO	35 Bl.

Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark			
+SAF-WS05	ÖLFLEX 100 H	3/PE	1	-	LIMIT SWITCH 1			
Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
				GNYE				
LIGHT CURTAIN DRIVES RELEASE	=WIRP1+SAF/3.4	+SAF-XS05	1	BN	=WIRP1+SAF-S05	21	=WIRP1+SAF/3.4	LIMIT SWITCH 2
LIGHT CURTAIN DRIVES RELEASE	=WIRP1+SAF/3.4	+SAF-XS05	2	BU	=WIRP1+SAF-S05	22	=WIRP1+SAF/3.4	LIMIT SWITCH 2

Cable name +COM2-WS01	Cable type ÖLFLEX CLASSIC 110-G	No. of cores 5/PE	Cross-section 1	Cable length -	Remark START, STOP, HAND
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP2+COM2/2.2	+COM2-XS01	1	1	=WIRP2+VORORT-S11	13	=WIRP2+COM2/2.2	LEFT
LEFT-BUTTON DRIVE 1	=WIRP2+COM2/2.2	+COM2-XS01	2	2	=WIRP2+VORORT-S11	14	=WIRP2+COM2/2.2	LEFT
STOP-BUTTON DRIVE 1	=WIRP2+COM2/2.3	+COM2-XS01	3	3	=WIRP2+VORORT-S12	14	=WIRP2+COM2/2.3	RED STOP
RIGHT-BUTTON DRIVE 1	=WIRP2+COM2/2.5	+COM2-XS01	4	4	=WIRP2+VORORT-S13	14	=WIRP2+COM2/2.5	GREEN RIGHT
RIGHT-BUTTON DRIVE 1	=WIRP2+COM2/2.5	+COM2-XS01	PE	PE	=WIRP2+VORORT-S13	PE	=WIRP2+COM2/2.5	GREEN RIGHT

Date	14.02.06		DP CANopen OPTIMIZED	+COM2-WS01 START, STOP, HAND	Drawing number	= CABP
User.	SEG		MP&A/AD&S		33003614	+
Change	Date		Name		Stand.	First.
					19	DCO
						Pa. 19
						35 Bl.

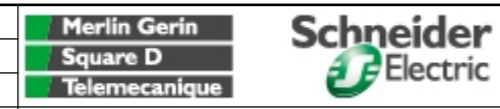
Cable name +COM3-WS01	Cable type ÖLFLEX CLASSIC 110-G	No. of cores 5/PE	Cross-section 1	Cable length -	Remark CONVEYER 2 LEFT, STOP, RIGHT
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP3+COM3/2.1	+COM3-XS01	1	1	=WIRP3+VORORT-S11	13	=WIRP3+COM3/2.1	LEFT
LEFT-BUTTON DRIVE 1	=WIRP3+COM3/2.1	+COM3-XS01	2	2	=WIRP3+VORORT-S11	14	=WIRP3+COM3/2.1	LEFT
STOP-BUTTON DRIVE 1	=WIRP3+COM3/2.3	+COM3-XS01	3	3	=WIRP3+VORORT-S12	14	=WIRP3+COM3/2.3	STOP
RIGHT-BUTTON DRIVE 1	=WIRP3+COM3/2.4	+COM3-XS01	4	4	=WIRP3+VORORT-S13	14	=WIRP3+COM3/2.4	RIGHT
RIGHT-BUTTON DRIVE 1	=WIRP3+COM3/2.5	+COM3-XS01	PE	PE	=WIRP3+VORORT-S13	PE	=WIRP3+COM3/2.5	RIGHT

Date	14.02.06		DP CANopen OPTIMIZED	+COM3-WS01 CONVEYER 2 LEFT, STOP, RIGHT	Drawing number 33003614	= CABP +	
User.	SEG		MP&A/AD&S			Pa. 20	
Check.			Created for				
Change	Date		Name	Stand.	First.	Created by.	DCO
						20	35 Bl.


Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark
+COM3-WS02	ÖLFLEX CLASSIC 110-G	5/PE	1	-	START, STOP, HAND

Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP3+COM3/4.1	+COM3-XS02	1	1	=WIRP3+VORORT-S21	13	=WIRP3+COM3/4.1	LEFT
LEFT-BUTTON DRIVE 2	=WIRP3+COM3/4.1	+COM3-XS02	2	2	=WIRP3+VORORT-S21	14	=WIRP3+COM3/4.1	LEFT
STOP-BUTTON DRIVE 2	=WIRP3+COM3/4.3	+COM3-XS02	3	3	=WIRP3+VORORT-S22	14	=WIRP3+COM3/4.3	STOP
RIGHT-BUTTON DRIVE 2	=WIRP3+COM3/4.5	+COM3-XS02	4	4	=WIRP3+VORORT-S23	14	=WIRP3+COM3/4.5	RIGHT
RIGHT-BUTTON DRIVE 2	=WIRP3+COM3/4.5	+COM3-XS02	PE	PE	=WIRP3+VORORT-S23	PE	=WIRP3+COM3/4.5	RIGHT

Date	14.02.06		DP CANopen OPTIMIZED	+COM3-WS02 START, STOP, HAND	Drawing number 33003614	= CABP +				
User.	SEG									
Check.										
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO	Pa.	21	35 Bl.

Cable name +COM4-WS01	Cable type ÖLFLEX CLASSIC 110-G	No. of cores 5/PE	Cross-section 1	Cable length -	Remark START, STOP, HAND
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
HAN R15	=WIRP4+COM4/2.1	+COM4-XS01	1	1	=WIRP4+VORORT-S11	13	=WIRP4+COM4/2.1	LEFT
LEFT-BUTTON DRIVE 1	=WIRP4+COM4/2.1	+COM4-XS01	2	2	=WIRP4+VORORT-S11	14	=WIRP4+COM4/2.1	LEFT
STOP-BUTTON DRIVE 1	=WIRP4+COM4/2.3	+COM4-XS01	3	3	=WIRP4+VORORT-S12	14	=WIRP4+COM4/2.3	STOP
RIGHT-BUTTON DRIVE 1	=WIRP4+COM4/2.4	+COM4-XS01	4	4	=WIRP4+VORORT-S13	14	=WIRP4+COM4/2.4	RIGHT
RIGHT-BUTTON DRIVE 1	=WIRP4+COM4/2.5	+COM4-XS01	PE	PE	=WIRP4+VORORT-S13	PE	=WIRP4+COM4/2.5	RIGHT

Date	14.02.06		DP CANopen OPTIMIZED	+COM4-WS01 START, STOP, HAND	Drawing number	= CABP		
User.	SEG				33003614	+		
Check.			MP&A/AD&S		22	Pa. 22		
Change	Date		Name		Stand.	First.	Created for	Created by.


Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark
+COM4-WS04	ÖLFLEX CLASSIC 110-G	5/PE	1	-	CONVEYER 2 LEFT, STOP, RIGHT

Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
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HAN R15	=WIRP4+COM4/4.1	+COM4-XS02	1	1	=WIRP4+VORORT-S21	13	=WIRP4+COM4/4.1	LEFT
LEFT-BUTTON DRIVE 2	=WIRP4+COM4/4.1	+COM4-XS02	2	2	=WIRP4+VORORT-S21	14	=WIRP4+COM4/4.1	LEFT
STOP-BUTTON DRIVE 2	=WIRP4+COM4/4.3	+COM4-XS02	3	3	=WIRP4+VORORT-S22	14	=WIRP4+COM4/4.3	STOP
RIGHT-BUTTON DRIVE 2	=WIRP4+COM4/4.4	+COM4-XS02	4	4	=WIRP4+VORORT-S23	14	=WIRP4+COM4/4.4	RIGHT
RIGHT-BUTTON DRIVE 2	=WIRP4+COM4/4.5	+COM4-XS02	PE	PE	=WIRP4+VORORT-S23	PE	=WIRP4+COM4/4.5	RIGHT

Date	14.02.06		DP CANopen OPTIMIZED	+COM4-WS04 CONVEYER 2 LEFT, STOP, RIGHT	Drawing number 33003614	= CABP +				
User.	SEG		MP&A/AD&S							
Check.										
Change	Date	Name	Stand.	First.	Created for	Created by.	23	DCO	Pa. 23	35 Bl.

Cable name		Cable type		No. of cores		Cross-section		Cable length		Remark	
+MOV4-WM01		ÖLFLEX CLASSIC 110-G		4/PE		1.5		-		DRIVE	
Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text			
HAN6	=WIRP4+MOV4/1.1	+MOV4-XM01	1	1	=WIRP4+VORORT-M01	U	=WIRP4+MOV4/1.1	DRIVE 1			
DRIVE 1	=WIRP4+MOV4/1.1	+MOV4-XM01	2	2	=WIRP4+VORORT-M01	V	=WIRP4+MOV4/1.1	DRIVE 1			
DRIVE 1	=WIRP4+MOV4/1.1	+MOV4-XM01	3	3	=WIRP4+VORORT-M01	W	=WIRP4+MOV4/1.1	DRIVE 1			
DRIVE 1	=WIRP4+MOV4/1.2	+MOV4-XM01	PE	PE	=WIRP4+VORORT-M01	PE	=WIRP4+MOV4/1.1	DRIVE 1			

Date	14.02.06		DP CANopen OPTIMIZED	+MOV4-WM01 DRIVE	Drawing number 33003614	= CABP +				
User.	SEG		MP&A/AD&S							
Check.										
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO	Pa.	24	35 Bl.

Cable name		Cable type		No. of cores		Cross-section		Cable length		Remark	
+MOV4-WM02		ÖLFLEX CLASSIC 110-G		4/PE		1.5		-		DRIVE	
Function text	Page/ path	Target designation from	Connection	Cond.	Target design.	to	Connection	Page/ path	Function text		
HAN6	=WIRP4+MOV4/2.1	+MOV4-XM02	1	1	=WIRP4+VORORT-M02		U	=WIRP4+MOV4/2.1	DRIVE 2		
DRIVE 2	=WIRP4+MOV4/2.1	+MOV4-XM02	2	2	=WIRP4+VORORT-M02		V	=WIRP4+MOV4/2.1	DRIVE 2		
DRIVE 2	=WIRP4+MOV4/2.1	+MOV4-XM02	3	3	=WIRP4+VORORT-M02		W	=WIRP4+MOV4/2.1	DRIVE 2		
DRIVE 2	=WIRP4+MOV4/2.2	+MOV4-XM02	PE	PE	=WIRP4+VORORT-M02		PE	=WIRP4+MOV4/2.1	DRIVE 2		

Date	14.02.06	  	DP CANopen OPTIMIZED	+MOV4-WM02 DRIVE	Drawing number	= CABP			
User.	SEG				33003614	+			
Check.			MP&A/AD&S			Pa.	25		
Change	Date	Name	Stand.	First.	Created for	Created by.	25	DCO	35 Bl.


Cable name +SAF4-WS03	Cable type ÖLFLEX 100 H	No. of cores 5/PE	Cross-section 1	Cable length -	Remark LIMIT SWITCH 1
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
	=WIRP4+SAF4/2.2	+SAF4-XS03	PE	GNYE	=WIRP4+VORORT-S03	PE	=WIRP4+SAF4/2.2	LIMIT SWITCH 1
	=WIRP4+SAF4/2.1	+SAF4-XS03	1	BK	=WIRP4+VORORT-S03	22	=WIRP4+SAF4/2.1	LIMIT SWITCH 1
	=WIRP4+SAF4/2.1	+SAF4-XS03	2	BU	=WIRP4+VORORT-S03	21	=WIRP4+SAF4/2.1	LIMIT SWITCH 1
	=WIRP4+SAF4/2.2	+SAF4-XS03	3	BN	=WIRP4+VORORT-S03	32	=WIRP4+SAF4/2.2	LIMIT SWITCH 1
	=WIRP4+SAF4/2.2	+SAF4-XS03	4	BK	=WIRP4+VORORT-S03	31	=WIRP4+SAF4/2.2	LIMIT SWITCH 1

Date	14.02.06		DP CANopen OPTIMIZED	+SAF4-WS03 LIMIT SWITCH 1	Drawing number	= CABP	
User.	SEG		MP&A/AD&S		33003614	+	
Check.			Created for	Created by.	26	DCO	Pa. 26
Change	Date	Name	Stand.	First.	Created for	Created by.	35 Bl.

Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark
+COM5-WB01	ÖLFLEX CLASSIC 110	3	0.75	-	LIGHT BARRIER

Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
24V+	=WIRP5+COM5/8.1	+COM5-K101	01	1	=WIRP5+COM5-B01	1	=WIRP5+COM5/8.3	LIGHT BARRIER
0V	=WIRP5+COM5/8.2	+COM5-K101	03	2	=WIRP5+COM5-B01	3	=WIRP5+COM5/8.3	LIGHT BARRIER
LIGHT BARRIER CONVEYER 1	=WIRP5+COM5/8.3	+COM5-K101	04	3	=WIRP5+COM5-B01	4	=WIRP5+COM5/8.3	LIGHT BARRIER

		Date	14.02.06		DP CANopen OPTIMIZED	+COM5-WB01 LIGHT BARRIER	Drawing number	= CABP		
		User.	SEG		MP&A/AD&S			+		
Change	Date	Name	Stand.		First.		Created for	Created by.	33003614	Pa. 27
								27	DCO	35 Bl.

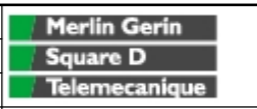
Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark			
+COM5-WB02	ÖLFLEX CLASSIC 110	3	0.75	-	LIGHT BARRIER			
Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
24V+	=WIRP5+COM5/8.5	+COM5-K101	11	1	=WIRP5+COM5-B02	1	=WIRP5+COM5/8.7	LIGHT BARRIER
0V	=WIRP5+COM5/8.7	+COM5-K101	13	2	=WIRP5+COM5-B02	3	=WIRP5+COM5/8.7	LIGHT BARRIER
LIGHT BARRIER CONVEYER 2	=WIRP5+COM5/8.7	+COM5-K101	14	3	=WIRP5+COM5-B02	4	=WIRP5+COM5/8.7	LIGHT BARRIER

Date 14.02.06

User. SEG

Check.

Stand.



DP CANopen OPTIMIZED

MP&A/AD&S

Created for

Created by.

+COM5-WB02

LIGHT BARRIER

Drawing number

33003614

28

= CABP

+



DCO

Pa. 28




35 Bl.

Change Date Name

Cable name	Cable type			No. of cores	Cross-section	Cable length	Remark		
	Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
+COM5-WB03	ÖLFLEX CLASSIC 110			3	0.75	-	LIGHT BARRIER		
24V+	=WIRP5+COM5/9.1	+COM5-K101	21	1	=WIRP5+COM5-B03	1	=WIRP5+COM5/9.3	LIGHT BARRIER	
0V	=WIRP5+COM5/9.2	+COM5-K101	23	2	=WIRP5+COM5-B03	3	=WIRP5+COM5/9.3	LIGHT BARRIER	
LIGHT BARRIER CONVEYER 3	=WIRP5+COM5/9.3	+COM5-K101	24	3	=WIRP5+COM5-B03	4	=WIRP5+COM5/9.3	LIGHT BARRIER	

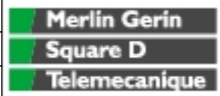

Date	14.02.06	 	DP CANopen OPTIMIZED	+COM5-WB03	Drawing number	= CABP		
User.	SEG						+	
Check.						MP&A/AD&S	33003614	Pa. 29
Change	Date	Name	Stand.	First.	Created for	Created by.	DCO	35 Bl.

Cable name		Cable type			No. of cores		Cross-section		Cable length		Remark						
+COM5-WB04		ÖLFLEX CLASSIC 110			3		0.75		-		INITIATOR						
Function text		Page/ path		Target designation from		Connection		Cond.		Target design. to		Connection		Page/ path		Function text	
24V+		=WIRP5+COM5/12.1		+COM5-K102		01		1		=WIRP5+COM5-B04		1		=WIRP5+COM5/12.3		INITIATOR	
0V		=WIRP5+COM5/12.2		+COM5-K102		03		2		=WIRP5+COM5-B04		3		=WIRP5+COM5/12.3		INITIATOR	
INITIATOR POS. 1		=WIRP5+COM5/12.3		+COM5-K102		04		3		=WIRP5+COM5-B04		4		=WIRP5+COM5/12.3		INITIATOR	

Date	14.02.06	  	DP CANopen OPTIMIZED	+COM5-WB04 INITIATOR	Drawing number	= CABP				
User.	SEG		MP&A/AD&S		33003614	+				
Check.			Created by.		30	DCO	Pa. 30			
Change	Date	Name	Stand.	First.	Created for	Created by.	30	DCO	Pa. 30	35 Bl.

Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark
+COM5-WB05	ÖLFLEX CLASSIC 110	3	0.75	-	INITIATOR

Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
24V+	=WIRP5+COM5/12.5	+COM5-K102	11	1	=WIRP5+COM5-B05	1	=WIRP5+COM5/12.7	INITIATOR
0V	=WIRP5+COM5/12.7	+COM5-K102	13	2	=WIRP5+COM5-B05	3	=WIRP5+COM5/12.7	INITIATOR
INITIATOR POS. 1.2	=WIRP5+COM5/12.7	+COM5-K102	14	3	=WIRP5+COM5-B05	4	=WIRP5+COM5/12.7	INITIATOR

Date	14.02.06	 	DP CANopen OPTIMIZED	+COM5-WB05 INITIATOR	Drawing number 33003614	= CABP +				
User.	SEG		MP&A/AD&S							
Check.			Created by.							
Change	Date	Name	Stand.	First.	Created for	31	DCO	Pa.	31	35 Bl.

Cable name +COM5-WB06	Cable type ÖLFLEX CLASSIC 110	No. of cores 3	Cross-section 0.75	Cable length -	Remark INITIATOR
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
24V+	=WIRP5+COM5/13.1	+COM5-K102	21	1	=WIRP5+COM5-B06	1	=WIRP5+COM5/13.3	INITIATOR
0V	=WIRP5+COM5/13.2	+COM5-K102	23	2	=WIRP5+COM5-B06	3	=WIRP5+COM5/13.3	INITIATOR
INITIATOR POS. 2	=WIRP5+COM5/13.3	+COM5-K102	24	3	=WIRP5+COM5-B06	4	=WIRP5+COM5/13.3	INITIATOR

Date	14.02.06		DP CANopen OPTIMIZED	+COM5-WB06 INITIATOR	Drawing number 33003614	= CABP +			
User.	SEG		MP&A/AD&S						
Check.									
Change	Date	Name	Stand.	First.	Created for	Created by.	32	DCO	Pa. 32 35 Bl.

Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark
+COM5-WB07	ÖLFLEX CLASSIC 110	3	0.75	-	INITIATOR

Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
24V+	=WIRP5+COM5/13.5	+COM5-K102	31	1	=WIRP5+COM5-B07	1	=WIRP5+COM5/13.7	INITIATOR
0V	=WIRP5+COM5/13.7	+COM5-K102	33	2	=WIRP5+COM5-B07	3	=WIRP5+COM5/13.7	INITIATOR
INITIATOR POS. 2.2	=WIRP5+COM5/13.7	+COM5-K102	34	3	=WIRP5+COM5-B07	4	=WIRP5+COM5/13.7	INITIATOR

Cable name	Cable type	No. of cores	Cross-section	Cable length	Remark
+COM5-WB08	ÖLFLEX CLASSIC 110	3	0.75	-	LIGHT BARRIER

Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
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0V	=WIRP5+COM5/16.2	+COM5-K103	03	1	=WIRP5+COM5-B08	3	=WIRP5+COM5/16.3	LIGHT BARRIER
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LIGHT BARRIER CONVEYER TURNTABLE	=WIRP5+COM5/16.3	+COM5-K103	04	2	=WIRP5+COM5-B08	4	=WIRP5+COM5/16.3	LIGHT BARRIER
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24V+	=WIRP5+COM5/16.1	+COM5-K103	01	3	=WIRP5+COM5-B08	1	=WIRP5+COM5/16.3	LIGHT BARRIER
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Change	Date	Name	Stand.	First.	Created for	Created by.	DP CANopen OPTIMIZED	+COM5-WB08 LIGHT BARRIER	Drawing number 33003614	= CABP	Pa. 34
									34	DCO	35 Bl.



Cable name +COM5-WB09	Cable type ÖLFLEX CLASSIC 110	No. of cores 3	Cross-section 0.75	Cable length -	Remark LIGHT BARRIER
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Function text	Page/ path	Target designation from	Connection	Cond.	Target design. to	Connection	Page/ path	Function text
24V+	=WIRP5+COM5/20.1	+COM5-K104	01	1	=WIRP5+COM5-B09	1	=WIRP5+COM5/20.3	LIGHT BARRIER
0V	=WIRP5+COM5/20.2	+COM5-K104	03	2	=WIRP5+COM5-B09	3	=WIRP5+COM5/20.3	LIGHT BARRIER
LIGHT BARRIER CONVEYER FROM/ON	=WIRP5+COM5/20.3	+COM5-K104	04	3	=WIRP5+COM5-B09	4	=WIRP5+COM5/20.3	LIGHT BARRIER

Change	Date	Name	Stand.	First.	Created for	Created by.		DP CANopen OPTIMIZED +COM5-WB09 LIGHT BARRIER	Drawing number 33003614 35	= CABP	Pa. 35
										+	

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+COM-X03	13	90	TERMINAL	AB1RR235U2GR	Schneider Electric	AB1RR235U2GR
+COM-X03	1	8	TERMINAL 4,0MM² YELLOW/GREEN	AB1RRTP235U2	Schneider Electric	AB1RRTP235U2
+COM-X03	1	1	TERMINAL 2,5MM² YELLOW/GREEN	AB1TP435U	Schneider Electric	AB1TP435U
+COM-XP01	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+COM-XP01	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+COM-XP01	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+COM-XP01	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+COM-XP01	1	22	RACK	09150000401	HARTING	09150000401
+COM-XP01	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+COM-XP01	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+COM-XS01	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+COM-XS01	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+COM-XS01	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+COM-XS01	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+COM-XS01	1	22	RACK	09150000401	HARTING	09150000401
+COM-XS01	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+COM-XS01	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+COM-XSCAN1	1	5	M12 SOCKET FOR CANOPEN	SACCEC-M12FS-5CON-M16/5	PHOENIX	1525704
+COM2-X03	4	90	TERMINAL	AB1RR235U2GR	Schneider Electric	AB1RR235U2GR
+COM2-X03	1	8	TERMINAL 4,0MM² YELLOW/GREEN	AB1RRTP235U2	Schneider Electric	AB1RRTP235U2

=CABP/35



Date	14.02.06	 	DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		1	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+COM2-XS01	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+COM2-XS01	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+COM2-XS01	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+COM2-XS01	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+COM2-XS01	1	22	RACK	09150000401	HARTING	09150000401
+COM2-XS01	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+COM2-XS01	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+COM3-X03	8	90	TERMINAL	AB1RR235U2GR	Schneider Electric	AB1RR235U2GR
+COM3-X03	2	8	TERMINAL 4,0MM² YELLOW/GREEN	AB1RRTP235U2	Schneider Electric	AB1RRTP235U2
+COM3-XS01	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+COM3-XS01	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+COM3-XS01	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+COM3-XS01	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+COM3-XS01	1	22	RACK	09150000401	HARTING	09150000401
+COM3-XS01	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+COM3-XS01	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+COM3-XS02	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+COM3-XS02	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+COM3-XS02	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+COM3-XS02	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202


1

3

Date	14.02.06	 	DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		2	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+COM3-XS02	1	22	RACK	09150000401	HARTING	09150000401
+COM3-XS02	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+COM3-XS02	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+COM4-X03	8	90	TERMINAL	AB1RR235U2GR	Schneider Electric	AB1RR235U2GR
+COM4-X03	2	8	TERMINAL 4,0MM² YELLOW/GREEN	AB1RRTP235U2	Schneider Electric	AB1RRTP235U2
+COM4-XS01	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+COM4-XS01	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+COM4-XS01	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+COM4-XS01	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+COM4-XS01	1	22	RACK	09150000401	HARTING	09150000401
+COM4-XS01	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+COM4-XS01	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+COM4-XS02	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+COM4-XS02	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+COM4-XS02	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+COM4-XS02	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+COM4-XS02	1	22	RACK	09150000401	HARTING	09150000401
+COM4-XS02	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+COM4-XS02	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+MOV-XM01	1	9	BULKHEAD MOUNTED HOUSING	09300060302	HARTING	09300060302



2		4							
Date	14.02.06		DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART			
User.	PVH		MP&A/AD&S		33003614	+			
Check.			Created by.		3	Pa.	3		
Change	Date	Name	Stand.	First.	Created for	Created by.	3	DCO	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+MOV-XM01	1	9	HOUSING TOP 6 PIN/16A	09300061440	HARTING	09300061440
+MOV-XM01	6	48	CRIMP CONTACTS MALE	09330006104	HARTING	09330006104
+MOV-XM01	6	48	CRIMP CONTACTS FEMALE	09330006204	HARTING	09330006204
+MOV-XM01	1	9	PIN INSERT 6 PIN/16A	09330062602	HARTING	09330062602
+MOV-XM01	1	9	BUSH INSERT 6 PIN/16A	09330062702	HARTING	09330062702
+MOV-XM01	1	4	BRASS-ADAPTOR PG 21-M20X1,5	52104497	LAPP KABEL	52104497
+MOV-XM01	1	8	METAL-SCREW JOINT/ EARTH	52106960	LAPP KABEL	52106960
+MOV-XM02	1	9	BULKHEAD MOUNTED HOUSING	09300060302	HARTING	09300060302
+MOV-XM02	1	9	HOUSING TOP 6 PIN/16A	09300061440	HARTING	09300061440
+MOV-XM02	6	48	CRIMP CONTACTS MALE	09330006104	HARTING	09330006104
+MOV-XM02	6	48	CRIMP CONTACTS FEMALE	09330006204	HARTING	09330006204
+MOV-XM02	1	9	PIN INSERT 6 PIN/16A	09330062602	HARTING	09330062602
+MOV-XM02	1	9	BUSH INSERT 6 PIN/16A	09330062702	HARTING	09330062702
+MOV-XM02	1	4	BRASS-ADAPTOR PG 21-M20X1,5	52104497	LAPP KABEL	52104497
+MOV-XM02	1	8	METAL-SCREW JOINT/ EARTH	52106960	LAPP KABEL	52106960
+MOV-XM03	1	9	BULKHEAD MOUNTED HOUSING	09300060302	HARTING	09300060302
+MOV-XM03	1	9	HOUSING TOP 6 PIN/16A	09300061440	HARTING	09300061440
+MOV-XM03	6	48	CRIMP CONTACTS MALE	09330006104	HARTING	09330006104
+MOV-XM03	6	48	CRIMP CONTACTS FEMALE	09330006204	HARTING	09330006204
+MOV-XM03	1	9	PIN INSERT 6 PIN/16A	09330062602	HARTING	09330062602

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Date	14.02.06	 	DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		4	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+MOV-XM03	1	9	BUSH INSERT 6 PIN/16A	09330062702	HARTING	09330062702
+MOV-XM03	1	4	BRASS-ADAPTOR PG 21-M20X1,5	52104497	LAPP KABEL	52104497
+MOV-XM03	1	8	METAL-SCREW JOINT/ EARTH	52106960	LAPP KABEL	52106960
+MOV-XM04	1	9	BULKHEAD MOUNTED HOUSING	09300060302	HARTING	09300060302
+MOV-XM04	1	9	HOUSING TOP 6 PIN/16A	09300061440	HARTING	09300061440
+MOV-XM04	6	48	CRIMP CONTACTS MALE	09330006104	HARTING	09330006104
+MOV-XM04	6	48	CRIMP CONTACTS FEMALE	09330006204	HARTING	09330006204
+MOV-XM04	1	9	PIN INSERT 6 PIN/16A	09330062602	HARTING	09330062602
+MOV-XM04	1	9	BUSH INSERT 6 PIN/16A	09330062702	HARTING	09330062702
+MOV-XM04	1	4	BRASS-ADAPTOR PG 21-M20X1,5	52104497	LAPP KABEL	52104497
+MOV-XM04	1	8	METAL-SCREW JOINT/ EARTH	52106960	LAPP KABEL	52106960
+MOV4-XM01	1	9	BULKHEAD MOUNTED HOUSING	09300060302	HARTING	09300060302
+MOV4-XM01	1	9	HOUSING TOP 6 PIN/16A	09300061440	HARTING	09300061440
+MOV4-XM01	6	48	CRIMP CONTACTS MALE	09330006104	HARTING	09330006104
+MOV4-XM01	6	48	CRIMP CONTACTS FEMALE	09330006204	HARTING	09330006204
+MOV4-XM01	1	9	PIN INSERT 6 PIN/16A	09330062602	HARTING	09330062602
+MOV4-XM01	1	9	BUSH INSERT 6 PIN/16A	09330062702	HARTING	09330062702
+MOV4-XM01	1	5	CUT OUT SEAL	09000005030	HARTING	09000005030
+MOV4-XM01	1	5	Special cable gland, cord grip,	09000005168	HARTING	09000005168
+MOV4-XM02	1	9	BULKHEAD MOUNTED HOUSING	09300060302	HARTING	09300060302



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Date	14.02.06		DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		5	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+MOV4-XM02	1	9	HOUSING TOP 6 PIN/16A	09300061440	HARTING	09300061440
+MOV4-XM02	6	48	CRIMP CONTACTS MALE	09330006104	HARTING	09330006104
+MOV4-XM02	6	48	CRIMP CONTACTS FEMALE	09330006204	HARTING	09330006204
+MOV4-XM02	1	9	PIN INSERT 6 PIN/16A	09330062602	HARTING	09330062602
+MOV4-XM02	1	9	BUSH INSERT 6 PIN/16A	09330062702	HARTING	09330062702
+MOV4-XM02	1	5	CUT OUT SEAL	09000005030	HARTING	09000005030
+MOV4-XM02	1	5	Special cable gland, cord grip,	09000005168	HARTING	09000005168
+PLC2-XSCAN1	1	2	M12 PIN FOR CANOPEN	SACCEC-M12MS-5CON-M16/5	PHOENIX	1525652
+PLC2-XSCAN2	1	5	M12 SOCKET FOR CANOPEN	SACCEC-M12FS-5CON-M16/5	PHOENIX	1525704
+PLC3-XSCAN1	1	2	M12 PIN FOR CANOPEN	SACCEC-M12MS-5CON-M16/5	PHOENIX	1525652
+PLC3-XSCAN2	1	5	M12 SOCKET FOR CANOPEN	SACCEC-M12FS-5CON-M16/5	PHOENIX	1525704
+PLC4-XSCAN1	1	5	M12 SOCKET FOR CANOPEN	SACCEC-M12FS-5CON-M16/5	PHOENIX	1525704
+PLC4-XSCAN2	1	5	M12 SOCKET FOR CANOPEN	SACCEC-M12FS-5CON-M16/5	PHOENIX	1525704
+PSD-X01	1	9	BULKHEAD MOUNTED HOUSING	09300060302	HARTING	09300060302
+PSD-X01	1	9	HOUSING TOP 6 PIN/16A	09300061440	HARTING	09300061440
+PSD-X01	6	6	CRIMP CONTACTS MALE	09330006102	HARTING	09330006102
+PSD-X01	6	6	CRIMP CONTACTS FEMALE	09330006202	HARTING	09330006202
+PSD-X01	1	9	PIN INSERT 6 PIN/16A	09330062602	HARTING	09330062602
+PSD-X01	1	9	BUSH INSERT 6 PIN/16A	09330062702	HARTING	09330062702
+PSD-X01	1	5	CUT OUT SEAL	09000005030	HARTING	09000005030


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Date	14.02.06	 	DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		6	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS



Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+PSD-X01	1	5	Special cable gland, cord grip,	09000005168	HARTING	09000005168
+PSD-X02	23	90	TERMINAL	AB1RR235U2GR	Schneider Electric	AB1RR235U2GR
+PSD-XWIR1	1	9	BULKHEAD MOUNTED HOUSING	09300060302	HARTING	09300060302
+PSD-XWIR1	1	9	HOUSING TOP 6 PIN/16A	09300061440	HARTING	09300061440
+PSD-XWIR1	6	48	CRIMP CONTACTS MALE	09330006104	HARTING	09330006104
+PSD-XWIR1	6	48	CRIMP CONTACTS FEMALE	09330006204	HARTING	09330006204
+PSD-XWIR1	1	9	PIN INSERT 6 PIN/16A	09330062602	HARTING	09330062602
+PSD-XWIR1	1	9	BUSH INSERT 6 PIN/16A	09330062702	HARTING	09330062702
+PSD-XWIR1	1	5	CUT OUT SEAL	09000005030	HARTING	09000005030
+PSD-XWIR1	1	5	Special cable gland, cord grip,	09000005168	HARTING	09000005168
+PSD-XWIR2	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+PSD-XWIR2	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+PSD-XWIR2	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+PSD-XWIR2	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+PSD-XWIR2	1	22	RACK	09150000401	HARTING	09150000401
+PSD-XWIR2	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+PSD-XWIR2	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+PSD-XWIR3	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+PSD-XWIR3	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+PSD-XWIR3	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102

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Date	14.02.06		DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		7	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+PSD-XWIR3	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+PSD-XWIR3	1	22	RACK	09150000401	HARTING	09150000401
+PSD-XWIR3	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+PSD-XWIR3	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+PSD-XWIR4	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+PSD-XWIR4	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+PSD-XWIR4	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+PSD-XWIR4	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+PSD-XWIR4	1	22	RACK	09150000401	HARTING	09150000401
+PSD-XWIR4	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+PSD-XWIR4	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+PSD-XWIR5	2	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+PSD-XWIR5	2	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+PSD-XWIR5	16	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+PSD-XWIR5	16	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+PSD-XWIR5	2	22	RACK	09150000401	HARTING	09150000401
+PSD-XWIR5	2	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+PSD-XWIR5	2	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+PSD2-XWIR2	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+PSD2-XWIR2	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101



7		Date 14.02.06		 		DP CANopen OPTIMIZED		LIST OF PARTS		Drawing number 33003614		= PART	
		User. PVH				MP&A/AD&S				8		+ Pa. 8	
Change		Date		Name		Stand.		First.		Created for		Created by.	
										DCO		23 Bl.	

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+PSD2-XWIR2	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+PSD2-XWIR2	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+PSD2-XWIR2	1	22	RACK	09150000401	HARTING	09150000401
+PSD2-XWIR2	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+PSD2-XWIR2	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+PSD3-XWIR3	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+PSD3-XWIR3	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+PSD3-XWIR3	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+PSD3-XWIR3	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+PSD3-XWIR3	1	22	RACK	09150000401	HARTING	09150000401
+PSD3-XWIR3	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+PSD3-XWIR3	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+PSD4-X01W4	1	9	BULKHEAD MOUNTED HOUSING	09300060302	HARTING	09300060302
+PSD4-X01W4	1	9	HOUSING TOP 6 PIN/16A	09300061440	HARTING	09300061440
+PSD4-X01W4	6	48	CRIMP CONTACTS MALE	09330006104	HARTING	09330006104
+PSD4-X01W4	6	48	CRIMP CONTACTS FEMALE	09330006204	HARTING	09330006204
+PSD4-X01W4	1	9	PIN INSERT 6 PIN/16A	09330062602	HARTING	09330062602
+PSD4-X01W4	1	9	BUSH INSERT 6 PIN/16A	09330062702	HARTING	09330062702
+PSD4-X01W4	1	5	CUT OUT SEAL	09000005030	HARTING	09000005030
+PSD4-X01W4	1	5	Special cable gland, cord grip,	09000005168	HARTING	09000005168

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Date	14.02.06	 	DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		9	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+PSD4-XWIR4	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+PSD4-XWIR4	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+PSD4-XWIR4	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+PSD4-XWIR4	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+PSD4-XWIR4	1	22	RACK	09150000401	HARTING	09150000401
+PSD4-XWIR4	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+PSD4-XWIR4	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+PSD4-XWIRP4	3	90	TERMINAL	AB1RR235U2GR	Schneider Electric	AB1RR235U2GR
+SAF-X1K05	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+SAF-X1K05	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+SAF-X1K05	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+SAF-X1K05	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+SAF-X1K05	1	22	RACK	09150000401	HARTING	09150000401
+SAF-X1K05	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+SAF-X1K05	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+SAF-X2K05	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+SAF-X2K05	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+SAF-X2K05	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+SAF-X2K05	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+SAF-X2K05	1	22	RACK	09150000401	HARTING	09150000401

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Date	14.02.06	 	DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		10	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+SAF-X2K05	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+SAF-X2K05	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+SAF-XLC	2	8	TERMINAL 4,0MM² YELLOW/GREEN	AB1RRTP235U2	Schneider Electric	AB1RRTP235U2
+SAF-XLC	13	90	TERMINAL	AB1RR235U2GR	Schneider Electric	AB1RR235U2GR
+SAF-XNA	8	90	TERMINAL	AB1RR235U2GR	Schneider Electric	AB1RR235U2GR
+SAF-XS04	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+SAF-XS04	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+SAF-XS04	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+SAF-XS04	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+SAF-XS04	1	22	RACK	09150000401	HARTING	09150000401
+SAF-XS04	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+SAF-XS04	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+SAF-XS05	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+SAF-XS05	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+SAF-XS05	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+SAF-XS05	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+SAF-XS05	1	22	RACK	09150000401	HARTING	09150000401
+SAF-XS05	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+SAF-XS05	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+SAF-XSNA1	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001

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Date	14.02.06		DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		11	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+SAF-XSNA1	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+SAF-XSNA1	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+SAF-XSNA1	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+SAF-XSNA1	1	22	RACK	09150000401	HARTING	09150000401
+SAF-XSNA1	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+SAF-XSNA1	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+SAF4-XNA	10	90	TERMINAL	AB1RR235U2GR	Schneider Electric	AB1RR235U2GR
+SAF4-XS03	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+SAF4-XS03	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+SAF4-XS03	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+SAF4-XS03	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+SAF4-XS03	1	22	RACK	09150000401	HARTING	09150000401
+SAF4-XS03	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101
+SAF4-XS03	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
+SAF4-XSNA1	1	22	PIN INSERT (M)	09150073001	HARTING	09150073001
+SAF4-XSNA1	1	22	BUSH INSERT (F)	09150073101	HARTING	09150073101
+SAF4-XSNA1	8	176	FEMALE CONTACTS 10A	09150006102	HARTING	09150006102
+SAF4-XSNA1	8	176	MALE CONTACTS 10A	09150006202	HARTING	09150006202
+SAF4-XSNA1	1	22	RACK	09150000401	HARTING	09150000401
+SAF4-XSNA1	1	22	SCREW-IN HOUSING	09150000101	HARTING	09150000101

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Date	14.02.06		DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH		MP&A/AD&S		33003614	+
Check.			Created for		12	DCO
Change	Date	Name	Stand.	First.	Created by.	23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
+SAF4-XSNA1	1	22	COVER SCREW MOUNTING	09150005401	HARTING	09150005401
=LAYP+LAY-H1	1	1	SWITCH CABINET AND MOUNTING PLATE	ENN83354	Sarel GmbH	ENN83354
=LAYP+LAY-H1	1	4	WIRING DIAGRAM POCKET	ENN21322	Sarel GmbH	ENN21322
=LAYP+LAY-H2	1	2	SWITCH CABINET AND MOUNTING PLATE	ENN83303	Sarel GmbH	ENN83303
=LAYP+LAY-H2	1	4	WIRING DIAGRAM POCKET	ENN21322	Sarel GmbH	ENN21322
=LAYP+LAY-H3	1	2	SWITCH CABINET AND MOUNTING PLATE	ENN83303	Sarel GmbH	ENN83303
=LAYP+LAY-H3	1	4	WIRING DIAGRAM POCKET	ENN21322	Sarel GmbH	ENN21322
=LAYP+LAY-H4	1	1	SWITCH CABINET AND MOUNTING PLATE	ENN83329	Sarel GmbH	ENN83329
=LAYP+LAY-H4	1	4	WIRING DIAGRAM POCKET	ENN21322	Sarel GmbH	ENN21322
=WIRP1+COM-S02	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP1+COM-S02	1	4	AUXILIARY CONTACT 1NO/NC	ZB5AZ105	Schneider Electric	ZB5AZ105
=WIRP1+COM-S02	1	2	TAG HOLDER 30X50MM	ZBZ33	Schneider Electric	ZBZ33
=WIRP1+COM-SP01	1	2	ILLUMINATED PUSHBUTTON 1NC/1NO, GREEN	XB5AW33B5	Schneider Electric	XB5AW33B5
=WIRP1+COM-SP03	1	2	ILLUMINATED PUSHBUTTON 1NC/1NO, YELLOW	XB5AW35B5	Schneider Electric	XB5AW35B5
=WIRP1+COM-XCA1	1	2	VW3CANTAP2	VW3CANTAP2	Schneider Electric	VW3CANTAP2
=WIRP1+COM-XCA2	1	2	VW3CANTAP2	VW3CANTAP2	Schneider Electric	VW3CANTAP2
=WIRP1+HMI-P01	1	1	MAGELIS CONTROL TERMINAL	XBTG1100	Schneider Electric	XBTG1100
=WIRP1+HMI-P01	1	1	COMMUNICATIONS CABLE	XBTZ968	Schneider Electric	XBTZ968
=WIRP1+MOV-Q01	1	4	MAGNETIC CIRCUIT-BREAKER 2, 5A	GV2L07	Schneider Electric	GV2L07
=WIRP1+MOV-Q01	1	4	AUXILIARY CONTACT 1NC+1NO	GVAE11	Schneider Electric	GVAE11

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Date	14.02.06	  		DP CANopen OPTIMIZED	LIST OF PARTS	Drawing number	= PART
User.	PVH			MP&A/AD&S		33003614	+
Check.				Created by.		13	DCO
Change	Date	Name	Stand.	First.	Created for		23 Bl.

LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP1+MOV-Q02	1	4	MAGNETIC CIRCUIT-BREAKER 2,5A	GV2L07	Schneider Electric	GV2L07
=WIRP1+MOV-Q02	1	4	AUXILIARY CONTACT 1NC+1NO	GVAE11	Schneider Electric	GVAE11
=WIRP1+MOV-Q03	1	4	MAGNETIC CIRCUIT-BREAKER 2,5A	GV2L07	Schneider Electric	GV2L07
=WIRP1+MOV-Q03	1	4	AUXILIARY CONTACT 1NC+1NO	GVAE11	Schneider Electric	GVAE11
=WIRP1+MOV-Q04	1	4	MAGNETIC CIRCUIT-BREAKER 2,5A	GV2L07	Schneider Electric	GV2L07
=WIRP1+MOV-Q04	1	4	AUXILIARY CONTACT 1NC+1NO	GVAE11	Schneider Electric	GVAE11
=WIRP1+MOV-T01	1	4	VARIABLE SPEED DRIVES 0,37KW	ATV31H037N4	Schneider Electric	ATV31H037N4
=WIRP1+MOV-T01	1	4	MOUNTING PLATE ATV31	VW3A31852	Schneider Electric	VW3A31852
=WIRP1+MOV-T01	1	4	CANOPEN CONNECTING CABLE RJ45	VW3CANCARR1	Schneider Electric	VW3CANCARR1
=WIRP1+MOV-T02	1	4	VARIABLE SPEED DRIVES 0,37KW	ATV31H037N4	Schneider Electric	ATV31H037N4
=WIRP1+MOV-T02	1	4	MOUNTING PLATE ATV31	VW3A31852	Schneider Electric	VW3A31852
=WIRP1+MOV-T02	1	4	CANOPEN CONNECTING CABLE RJ45	VW3CANCARR1	Schneider Electric	VW3CANCARR1
=WIRP1+MOV-T03	1	4	VARIABLE SPEED DRIVES 0,37KW	ATV31H037N4	Schneider Electric	ATV31H037N4
=WIRP1+MOV-T03	1	4	MOUNTING PLATE ATV31	VW3A31852	Schneider Electric	VW3A31852
=WIRP1+MOV-T03	1	4	CANOPEN CONNECTING CABLE RJ45	VW3CANCARR1	Schneider Electric	VW3CANCARR1
=WIRP1+MOV-T04	1	4	VARIABLE SPEED DRIVES 0,37KW	ATV31H037N4	Schneider Electric	ATV31H037N4
=WIRP1+MOV-T04	1	4	MOUNTING PLATE ATV31	VW3A31852	Schneider Electric	VW3A31852
=WIRP1+MOV-T04	1	4	CANOPEN CONNECTING CABLE RJ45	VW3CANCARR1	Schneider Electric	VW3CANCARR1
=WIRP1+PLC-K01	1	1	Twido plc modular-device m. 20e/a	TWDLMDA20DRT	Schneider Electric	TWDLMDA20DRT
=WIRP1+PLC-K01	1	2	Twido interface module 24v	TWDDDI8DT	Schneider Electric	TWDDDI8DT

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LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP1+PLC-K02	1	1	Twido sps interface	TWNC01M	Schneider Electric	TWNC01M
=WIRP1+PLC-K03	1	2	Twido interface module 24v	TWDDDI8DT	Schneider Electric	TWDDDI8DT
=WIRP1+PSD-B01	1	2	THERMOSTAT 1NC 0-60°C	ENN17562	Sarel GmbH	ENN17562
=WIRP1+PSD-E01	1	2	FAN WITH FILTER 230V, 0,12A	ENN17901	Sarel GmbH	ENN17901
=WIRP1+PSD-E01	1	2	AIR FILTER	ENN17911	Sarel GmbH	ENN17911
=WIRP1+PSD-F01	1	2	Circuit breaker c60n 2p 2a c	23747	Schneider Electric	23747
=WIRP1+PSD-F02	1	1	CIRCUIT BREAKER C60H 2P 3A D	24518	Schneider Electric	24518
=WIRP1+PSD-F03	1	1	Circuit breaker c60l 1p 2a c	25393	Schneider Electric	25393
=WIRP1+PSD-F04	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP1+PSD-F05	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP1+PSD-F06	1	1	Circuit breaker c60l 1p 4a c	25395	Schneider Electric	25395
=WIRP1+PSD-F07	1	1	Circuit breaker c60h 1p 1a b	24045	Schneider Electric	24045
=WIRP1+PSD-P01	1	1	SIGNAL LAMP WHITE	XB5AVB1	Schneider Electric	XB5AVB1
=WIRP1+PSD-Q01	1	1	MAIN SWITCH 25A FLUSH MOUNTING	VCDO	Schneider Electric	VCDO
=WIRP1+PSD-T01	1	1	POWER SUPPLY UNIT 230/24VDC	ABL7RP2410	Schneider Electric	ABL7RP2410
=WIRP1+PSD-XTR01	1	1	DISCONNECT TERMINAL	5711016550	Schneider Electric	5711016550
=WIRP1+SAF-K01	1	3	EMERGENCY STOP RELAY	XPSAK311144P	Schneider Electric	XPSAK311144P
=WIRP1+SAF-K02	1	8	CONTACTOR	LC1D09BD	Schneider Electric	LC1D09BD
=WIRP1+SAF-K03	1	8	CONTACTOR	LC1D09BD	Schneider Electric	LC1D09BD
=WIRP1+SAF-K04	1	3	EMERGENCY STOP RELAY	XPSAK311144P	Schneider Electric	XPSAK311144P

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LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP1+SAF-K06	1	8	CONTACTOR	LC1D09BD	Schneider Electric	LC1D09BD
=WIRP1+SAF-K07	1	8	CONTACTOR	LC1D09BD	Schneider Electric	LC1D09BD
=WIRP1+SAF-K08	1	8	CONTACTOR	LC1D09BD	Schneider Electric	LC1D09BD
=WIRP1+SAF-K09	1	8	CONTACTOR	LC1D09BD	Schneider Electric	LC1D09BD
=WIRP1+SAF-S01	1	2	EMERGENCY STOP BUTTON ROTATION RELEASE	XB5AS844	Schneider Electric	XB5AS844
=WIRP1+SAF-S01	1	2	EMERGENCY STOP AUXILIARY CONTACTBLOCK 1NO+2NC	ZB5AZ141	Schneider Electric	XB5AZ141
=WIRP1+SAF-SP01	1	3	ILLUMINATED PUSHBUTTON 1NC, BLUE	XB5AW36B5	Schneider Electric	XB5AW36B5
=WIRP1+SAF-SP03	1	3	ILLUMINATED PUSHBUTTON 1NC, BLUE	XB5AW36B5	Schneider Electric	XB5AW36B5
=WIRP1+VORORT-A01	1	6	ASSEMBLY HOUSING	XALD03	Schneider Electric	XALD03
=WIRP1+VORORT-K05	1	1	SAFETY LIGHT CURTAINS	XUSLTR5A0350	Schneider Electric	XUSLTR5A0350
=WIRP1+VORORT-K05	1	1	EXTENSION CABLE RECEIVER	XSZTCR10	Schneider Electric	XSZTCR10
=WIRP1+VORORT-K05	1	1	EXTENSION CABLE TRANSMITTER	XSZTCT10	Schneider Electric	XSZTCT10
=WIRP1+VORORT-M01	1	6	THREE PHASE AC MOTOR 220/380V/0,18KW	MOTOR_380/0,18KW	WEG	D1 MOTOR_380/0,18KW
=WIRP1+VORORT-M01	1	6	BRASS-ADAPTOR PG 11-M20X1,5	52104493	LAPP KABEL	52104493
=WIRP1+VORORT-M01	1	8	METAL-SCREW JOINT/ EARTH	52106960	LAPP KABEL	52106960
=WIRP1+VORORT-M02	1	6	THREE PHASE AC MOTOR 220/380V/0,18KW	MOTOR_380/0,18KW	WEG	D1 MOTOR_380/0,18KW
=WIRP1+VORORT-M02	1	6	BRASS-ADAPTOR PG 11-M20X1,5	52104493	LAPP KABEL	52104493
=WIRP1+VORORT-M02	1	8	METAL-SCREW JOINT/ EARTH	52106960	LAPP KABEL	52106960
=WIRP1+VORORT-M03	1	6	THREE PHASE AC MOTOR 220/380V/0,18KW	MOTOR_380/0,18KW	WEG	D1 MOTOR_380/0,18KW
=WIRP1+VORORT-M03	1	6	BRASS-ADAPTOR PG 11-M20X1,5	52104493	LAPP KABEL	52104493

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Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP1+VORORT-M03	1	8	METAL-SCREW JOINT/ EARTH	52106960	LAPP KABEL	52106960
=WIRP1+VORORT-M04	1	6	THREE PHASE AC MOTOR 220/380V/0,18KW	MOTOR_380/0,18KW	WEG	D1 MOTOR_380/0,18KW
=WIRP1+VORORT-M04	1	6	BRASS-ADAPTOR PG 11-M20X1,5	52104493	LAPP KABEL	52104493
=WIRP1+VORORT-M04	1	8	METAL-SCREW JOINT/ EARTH	52106960	LAPP KABEL	52106960
=WIRP1+VORORT-P01	1	1	CONNECTION ELEMENT	XVBC11	Schneider Electric	XVBC11
=WIRP1+VORORT-P01	1	1	SIGNAL PILLAR PIPE	XVBC02	Schneider Electric	XVBC02
=WIRP1+VORORT-P01	1	1	Connection element	XVBC21	Schneider Electric	XVBC21
=WIRP1+VORORT-P01	1	1	SIGNAL ELEMENT RED	XVBC2B4	Schneider Electric	XVBC2B4
=WIRP1+VORORT-P01	1	1	SIGNAL ELEMENT BLUE	XVBC2B6	Schneider Electric	XVBC2B6
=WIRP1+VORORT-P01	1	1	LIGHT SIGNALLING WHITE	XVBC2B7	Schneider Electric	XVBC2B7
=WIRP1+VORORT-P01	1	1	SIGNAL ELEMENT GREEN	XVBC2B3	Schneider Electric	XVBC2B3
=WIRP1+VORORT-S12	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP1+VORORT-S12	1	4	AUXILIARY CONTACT 1NO/NC	ZB5AZ105	Schneider Electric	ZB5AZ105
=WIRP1+VORORT-S12	1	2	TAG HOLDER 30X50MM	ZBZ33	Schneider Electric	ZBZ33
=WIRP1+VORORT-SP11	1	2	ILLUMINATED PUSHBUTTON 1NC/1NO, GREEN	XB5AW33B5	Schneider Electric	XB5AW33B5
=WIRP1+VORORT-SP13	1	2	ILLUMINATED PUSHBUTTON 1NC/1NO, YELLOW	XB5AW35B5	Schneider Electric	XB5AW35B5
=WIRP2+COM2-S01	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP2+COM2-S02	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP2+COM2-S02	1	4	AUXILIARY CONTACT 1NO/NC	ZB5AZ105	Schneider Electric	ZB5AZ105
=WIRP2+COM2-S03	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31

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LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP2+PLC2-K01	1	4	Twido otb decentral i/o	OTB1C0DM9LP	Schneider Electric	OTB1C0DM9LP
=WIRP2+PSD2-F01	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP2+PSD2-F02	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP2+PSD2-F03	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP2+VORORT-A01	1	6	ASSEMBLY HOUSING	XALD03	Schneider Electric	XALD03
=WIRP2+VORORT-S11	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP2+VORORT-S12	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP2+VORORT-S12	1	4	AUXILIARY CONTACT 1NO/NC	ZB5AZ105	Schneider Electric	ZB5AZ105
=WIRP2+VORORT-S13	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP3+COM3-S01	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP3+COM3-S02	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP3+COM3-S03	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP3+COM3-S04	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP3+COM3-S05	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP3+COM3-S06	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP3+PLC3-K01	1	4	Twido otb decentral i/o	OTB1C0DM9LP	Schneider Electric	OTB1C0DM9LP
=WIRP3+PSD3-F01	1	1	CIRCUIT BREAKER C60H 1P 1A C	25020	Schneider Electric	25020
=WIRP3+PSD3-F02	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP3+PSD3-F03	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP3+VORORT-A01	1	6	ASSEMBLY HOUSING	XALD03	Schneider Electric	XALD03





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Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP3+VORORT-A02	1	6	ASSEMBLY HOUSING	XALD03	Schneider Electric	XALD03
=WIRP3+VORORT-S11	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP3+VORORT-S12	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP3+VORORT-S13	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP3+VORORT-S21	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP3+VORORT-S22	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP3+VORORT-S23	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP4+COM4-S01	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP4+COM4-S02	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP4+COM4-S03	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP4+COM4-S04	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP4+COM4-S05	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP4+COM4-S06	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP4+MOV4-F01	1	2	Tesys u starter-controller	LUCA05BL	Schneider Electric	LUCA05BL
=WIRP4+MOV4-F01	1	2	Tesys u reversing 12a 24vdc	LU2B12BL	Schneider Electric	LU2B12BL
=WIRP4+MOV4-F01	1	2	AUXILIARY CONTACT 1NO/NC (FAULT/DISPOSED)	LUA1C11	Schneider Electric	LUA1C11
=WIRP4+MOV4-F01	1	2	Tesys u funktion module 1no/nc	LUFN11	Schneider Electric	LUFN11
=WIRP4+MOV4-F01	1	2	Tesys u ground console 12a 400v	LUB12	Schneider Electric	LUB12
=WIRP4+MOV4-F02	1	2	Tesys u starter-controller	LUCA05BL	Schneider Electric	LUCA05BL
=WIRP4+MOV4-F02	1	2	Tesys u reversing 12a 24vdc	LU2B12BL	Schneider Electric	LU2B12BL

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Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP4+MOV4-F02	1	2	AUXILIARY CONTACT 1NO/NC (FAULT/DISPOSED)	LUA1C11	Schneider Electric	LUA1C11
=WIRP4+MOV4-F02	1	2	Tesys u funktion module 1no/nc	LUFN11	Schneider Electric	LUFN11
=WIRP4+MOV4-F02	1	2	Tesys u ground console 12a 400v	LUB12	Schneider Electric	LUB12
=WIRP4+PLC4-K01	1	4	Twido otb decentral i/o	OTB1C0DM9LP	Schneider Electric	OTB1C0DM9LP
=WIRP4+PLC4-K02	1	4	Twido otb decentral i/o	OTB1C0DM9LP	Schneider Electric	OTB1C0DM9LP
=WIRP4+PSD4-B01	1	2	THERMOSTAT 1NC 0-60°C	ENN17562	Sarel GmbH	ENN17562
=WIRP4+PSD4-E01	1	2	FAN WITH FILTER 230V, 0,12A	ENN17901	Sarel GmbH	ENN17901
=WIRP4+PSD4-E01	1	2	AIR FILTER	ENN17911	Sarel GmbH	ENN17911
=WIRP4+PSD4-F01	1	2	Circuit breaker c60n 2p 2a c	23747	Schneider Electric	23747
=WIRP4+PSD4-F02	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP4+PSD4-F03	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP4+PSD4-F04	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP4+PSD4-F05	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP4+PSD4-F06	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP4+PSD4-F07	1	13	Circuit breaker c60l 1p 1a c	25392	Schneider Electric	25392
=WIRP4+SAF4-K04	1	3	EMERGENCY STOP RELAY	XPSAK311144P	Schneider Electric	XPSAK311144P
=WIRP4+SAF4-K05	1	8	CONTACTOR	LC1D09BD	Schneider Electric	LC1D09BD
=WIRP4+SAF4-K06	1	8	CONTACTOR	LC1D09BD	Schneider Electric	LC1D09BD
=WIRP4+SAF4-S01	1	2	EMERGENCY STOP BUTTON ROTATION RELEASE	XB5AS844	Schneider Electric	XB5AS844
=WIRP4+SAF4-S01	1	2	EMERGENCY STOP AUXILIARY CONTACTBLOCK 1NO+2NC	ZB5AZ141	Schneider Electric	XB5AZ141


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Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP4+SAF4-SP05	1	3	ILLUMINATED PUSHBUTTON 1NC, BLUE	XB5AW36B5	Schneider Electric	XB5AW36B5
=WIRP4+VORORT-A01	1	6	ASSEMBLY HOUSING	XALD03	Schneider Electric	XALD03
=WIRP4+VORORT-A02	1	6	ASSEMBLY HOUSING	XALD03	Schneider Electric	XALD03
=WIRP4+VORORT-M01	1	6	THREE PHASE AC MOTOR 220/380V/0,18KW	MOTOR_380/0,18KW	WEG	D1 MOTOR_380/0,18KW
=WIRP4+VORORT-M01	1	6	BRASS-ADAPTOR PG 11-M20X1,5	52104493	LAPP KABEL	52104493
=WIRP4+VORORT-M01	1	2	SKINTOP ST-HF-M20	53111427	LAPP KABEL	53111427
=WIRP4+VORORT-M02	1	6	THREE PHASE AC MOTOR 220/380V/0,18KW	MOTOR_380/0,18KW	WEG	D1 MOTOR_380/0,18KW
=WIRP4+VORORT-M02	1	6	BRASS-ADAPTOR PG 11-M20X1,5	52104493	LAPP KABEL	52104493
=WIRP4+VORORT-M02	1	2	SKINTOP ST-HF-M20	53111427	LAPP KABEL	53111427
=WIRP4+VORORT-S11	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP4+VORORT-S12	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP4+VORORT-S13	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP4+VORORT-S21	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP4+VORORT-S22	1	12	PUSHBUTTON, 1NC	XB5AA42	Schneider Electric	XB5AA42
=WIRP4+VORORT-S23	1	20	PUSHBUTTON, 1NO	XB5AA31	Schneider Electric	XB5AA31
=WIRP5+COM5-B01	1	5	REFLECTOR LIGHT BARRIER	XUB1APANM12	Schneider Electric	XUB1APANM12
=WIRP5+COM5-B01	1	5	REFLECTOR 50X50	XUZC50	Schneider Electric	XUZC50
=WIRP5+COM5-B01	1	5	BRACKET FOR	XUZA218	Schneider Electric	XUZA218
=WIRP5+COM5-B01	1	9	EXTENSION CABLE FOR SENSOR	XZCP1264L2	Schneider Electric	XZCP1264L2
=WIRP5+COM5-B01	1	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B	Schneider Electric	XZCC12FDM40B

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Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP5+COM5-B02	1	5	REFLECTOR LIGHT BARRIER	XUB1APANM12	Schneider Electric	XUB1APANM12
=WIRP5+COM5-B02	1	5	REFLECTOR 50X50	XUZC50	Schneider Electric	XUZC50
=WIRP5+COM5-B02	1	5	BRACKET FOR	XUZA218	Schneider Electric	XUZA218
=WIRP5+COM5-B02	1	9	EXTENSION CABLE FOR SENSOR	XZCP1264L2	Schneider Electric	XZCP1264L2
=WIRP5+COM5-B02	1	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B	Schneider Electric	XZCC12FDM40B
=WIRP5+COM5-B03	1	5	REFLECTOR LIGHT BARRIER	XUB1APANM12	Schneider Electric	XUB1APANM12
=WIRP5+COM5-B03	1	5	REFLECTOR 50X50	XUZC50	Schneider Electric	XUZC50
=WIRP5+COM5-B03	1	5	BRACKET FOR	XUZA218	Schneider Electric	XUZA218
=WIRP5+COM5-B03	1	9	EXTENSION CABLE FOR SENSOR	XZCP1264L2	Schneider Electric	XZCP1264L2
=WIRP5+COM5-B03	1	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B	Schneider Electric	XZCC12FDM40B
=WIRP5+COM5-B04	1	4	INITIATOR PNP	XS608B1PAM12	Schneider Electric	XS608B1PAM12
=WIRP5+COM5-B04	1	4	CONNECTING FLANGE 8MM	XSZB108	Schneider Electric	XSZB108
=WIRP5+COM5-B04	1	9	EXTENSION CABLE FOR SENSOR	XZCP1264L2	Schneider Electric	XZCP1264L2
=WIRP5+COM5-B04	1	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B	Schneider Electric	XZCC12FDM40B
=WIRP5+COM5-B05	1	4	INITIATOR PNP	XS608B1PAM12	Schneider Electric	XS608B1PAM12
=WIRP5+COM5-B05	1	4	CONNECTING FLANGE 8MM	XSZB108	Schneider Electric	XSZB108
=WIRP5+COM5-B05	1	9	EXTENSION CABLE FOR SENSOR	XZCP1264L2	Schneider Electric	XZCP1264L2
=WIRP5+COM5-B05	1	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B	Schneider Electric	XZCC12FDM40B
=WIRP5+COM5-B06	1	4	INITIATOR PNP	XS608B1PAM12	Schneider Electric	XS608B1PAM12
=WIRP5+COM5-B06	1	4	CONNECTING FLANGE 8MM	XSZB108	Schneider Electric	XSZB108

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LIST OF PARTS

Component design.	St. /Pos.	Amount	Designation	Type number	Supplier	Article number
=WIRP5+COM5-B06	1	9	EXTENSION CABLE FOR SENSOR	XZCP1264L2	Schneider Electric	XZCP1264L2
=WIRP5+COM5-B06	1	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B	Schneider Electric	XZCC12FDM40B
=WIRP5+COM5-B07	1	4	INITIATOR PNP	XS608B1PAM12	Schneider Electric	XS608B1PAM12
=WIRP5+COM5-B07	1	4	CONNECTING FLANGE 8MM	XSZB108	Schneider Electric	XSZB108
=WIRP5+COM5-B07	1	9	EXTENSION CABLE FOR SENSOR	XZCP1264L2	Schneider Electric	XZCP1264L2
=WIRP5+COM5-B07	1	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B	Schneider Electric	XZCC12FDM40B
=WIRP5+COM5-B08	1	5	REFLECTOR LIGHT BARRIER	XUB1APANM12	Schneider Electric	XUB1APANM12
=WIRP5+COM5-B08	1	5	REFLECTOR 50X50	XUZC50	Schneider Electric	XUZC50
=WIRP5+COM5-B08	1	5	BRACKET FOR	XUZA218	Schneider Electric	XUZA218
=WIRP5+COM5-B08	1	9	EXTENSION CABLE FOR SENSOR	XZCP1264L2	Schneider Electric	XZCP1264L2
=WIRP5+COM5-B08	1	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B	Schneider Electric	XZCC12FDM40B
=WIRP5+COM5-B09	1	5	REFLECTOR LIGHT BARRIER	XUB1APANM12	Schneider Electric	XUB1APANM12
=WIRP5+COM5-B09	1	5	REFLECTOR 50X50	XUZC50	Schneider Electric	XUZC50
=WIRP5+COM5-B09	1	5	BRACKET FOR	XUZA218	Schneider Electric	XUZA218
=WIRP5+COM5-B09	1	9	EXTENSION CABLE FOR SENSOR	XZCP1264L2	Schneider Electric	XZCP1264L2
=WIRP5+COM5-B09	1	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B	Schneider Electric	XZCC12FDM40B
=WIRP5+COM5-K101	1	4	IP67 SPLITTER BOX	FTB1CN08E08SP	Schneider Electric	FTB1CN08E08SP
=WIRP5+COM5-K102	1	4	IP67 SPLITTER BOX	FTB1CN08E08SP	Schneider Electric	FTB1CN08E08SP
=WIRP5+COM5-K103	1	4	IP67 SPLITTER BOX	FTB1CN08E08SP	Schneider Electric	FTB1CN08E08SP
=WIRP5+COM5-K104	1	4	IP67 SPLITTER BOX	FTB1CN08E08SP	Schneider Electric	FTB1CN08E08SP

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Purchase-order list

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23747	2	Circuit breaker c60n 2p 2a c 2P 2A C	23747 23747	Schneider Electric		1
24045	1	Circuit breaker c60h 1p 1a b 1A B 1pol.	24045 24045	Schneider Electric		2
24518	1	CIRCUIT BREAKER C60H 2P 3A D 3A D 2pol.	24518 24518	Schneider Electric		3
25020	1	CIRCUIT BREAKER C60H 1P 1A C 1A C 1pol.	25020 25020	Schneider Electric		4
25392	13	Circuit breaker c60l 1p 1a c 1A C 1pol.	25392 25392	Schneider Electric		5
25393	1	Circuit breaker c60l 1p 2a c 2A C 1pol.	25393 25393	Schneider Electric		6
25395	1	Circuit breaker c60l 1p 4a c 4A C 1pol.	25395 25395	Schneider Electric		7
52104493	6	BRASS-ADAPTOR PG 11-M20X1,5 Pg 11-m20x1,5	52104493 52104493	LAPP KABEL		8
52104497	4	BRASS-ADAPTOR PG 21-M20X1,5 Pg 21-m20x1,5	52104497 52104497	LAPP KABEL		9
52106960	8	METAL-SCREW JOINT/ EARTH M20/11/11/7	52106960 52106960	LAPP KABEL		10
53111427	2	SKINTOP ST-HF-M20 HALOGEN FREE	53111427 53111427	LAPP KABEL		11
5711016550	1	DISCONNECT 9ZBMINAB TKE 48 24-48V AC/DC	5711016550 5711016550	Schneider Electric		12
AB1RR235U2GR	90	TERMINAL SPRING-TYPE 2,5MM² GRAY	AB1RR235U2GR AB1RR235U2GR	Schneider Electric		13
AB1RRTP235U2	8	TERMINAL 4,0MM² YELLOW/GREEN SPRING-TYPE	AB1RRTP235U2 AB1RRTP235U2	Schneider Electric		14
AB1TP435U	1	TERMINAL 2,5MM² YELLOW/GREEN SPRING-TYPE 4,0MM² GR/YE	AB1TP435U AB1TP435U	Schneider Electric		15
ABL7RP2410	1	POWER SUPPLY UNIT 230/24VDC 24V DC 240W, 10A	ABL7RP2410 ABL7RP2410	Schneider Electric		16
ATV31H037N4	4	VARIABLE SPEED DRIVES 0,37KW	ATV31H037N4 ATV31H037N4	Schneider Electric		17
MOTOR_380/0,18kW	6	THREE PHASE AC MOTOR 220/380V/0,18KW 0,47A	MOTOR_380/0,18KW D1 MOTOR_380/0,18KW	WEG		18
ENN17901	2	FAN WITH FILTER 230V, 0,12A IP 54, 49 BB	ENN17901 ENN17901	Sarel GmbH		19
ENN17911	2	AIR FILTER FILTER SIZE 150X150	ENN17911 ENN17911	Sarel GmbH		20





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Ordering number	Amount ME	Designation	Type number Article number	Manufacturer Supplier	Notice	Pos.
ENN21322	4	WIRING DIAGRAM POCKET	ENN21322 ENN21322	Sarel GmbH		21
ENN83303	2	SWITCH CABINET AND MOUNTING PLATE 300x300x200	ENN83303 ENN83303	Sarel GmbH		22
ENN83329	1	SWITCH CABINET AND MOUNTING PLATE 600x600x250	ENN83329 ENN83329	Sarel GmbH		23
ENN83354	1	SWITCH CABINET AND MOUNTING PLATE 1000x600x250	ENN83354 ENN83354	Sarel GmbH		24
FTB1CN08E08SP	4	IP67 SPLITTER BOX 8I/80 DIAGNOSIS	FTB1CN08E08SP FTB1CN08E08SP	Schneider Electric		25
GV2L07	4	MAGNETIC CIRCUIT-BREAKER 2,5A 2,5A/0,75kW	GV2L07 GV2L07	Schneider Electric		26
LC1D09BD	8	CONTACTOR 24VDC	LC1D09BD LC1D09BD	Schneider Electric		27
LU2B12BL	2	Tesys u reversing 12a 24vdc COMPACT MOTOR STARTER COMBINATION	LU2B12BL LU2B12BL	Schneider Electric		28
LUA1C20	2	AUXILIARY CONTACT 1NO/NC (FAULT/DISPOSED) COMPACT MOTOR STARTER COMBINATION	LUA1C11 LUA1C11	Schneider Electric		29
LUB12	2	Tesys u ground console 12a 400v STARTER-CONTROLLER	LUB12 LUB12	Schneider Electric		30
LUCA05BL	2	Tesys u starter-controller 1,25-5A, 1,5kW	LUCA05BL LUCA05BL	Schneider Electric		31
LUFN11	2	Tesys u funktion module 1no/nc FU-MODUL	LUFN11 LUFN11	Schneider Electric		32
OTB1CODM9LP	4	Twido otb decentral i/o 12I/80 2xDC OUT CANopen	OTB1CODM9LP OTB1CODM9LP	Schneider Electric		33
TWDDDI8DT	2	Twido interface module 24v 8 I	TWDDDI8DT TWDDDI8DT	Schneider Electric		34
TWDLMDA20DRT	1	Twido plc modular-device m. 20e/a PLC	TWDLMDA20DRT TWDLMDA20DRT	Schneider Electric		35
TWDNCO1M	1	Twido sps interface CANOPEN MASTER	TWDNCO1M TWDNCO1M	Schneider Electric		36
VCDO	1	MAIN SWITCH 25A FLUSH MOUNTING MAIN SWITCH 25A 3PIN	VCDO VCDO	Schneider Electric		37
VW3A31852	4	MOUNTING PLATE ATV31 ALL ATV31	VW3A31852 VW3A31852	Schneider Electric		38
VW3CANCARR1	4	CANOPEN CONNECTING CABLE RJ45 1 m	VW3CANCARR1 VW3CANCARR1	Schneider Electric		39
VW3CANTAP2	2	VW3CANTAP2 BRANCHING BOX CANOPEN	VW3CANTAP2 VW3CANTAP2	Schneider Electric		40

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XBTG1100	1	MAGELIS CONTROL TERMINAL LCD 3,8" STN	XBTG1100 XBTG1100	Schneider Electric		41
XBTZ968	1	COMMUNICATIONS CABLE TO PREMIUM	XBTZ968 XBTZ968	Schneider Electric		42
XPSAK311144P	3	EMERGENCY STOP RELAY PREVENTA 24V	XPSAK311144P XPSAK311144P	Schneider Electric		43
XSZTCR10	1	EXTENSION CABLE RECEIVER LIGHT CURTAIN	XSZTCR10 XSZTCR10	Schneider Electric		44
XSZTCT10	1	EXTENSION CABLE TRANSMITTER LIGHT CURTAIN	XSZTCT10 XSZTCT10	Schneider Electric		45
XUSLTR5A0350	1	SAFETY LIGHT CURTAINS INFRARED	XUSLTR5A0350 XUSLTR5A0350	Schneider Electric		46
09000005030	5	CUT OUT SEAL	09000005030 09000005030	HARTING HARTING		47
09000005168	5	Special cable gland, cord grip, Bend protection	09000005168 09000005168	HARTING HARTING		48
09150000101	22	SCREW-IN HOUSING M 16	09150000101 09150000101	HARTING HARTING		49
09150000401	22	RACK UPPER PART	09150000401 09150000401	HARTING HARTING		50
09150005401	22	COVER SCREW MOUNTING	09150005401 09150005401	HARTING HARTING		51
09150006102	176	FEMALE CONTACTS 10A 10A CRIMP TERMINAL 1mm ² AG	09150006102 09150006102	HARTING HARTING		52
09150006202	176	MALE CONTACTS 10A 10A CRIMP TERMINAL 1mm ² AG	09150006202 09150006202	HARTING HARTING		53
09150073001	22	PIN INSERT (M) 10A CRIMP TERMINAL	09150073001 09150073001	HARTING HARTING		54
09150073101	22	BUSH INSERT (F) 10A CRIMP TERMINAL	09150073101 09150073101	HARTING HARTING		55
09300060302	9	BULKHEAD MOUNTED HOUSING Rear output	09300060302 09300060302	HARTING HARTING		56
09300061440	9	HOUSING TOP 6 PIN/16A PG13,5 MM20	09300061440 09300061440	HARTING HARTING		57
09330006102	6	CRIMP CONTACTS MALE silver plated 2,5mm ²	09330006102 09330006102	HARTING HARTING		58
09330006104	48	CRIMP CONTACTS MALE silver plated 1,5mm ²	09330006104 09330006104	HARTING HARTING		59
09330006202	6	CRIMP CONTACTS FEMALE silver plated 2,5mm ²	09330006202 09330006202	HARTING HARTING		60

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09330006204	48	CRIMP CONTACTS FEMALE silver plated 1,5mm²	09330006204 09330006204	HARTING HARTING		61
09330062602	9	PIN INSERT 6 PIN/16A 16A CRIMP TERMINAL	09330062602 09330062602	HARTING HARTING		62
09330062702	9	BUSH INSERT 6 PIN/16A 16A CRIMP TERMINAL	09330062702 09330062702	HARTING HARTING		63
1525652	2	M12 PIN FOR CANOPEN HOUSING WALL MOUNTING	SACCEC-M12MS-5CON-M16/5 1525652	PHOENIX PHOENIX		64
1525704	5	M12 SOCKET FOR CANOPEN HOUSING WALL MOUNTING	SACCEC-M12FS-5CON-M16/5 1525704	PHOENIX PHOENIX		65
ENN17562	2	THERMOSTAT 1NC 0-60°C 6A, 250V	ENN17562 ENN17562	Sarel GmbH Sarel GmbH		66
GVAE11	4	AUXILIARY CONTACT 1NC+1NO FOR MSS GV2	GVAE11 GVAE11	Schneider Electric Schneider Electric		67
XALD03	6	ASSEMBLY HOUSING STYLE 5 EMPTY	XALD03 XALD03	Schneider Electric Schneider Electric		68
XB5AA31	20	PUSHBUTTON, 1NO GREEN	XB5AA31 XB5AA31	Schneider Electric Schneider Electric		69
XB5AA42	12	PUSHBUTTON, 1NC RED	XB5AA42 XB5AA42	Schneider Electric Schneider Electric		70
XB5AS844	2	EMERGENCY STOP BUTTON ROTATION RELEASE Finessing safe 40mm	XB5AS844 XB5AS844	Schneider Electric Schneider Electric		71
XB5AVB1	1	SIGNAL LAMP WHITE WHITE LED	XB5AVB1 XB5AVB1	Schneider Electric Schneider Electric		72
XB5AW33B5	2	ILLUMINATED PUSHBUTTON 1NC/1NO, GREEN GREEN LED	XB5AW33B5 XB5AW33B5	Schneider Electric Schneider Electric		73
XB5AW35B5	2	ILLUMINATED PUSHBUTTON 1NC/1NO, YELLOW YELLOW LED	XB5AW35B5 XB5AW35B5	Schneider Electric Schneider Electric		74
XB5AW36B5	3	ILLUMINATED PUSHBUTTON 1NC, BLUE BLUE LED	XB5AW36B5 XB5AW36B5	Schneider Electric Schneider Electric		75
ZB5AZ141	2	EMERGENCY STOP AUXILIARY CONTACTBLOCK 1NO+2NC	ZB5AZ141 XB5AZ141	Schneider Electric Schneider Electric		76
XS608B1PAM12	4	INITIATOR PNP M8, INDUCTIVE, 3-WIRE	XS608B1PAM12 XS608B1PAM12	Schneider Electric Schneider Electric		77
XSZB108	4	CONNECTING FLANGE 8MM FOR INI	XSZB108 XSZB108	Schneider Electric Schneider Electric		78
XUB1APANM12	5	REFLECTOR LIGHT BARRIER NO, M18	XUB1APANM12 XUB1APANM12	Schneider Electric Schneider Electric		79
XUZA218	5	BRACKET FOR LIGHT BARRIER SENSOR	XUZA218 XUZA218	Schneider Electric Schneider Electric		80

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XUZC50	5	REFLECTOR 50X50	XUZC50 XUZC50	Schneider Electric Schneider Electric		81
XVBC02	1	SIGNAL PILLAR PIPE ALU BLACK, LENGT: 100MM	XVBC02 XVBC02	Schneider Electric Schneider Electric		82
XVBC11	1	CONNECTION ELEMENT HORIZONTAL	XVBC11 XVBC11	Schneider Electric Schneider Electric		83
XVBC21	1	Connection element	XVBC21 XVBC21	Schneider Electric Schneider Electric		84
XVBC2B3	1	SIGNAL ELEMENT GREEN WITH LED	XVBC2B3 XVBC2B3	Schneider Electric Schneider Electric		85
XVBC2B4	1	SIGNAL ELEMENT RED WITH LED	XVBC2B4 XVBC2B4	Schneider Electric Schneider Electric		86
XVBC2B	1	SIGNAL ELEMENT BLUE WITH LED	XVBC2B6 XVBC2B6	Schneider Electric Schneider Electric		87
XVBC2B7	1	LIGHT SIGNALLING WHITE WITH LED	XVBC2B7 XVBC2B7	Schneider Electric Schneider Electric		88
XZCC12FDM40B	9	PLUG FOR CONNECTION AT FTB	XZCC12FDM40B XZCC12FDM40B	Schneider Electric Schneider Electric		89
XZCP1264L2	9	EXTENSION CABLE FOR SENSOR 5m	XZCP1264L2 XZCP1264L2	Schneider Electric Schneider Electric		90
ZB5AZ105	4	AUXILIARY CONTACT 1NO/NC PUSHBUTTON	ZB5AZ105 ZB5AZ105	Schneider Electric Schneider Electric		91
ZBZ33	2	TAG HOLDER 30X50MM FOR LABELS 18X27	ZBZ33 ZBZ33	Schneider Electric Schneider Electric		92

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