



# ELECTRO - DOCUMENTATION

TYPE OF MACHINE : MOBICAT MC 120 Z EU EPS

KLEEMANN SERIES : K007

KLEEMANN MATERIAL NO : M10013389\_01\_EPS

PLC-CONTROL TYPE : VIPA SPS-CPU-214

LANGUAGE : DEUTSCH/ENGLISH

MANUFACTURED FOR : KLEEMANN GMBH  
MANFRED-WÖRNER-STRASSE 160  
D-73037 GÖPPINGEN

MANUFACTURED BY : TPS GMBH

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DATE : 18.Apr.2012

*Neue Bestellnummer  
New order number  
2302209\_00*

DATE	22.Mär.2012	KLEEMANN GMBH				DECKBLATT/ COVER SHEET	KLEEMANN SERIES	K007	= A0	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	1
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	19
MODIFICAT.	DATE	NAME	NORM	DIN						

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KAB		12	-03W2		18.Apr.2012	JHE
KAB		13	-06W1		18.Apr.2012	JHE
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DATE	18.Apr.2012	KLEEMANN GMBH		 	INHALTSVERZEICHNIS/ TABLE OF CONTENTS	KLEEMANN SERIES	K007	= A0	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG. 19

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STK		1	STUECKLISTE		18.Apr.2012	JHE
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STK		5	STUECKLISTE		18.Apr.2012	JHE
STK		6	STUECKLISTE		18.Apr.2012	JHE
STK		7	STUECKLISTE		18.Apr.2012	JHE
STK		8	PART'S LIST		18.Apr.2012	JHE
STK		9	PART'S LIST		18.Apr.2012	JHE
STK		10	PART'S LIST		18.Apr.2012	JHE
STK		11	PART'S LIST		18.Apr.2012	JHE
STK		12	PART'S LIST		18.Apr.2012	JHE
STK		13	PART'S LIST		18.Apr.2012	JHE
STK		14	PART'S LIST		18.Apr.2012	JHE

DATE	18.Apr.2012	KLEEMANN GMBH		 	INHALTSVERZEICHNIS/ TABLE OF CONTENTS	KLEEMANN SERIES	K007	= A0	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	6
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			PG.	19	
MODIFICAT.	DATE	NAME	NORM	DIN					

# KLEMMLEISTENBEZEICHNUNG/ TERMINAL STRIP DESIGNATION

# STECKERBEZEICHNUNG/ PLUG DESIGNATION

-0X0 = KLEMMLEISTE -0X0/  
TERMINAL STRIP -0X0

-0X06 =KLEMMLEISTE -0X06/  
TERMINAL STRIP -0X06

-0X07 = KLEMMENLEISTE -0X07/  
TERMINAL STRIP -0X07

-X00 =KLEMMENLEISTE -X00/  
TERMINAL STRIP -X00

-X0 =KLEMMENLEISTE -X0/  
TERMINAL STRIP -X0

-X1 = KLEMMLEISTE -X1/  
TERMINAL STRIP -X1

-X3 =KLEMMENLEISTE -X3/  
TERMINAL STRIP -X3

-X5 = KLEMMLEISTE -X5/  
TERMINAL STRIP -X5

-X6 = KLEMMLEISTE -X6/  
TERMINAL STRIP -X6

-X8 = KLEMMENLEISTE -X8/  
TERMINAL STRIP -X8

-X22 = KLEMMLEISTE -X22/  
TERMINAL STRIP -X22

-X230 = KLEMMENLEISTE -X230/  
TERMINAL STRIP -X230

-XB = KLEMMENLEISTE -XB/  
TERMINAL STRIP -XB

-XF = KLEMMLEISTE -XF/  
TERMINAL STRIP -XF

-XG = KLEMMENLEISTE -XG/  
TERMINAL STRIP -XG

-XK = KLEMMENLEISTE -XK/  
TERMINAL STRIP -XK

-XLS = KLEMMLEISTE -XLS  
TERMINAL STRIP -XLS

-XNG = KLEMMENLEISTE -XNG/  
TERMINAL STRIP -XNG

+M-XG = KLEMMENLEISTE +M-XG/  
TERMINAL STRIP +M-XG

-XOUT = STECKER -XOUT/  
PLUG -XOUT

-3X2 = STECKER -3X2/  
PLUG -3X2

-4X1 = STECKER -4X1/  
PLUG -4X1

-4X2 = STECKER -4X2/  
PLUG -4X2

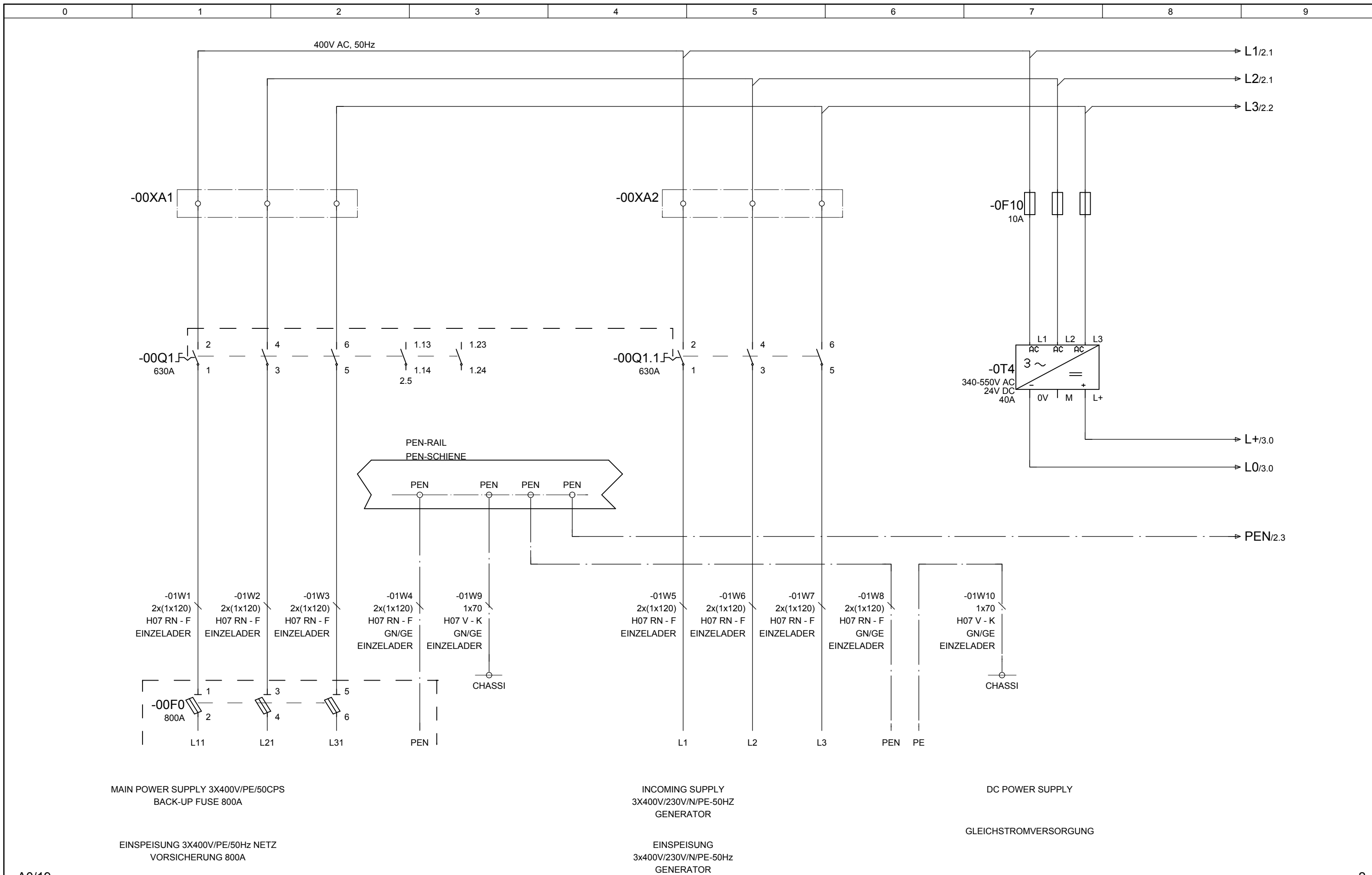
+M-XF1 = STECKER +M-XF1  
PLUG +M-XF1

+M-6X1 = STECKER +M-6X1/  
PLUG +M-6X1

+M-XS2 = STECKER +M-XS2/  
PLUG +M-XS2

+M-XS5 = STECKER +M-XS5/  
PLUG +M-XS5

MODIFICAT.		DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	 	KLEMMENUEBERSICHT/ TERMINAL OVERVIEW	KLEEMANN SERIES	K007	= A0	+	
		DATE	18.Apr.2012	KLEEMANN GMBH							KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 19	
		EDITED	JHE	MOBICAT MC 120 Z EU EPS										PG. 19	



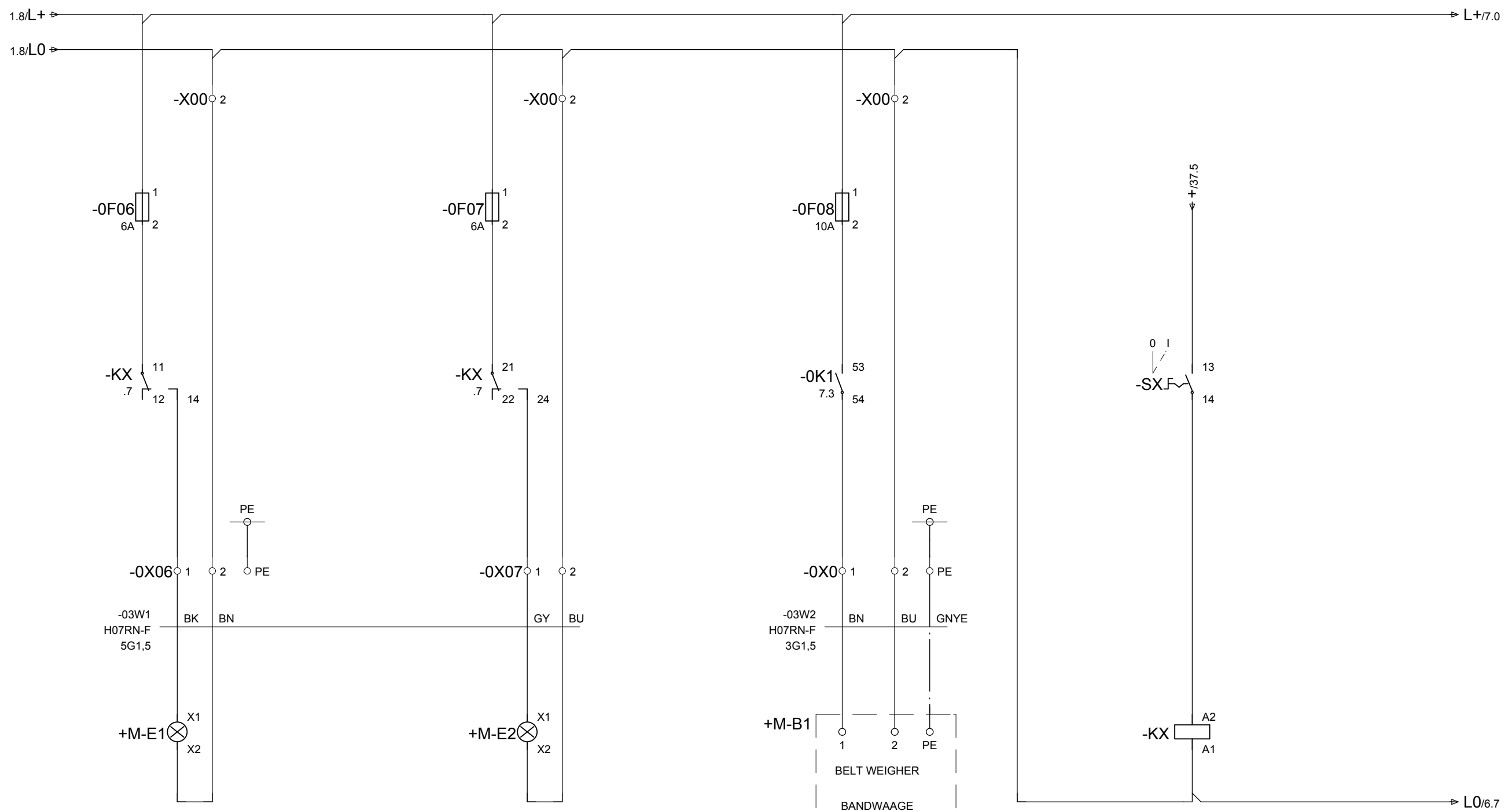
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DATE	18.Apr.2012	KLEEMANN GMBH		 	UMSCHALTUNG NETZ/GENERATOR/ CHANGING-OVER MAIN/GENERATOR	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41







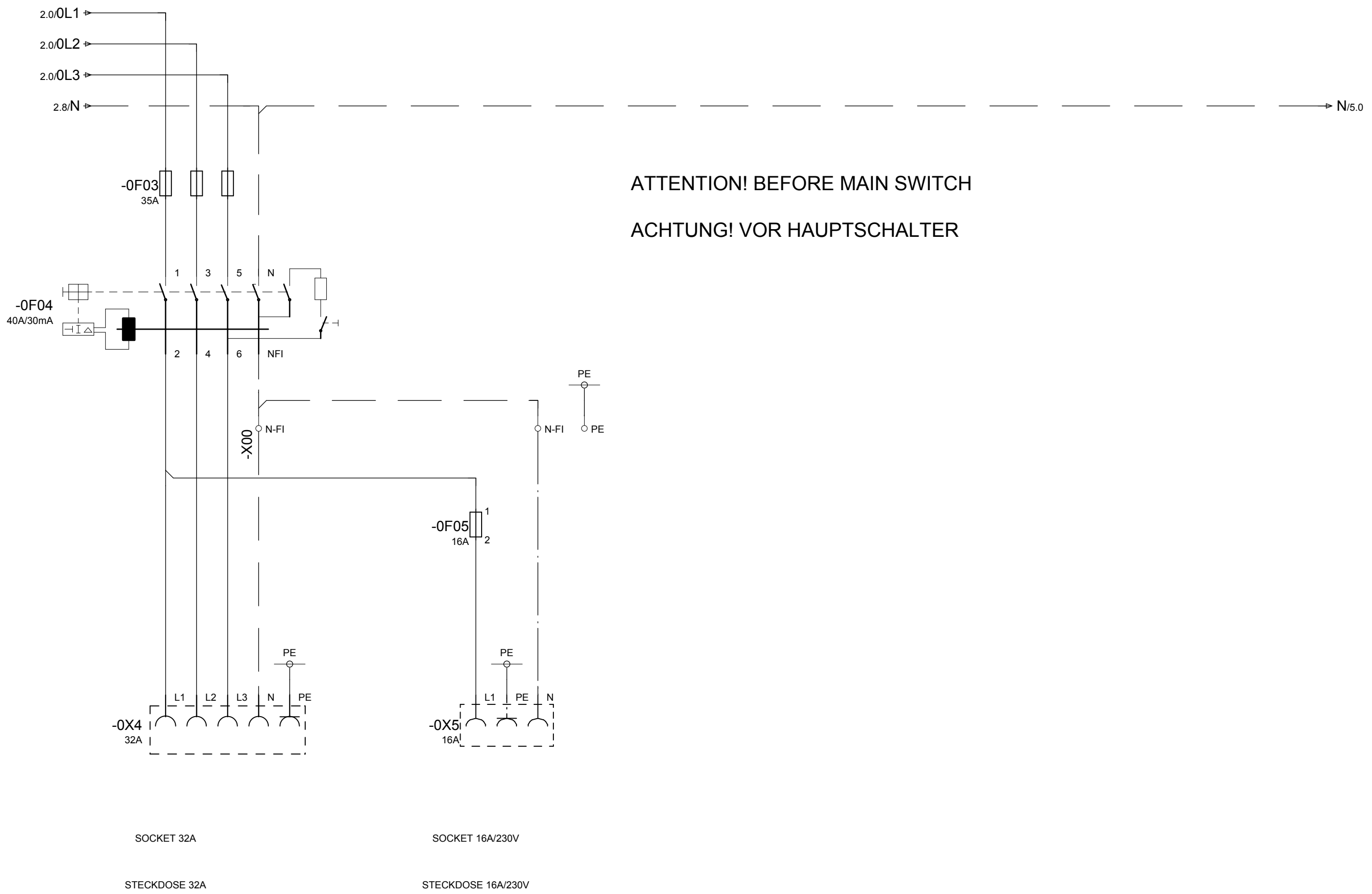
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 12 → 11.1  
 24 → 21.3  
 22 → 21.3

ILLUMINATION 1  
 BELEUCHTUNG 1

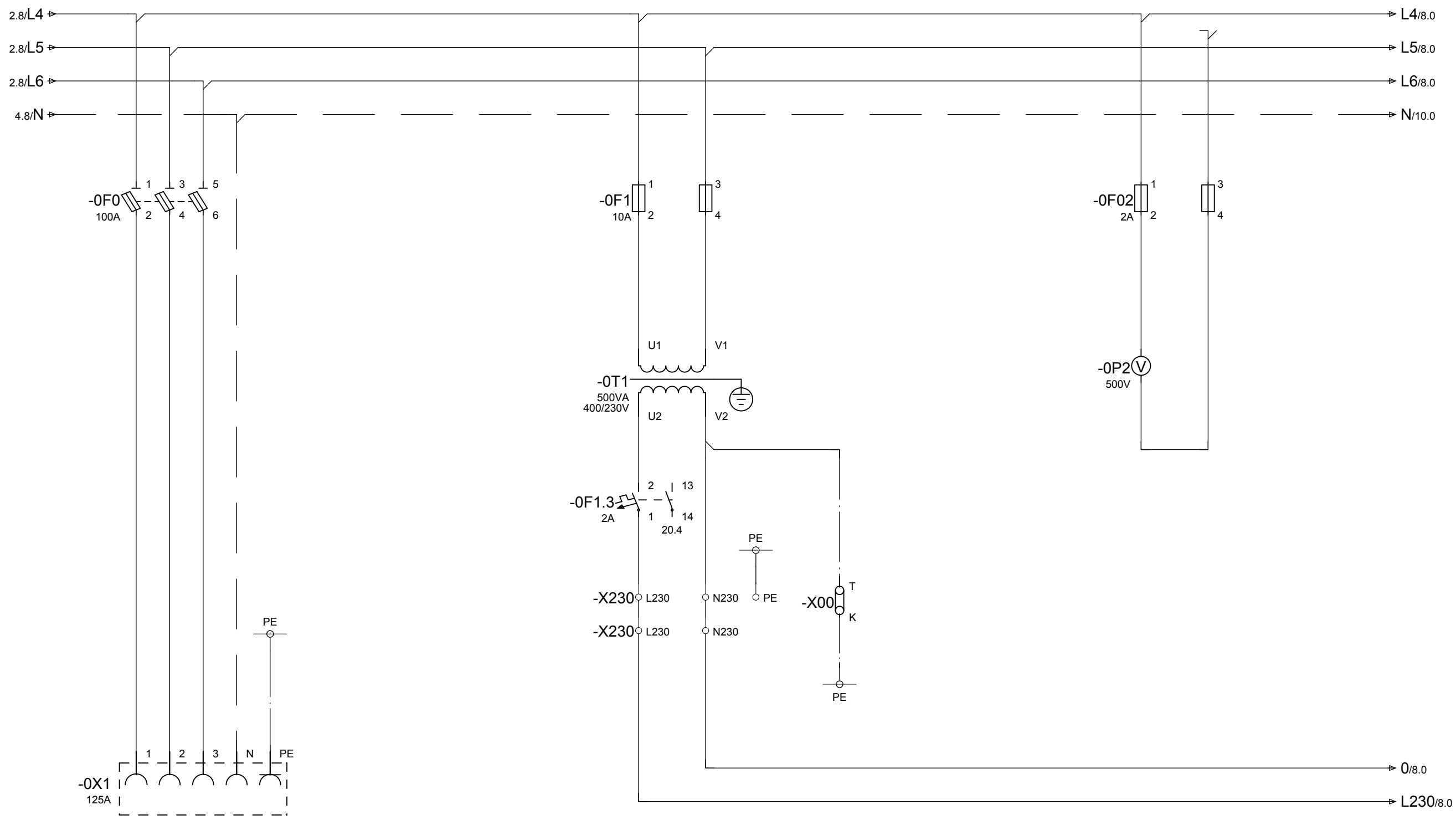
ILLUMINATION 2  
 BELEUCHTUNG 2

BELT WEIGHER  
 BANDWAAGE

DATE		18.Apr.2012		KLEEMANN GMBH				BELEUCHTUNG UND BANDWAAGE/ ILLUMINATION AND BELT WEIGHER		KLEEMANN SERIES		K007		= 100		+	
EDITED		JHE		MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO		M10013389_01_EPS		CAE-SYSTEM:		EPLAN 5.70		PG.	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.									
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										



DATE	18.Apr.2012	KLEEMANN GMBH		 	ABGAENGE VOR HAUPTSCHALTER/ OUTLETS BEFORE MAIN SWITCH	KLEEMANN SERIES	K007	= 100	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	41

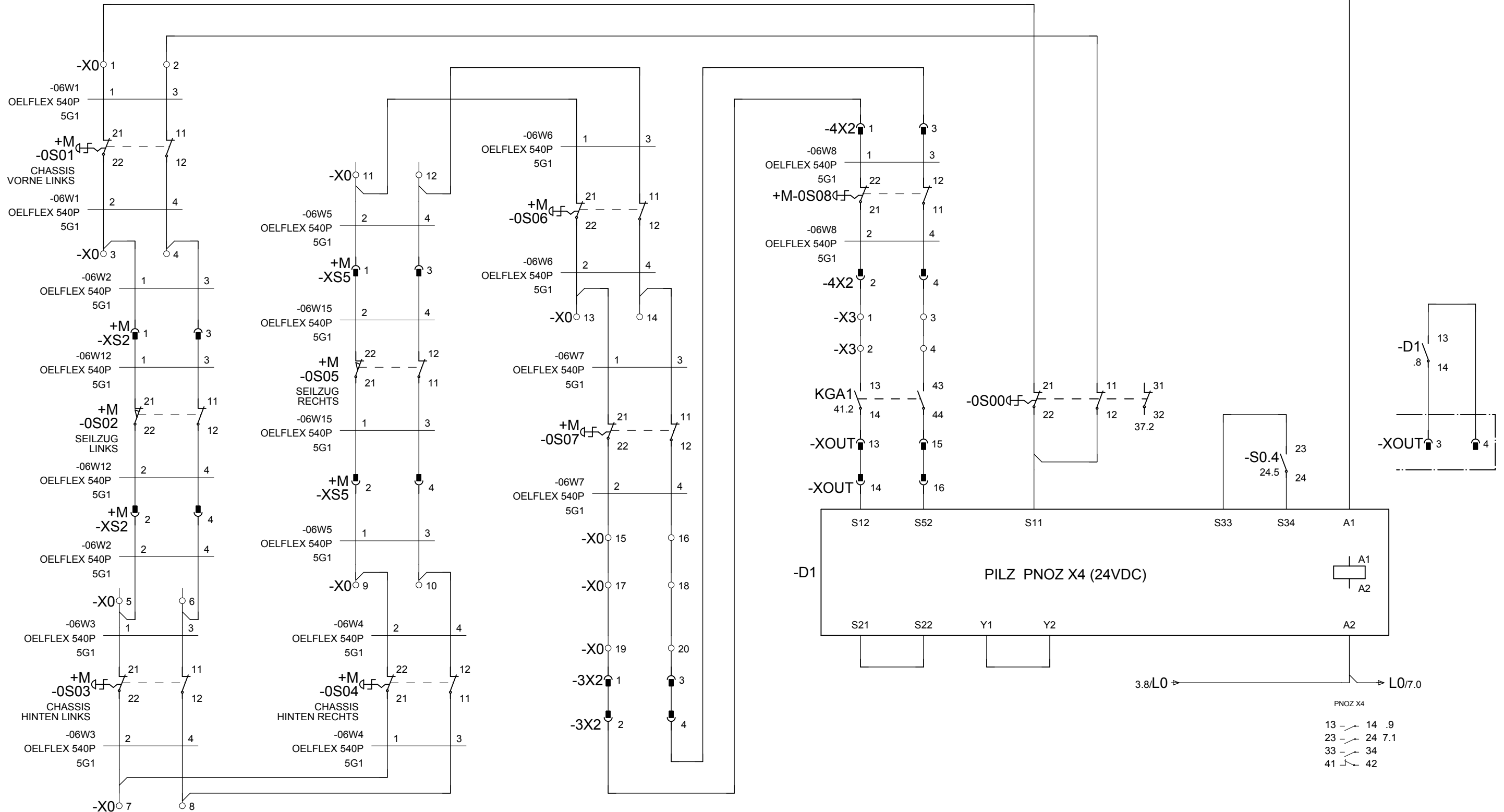


POWER SOCKET 125A

KRAFTSTECKDOSE 125A

DATE	17.Apr.2012	KLEEMANN GMBH		<b>Kleemann</b>	STEUERSpannung/ CONTROL VOLTAGE	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41

7.4/L24VN → L24VN/8.5



E-STOP PUSH-BUTTON

E-STOP PUSH-BUTTON

EMERGENCY STOP SWITCHGEAR

NOT-AUS TASTER

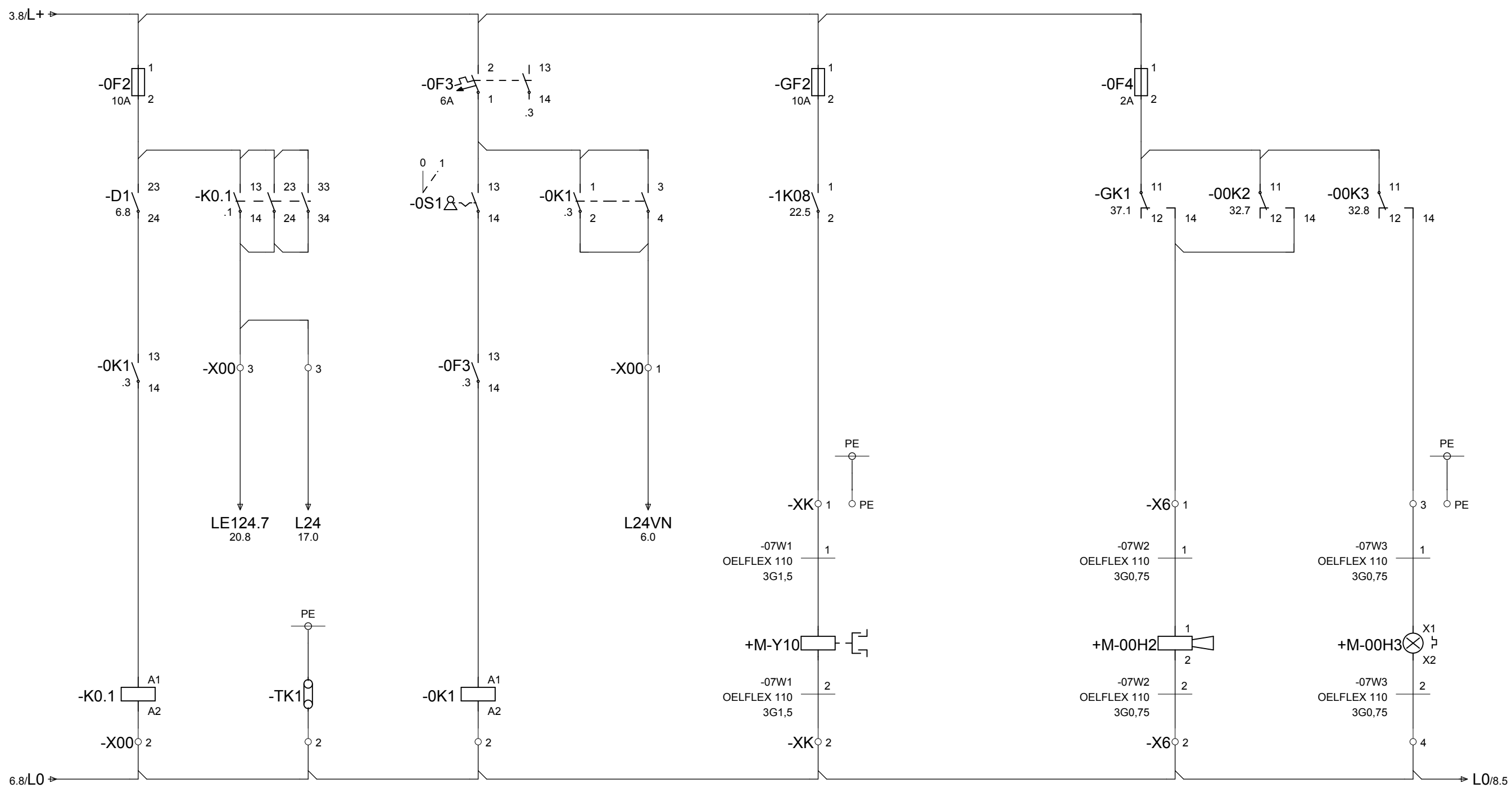
NOT-AUS TASTER

NOT-AUS SCHALTGERAET

3.8/L0 → L0/7.0

PNOZ X4  
 13 → 14 .9  
 23 → 24 7.1  
 33 → 34  
 41 → 42

DATE		18.Apr.2012		KLEEMANN GMBH				NOT-AUS/ EMERGENCY STOP		KLEEMANN SERIES		K007		= 100		+	
EDITED		JHE		MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO		M10013389_01_EPS		CAE-SYSTEM: EPLAN 5.70		PG.		6	
CONTR.		D. MALLKOWSKY		ORIGIN				REP.F.		REP.T.				PG.		41	



SIE 3RH11 40-2BB40  
 13 → 14 .2  
 23 → 24 .2  
 33 → 34 .2  
 43 → 44  
 SUPPLY 24V  
 AFTER EMERGENCY STOP  
 VERSORGUNG 24V  
 NACH NOT-AUS

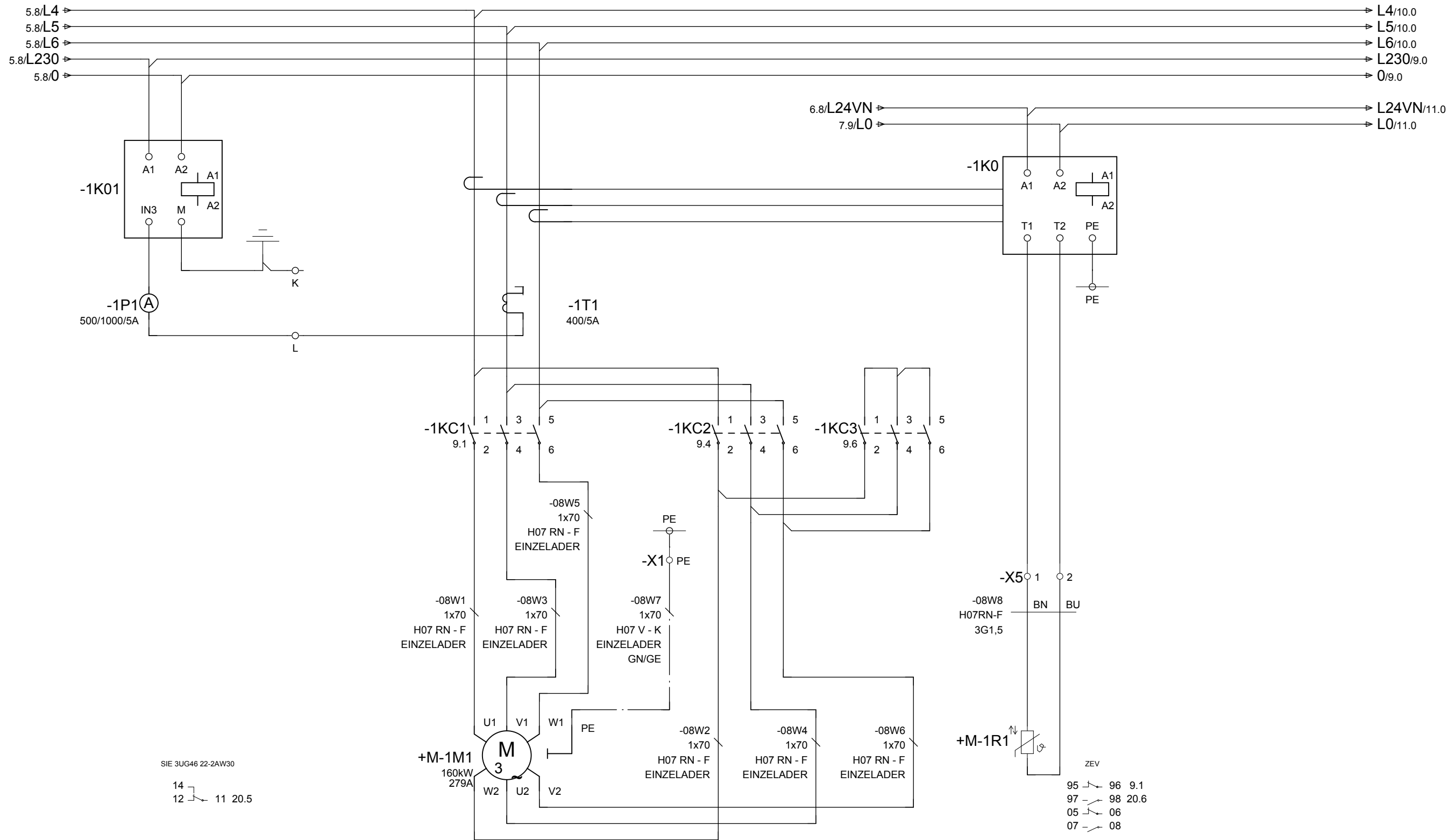
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 3RH19 11-2FAZ2  
 1 → 2 .4  
 3 → 4 .4  
 5 → 6 21.7  
 13 → 14 .1  
 53 → 54 3.5  
 61 → 62  
 71 → 72  
 83 → 84  
 CONTROL VOLTAGE  
 ON  
 STEUERSPANNUNG  
 EIN

COUPLING  
 KUPPLUNG

HOOTER  
 HUPE

FLASHING LIGHT  
 BLINKLICHT

DATE	18.Apr.2012	KLEEMANN GMBH			VERSORGUNG 24V STEUERSPG/ SUPPLY 24V CONTROL VOLTAGE	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 7
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			PG. 41		



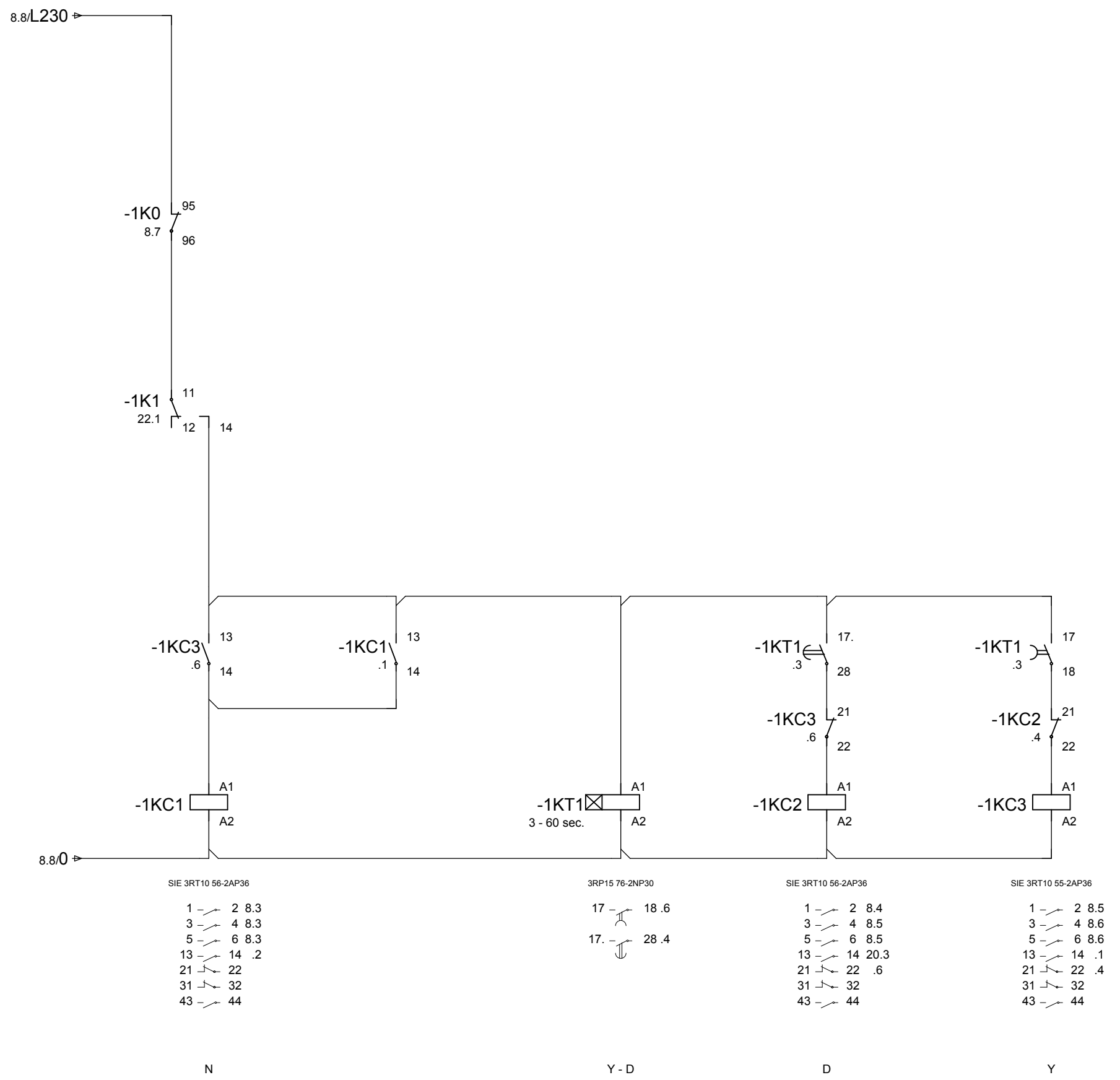
CRUSHER 1 - POS. 6

BRECHER 1 - POS. 6

MOTOR PROTECTION RELAY

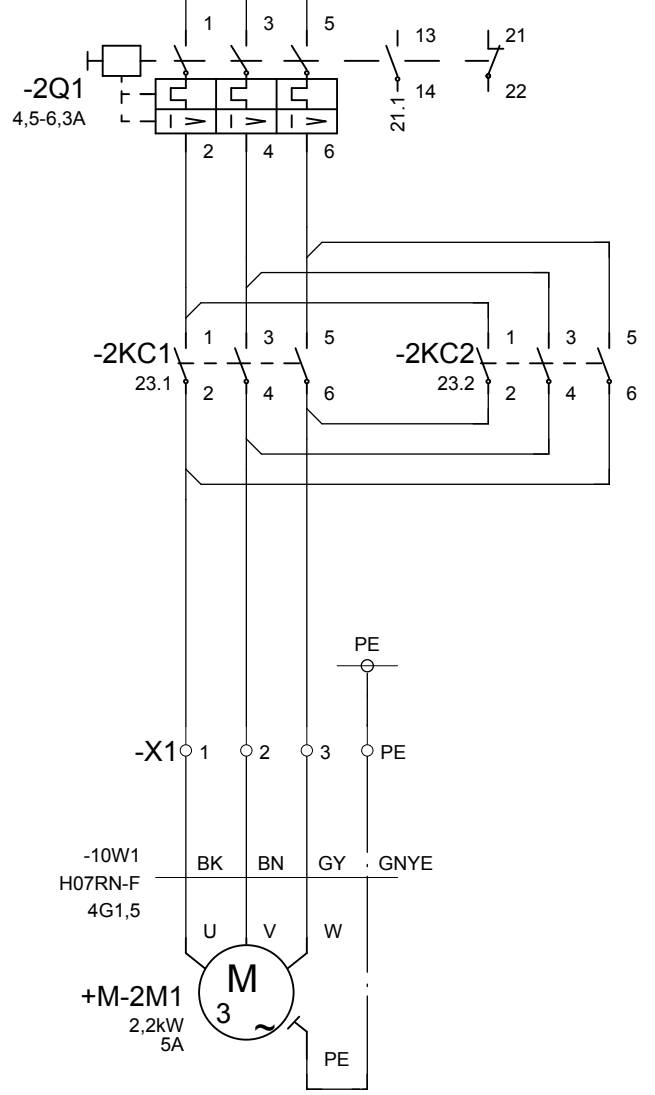
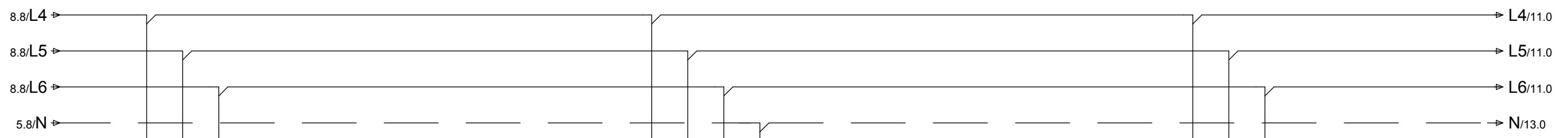
MOTORSCHUTZRELAIS

DATE	18.Apr.2012	KLEEMANN GMBH			BRECHER 1 - POS. 6/ CRUSHER 1 - POS. 6	KLEEMANN SERIES	K007	= 100	+		
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG.	8
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.			REP.T.				PG.	41



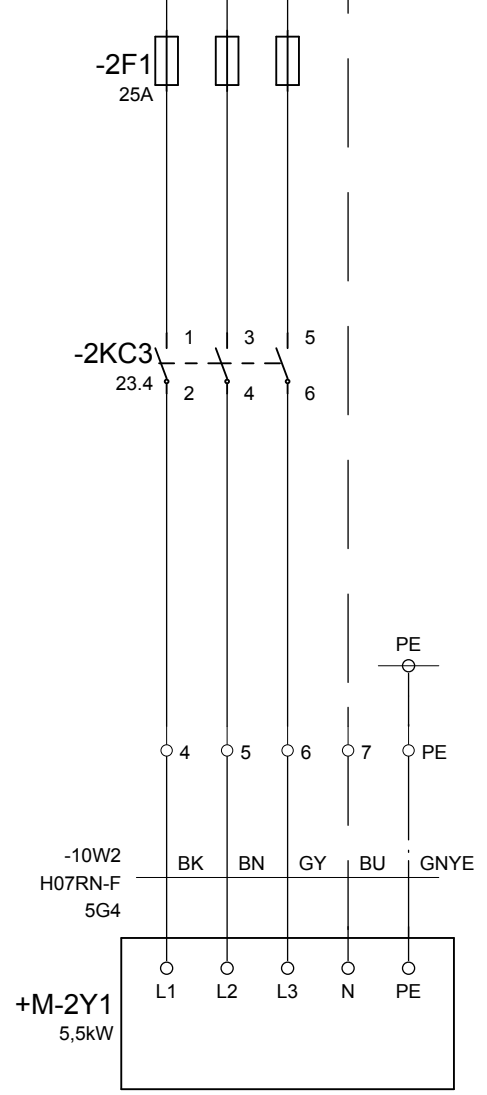
DATE	18.Apr.2012	KLEEMANN GMBH			STRG BRECHER 1 - POS.6/ CONTROL CRUSHER 1 - POS.6	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41





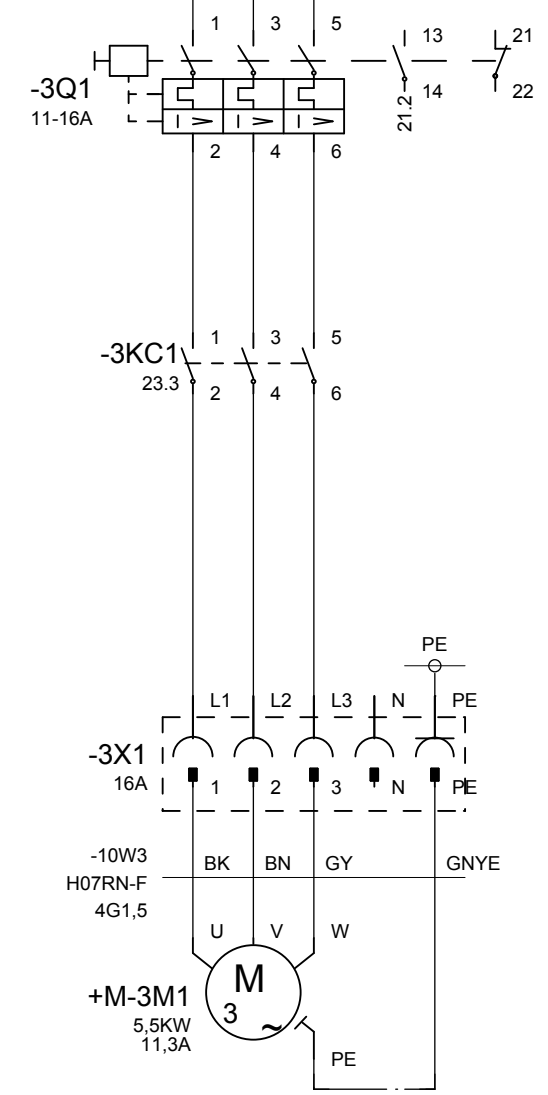
MAGNETIC BELT 2

MAGNETBAND 2



MAGNET

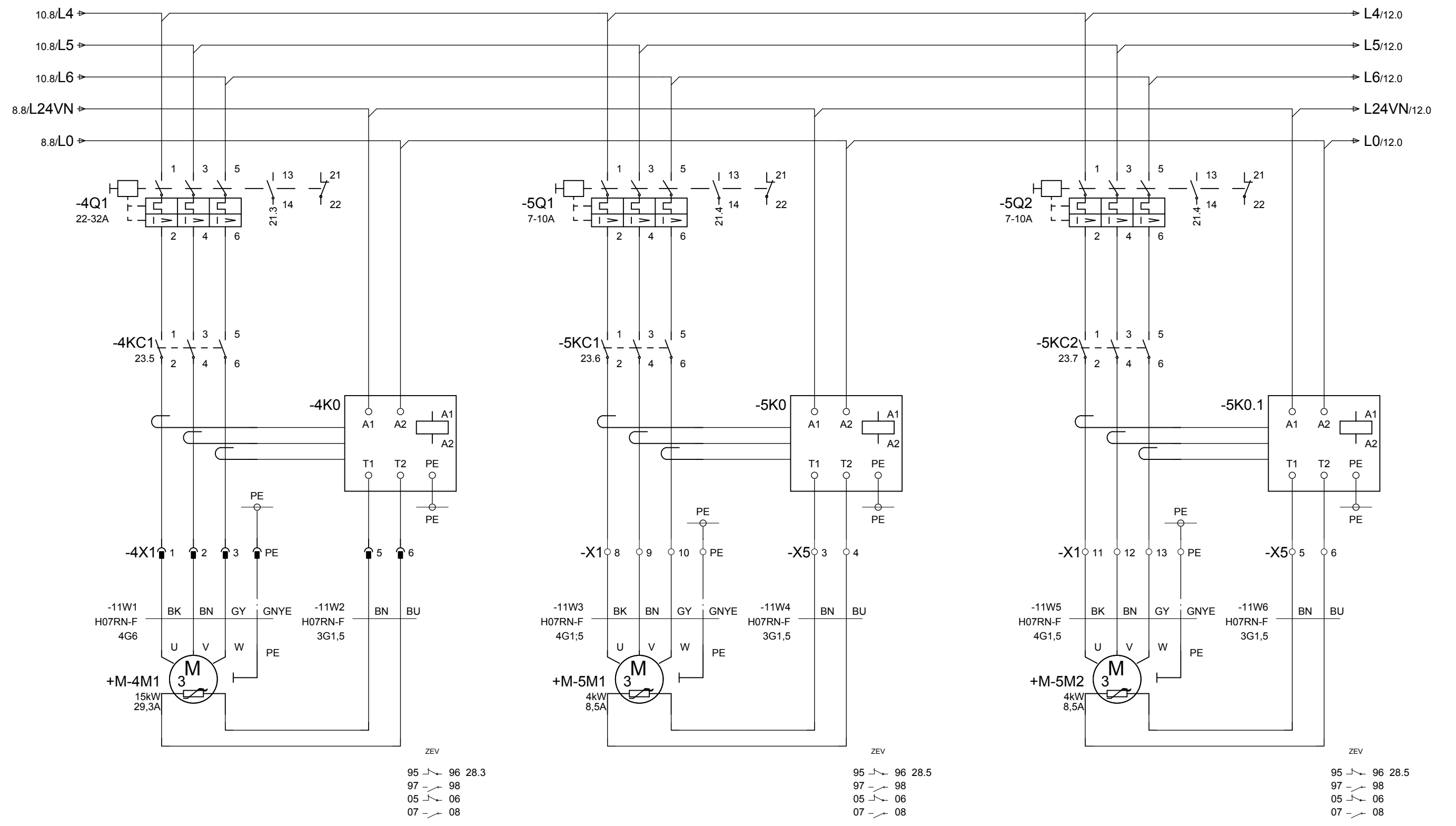
MAGNET



CONVEYOR BELT 3

FOERDERBAND 3

DATE	18.Apr.2012	KLEEMANN GMBH			MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 10
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 41	
MODIFICAT.	DATE	NAME	NORM	DIN					



CONVEYOR BELT 4

VIBRATING CHUTE/CRUSHER 5

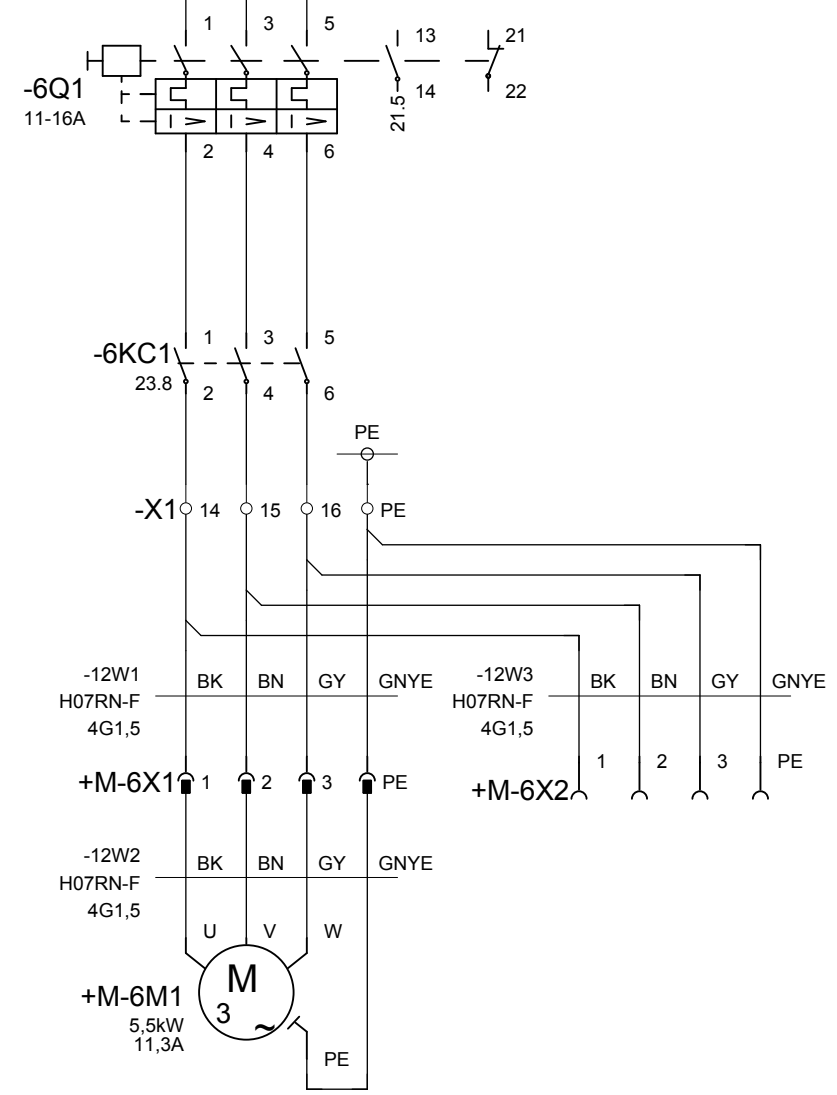
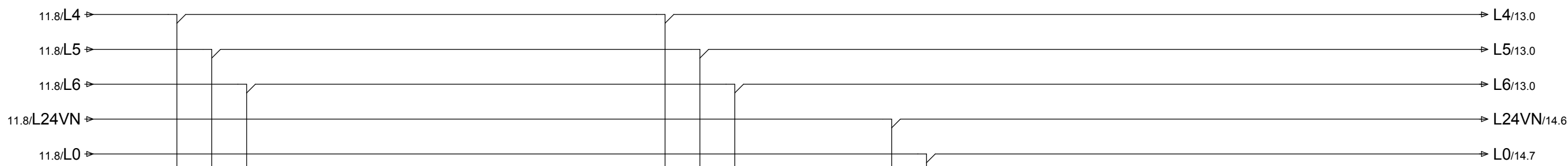
VIBRATING CHUTE/CRUSHER 5

FOERDERBAND 4

FOERDERRINNE 5

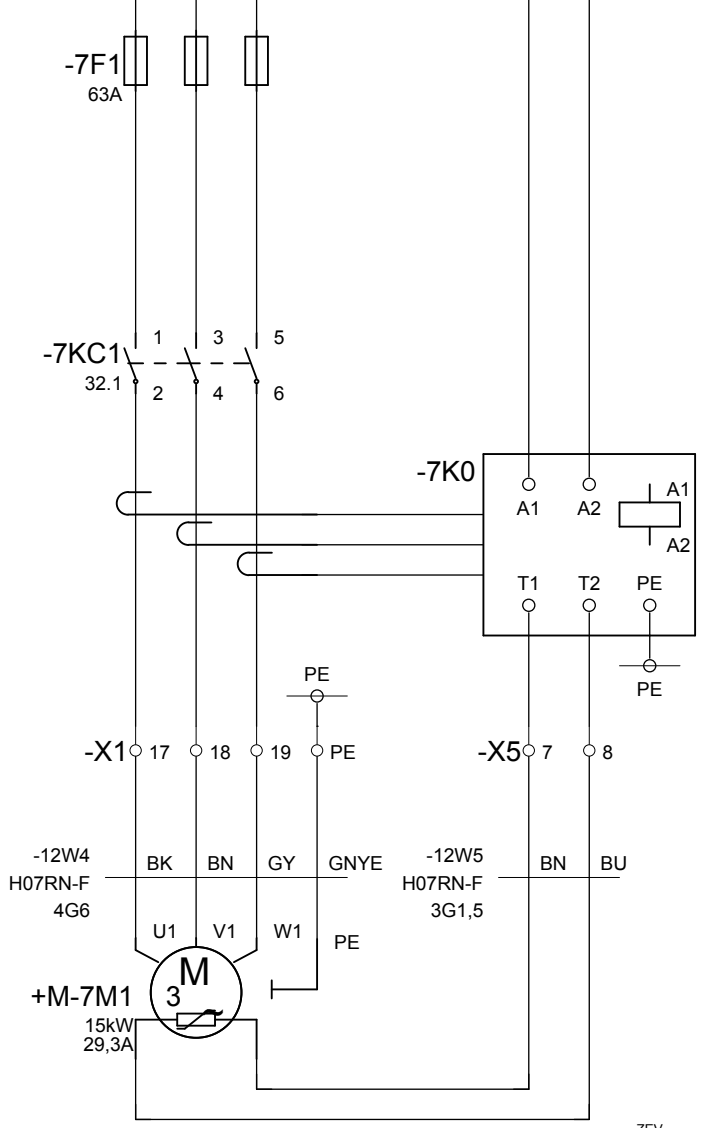
FOERDERRINNE 5

DATE	18.Apr.2012	KLEEMANN GMBH			MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 11
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 41	



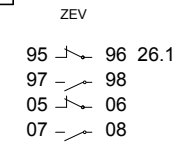
CONVEYOR BELT 6

FOERDERBAND 6

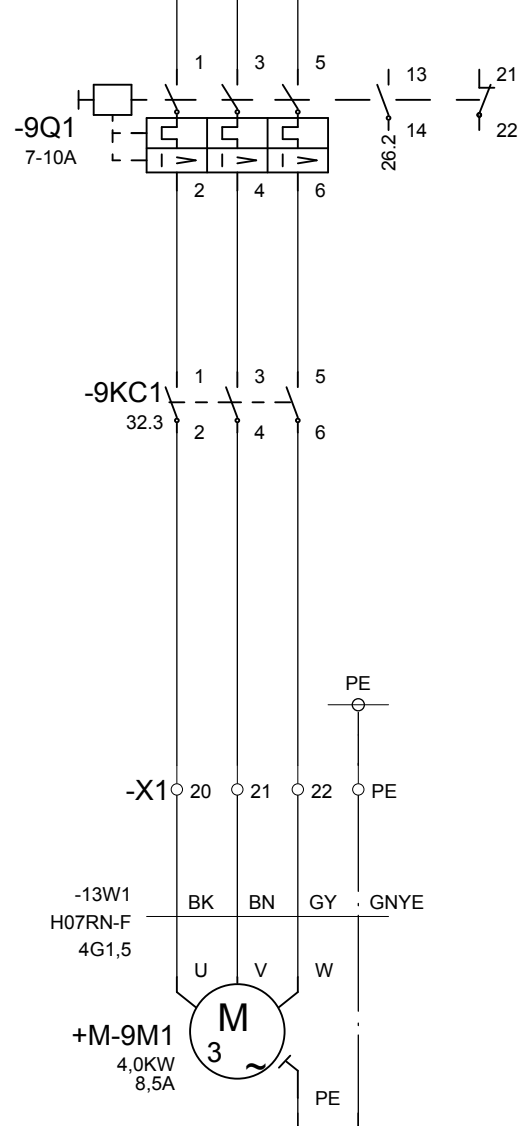
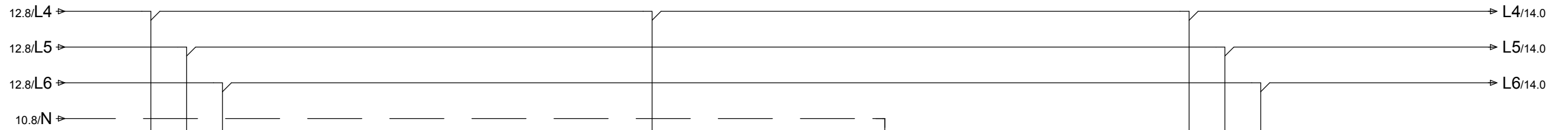


VIBRATING SCREEN 7

VIBRATIONSSIEB 7

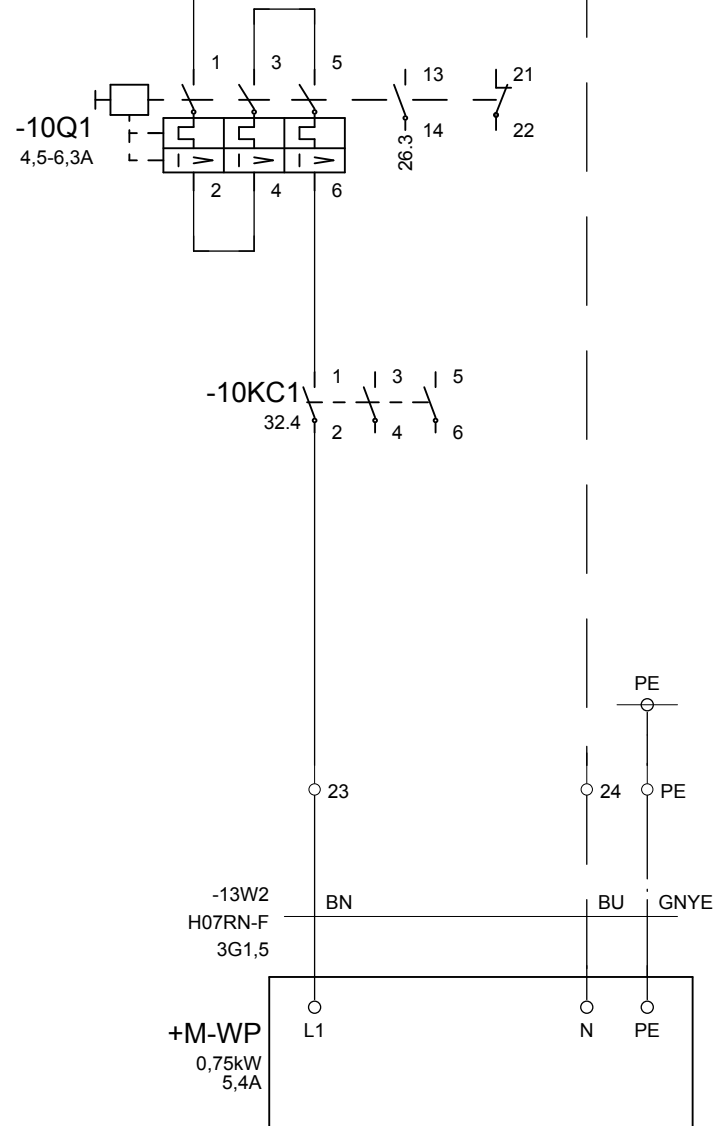


DATE		18.Apr.2012		KLEEMANN GMBH		<b>Kleemann</b>	MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+
EDITED		JHE		MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 12
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41



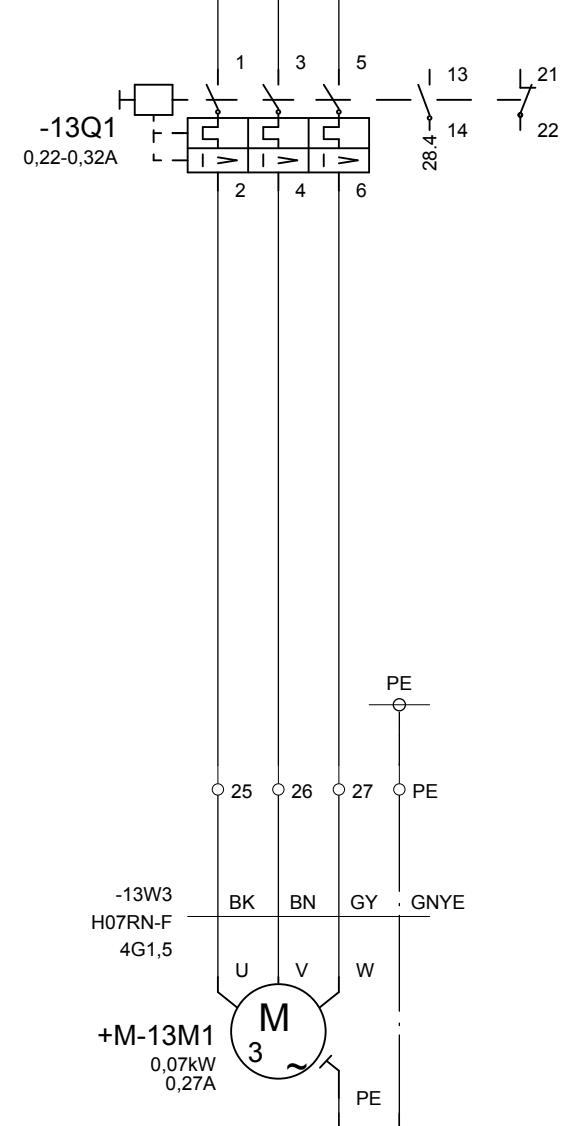
HYDRAULIC 9

HYDRAULIK 9



WATERPUMP 10

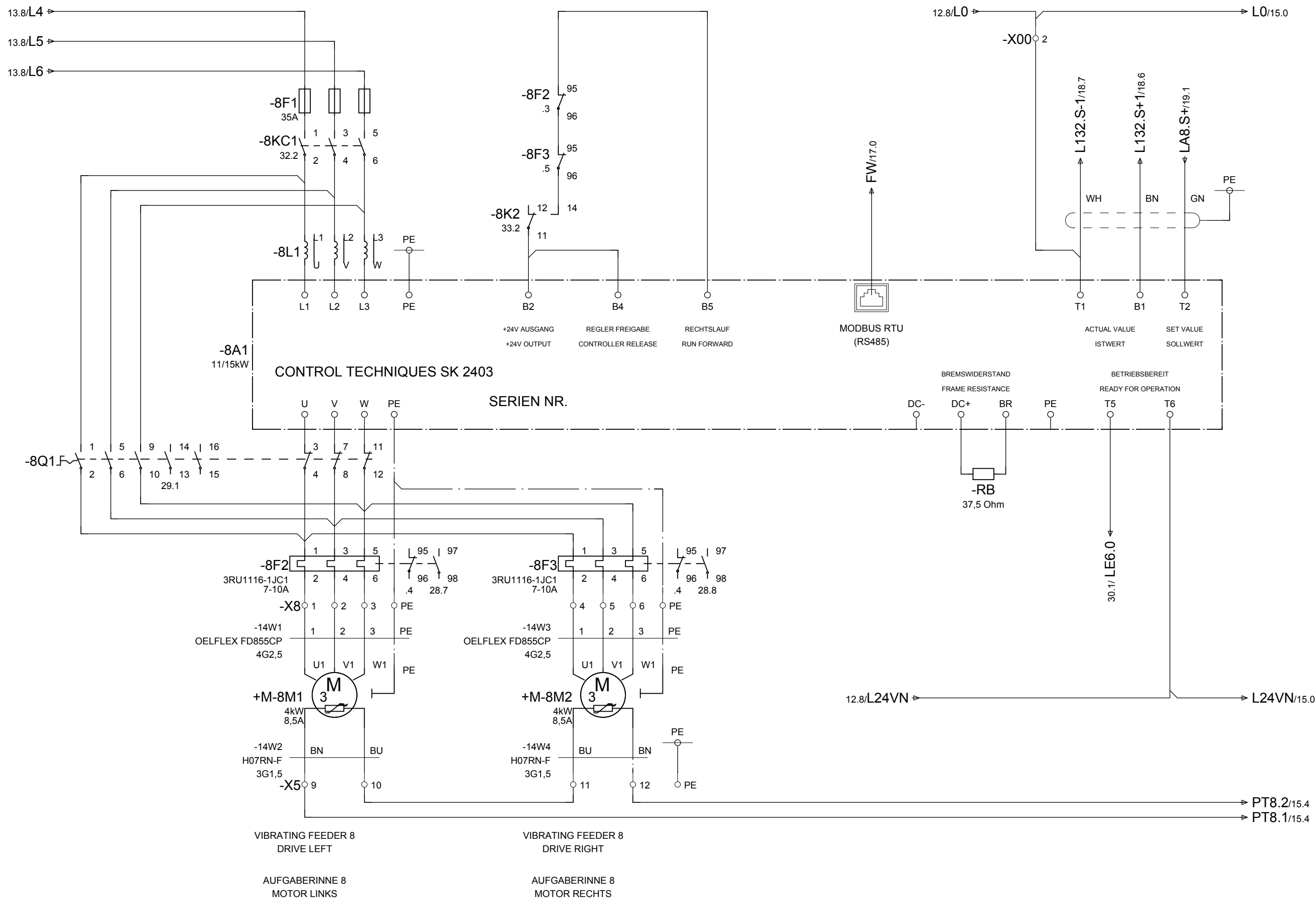
WASSERPUMPE 10



OVERPRESSURE FAN

UEBERDRUCKGEBLAESE

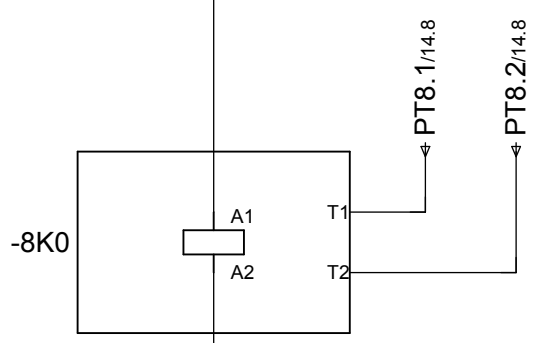
DATE	18.Apr.2012	KLEEMANN GMBH		 	MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	13
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41



PT8.2/15.4  
PT8.1/15.4

DATE	18.Apr.2012	KLEEMANN GMBH	<b>Kleemann</b>	AUFGABERINNE 8 - POS. 2/ VIBRATING FEEDER 8 - POS. 2	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY							PG. 41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

14.8/L24VN → L24VN/17.0



14.8/LO → LO/17.0

SIE 3RN10 10-2CB00  
 95 - 96  
 97 - 98 28.6

TEMPERATURE MONITORING  
 VIBRATING FEEDER 8  
 (8M1/8M2)  
 TEMPERATURUEBERWACHUNG  
 AUFGABERINNE 8  
 (8M1/8M2)

DATE	18.Apr.2012	KLEEMANN GMBH		 	TEMPERATURUEBERWACHUNG/ TEMPERATURE CONTROL	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41

0

1

2

3

4

5

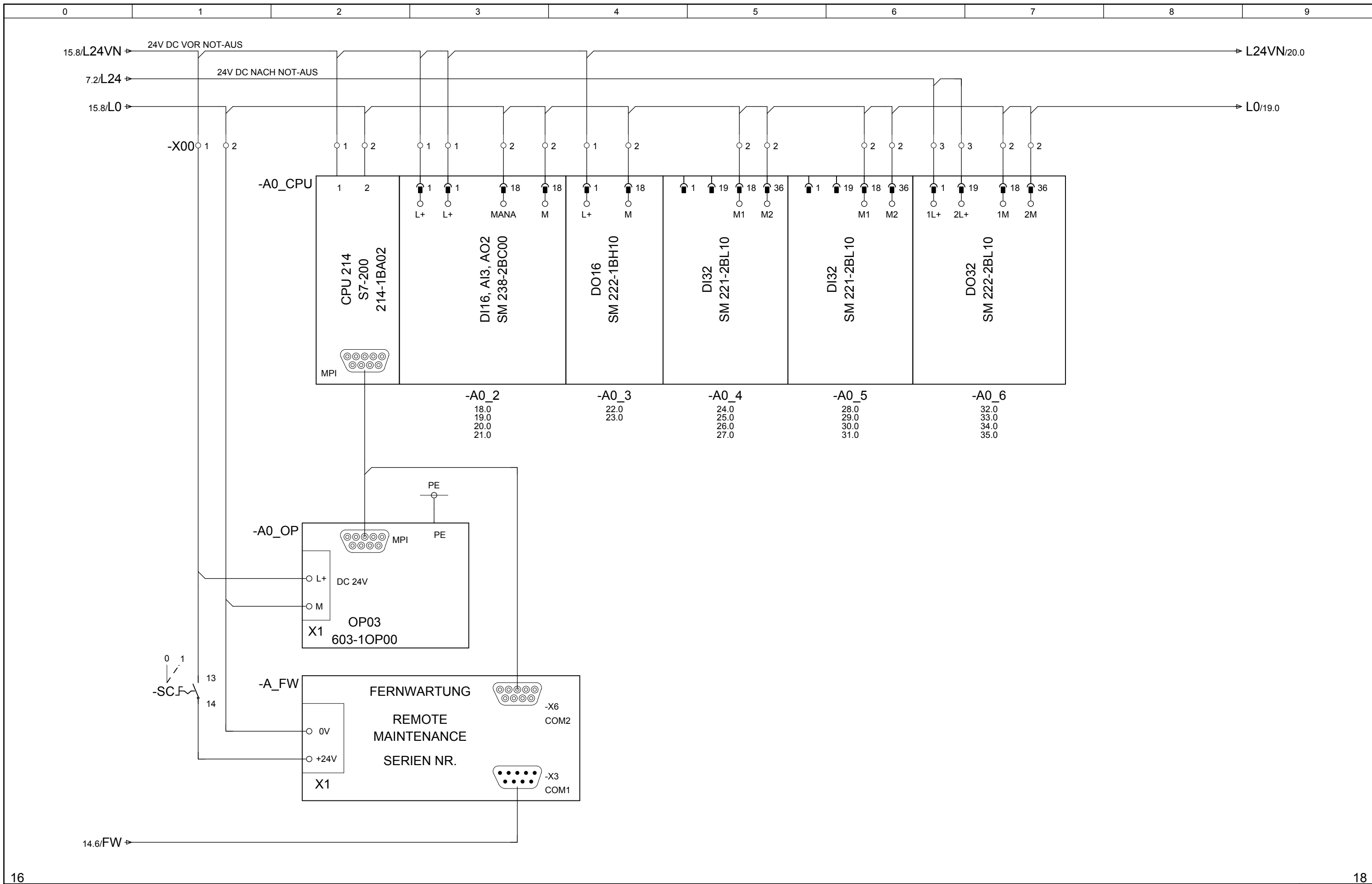
6

7

8

9

			DATE	18.Apr.2012	KLEEMANN GMBH			 	RESERVE/ SPARE	KLEEMANN	K007	= 100	+
		EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN			M10013389_01_EPS	CAE-SYSTEM:	PG. 16	
		CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.	MATERIAL NO			M10013389_01_EPS	EPLAN 5.70	PG. 41	



DATE	18.Apr.2012
EDITED	JHE
CONTR.	D. MALLKOWSKY
MODIFICAT.	DATE
NAME	NORM
DIN	DIN

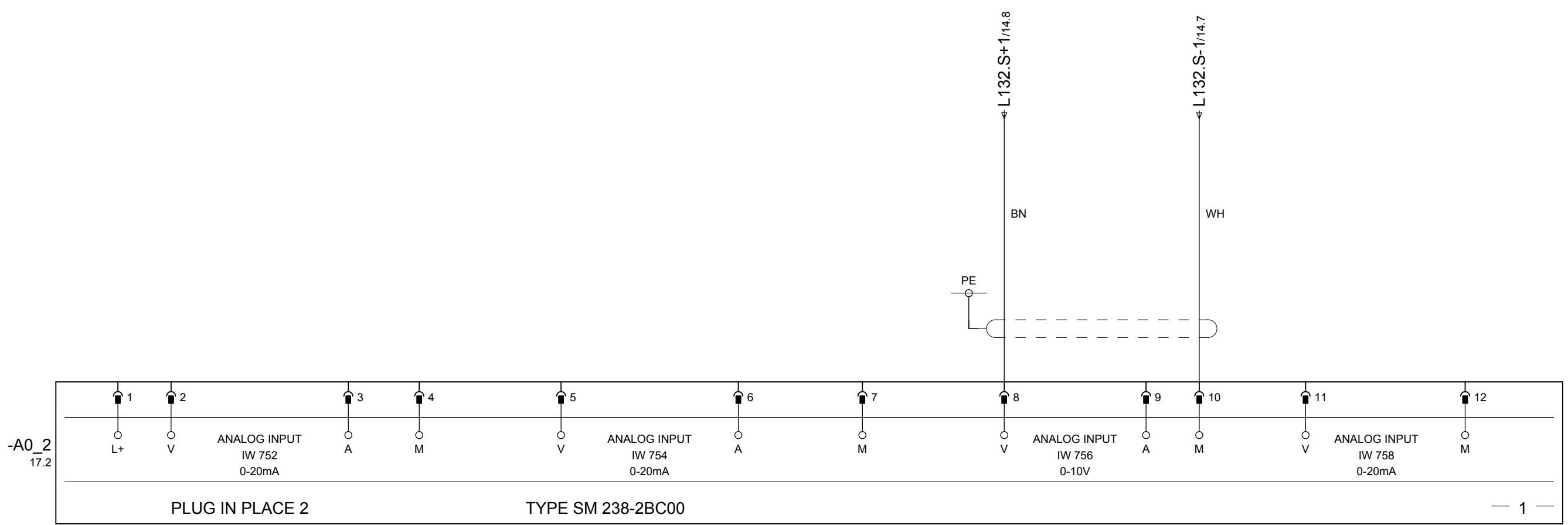
KLEEMANN GMBH	ORIGIN
MOBICAT MC 120 Z EU EPS	REP.F.



CPU STEUERUNG/  
CPU CONTROL SYSTEM

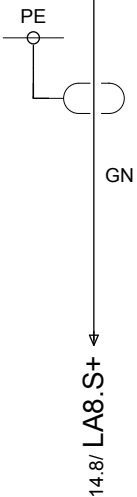
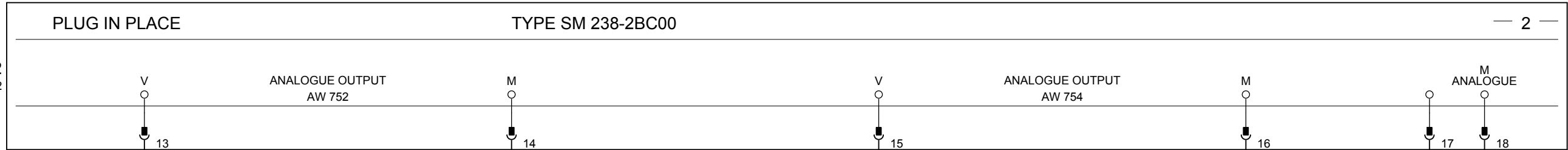
KLEEMANN SERIES	K007	= 100	+
KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 17 PG. 41





SPARE	SPARE	SPARE	SPARE	ACTUAL VALUE FREQUENCY CONVERTER VIBRATING FEEDER 8	SPARE
RESERVE	RESERVE	RESERVE	RESERVE	ISTWERT FREQUENZUMRICHTER AUFGABERINNE 8	RESERVE

DATE		18.Apr.2012		KLEEMANN GMBH		 	ANALOGE EINGAENGE/ ANALOG INPUTS		KLEEMANN SERIES K007		= 100		+	
EDITED		JHE		MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO M10013389_01_EPS		CAE-SYSTEM: EPLAN 5.70		PG. 18	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.				PG. 41		



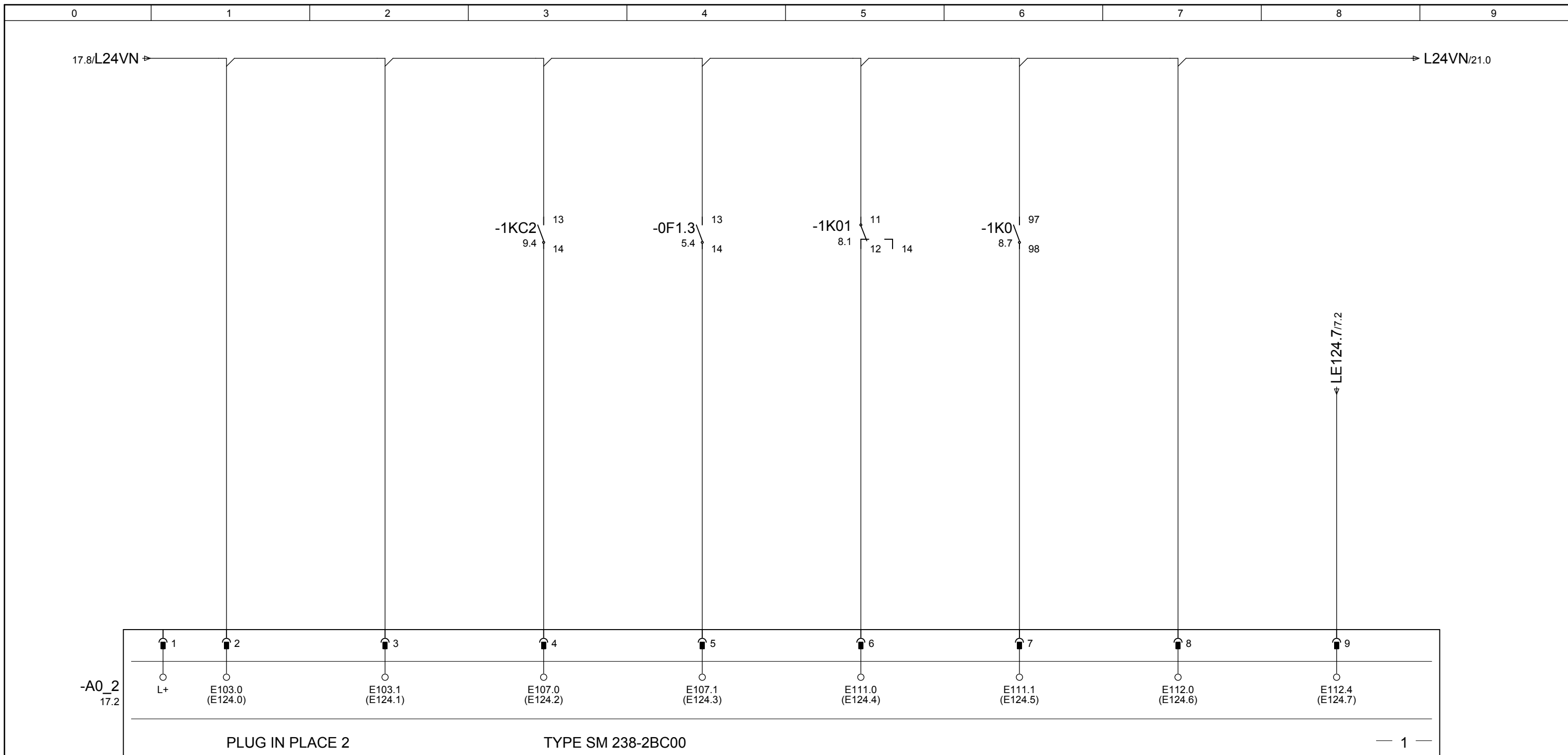
-X00 2

17.8/LO → L0/22.0

SET VALUE  
FREQUENCY CONVERTER  
VIBRATING FEEDER 8  
SOLLWERT  
FREQUENZUMRICHTER  
AUFGABERINNE 8

SPARE  
RESERVE

DATE	18.Apr.2012	KLEEMANN GMBH		 	ANALOGUE AUSGAENGE/ ANALOG OUTPUTS	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 19
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 41	



SPARE

SPARE

CRUSHER  
DELTA CONNECTED

MONITORING OF FUSE  
230V

OVERLOAD CRUSHER

MOTOR PROTECTION  
CRUSHER

SPARE

CONTROL VOLTAGE  
EXIST

RESERVE

RESERVE

BRECHER  
IM DREIECK

SICHERUNGS-  
UEBERWACHUNG 230V

BRECHERUEBERLAST

MOTORSCHUTZ  
BRECHER

RESERVE

STEUERSpannung  
VORHANDEN

DATE		18.Apr.2012		KLEEMANN GMBH			 	DIGITALE EINGAENGE/ DIGITAL INPUTS		KLEEMANN SERIES K007		= 100		+	
EDITED		JHE		MOBICAT MC 120 Z EU EPS						KLEEMANN MATERIAL NO M10013389_01_EPS		CAE-SYSTEM: EPLAN 5.70		PG. 20	
CONTR.		D. MALLKOWSKY											PG. 41		
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								

20.8/L24VN → L24VN/24.0

-2Q1  
10.2

-3Q1  
10.7

-4Q1  
11.2

-5Q1  
11.4

-6Q1  
12.2

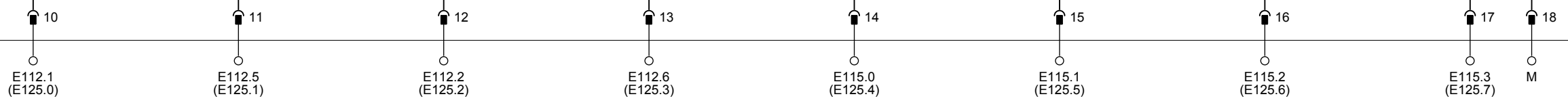
-0Q1  
2.2

-GK61  
37.2

-5Q2  
11.7

-0K1  
7.3

-A0\_2  
17.2



PLUG IN PLACE

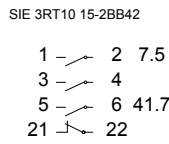
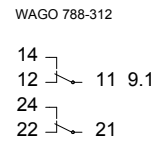
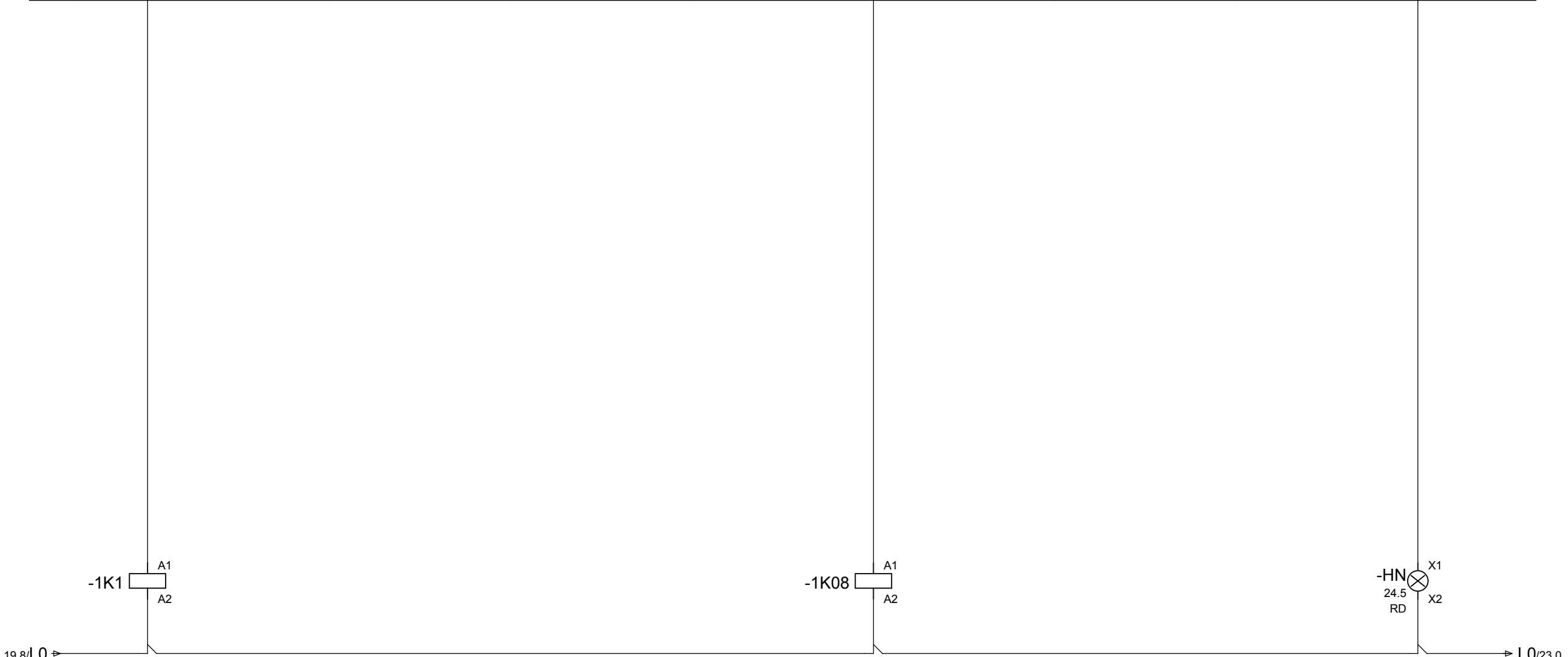
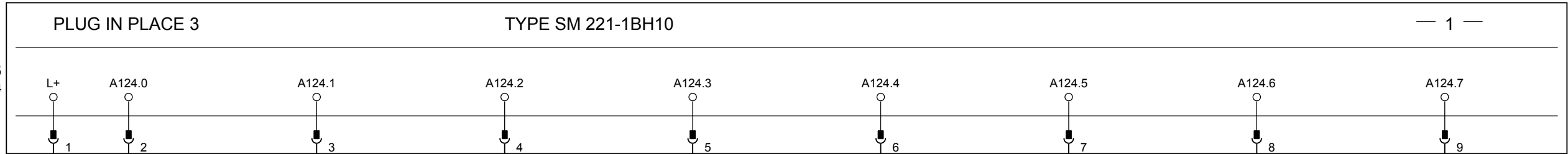
TYPE SM 238-2BC00

— 4 —

MONITORING MOTOR PROTECTION SWITCH  
UEBERWACHUNG MOTORSCHUTZSCHALTER

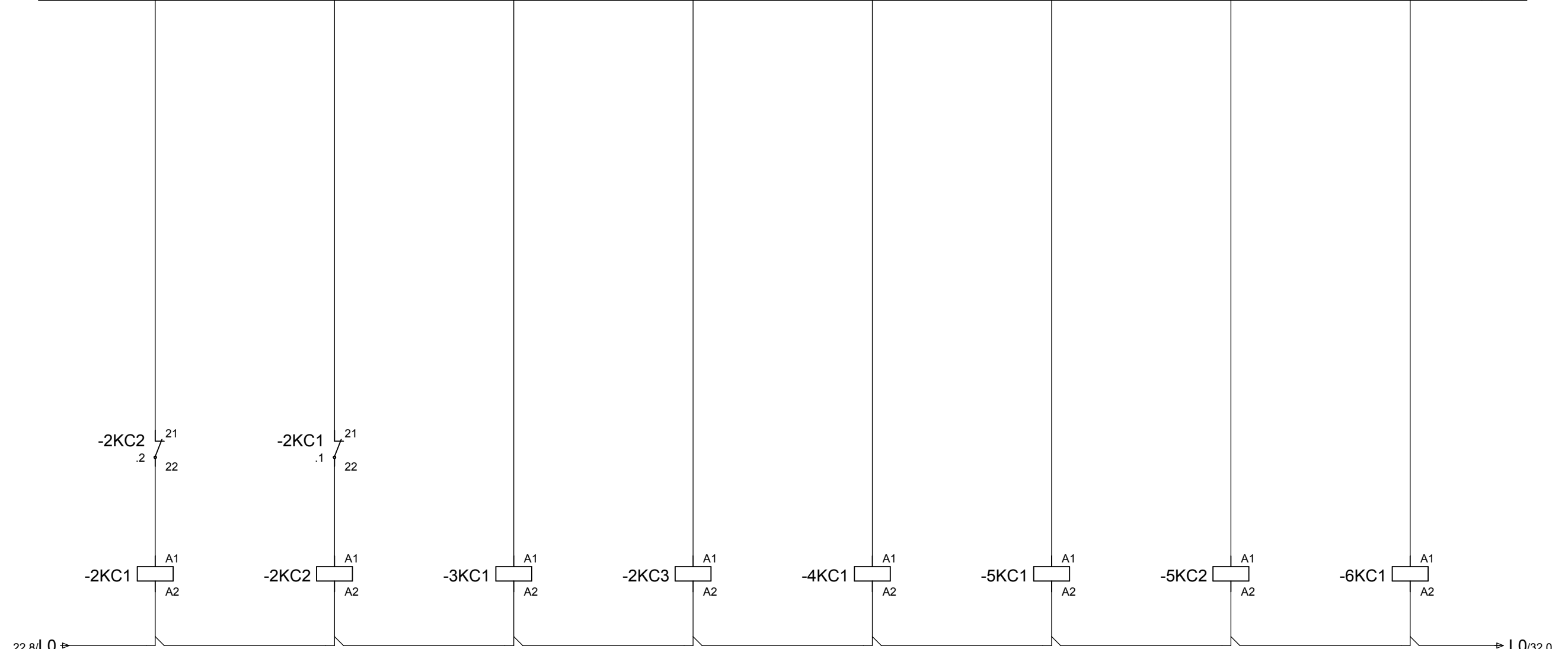
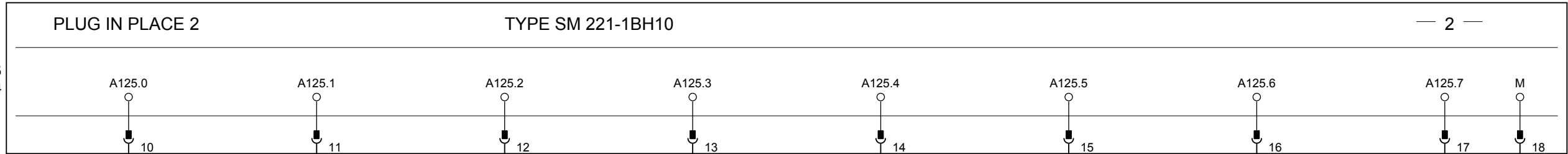
MAGNETIC BELT 2	CONVEYOR BELT 3	CONVEYOR BELT 4	SHAKING CONVEYOR 5	CONVEYOR BELT 6	MAIN SWITCH ON	DIESELMOTOR RUNNING	SPARE
MAGNETBAND 2	FOERDERBAND 3	FOERDERBAND 4	FOERDERRINNE 5	FOERDERBAND 6	HAUPTSCHALTER EIN	DIESELMOTOR LAEUFT	RESERVE

DATE	18.Apr.2012	KLEEMANN GMBH			DIGITALE EINGAENGE/ DIGITAL INPUTS	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 21
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 41	



RELEASING CRUSHER	SPARE	SPARE	SPARE	CONTACTOR COUPLING ON	SPARE	SPARE	EMERGENCY STOP
FREIGABE BRECHER	RESERVE	RESERVE	RESERVE	SCHUETZ FAHRKUPPLUNG	RESERVE	RESERVE	NOT-AUS

DATE	18.Apr.2012	KLEEMANN GMBH				DIGITALE AUSGAENGE	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				DIGITAL OUTPUTS A 124.0 - A 124.7	KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	41

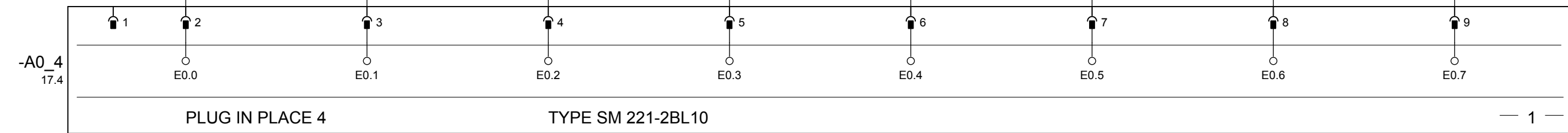
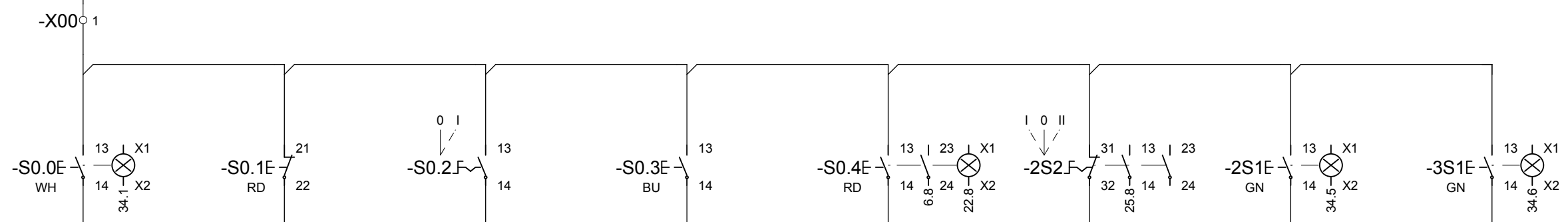


SIE 3RT10 15-2BB42	SIE 3RT10 15-2BB42	SIE 3RT10 17-2BB41	SIE 3RT10 26-3BB40	SIE 3RT10 34-3BB40	SIE 3RT10 16-2BB41	SIE 3RT10 16-2BB41	SIE 3RT10 17-2BB41
1 → 2 10.1 3 → 4 10.1 5 → 6 10.1 21 → 22 .2	1 → 2 10.2 3 → 4 10.2 5 → 6 10.2 21 → 22 .1	1 → 2 10.7 3 → 4 10.7 5 → 6 10.7 13 → 14	1 → 2 10.4 3 → 4 10.4 5 → 6 10.4	1 → 2 11.1 3 → 4 11.1 5 → 6 11.1	1 → 2 11.4 3 → 4 11.4 5 → 6 11.4 13 → 14	1 → 2 11.7 3 → 4 11.7 5 → 6 11.7 13 → 14	1 → 2 12.1 3 → 4 12.1 5 → 6 12.1 13 → 14

MAGNETIC BELT 2 LEFT/RIGHT	MAGNETIC BELT 2 RIGHT	CONVEYOR BELT 3	MAGNET	CONVEYOR BELT 4	VIBRATING CHUTE/ CRUSHER 5 M1	VIBRATING CHUTE/ CRUSHER 5 M2	CONVEYOR BELT 6
MAGNETBAND 2 LINKS	MAGNETBAND 2 RECHTS	FOERDERBAND 3	MAGNET	FOERDERBAND 4	FOERDERRINNE 5 M1	FOERDERRINNE 5 M2	FOERDERBAND 6

DATE	18.Apr.2012	KLEEMANN GMBH				DIGITALE AUSGAENGE	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				DIGITAL OUTPUTS A 125.0 - A 125.7/	KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.	DIGITAL OUTPUTS A 125.0 - A 125.7				PG.	41

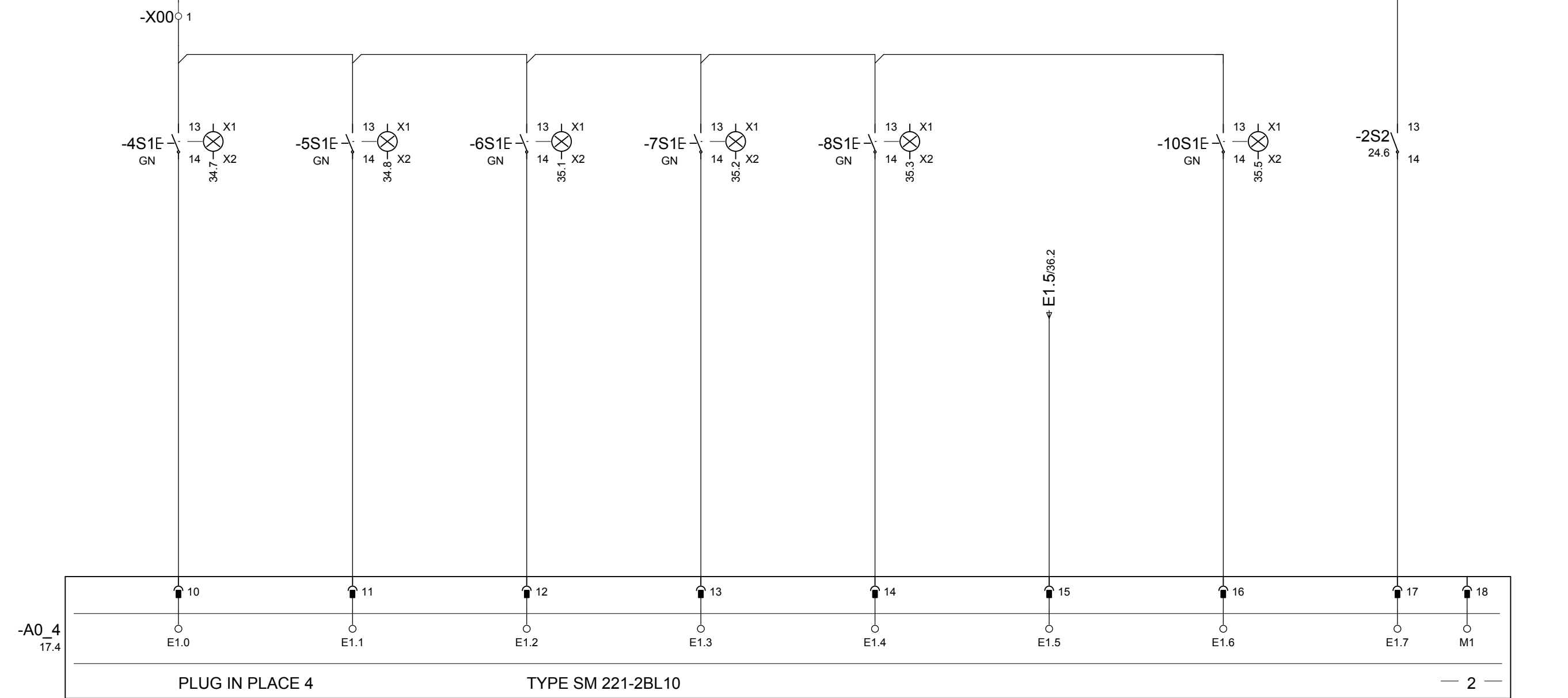
21.8/L24VN → L24VN/25.0



INSTALLATION ON	INSTALLATION OFF	AUTO/MANUAL	LAMP TEST	EMERGENCY STOP RESET	MAGNETIC BELT 2 LEFT	MAGNETIC BELT 2 ON/OFF	CONVEYOR BELT 3 ON/OFF
ANLAGE EIN	ANLAGE AUS	AUTO/HAND	LAMPENTEST	NOT-AUS STOERUNG QUITTIEREN	MAGNETBAND 2 LINKS	MAGNETBAND 2 EIN/AUS	FOERDERBAND 3 EIN/AUS

DATE	18.Apr.2012	KLEEMANN GMBH				DIGITALE EINGAENGE E 0.0 - E 0.7/ DIGITAL INPUTS E 0.0 - E 0.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	24
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	41

24.8/L24VN → L24VN/26.0



CONVEYOR BELT 4  
ON/OFF  
FOERDERBAND 4  
EIN/AUS

VIBRATING CHUTE/  
CRUSHER 5  
ON/OFF  
FOERDERRINNE 5  
EIN/AUS

CONVEYOR BELT 6  
ON/OFF  
FOERDERBAND 6  
EIN/AUS

VIBRATING SCREEN 7  
ON/OFF  
VIBRATIONSSIEB 7  
EIN/AUS

VIBRATING FEEDER 8  
ON/OFF  
AUFGABERINNE 8  
EIN/AUS

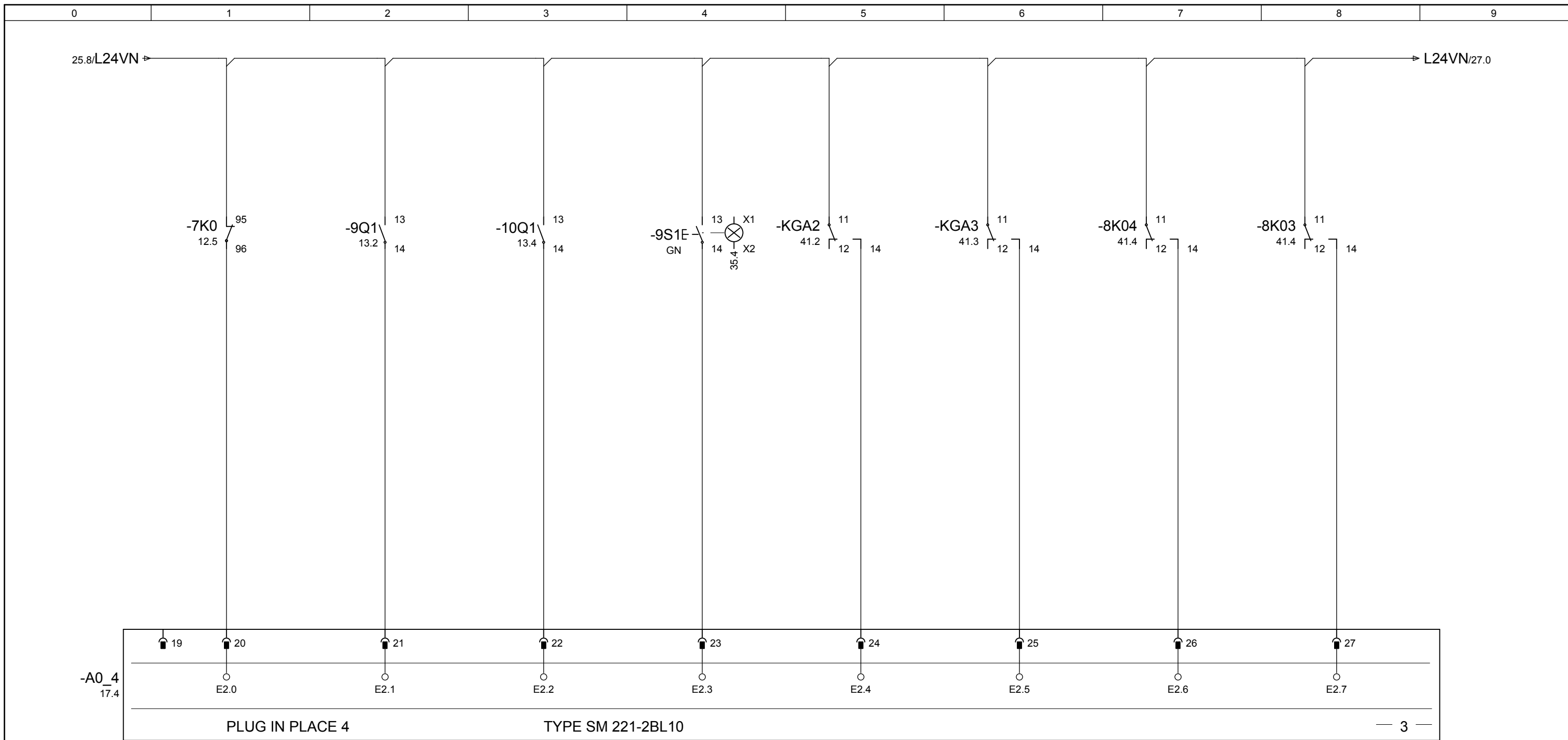
LIGHT BARRIER  
LICHTSCHRANKE

WATERPUMP 10  
ON/OFF  
WASSERPUMPE 10  
EIN/AUS

MAGNETIC BELT 2  
RIGHT  
MAGNETBAND 2  
RECHTS

DATE	18.Apr.2012	KLEEMANN GMBH		 	DIGITALE EINGAENGE E 1.0 - E 1.7/ DIGITAL INPUTS E 1.0 - E 1.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	25
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41





TEMPERATURE  
VIBRATING SCREEN 7

TEMPERATUR  
VIBRATIONSSIEB 7

MOTOR PROTECTION  
HYDRAULIC

MOTORSCHUTZ  
HYDRAULIK

MOTOR PROTECTION  
WATERPUMP

MOTORSCHUTZ  
WASSERPUMPE

HYDRAULIC

HYDRAULIK

VIBRATING CHUTE  
+SCREEN ON  
(REMOTE)

RINNE+SIEB  
EIN  
(FUNK)

VIBRATING CHUTE  
+SCREEN OFF  
(REMOTE)

RINNE+SIEB  
AUS  
(FUNK)

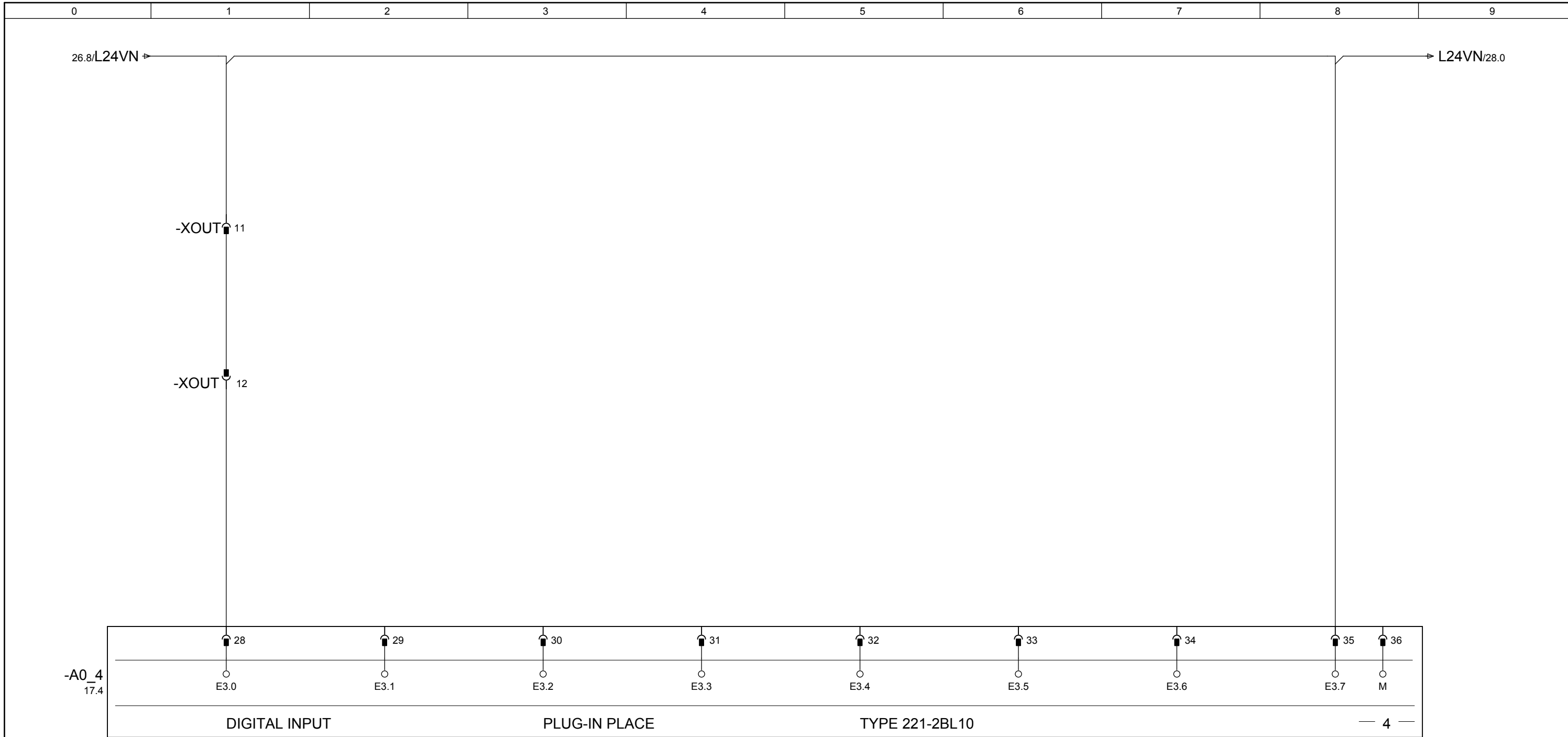
VIBRATING CHUTE  
SLOWER  
(RADIO)

RINNE  
LANGSAMER  
(FUNK)

VIBRATING CHUTE  
FASTER  
(RADIO)

RINNE  
SCHNELLER  
(FUNK)

DATE	18.Apr.2012	KLEEMANN GMBH		 	DIGITAL EINGAENGE E 2.0 - E 2.7/ DIGITAL INPUTS E 2.0 - E 2.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG. 41



-A0\_4  
17.4

LOCKING  
CONVEYOR BELT 2  
  
VERRIEGELUNG  
FOERDERBAND 2

SPARE  
  
RESERVE

SPARE  
  
RESERVE

SPARE  
  
RESERVE

SPARE  
  
RESERVE

SPARE  
  
RESERVE

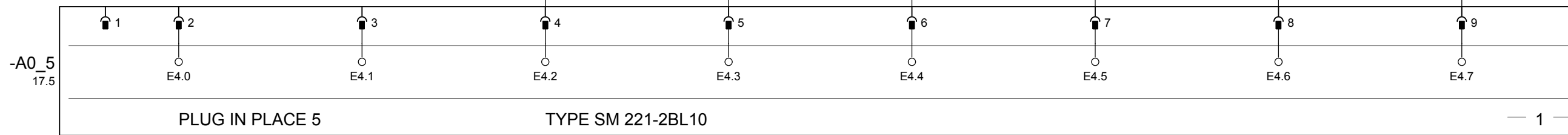
SPARE  
  
RESERVE

SPARE  
  
RESERVE

— 4 —

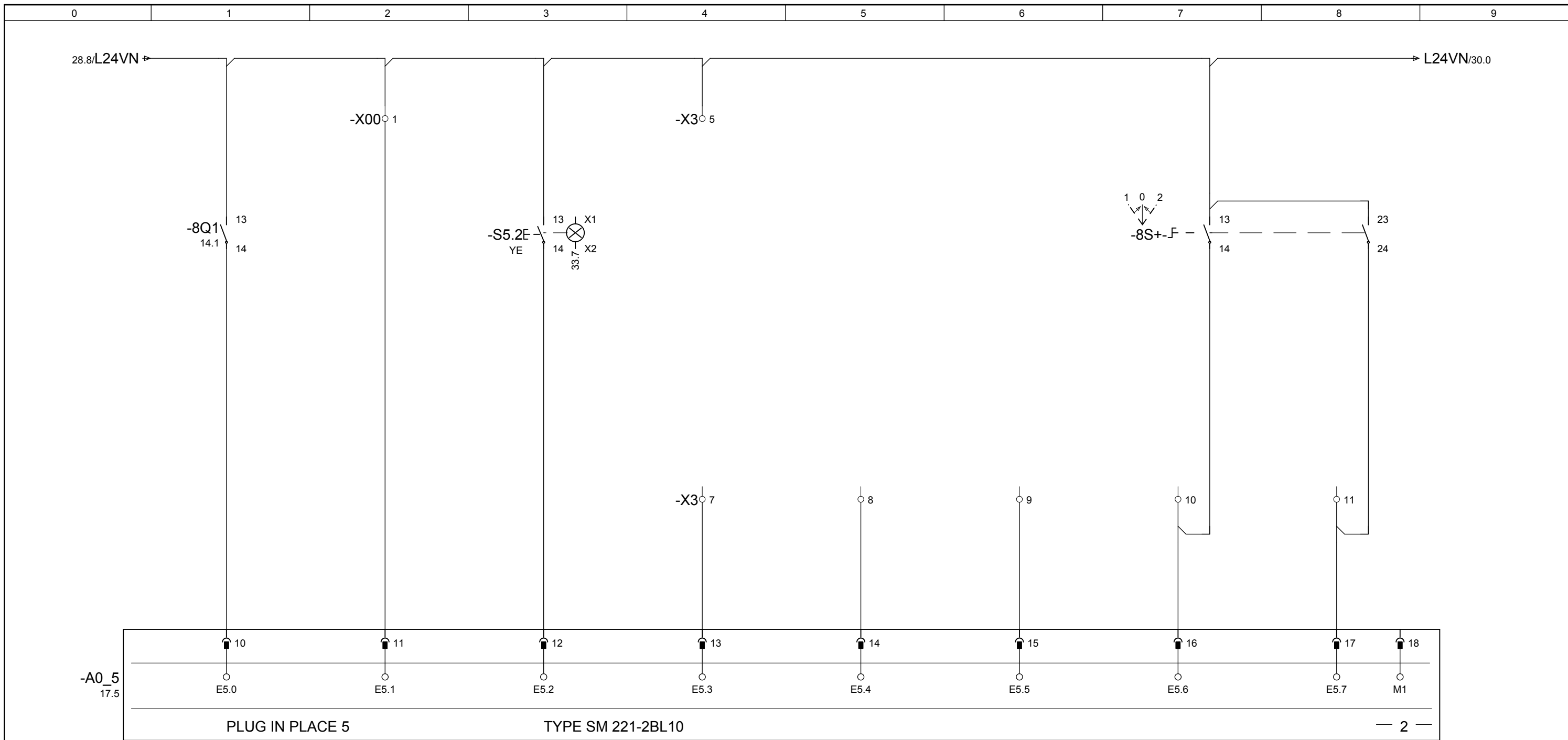
DATE	18.Apr.2012	KLEEMANN GMBH		 	DIGITAL EINGAENGE E 3.0 - E 3.7/ DIGITAL INPUTS E 3.0 - E 3.7	KLEEMANN SERIES	K007	= 100	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	27	
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	41

27.9/L24VN → L24VN/29.0



SPARE	SPARE	TEMPERATURE MONITORING CONVEYOR BELT 4	MOTOR PROTECTION PRESSURE BURDEN	TEMP. MONITORING VIBRATING CHUTE/ CRUSHER 5	TEMP. MONITORING VIBRATING FEEDER 8	MOTOR PROTECTION VIBRATING FEEDER 8	MOTOR PROTECTION VIBRATING FEEDER 8
RESERVE	RESERVE	TEMP.-UEBERWACHUNG FOERDERBAND 4	MOTORSCHUTZ UEBERDRUCK	TEMP.-UEBERWACHUNG FOERDERRINNE 5	TEMP.-UEBERWACHUNG AUFGABERINNE 8	MOTORSCHUTZ AUFGABERINNE 8	MOTORSCHUTZ AUFGABERINNE 8

DATE	18.Apr.2012	KLEEMANN GMBH				DIGITAL EINGAENGE E 4.0 - E 4.7/ DIGITAL INPUTS E 4.0 - E 4.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	28
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	41



VIBRATING FEEDER  
FREQUENCY CONVERTER/  
MAIN  
AUFGABERINNE  
FU/NETZ

SPARE  
RESERVE

COUPLING  
ON/OFF  
KUPPLUNG  
EIN/AUS

SPARE  
RESERVE

SPARE  
RESERVE

SPARE  
RESERVE

VIBRATING FEEDER 8  
+  
AUFGABERINNE 8  
+

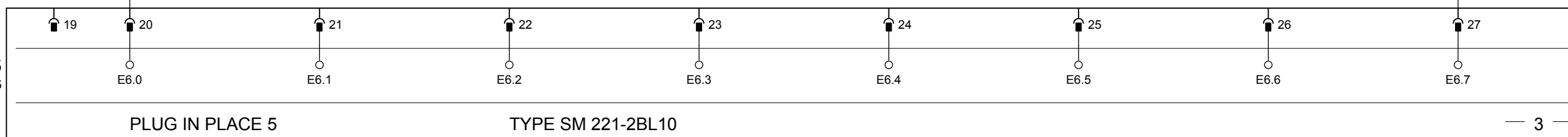
VIBRATING FEEDER 8  
-  
AUFGABERINNE 8  
-

DATE	18.Apr.2012	KLEEMANN GMBH			<b>Kleemann</b> DIGITALE EINGAENGE E 5.0 - E 5.7/ DIGITAL INPUTS E 5.0 - E 5.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.
MODIFICAT.	DATE	NAME	NORM	DIN					41

29.8/L24VN → L24VN/31.0

LE6.0/14.8

-A0\_5  
17.5



MALFUNCTION  
FREQUENCY CONVERTER  
VIBRATING FEEDER 8  
STOERUNG FU  
AUFGABERINNE 8

SPARE  
RESERVE

SPARE  
RESERVE

SPARE  
RESERVE

SPARE  
RESERVE

SPARE  
RESERVE

SPARE  
RESERVE

SPARE  
(FLOW GUARD)  
RESERVE  
(STROEMUNGSWAECHTER)

— 3 —

DATE	18.Apr.2012	KLEEMANN GMBH		 	DIGITALE AUSGAENGE A 6.0 - A 6.7/ DIGITAL OUTPUTS A 6.0 - A 6.7	KLEEMANN SERIES	K007	= 100	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	30	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		PG.	41

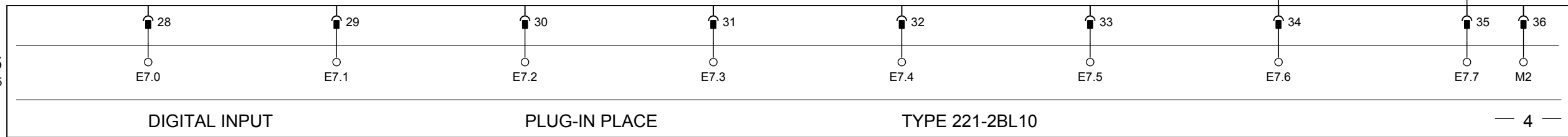
30.8/L24VN → L24VN/36.0

-XOUT 7

-GK26 11  
38.2 12 14

-XOUT 8

-A0\_5  
17.5



SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

OVERLOAD  
REMOVAL

PREWARNING  
OIL TEMPERATUR

RESERVE

RESERVE

RESERVE

RESERVE

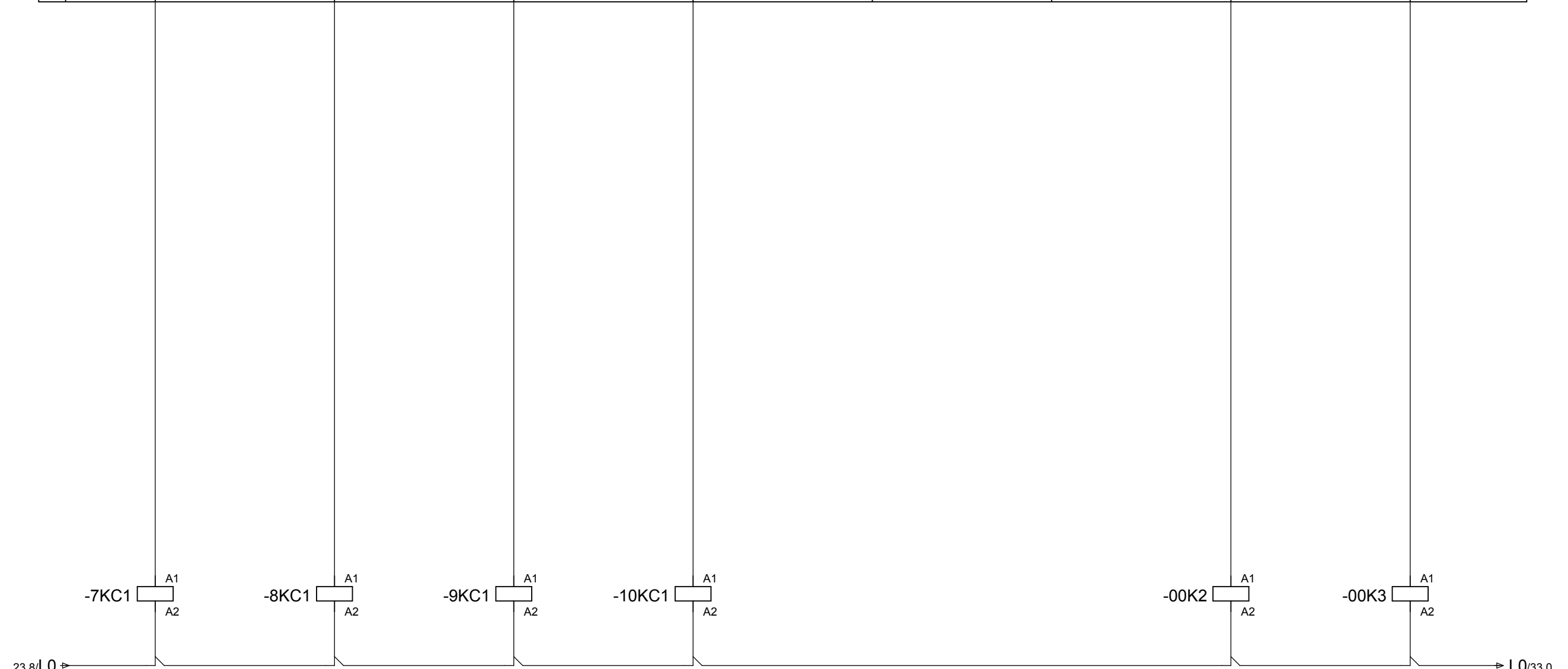
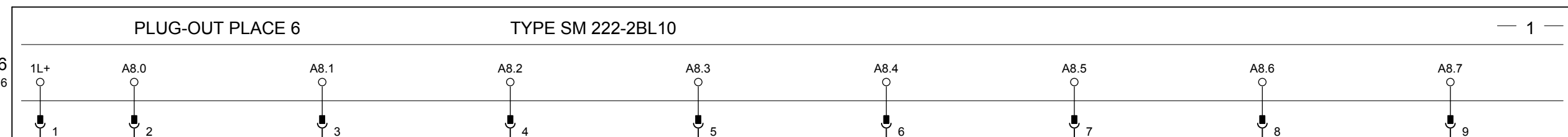
RESERVE

RESERVE

UEBERLAST  
ABFOERDERUNG

VORWARNUNG  
OELTEMPERATUR

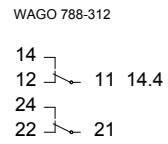
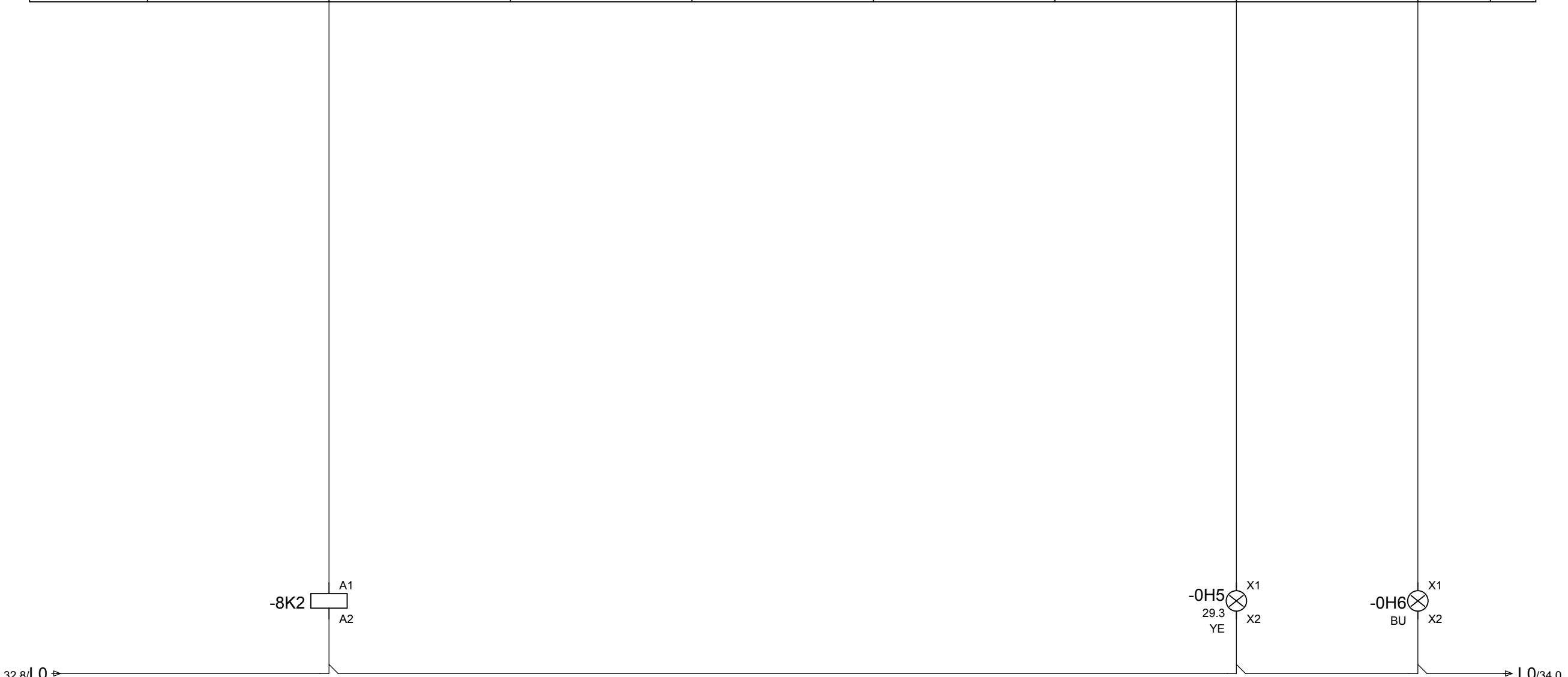
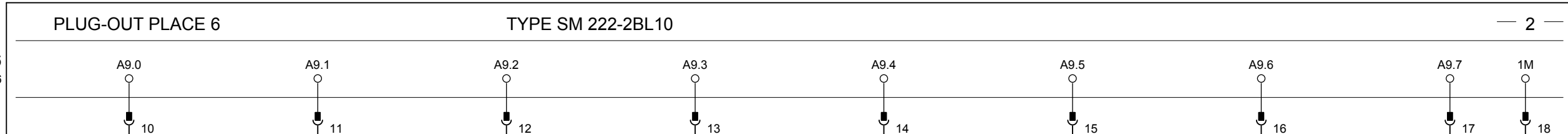
DATE	18.Apr.2012	KLEEMANN GMBH			 	DIGITALE AUSGAENGE A 7.0 - A 7.7/ DIGITAL OUTPUTS A 7.0 - A 7.7	KLEEMANN SERIES	K007	= 100	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	31
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.						PG.	41
MODIFICAT.	DATE	NAME	NORM	DIN							



SIE 3RT10 34-3BB40	SIE 3RT10 34-3BB40	SIE 3RT10 17-2BB41	SIE 3RT10 15-2BB41	WAGO 788-312	WAGO 788-312
1 → 2 12.4 3 → 4 12.4 5 → 6 12.4	1 → 2 14.2 3 → 4 14.2 5 → 6 14.3	1 → 2 13.1 3 → 4 13.1 5 → 6 13.1 13 → 14	1 → 2 13.4 3 → 4 13.4 5 → 6 13.5 13 → 14	14 → 11 7.8 12 → 21 24 → 21	14 → 11 7.8 12 → 21 24 → 21

VIBRATING SCREEN 7	VIBRATING FEEDER 8	HYDRAULIC 9	WATERPUMP 10	SPARE	SPARE	HOOTER	FLASHING LIGHT
VIBRATIONSSIEB 7	AUFGABERINNE 8	HYDRAULIK 9	WASSERPUMPE 10	RESERVE	RESERVE	HUPE	BLINKLICHT

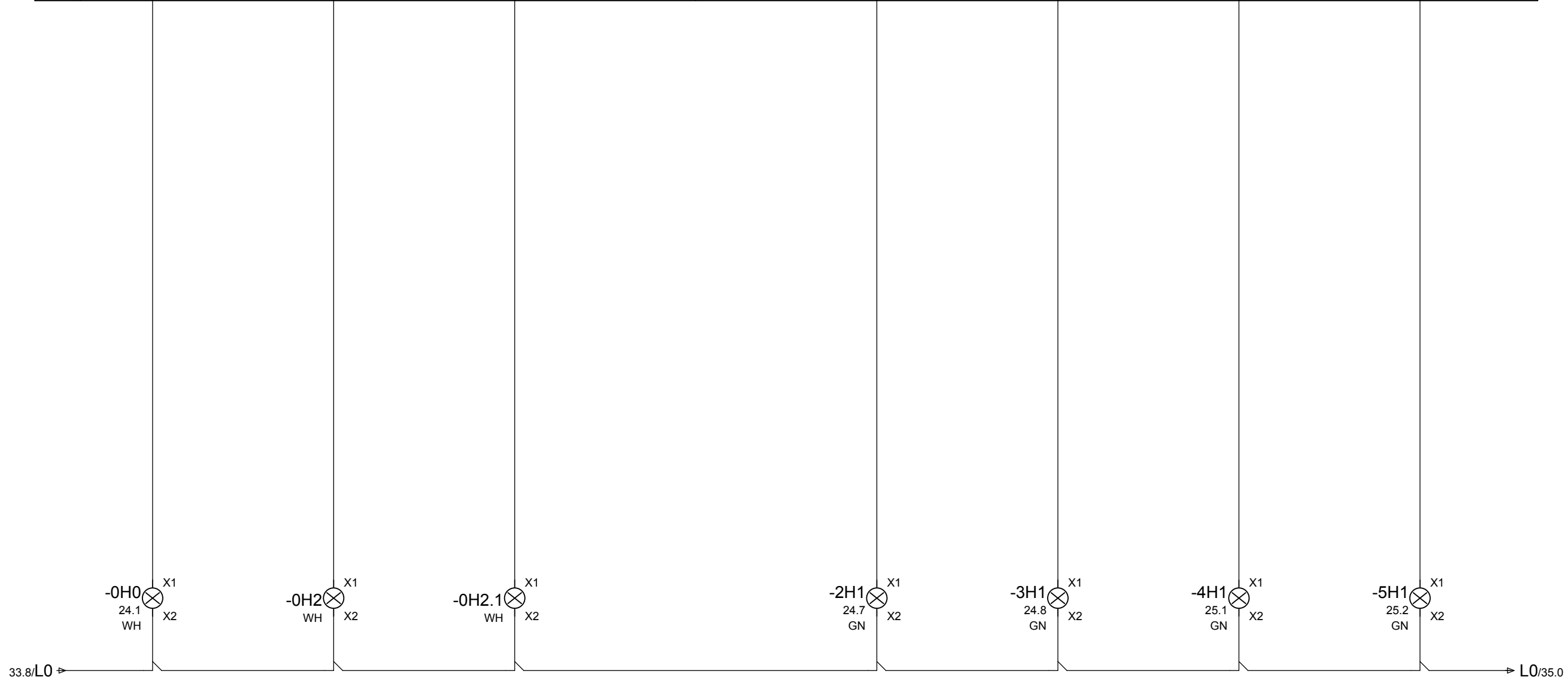
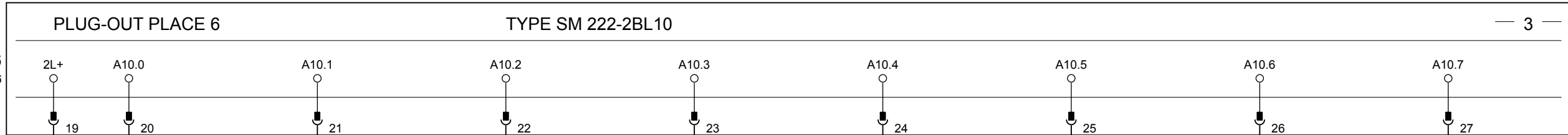
DATE	18.Apr.2012	KLEEMANN GMBH			DIGITALE EINGAENGE E 8.0 - E 8.7/ DIGITAL INPUTS E 8.0 - E 8.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	32
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41



SPARE	START (RELEASING) FREQU. CONV. VIBRATING FEEDER 8	SPARE	SPARE	SPARE	SPARE	COUPLING ENGAGED	START-UP RELEASE
RESERVE	START (FREIGABE) FU AUFGABERINNE 8	RESERVE	RESERVE	RESERVE	RESERVE	KUPPLUNG EINGERUECKT	ANLAUFFREIGABE

DATE	18.Apr.2012	KLEEMANN GMBH				DIGITALE EINGAENGE E 9.0 - E 9.7/ DIGITAL INPUTS E 9.0 - E 9.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	33
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	41





INSTALLATION ON

AUTOMATIC OPERATION

MANUAL OPERATION

SPARE

CONVEYOR BELT 2  
ON/OFF

MAGNETIC BELT 3  
ON/OFF

CONVEYOR BELT 4  
ON/OFF

VIBRATING CHUTE/  
CRUSHER 5  
ON/OFF

ANLAGE EIN

AUTOMATIKBETRIEB

HANDBETRIEB

RESERVE

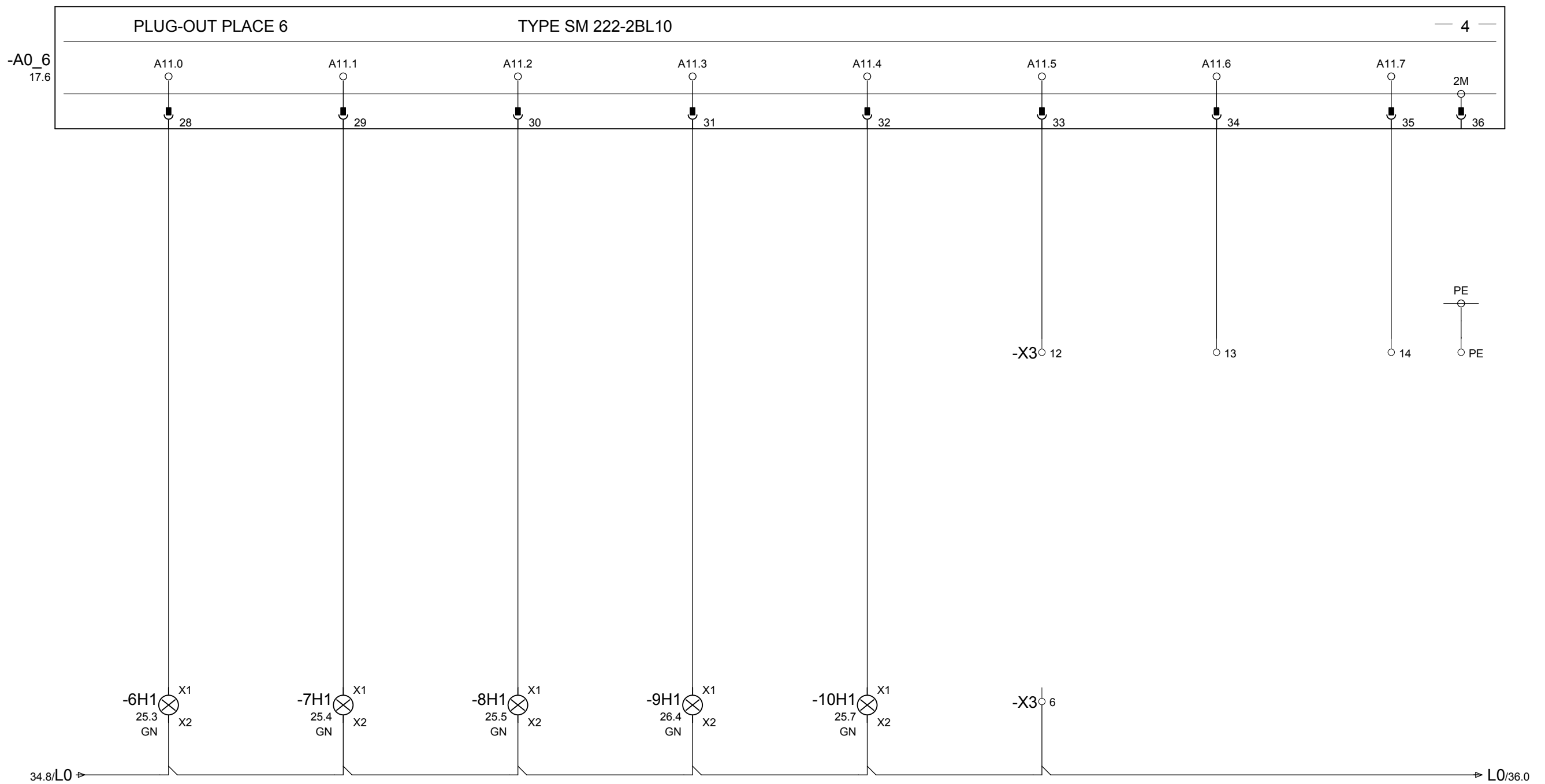
FOERDERBAND 2  
EIN/AUS

MAGNETBAND 3  
EIN/AUS

FOERDERBAND 4  
EIN/AUS

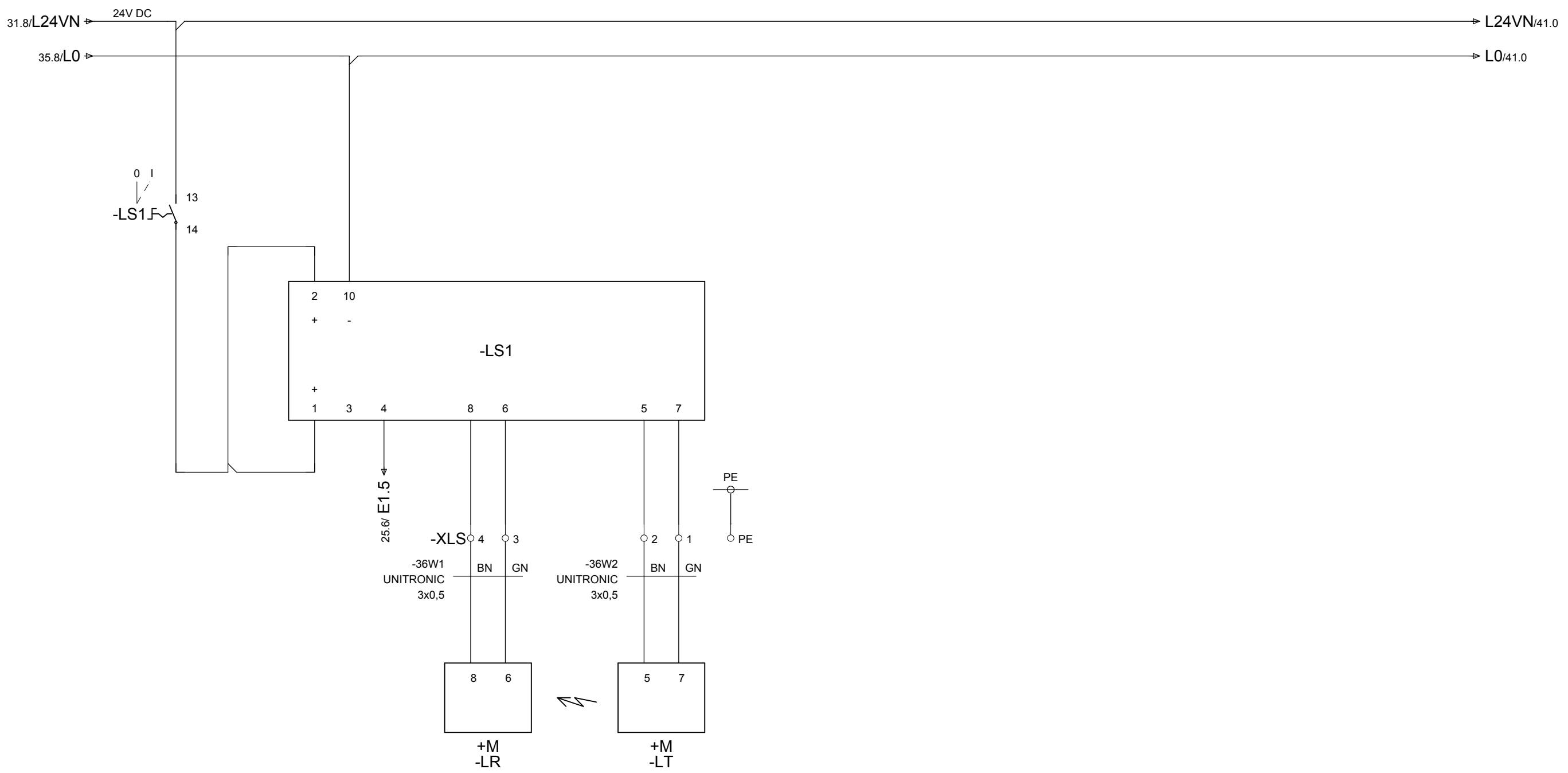
FOERDERRINNE 5  
EIN/AUS

DATE	18.Apr.2012	KLEEMANN GMBH		 	DIGITALE AUSGAENGE A 10.0 - A 10.7/ DIGITAL OUTPUTS A 10.0 - A 10.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	34
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41



MAGNETIC BELT 6 ON/OFF	CONVEYOR BELT 7 ON/OFF	VIBRATING FEEDER 8 ON/OFF	CONVEYOR BELT 9 ON/OFF	VIBRATING FEEDER 10 ON/OFF	SPARE	SPARE	SPARE
MAGNETBAND 6 EIN/AUS	FOERDERBAND 7 EIN/AUS	AUFGABERINNE 8 EIN/AUS	FOERDERBAND 9 EIN/AUS	AUFGABERINNE 10 EIN/AUS	RESERVE	RESERVE	RESERVE

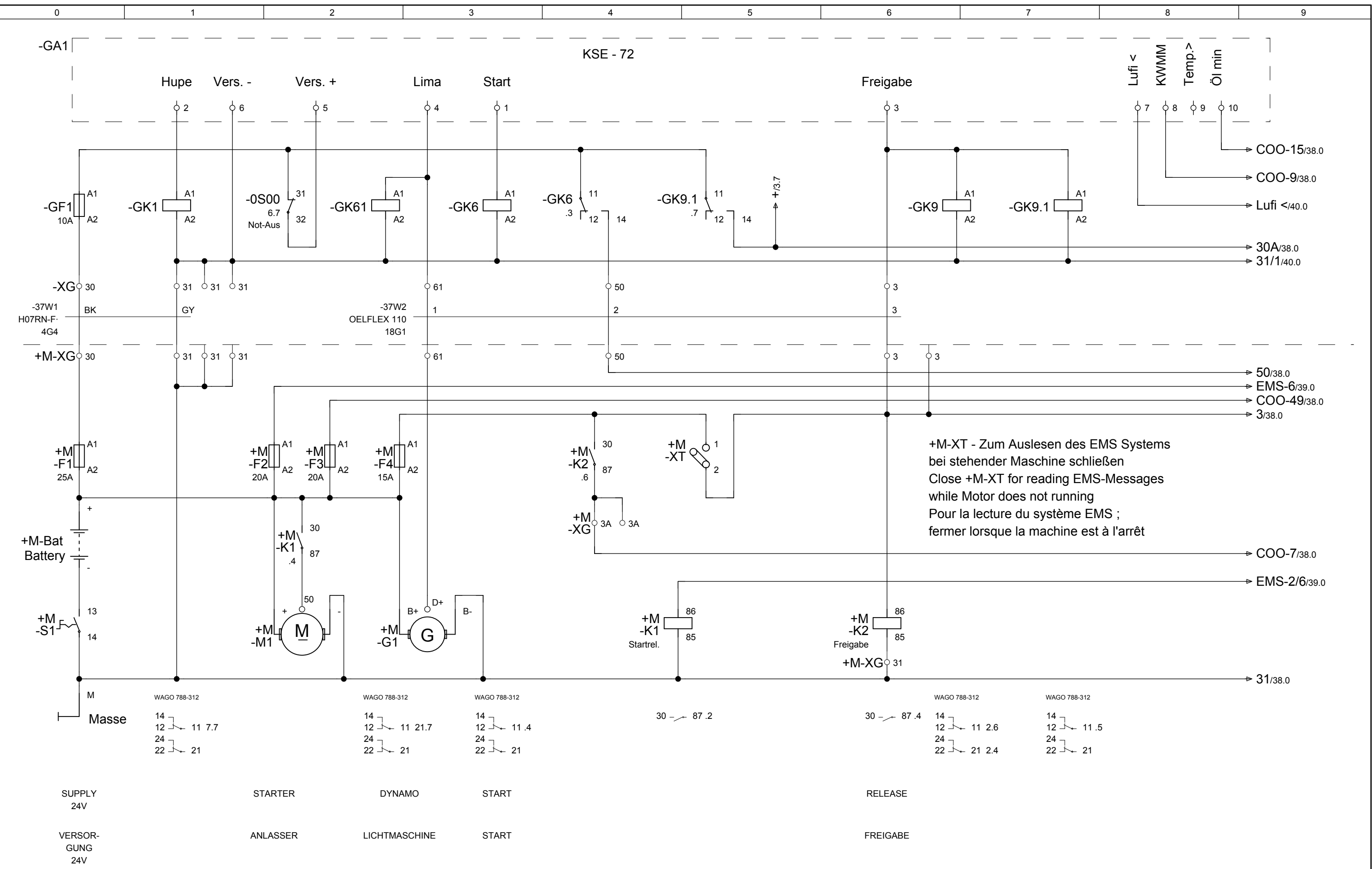
DATE	18.Apr.2012	KLEEMANN GMBH		 	DIGITALE AUSGAENGE A 11.0 - A 11.7/ DIGITAL OUTPUTS A 11.0 - A 11.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	35
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41



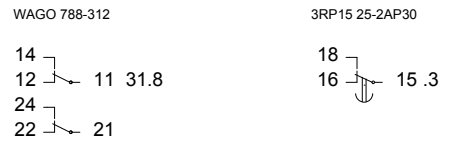
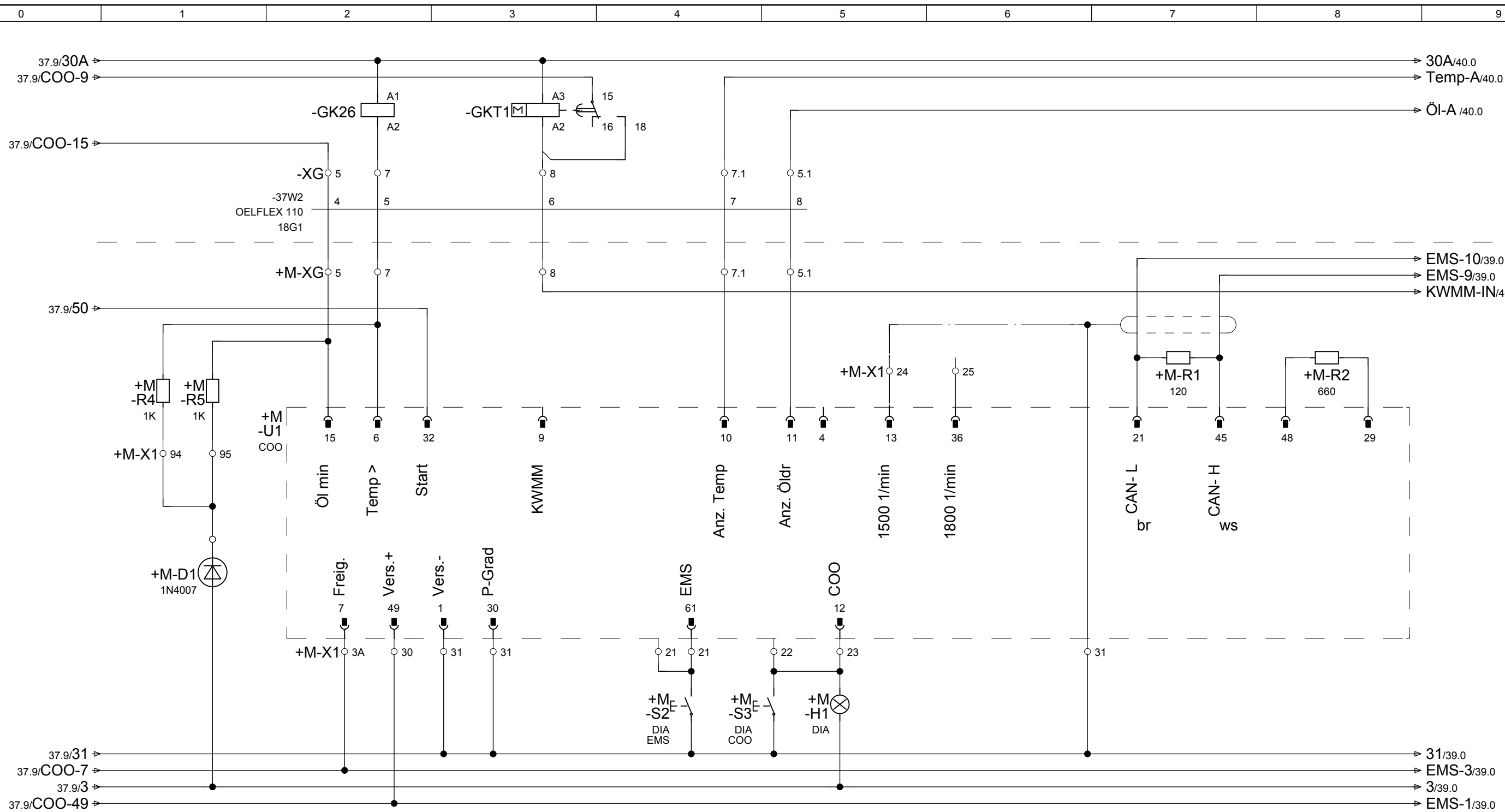
LIGHT BARRIER CRUSHER

LICHTSCHRANKE BRECHER

DATE	18.Apr.2012	KLEEMANN GMBH		 	LICHTSCHRANKE BRECHER/ LIGHT BARRIER CRUSHER	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41



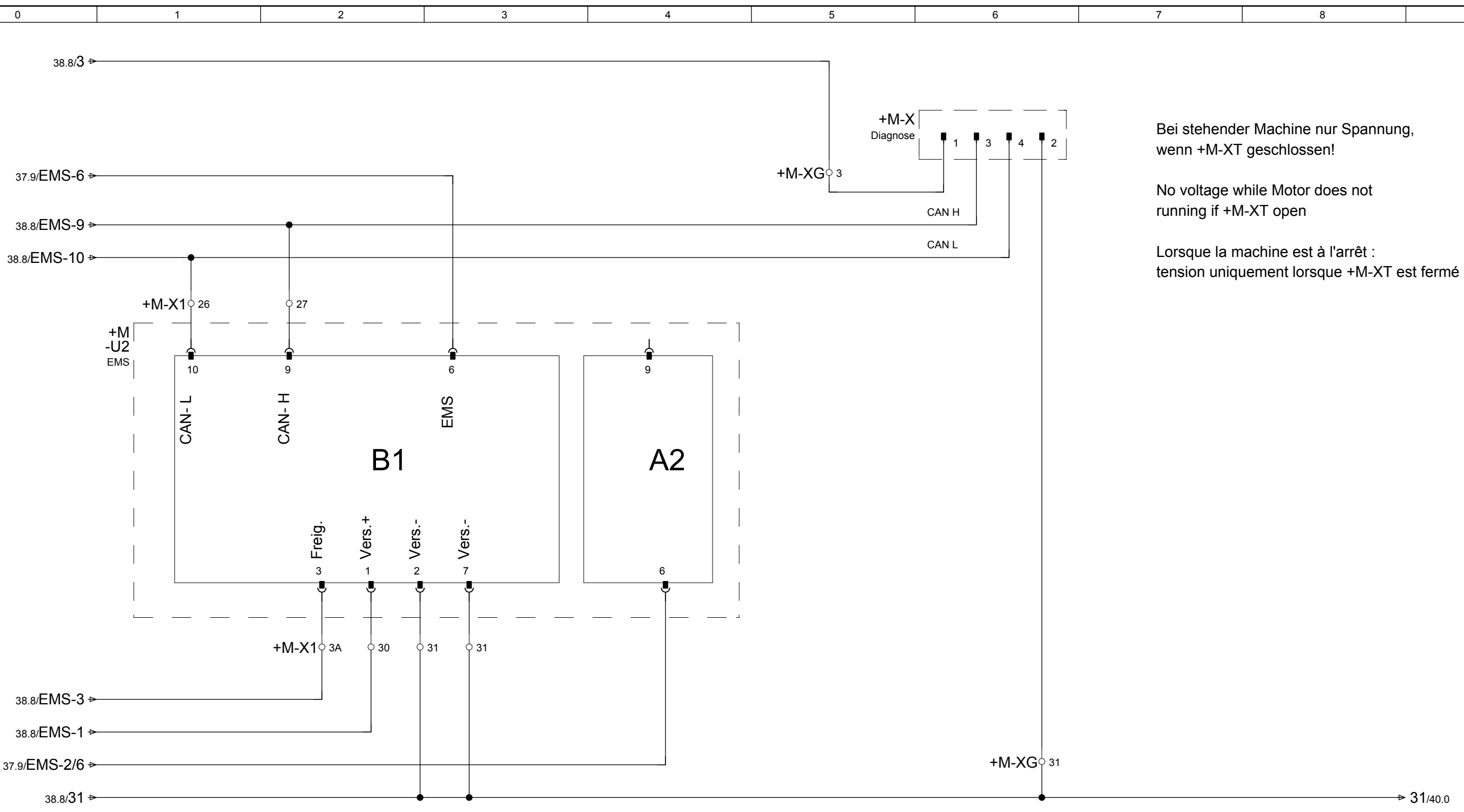
DATE	18.Apr.2012	KLEEMANN GMBH		<b>Kleemann</b>	MOTORUEBERWACHUNG/ MOTOR CONTROLLING	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG. 41



PREWARNING  
OVERTEMPERATURE  
VORWARNUNG  
UEBERTEMPERATUR

COOLING WATER  
LOW LEVEL  
KUEHLWASSER-  
MANGEL

DATE		18.Apr.2012		KLEEMANN GMBH		<b>Kleemann</b> GROUP	KOORDINATOR/ COORDINATOR		KLEEMANN SERIES		K007		= 100		+	
EDITED		JHE		MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO		M10013389_01_EPS		CAE-SYSTEM: EPLAN 5.70		PG. 38	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 41		
CONTR.		D. MALLKOWSKY														



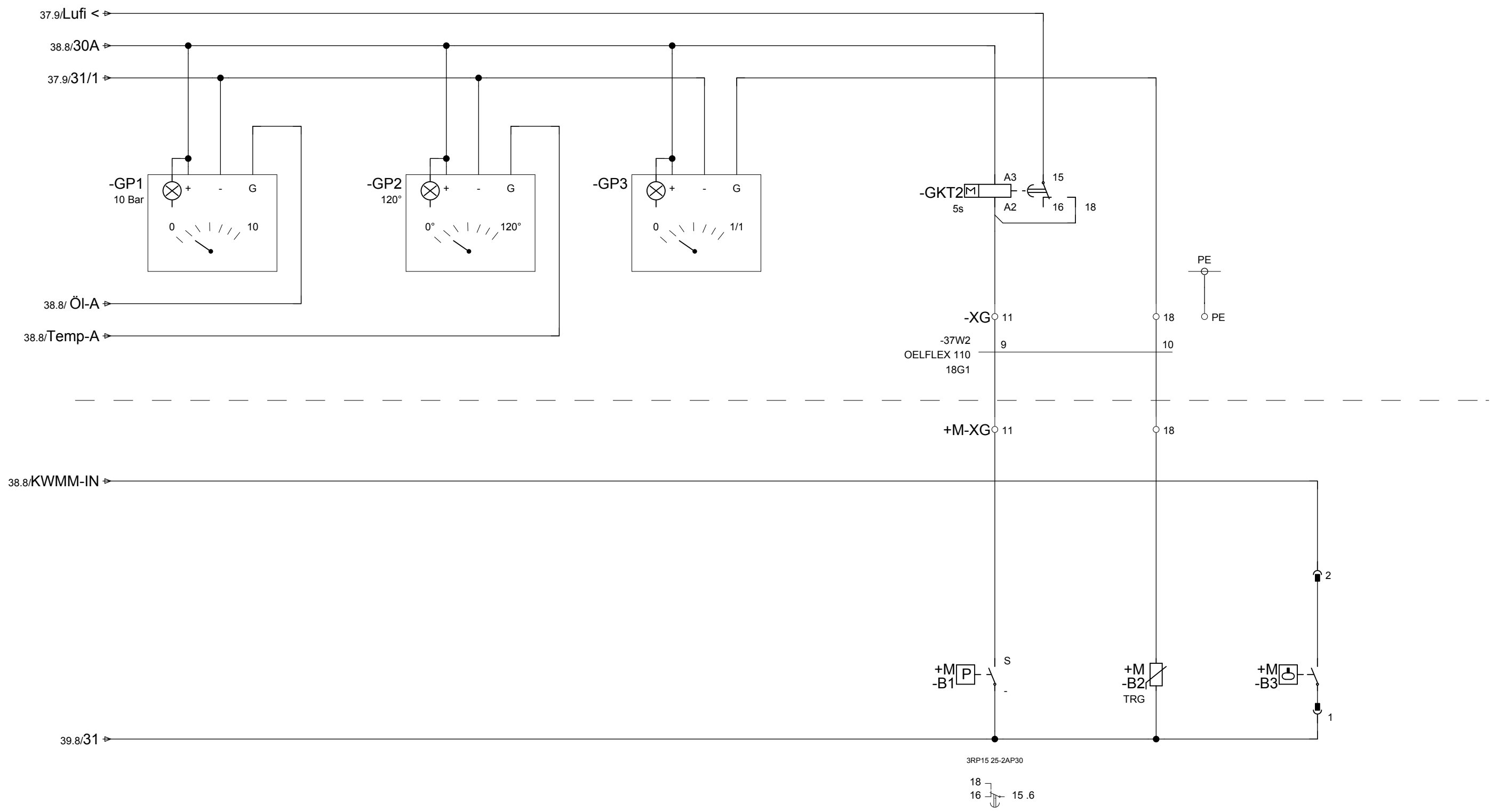
DIAGNOSTIC  
DIAGNOSESTECKER

Bei stehender Maschine nur Spannung,  
wenn +M-XT geschlossen!

No voltage while Motor does not  
running if +M-XT open

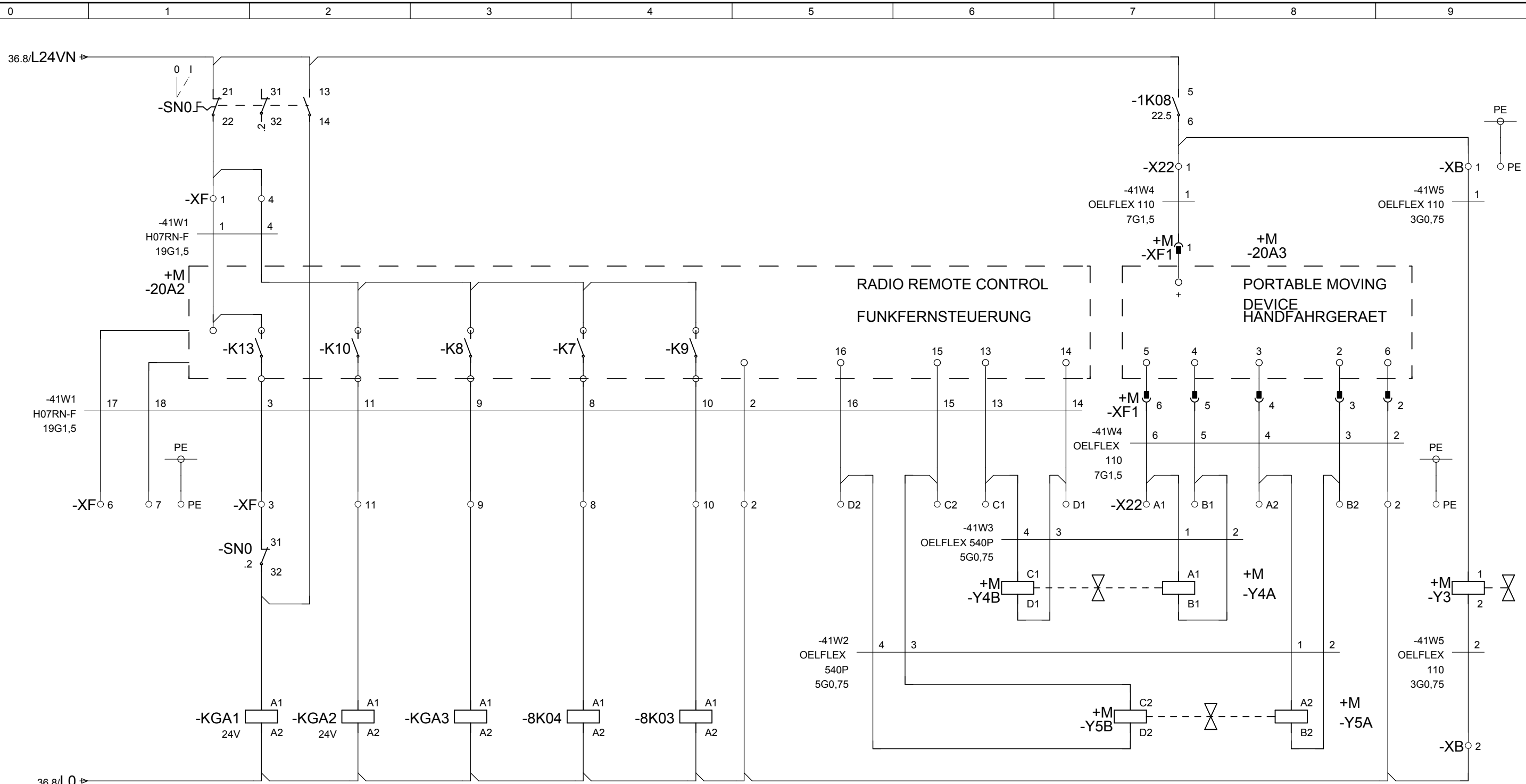
Lorsque la machine est à l'arrêt :  
tension uniquement lorsque +M-XT est fermé

DATE		18.Apr.2012		KLEEMANN GMBH		 	EMS		KLEEMANN SERIES		K007		= 100		+	
EDITED		JHE		MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO		M10013389_01_EPS		CAE-SYSTEM: EPLAN 5.70		PG. 39	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 41		



OIL PRESSURE	TEMPERATURE	FUEL LEVEL	AIR FILTER PLUGGES	FUEL LEVEL	COOLING WATER LOW LEVEL
OELDRUCK	TEMPERATUR	TANKINHALT	LUFTFILTER VERSCHMUTZT	TANKINHALT	KUEHLWASSER-MANGEL

DATE	18.Apr.2012	KLEEMANN GMBH		<b>Kleemann</b>	BETRIEBSINSTRUMENTE/ OPERATIONAL INSTRUMENTS	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 40
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 41	



SIE 3RH11 22-2BB40	WAGO 788-312	WAGO 788-312	WAGO 788-312	WAGO 788-312
13 → 14 6.5 21 → 22 31 → 32 43 → 44 6.6	14 → 11 26.5 12 → 11 26.5 24 → 21	14 → 11 26.6 12 → 11 26.6 24 → 21	14 → 11 26.7 12 → 11 26.7 24 → 21	14 → 11 26.8 12 → 11 26.8 24 → 21

INSTALLATION OFF (RADIO) ANLAGE AUS (FUNK)	VIBRATING CHUTE + SCREEN ON(REMOTE) RINNE + SIEB EIN (FUNK)	VIBRATING CHUTE + SCREEN OFF(REMOTE) RINNE + SIEB AUS (FUNK)	VIBRATING CHUTE SLOWER (RADIO) RINNE LANGSAMER (FUNK)	VIBRATING CHUTE FASTER (RADIO) RINNE SCHNELLER (FUNK)	RUN CHAIN LEFT (REMOTE) FAHREN KETTE LINKS (FUNK)	RUN CHAIN RIGHT (REMOTE) FAHREN KETTE RECHTS (FUNK)	RUN CHAIN RIGHT (MANUAL) FAHREN KETTE RECHTS (HAND)	RUN CHAIN LEFT (MANUAL) FAHREN KETTE LINKS (HAND)	BRACKE VALVE BREMSVENTIL
---	--	---	--	--	--	--	--	--	-----------------------------

=KLE/1

DATE	18.Apr.2012	KLEEMANN GMBH			<b>Kleemann</b>	FUNKFERNSTEUERUNG/ RADIO REMOTE CONTROL	KLEEMANN SERIES	K007	= 100	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 41
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 41		



# TERMINAL- /PLUG STRIP OVERVIEW

TPSPST2 31.03.2003

Terminal strip and connector design	Text in terminal and connector strip definition	Terminals / plugs					Graphics page of the terminal strip
		first	Last	Total PE	Total N	Total number	
-X0	KLEMMENLEISTE -X0/TERMINAL STRIP -X0	1	20	0	0	20	=KLE/10
-X1	KLEMMLEISTE -X1/ TERMINAL STRIP -X1	PE	PE	10	2	37	=KLE/11
-X3	KLEMMENLEISTE -X3/TERMINAL STRIP -X3	1	14	1	0	15	=KLE/13
-X5	KLEMMLEISTE -X5/ TERMINAL STRIP -X5	PE	12	1	0	13	=KLE/14
-X6	KLEMMLEISTE -X6/ TERMINAL STRIP -X6	PE	4	1	0	5	=KLE/16
-X8	KLEMMENLEISTE -X8/ TERMINAL STRIP -X8	PE	6	2	0	8	=KLE/17
-X00	KLEMMENLEISTE -X00/TERMINAL STRIP -X00	PE	N-FI	1	5	38	=KLE/18
-X22	KLEMMLEISTE -X22/ TERMINAL STRIP -X22	PE	B2	1	0	7	=KLE/20
-X230	KLEMMENLEISTE -X230/ TERMINAL STRIP -X230	PE	N230	1	0	5	=KLE/21
-XB	KLEMMENLEISTE -XB/ TERMINAL STRIP -XB	PE	2	1	0	3	=KLE/22
-XF	KLEMMLEISTE -XF/ TERMINAL STRIP -XF	PE	D2	1	0	15	=KLE/23
-XG	KLEMMENLEISTE -XG/ TERMINAL STRIP -XG	PE	61	1	0	15	=KLE/24
-XK	KLEMMENLEISTE -XK/ TERMINAL STRIP -XK	PE	2	1	0	3	=KLE/25
-XLS	KLEMMLEISTE -XLS TERMINAL STRIP -XLS	PE	4	1	0	5	=KLE/26
-XNG	KLEMMENLEISTE -XNG/ TERMINAL STRIP -XNG	1	2	0	0	2	=KLE/27
-OX0	KLEMMLEISTE -OX0/ TERMINAL STRIP -OX0	PE	2	1	0	3	=KLE/28
-OX06	KLEMMLEISTE -OX06/TERMINAL STRIP -OX06	PE	2	1	0	3	=KLE/29
-OX07	KLEMMENLEISTE -OX07/ TERMINAL STRIP -OX07	1	2	0	0	2	=KLE/30
+M-XG	KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG	3	61	0	0	20	=KLE/31

=100/41

2

DATE	18.Apr.2012	KLEEMANN GMBH		 	KLEMMENLEISTENUEBERSICHT/ TERMINAL STRIP OVERVIEW	KLEEMANN SERIES	K007	= KLE	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG. 1
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.			REP.T.				PG. 39

# TERMINAL- /PLUG STRIP OVERVIEW

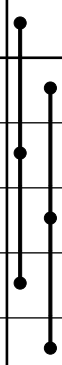
TPSPST2 31.03.2003

Terminal strip and connector design	Text in terminal and connector strip definition	Terminals / plugs					Graphics page of the terminal strip
		first	Last	Total PE	Total N	Total number	
-XOUT	STECKER -XOUT/ PLUG -XOUT	1	PE	0	0	18	=KLE/32
-3X2	STECKER -3X2/ PLUG -3X2	1	PE	0	0	5	=KLE/33
-4X1	STECKER -4X1/ PLUG -4X1	1	PE	1	0	8	=KLE/34
-4X2	STECKER -4X2/ PLUG -4X2	1	PE	0	0	5	=KLE/35
+M-XF1	STECKER +M-XF1 PLUG +M-XF1	1	6	0	0	6	=KLE/36
+M-XS2	STECKER +M-XS2/ PLUG +M-XS2	1	4	0	0	4	=KLE/37
+M-XS5	STECKER +M-XS5/ PLUG +M-XS5	1	4	0	0	4	=KLE/38
+M-6X1	STECKER +M-6X1/ PLUG +M-6X1	1	PE	1	0	4	=KLE/39

# TERMINAL STRIP/PLUG

-X0

FUNCTION TEXT	CABLE DESIGNATION/TYP											DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/PATH	
		FIXED		PLC DESIGNATION																	
		INTERNAL WIRING																			
E-STOP PUSH-BUTTON												1	=100+M-0S01	21	1			=100-0S00	21		=100/6.0
=												3	=100+M-0S01	11	2			=100-0S00	11		=100/6.1
=												2	=100+M-0S01	22	3						=100/6.0
=											1		+M-XS2	1	4						=100/6.1
=												4	=100+M-0S01	12	4						=100/6.1
=											3		+M-XS2	3	5						=100/6.0
=											1		=100+M-0S03	21	6						=100/6.1
=												2	+M-XS2	2	7						=100/6.0
=											3		=100+M-0S03	11	8						=100/6.1
=											4		+M-XS2	4	9						=100/6.2
=											2		=100+M-0S03	22	10						=100/6.2
=											1		=100+M-0S04	21	11						=100/6.1
=											4		=100+M-0S03	12	12						=100/6.1
=											3		=100+M-0S04	11	13						=100/6.2
=											1		+M-XS5	2	14						=100/6.2
=											2		=100+M-0S04	22	15						=100/6.2
=											3		+M-XS5	4	16						=100/6.2
=											4		=100+M-0S04	12	17						=100/6.2
=											2		+M-XS5	1	18						=100/6.2
=											1		=100+M-0S06	21	19						=100/6.2
=											4		+M-XS5	3	20						=100/6.2
=											3		=100+M-0S06	11							=100/6.3
=											2		=100+M-0S06	22							=100/6.3
=											1		=100+M-0S07	21							=100/6.4
=											4		=100+M-0S06	12							=100/6.4
=											3		=100+M-0S07	11							=100/6.4
=											2		=100+M-0S07	22							=100/6.4
=											4		=100+M-0S07	12							=100/6.4
=																					=100/6.4
=																					=100/6.4
=																					=100/6.4
=													-3X2	1							=100/6.4
=													-3X2	3							=100/6.4



0	1	2	3	4	5	6	7	8	9								
FUNCTION TEXT	CABLE DESIGNATION/TYPE	-11W5 H07RN-F	-12W1 H07RN-F	-11W3 H07RN-F	-10W2 H07RN-F	-12W3 H07RN-F	-10W1 H07RN-F	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/ PATH	
											FIXED	INTERNAL WIRING					PLC DESIGNATION
MAGNETIC BELT 2								GNYE =100+M-2M1	PE	PE			=100-PE			=100/10.2	
=								BK =100+M-2M1	U	1			=100-2KC1	2		=100/10.1	
=								BN =100+M-2M1	V	2			=100-2KC1	4		=100/10.1	
=								GY =100+M-2M1	W	3			=100-2KC1	6		=100/10.1	
MAGNET								GNYE =100+M-2Y1	PE	PE			=100-PE			=100/10.5	
=								BK =100+M-2Y1	L1	4			=100-2KC3	2		=100/10.4	
=								BN =100+M-2Y1	L2	5			=100-2KC3	4		=100/10.4	
=								GY =100+M-2Y1	L3	6			=100-2KC3	6		=100/10.4	
=								BU =100+M-2Y1	N	7			=100-0X1	N		=100/10.4	
VIBRATING CHUTE/CRUSHER 5								GNYE =100+M-5M1	PE	PE			=100-PE			=100/11.4	
=								BK =100+M-5M1	U	8			=100-5KC1	2		=100/11.4	
=								BN =100+M-5M1	V	9			=100-5KC1	4		=100/11.4	
=								GY =100+M-5M1	W	10			=100-5KC1	6		=100/11.4	
CONVEYOR BELT 6								+M-6X1	1	14			=100-6KC1	2		=100/12.1	
VIBRATING CHUTE/CRUSHER 5								BK =100+M-6X2	1	14							
VIBRATING CHUTE/CRUSHER 5								GNYE =100+M-5M2	PE	PE			=100-PE			=100/11.7	
CONVEYOR BELT 6								+M-6X1	2	15			=100-6KC1	4		=100/12.1	
VIBRATING CHUTE/CRUSHER 5								BN =100+M-6X2	2	15							
VIBRATING CHUTE/CRUSHER 5								BK =100+M-5M2	U	11			=100-5KC2	2		=100/11.7	
CONVEYOR BELT 6								+M-6X1	3	16			=100-6KC1	6		=100/12.1	
VIBRATING CHUTE/CRUSHER 5								GY =100+M-6X2	3	16							
VIBRATING CHUTE/CRUSHER 5								BN =100+M-5M2	V	12			=100-5KC2	4		=100/11.7	
CONVEYOR BELT 6								+M-6X1	PE	PE			=100-PE			=100/12.2	
								GNYE =100+M-6X2	PE	PE							

DATE	18.Apr.2012	KLEEMANN GMBH		 	KLEMMLEISTE -X1/ TERMINAL STRIP -X1	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	39

# TERMINAL STRIP/PLUG

## -X1

FUNCTION TEXT	CABLE DESIGNATION/TYP	-13W3 H07RN-F	-13W2 H07RN-F	-13W1 H07RN-F	-11W5 H07RN-F	-12W4 H07RN-F	4G6	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/PATH	
											FIXED	INTERNAL WIRING					PLC DESIGNATION
VIBRATING SCREEN 7							BK	=100+M-7M1	U1	17			=100-7KC1	2		=100/12.4	
VIBRATING CHUTE/CRUSHER 5							GY	=100+M-5M2	W	13			=100-5KC2	6		=100/11.7	
VIBRATING SCREEN 7							BN	=100+M-7M1	V1	18			=100-7KC1	4		=100/12.4	
=							GY	=100+M-7M1	W1	19			=100-7KC1	6		=100/12.4	
=							GNYE	=100+M-7M1	PE	PE			=100-PE			=100/12.4	
HYDRAULIC 9							GNYE	=100+M-9M1	PE	PE			=100-PE			=100/13.2	
=							BK	=100+M-9M1	U	20			=100-9KC1	2		=100/13.1	
=							BN	=100+M-9M1	V	21			=100-9KC1	4		=100/13.1	
=							GY	=100+M-9M1	W	22			=100-9KC1	6		=100/13.1	
WATERPUMP 10							GNYE	=100+M-WP	PE	PE			=100-PE			=100/13.5	
=							BN	=100+M-WP	L1	23			=100-10KC1	2		=100/13.4	
=							BU	=100+M-WP	N	24	●					=100/13.5	
OVERPRESSURE FAN							GNYE	=100+M-13M1	PE	PE			=100-PE			=100/13.7	
=							BK	=100+M-13M1	U	25			=100-13Q1	2		=100/13.7	
=							BN	=100+M-13M1	V	26			=100-13Q1	4		=100/13.7	
=							GY	=100+M-13M1	W	27			=100-13Q1	6		=100/13.7	
CRUSHER 1 - POS. 6								=100+M-1M1	PE	PE			=100-PE			=100/8.4	

DATE	18.Apr.2012	KLEEMANN GMBH			KLEMMLEISTE -X1/ TERMINAL STRIP -X1	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 12
CONTR.	D. MALLKOWSKY								PG. 39
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		



# TERMINAL STRIP/PLUG

-X5

FUNCTION TEXT	CABLE DESIGNATION/TYP	-14W2 H07RN-F	-12W5 H07RN-F	-11W6 H07RN-F	-11W4 H07RN-F	-08W8 H07RN-F	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/ PATH	
										F I X E D	INTERNAL WIRING					PLC DESIG- NATION
VIBRATING FEEDER 8 DRIVE RIGHT							=100-PE		PE					=100/14.5		
MOTOR PROTECTION RELAY						BN	=100+M-1R1		1			=100-1K0	T1	=100/8.6		
=						BU	=100+M-1R1		2			=100-1K0	T2	=100/8.7		
VIBRATING CHUTE/CRUSHER 5					BN		=100+M-5M1		3			=100-5K0	T1	=100/11.5		
=					BU		=100+M-5M1		4			=100-5K0	T2	=100/11.5		
=				BN			=100+M-5M2		5			=100-5K0.1	T1	=100/11.8		
VIBRATING SCREEN 7			BN				=100+M-7M1		7			=100-7K0	T1	=100/12.5		
VIBRATING CHUTE/CRUSHER 5				BU			=100+M-5M2		6			=100-5K0.1	T2	=100/11.8		
VIBRATING SCREEN 7			BU				=100+M-7M1		8			=100-7K0	T2	=100/12.5		
VIBRATING FEEDER 8 DRIVE LEFT		BN					=100+M-8M1		9			=100-8K0	T1	=100/14.2		
=		BU					=100+M-8M1		10					=100/14.3		

DATE		18.Apr.2012		KLEEMANN GMBH				 	KLEMMLEISTE -X5/ TERMINAL STRIP -X5		KLEEMANN SERIES		K007		= KLE		+	
EDITED		JHE		MOBICAT MC 120 Z EU EPS							KLEEMANN MATERIAL NO		M10013389_01_EPS		CAE-SYSTEM: EPLAN 5.70		PG. 14	
CONTR.		D. MALLKOWSKY														PG. 39		
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.											

0	1	2	3	4	5	6	7	8	9					
FUNCTION TEXT	CABLE DESIGNATION/TYPE								TERMINAL STRIP/PLUG -X5				CABLE DESIGNATION/TYPE	PAGE/ PATH
									DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE INTERNAL WIRING		
VIBRATING FEEDER 8 DRIVE RIGHT														
=														



0	1	2	3	4	5	6	7	8	9						
FUNCTION TEXT	CABLE DESIGNATION/TYPE	3G0.75	OELFLEX 110	3G0.75	OELFLEX 110	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH
									FIXED	INTERNAL WIRING					
FLASHING LIGHT								PE				=100-PE			=100/7.9
HOOTER					1	=100+M-00H2	1	1				=100-GK1	14		=100/7.7
=					2	=100+M-00H2	2	2					-XK	2	
FLASHING LIGHT					1	=100+M-00H3	X1	3				=100-00K3	14		=100/7.8
=					2	=100+M-00H3	X2	4					=100-1K0	A2	

DATE	18.Apr.2012	KLEEMANN GMBH		 	KLEMMLEISTE -X6/ TERMINAL STRIP -X6		KLEEMANN SERIES	K007	= KLE	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.						PG.	16
MODIFICAT.	DATE	NAME	NORM	DIN						PG.	39

# TERMINAL STRIP/PLUG

-X8

FUNCTION TEXT	CABLE DESIGNATION/TYPE	-14W3 OELFLEX FD855CP	-14W1 OELFLEX FD855CP	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	PAGE/ PATH
							INTERNAL WIRING	PLC DESIG-NATION			
VIBRATING FEEDER 8 DRIVE LEFT				PE	PE						=100/14.3
=				1 =100+M-8M1	U1	1			2 =100-8F2	2	=100/14.2
=				2 =100+M-8M1	V1	2			4 =100-8F2	4	=100/14.2
=				3 =100+M-8M1	W1	3			6 =100-8F2	6	=100/14.3
VIBRATING FEEDER 8 DRIVE RIGHT				PE	PE						=100/14.5
=				1 =100+M-8M2	U1	4			2 =100-8F3	2	=100/14.4
=				2 =100+M-8M2	V1	5			4 =100-8F3	4	=100/14.4
=				3 =100+M-8M2	W1	6			6 =100-8F3	6	=100/14.4



# TERMINAL STRIP/PLUG

-X00

FUNCTION TEXT	CABLE DESIGNATION/TYP	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/PATH
					INTERNAL WIRING	PLC DESIGNATION				
		-A0_2	18	2	●					=100/17.3
		-A0_3	18	2	●					=100/17.4
		-A0_4	18	2	●					=100/17.5
		-A0_4	36	2	●					=100/17.5
		-A0_5	18	2	●					=100/17.6
		-A0_5	36	2	●					=100/17.6
		-A0_6	18	2	●					=100/17.7
		-A0_6	36	2	●					=100/17.7
SET VALUE FREQUENCY CONVERTER VIBRATING FEEDER 8		-A0_2	14	2	●		=100-1K1	A2		=100/19.3
SUPPLY 24V AFTER EMERGENCY STOP		-A0_2	9	3	●		=100-K0.1	14		=100/7.2
=				3	●					=100/7.2
		-A0_6	1	3	●					=100/17.6
		-A0_6	19	3	●					=100/17.6
INCOMING SUPPLY 3x400V/PE/50Hz		=100-P5		N	●		=100-0F01	8		=100/2.7
=				N	●					=100/2.7
=				N	●		=100-0F04	N		=100/2.7
SOCKET 32A		=100-0X4	N	N-FI	●		=100-0F04	NFI		=100/4.2
SOCKET 16A/230V		=100-0X5	N	N-FI	●					=100/4.3

DATE	18.Apr.2012	KLEEMANN GMBH		 	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEMMENLEISTE -X00/ TERMINAL STRIP -X00	KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 39
MODIFICAT.	DATE	NAME	NORM	DIN				

# TERMINAL STRIP/PLUG -X22

FUNCTION TEXT	CABLE DESIGNATION/TYP	5G0.75	5G0.75	7G1.5	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/PATH
		-41W2 OELFLEX 540P	-41W3 OELFLEX 540P	-41W4 OELFLEX 110				F I X E D						
RUN CHAIN LEFT (MANUAL)					=100-PE									=100/41.9
EINSPEISUNG 24V DC					+M-XF1	1	1				=100-1K08	6		=100/41.7
EINSPEISUNG 0V DC					+M-XF1	2	2				-XB	1		=100/41.9
RUN CHAIN RIGHT (MANUAL)					+M-XF1	6					-XF	2		=100/41.9
RUN CHAIN LEFT (MANUAL)					+M-XF1	4					-XB	2		=100/41.8
RUN CHAIN RIGHT (MANUAL)					+M-XF1	5								=100/41.7
RUN CHAIN LEFT (MANUAL)					+M-XF1	3								=100/41.8

# TERMINAL STRIP/PLUG

-X230

FUNCTION TEXT	CABLE DESIGNATION/TYP	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/PATH
					FIXED	INTERNAL WIRING				
POWER SOCKET 125A				PE			=100-PE			=100/5.5
=				L230			=100-0F1.3	1		=100/5.4
=		=100-1K01	A1	L230						=100/5.4
=				N230			=100-0T1	V2		=100/5.4
=		=100-1K01	A2	N230						=100/5.4

DATE	18.Apr.2012	KLEEMANN GMBH		 	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEMMENLEISTE -X230/ TERMINAL STRIP -X230	KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 39
MODIFICAT.	DATE	NAME	NORM	DIN				

0	1	2	3	4	5	6	7	8	9																		
FUNCTION TEXT	CABLE DESIGNATION/TYPE																			PAGE/ PATH							
																					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION
																								FIXED	INTERNAL WIRING		
BRACKE VALVE																											
=																											



KLEMMENLEISTE -XB/  
TERMINAL STRIP -XB

KLEEMANN SERIES K007  
KLEEMANN MATERIAL NO M10013389\_01\_EPS

= KLE +  
CAE-SYSTEM: EPLAN 5.70  
PG. 22  
PG. 39

# TERMINAL STRIP/PLUG

## -XF

FUNCTION TEXT	CABLE DESIGNATION/TYPE	5G0.75	5G0.75	19G1.5	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH
					=100-PE		PE							=100/41.1
					=100+M-20A2		1	●   ●			=100-SN0	22		=100/41.1
VIBRATING CHUTE FASTER (RADIO)					=100+M-20A2		2				=100-8K03	A2		=100/41.5
INSTALLATION OFF (RADIO)					=100+M-20A2		3				-X22	2		=100/41.2
=					=100+M-20A2		4				=100-SN0	31		=100/41.2
					=100+M-20A2		6							=100/41.1
					=100+M-20A2		7							=100/41.1
VIBRATING CHUTE SLOWER (RADIO)					=100+M-20A2		8				=100-8K04	A1		=100/41.4
RUN CHAIN RIGHT (REMOTE)					=100+M-20A2	13	C1							=100/41.6
VIBRATING CHUTE + SCREEN OFF(REMOTE)					=100+M-Y4B	C1					=100-KGA3	A1		=100/41.3
					=100+M-20A2		9							
RUN CHAIN LEFT (REMOTE)					=100+M-20A2	15	C2							=100/41.6
					=100+M-Y5B	C2								
VIBRATING CHUTE FASTER (RADIO)					=100+M-20A2		10				=100-8K03	A1		=100/41.4
RUN CHAIN RIGHT (REMOTE)					=100+M-20A2	14	D1							=100/41.7
					=100+M-Y4B	D1								
VIBRATING CHUTE + SCREEN ON(REMOTE)					=100+M-20A2		11				=100-KGA2	A1		=100/41.2
RUN CHAIN LEFT (REMOTE)					=100+M-20A2	16	D2							=100/41.5
					=100+M-Y5B	D2								



KLEMMLEISTE -XF/  
TERMINAL STRIP -XF



# TERMINAL STRIP/PLUG

## -XG

FUNCTION TEXT	CABLE DESIGNATION/TYP								DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	PAGE/PATH
												F I X E D	INTERNAL WIRING	PLC DESIG-NATION	
FUEL LEVEL											PE		=100-PE		=100/40.7
RELEASE								3	+M-XG	3	3		=100-GA1 =100-GK9	3 A1	=100/37.6
								4	+M-XG	5	5		=100-GA1	10_2	=100/38.2
COOLING WATER LOW LEVEL								8	+M-XG	5.1	5.1		=100-GP1	G	=100/38.5
PREWARNING OVERTEMPERATURE								5	+M-XG	7	7		=100-GK26	A2	=100/38.2
COOLING WATER LOW LEVEL								7	+M-XG	7.1	7.1		=100-GP2	G	=100/38.4
=								6	+M-XG	8	8		=100-GKT1	A2	=100/38.3
AIR FILTER PLUGGES								9	+M-XG	11	11		=100-GKT2	A2	=100/40.6
FUEL LEVEL								10	+M-XG	18	18		=100-GP3	G	=100/40.7
SUPPLY 24V									+M-XG	30	30		=100-GF1	A2	=100/37.0
SUPPLY 0V									+M-XG	31	31	●	=100-GK1	A2	=100/37.1
=										31	●				=100/37.1
=										31	●		=100-GA1 =100-GK61	6 A2	=100/37.1
START								2	+M-XG	50	50		=100-GK6	14	=100/37.4
DYNAMO								1	+M-XG	61	61		=100-GA1	4	=100/37.3



KLEMMENLEISTE -XG/  
TERMINAL STRIP -XG

FUNCTION TEXT	CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG												CABLE DESIGNATION/TYP	PAGE/ PATH			
									3G1.5	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE			DESIGNATION OF INTERNAL DESTINATION	CONNECTION	
													FIXED					INTERNAL WIRING
COUPLING										PE				=100-PE			=100/7.5	
=								1 =100+M-Y10		1				=100-1K08	2		=100/7.5	
=								2 =100+M-Y10		2				-X00	2		=100/7.5	
														-X6	2			

DATE	18.Apr.2012	KLEEMANN GMBH		
EDITED	JHE			
CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z EU EPS		
MODIFICAT.	DATE	NAME	NORM	DIN
		ORIGIN	REP.F.	REP.T.
WIRTGEN GROUP		<b>KLEEMANN</b>		KLEMMENLEISTE -XK/ TERMINAL STRIP -XK
KLEEMANN SERIES	K007	= KLE	+	
KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	25
			PG.	39

# TERMINAL STRIP/PLUG -XLS

FUNCTION TEXT	CABLE DESIGNATION/TYP							-36W1 UNITRONIC 3x0.5mm²	-36W2 UNITRONIC 3x0.5mm²	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION			CABLE DESIGNATION/TYP	PAGE/ PATH
													F I X E D	INTERNAL WIRING							
LIGHT BARRIER CRUSHER												PE				=100-PE					=100/36.4
=									GN	=100+M-LT	7	1				=100-LS1	7				=100/36.4
=									BN	=100+M-LT	5	2				=100-LS1	5				=100/36.4
=								GN		=100+M-LR	6	3				=100-LS1	6				=100/36.3
=								BN		=100+M-LR	8	4				=100-LS1	8				=100/36.3

# TERMINAL STRIP/PLUG

-XNG

CABLE DESIGNATION/TYP

CABLE DESIGNATION/TYP

3G0.75  
-02W7  
OELFLEX 110

FUNCTION TEXT

INCOMING SUPPLY 3x400V/PE/50Hz

=

DESIGNATION OF EXTERNAL DESTINATION

CONNECTION

NO.

BRIDGE  
FIXED  
INTERNAL WIRING

PLC DESIGNATION

DESIGNATION OF INTERNAL DESTINATION

CONNECTION

PAGE/PATH

1 =100-00Q1

1.13

1

=100-GK9

11

=100/2.5

2 =100-00Q1

1.14

2

=100-0Q1  
=100-GK9

D2  
14

=100/2.5

DATE	18.Apr.2012
EDITED	JHE
CONTR.	D. MALLKOWSKY

KLEEMANN GMBH
MOBICAT MC 120 Z EU EPS



KLEMMENLEISTE -XNG/  
TERMINAL STRIP -XNG

KLEEMANN SERIES K007

= KLE

+

KLEEMANN MATERIAL NO M10013389\_01\_EPS

CAE-SYSTEM:  
EPLAN 5.70

# TERMINAL STRIP/PLUG

## -0X0

FUNCTION TEXT	CABLE DESIGNATION/TYP	3	4	-03W2 H07RN-F	3G1.5	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/ PATH
									FIXED	INTERNAL WIRING				
BELT WEIGHER						GNYE	=100+M-B1	PE				=100-PE		=100/3.5
=						BN	=100+M-B1	1	1			=100-0K1	54	=100/3.5
=						BU	=100+M-B1	2	2			-X00	2	=100/3.5

DATE	18.Apr.2012	KLEEMANN GMBH			KLEMMLEISTE -0X0/ TERMINAL STRIP -0X0	KLEEMANN SERIES	K007	= KLE	+
CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 28 PG. 39
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		

FUNCTION TEXT	CABLE DESIGNATION/TYPE	5G1.5	-03W1 H07RN-F	TERMINAL STRIP/PLUG -0X06					CABLE DESIGNATION/TYPE	PAGE/ PATH							
											DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	
							FIXED	INTERNAL WIRING			PLC DESIGNATION						
ILLUMINATION 1						PE				=100-PE							=100/3.2
=			BK	=100+M-E1	X1	1							14				=100/3.1
=			BN	=100+M-E1	X2	2							2				=100/3.1

# TERMINAL STRIP/PLUG

-0X07

CABLE DESIGNATION/TYP

CABLE DESIGNATION/TYP

PAGE/  
PATH

FUNCTION TEXT

5G1.5  
-03W1  
H07RN-F

FUNCTION TEXT	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/ PATH
				FIXED	INTERNAL WIRING				
ILLUMINATION 2	GY =100+M-E2	X1	1			=100-KX	24		=100/3.3
=	BU =100+M-E2	X2	2			-X00	2		=100/3.3

# TERMINAL STRIP/PLUG

## +M-XG

FUNCTION TEXT	CABLE DESIGNATION/TYP	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	PAGE/PATH
RELEASE	4G4	-XG	3	3	FIXED			=100-K2	86	=100/37.6
=								=100-XT	2	=100/37.6
DIAGNOSTIC	H07RN-F	=100-X	1	3	FIXED			=100-D1	2	=100/39.5
START								=100-D1	2	=100/39.5
=	18G1	-X1	3A	3A	FIXED			=100-K2	87	=100/37.4
=										=100/37.4
		-XG	5	5				-U1	15	=100/38.2
COOLING WATER LOW LEVEL		-XG	5.1	5.1				-U1	11	=100/38.5
PREWARNING OVERTEMPERATURE		-XG	7	7				-U1	6	=100/38.2
COOLING WATER LOW LEVEL		-XG	7.1	7.1				-U1	10	=100/38.4
=		-XG	8	8				2		=100/38.3
AIR FILTER PLUGGES		-XG	11	11				=100-B1	S	=100/40.6
FUEL LEVEL		-XG	18	18				=100-B2		=100/40.7
SUPPLY 24V	BK	-XG	30	30				=100-F1	A1	=100/37.0
SUPPLY 0V	GY	-XG	31	31				=100-S1	14	=100/37.1
=				31						=100/37.1
=				31						=100/37.1
RELEASE		=100-K1	85	31				=100-K2	85	=100/37.6
DIAGNOSTIC		-X1	31	31				-X1	31	=100/39.6
START		=100-X	2	31				=100-B1	-	=100/39.6
DYNAMO		-XG	50	50				-U1	32	=100/37.4
		-XG	61	61				=100-D+		=100/37.3

DATE	18.Apr.2012	KLEEMANN GMBH			KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70
CONTR.	D. MALLKOWSKY							PG.	31
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	PG.	39



# TERMINAL STRIP/PLUG

## -XOUT

FUNCTION TEXT	CABLE DESIGNATION/TYP	2	3	4	5	6	7	8	9					
					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION			PAGE/PATH
								FIXED	INTERNAL WIRING					
							1							
							2							
EMERGENCY STOP SWITCHGEAR					=100-D1	14	3							=100/6.9
=					=100-D1	13	4							=100/6.9
							5							
							6							
OVERLOAD REMOVAL					-A0_5	27	7							=100/31.7
=					=100-GK26	11								
					-A0_5	34	8		E7.6					=100/31.7
							9							
							10							
LOCKING CONVEYOR BELT 2					=100-8K03	11	11		E3.0	-XOUT	12			=100/27.1
=					-A0_4	35								
					-A0_4	28	12		E3.0	-XOUT	11			=100/27.1
EMERGENCY STOP SWITCHGEAR					=100-KGA1	14	13			-XOUT	14			=100/6.5
=					=100-D1	S12	14			-XOUT	13			=100/6.5
=					=100-KGA1	44	15			-XOUT	16			=100/6.6
=					=100-D1	S52	16			-XOUT	15			=100/6.6
							PE							
							PE							



# TERMINAL STRIP/PLUG

-3X2

FUNCTION TEXT	CABLE DESIGNATION/TYP										DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION			CABLE DESIGNATION/TYP	PAGE/PATH
														INTERNAL WIRING	PLC DESIGNATION						
E-STOP PUSH-BUTTON											-X0	19	1			-3X2	2			=100/6.4	
=											-4X2	1	2			-3X2	1			=100/6.4	
=											-X0	20	3			-3X2	4			=100/6.4	
=											-4X2	3	4			-3X2	3			=100/6.4	
													PE								

DATE	18.Apr.2012	KLEEMANN GMBH		 	STECKER -3X2/ PLUG -3X2	KLEEMANN SERIES	K007	= KLE	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	39

# TERMINAL STRIP/PLUG

-4X1

FUNCTION TEXT	CABLE DESIGNATION/TYP							-11W2 H07RN-F	3G1.5			-11W1 H07RN-F	4G6	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION			CABLE DESIGNATION/TYP	PAGE/ PATH	
																	FIXED	INTERNAL WIRING							PLC DESIG- NATION
CONVEYOR BELT 4												BK	=100+M-4M1	U	1				=100-4KC1	2				=100/11.1	
=												BN	=100+M-4M1	V	2				=100-4KC1	4				=100/11.1	
=												GY	=100+M-4M1	W	3				=100-4KC1	6				=100/11.1	
															4										
=								BN					=100+M-4M1		5				=100-4K0	T1				=100/11.2	
=								BU					=100+M-4M1		6				=100-4K0	T2				=100/11.2	
=												GYE	=100+M-4M1	PE					=100-PE					=100/11.2	

			DATE	18.Apr.2012	KLEEMANN GMBH				 	STECKER -4X1/ PLUG -4X1	KLEEMANN SERIES	K007	= KLE	+
			EDITED	JHE	MOBICAT MC 120 Z EU EPS						KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 34
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 39

# TERMINAL STRIP/PLUG

## -4X2

FUNCTION TEXT	CABLE DESIGNATION/TYP	2	3	4	5	6	7	8	9	CABLE DESIGNATION/TYP	PAGE/PATH							
												DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION
															INTERNAL WIRING	PLC DESIGNATION		
EMERGENCY STOP SWITCHGEAR																		
=																		
=																		
=																		

0		1		2		3		4		5		6		7		8		9																	
FUNCTION TEXT																CABLE DESIGNATION/TYP	7G1.5	OELFLEX 110	-41W4	CABLE DESIGNATION/TYP	PAGE/PATH														
TERMINAL STRIP/PLUG +M-XF1																																			
																						DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	INTERNAL WIRING	PLC DESIGNATION				
EINSPEISUNG 24V DC																																			
EINSPEISUNG 0V DC																																			
RUN CHAIN LEFT (MANUAL)																																			
=																																			
RUN CHAIN RIGHT (MANUAL)																																			
=																																			

DATE	18.Apr.2012	KLEEMANN GMBH		WIRTGEN GROUP	Kleemann	STECKER +M-XF1	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				PLUG +M-XF1				
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 36
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG. 39

# TERMINAL STRIP/PLUG

## +M-XS2

FUNCTION TEXT	CABLE DESIGNATION/TYPE									5G1		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	5G1				CABLE DESIGNATION/TYPE	PAGE/PATH	
												-06W12 OELFLEX 540P	-06W2 OELFLEX 540P	F I X E D	I N T E R N A L W I R I N G	C O N N E C T I O N										
E-STOP PUSH-BUTTON												=100-0S02	21	1				-X0	3	1					=100/6.1	
=												=100-0S02	22	2				-X0	5	2					=100/6.1	
=												=100-0S02	11	3				-X0	4	3					=100/6.1	
=												=100-0S02	12	4				-X0	6	4					=100/6.1	

		DATE	18.Apr.2012		KLEEMANN GMBH			 	STECKER +M-XS2/ PLUG +M-XS2		KLEEMANN SERIES <b>K007</b>		= KLE		+	
		EDITED	JHE		MOBICAT MC 120 Z EU EPS						KLEEMANN MATERIAL NO <b>M10013389_01_EPS</b>		CAE-SYSTEM: EPLAN 5.70		PG. 37	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 39		

# TERMINAL STRIP/PLUG

+M-XS5

FUNCTION TEXT	CABLE DESIGNATION/TYP											5G1	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	5G1	CABLE DESIGNATION/TYP	PAGE/PATH
		-06W15 OELFLEX 540P	-06W5 OELFLEX 540P	F	I	X	E	D	INTERNAL WIRING														
E-STOP PUSH-BUTTON											2	=100-0S05	22	1				-X0	11	2	=100/6.2		
=											1	=100-0S05	21	2				-X0	9	1	=100/6.2		
=											4	=100-0S05	12	3				-X0	12	4	=100/6.2		
=											3	=100-0S05	11	4				-X0	10	3	=100/6.2		

# TERMINAL STRIP/PLUG

+M-6X1

FUNCTION TEXT	CABLE DESIGNATION/TYPE								-12W2 H07RN-F	4G1.5	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	-12W1 H07RN-F	4G1.5	CABLE DESIGNATION/TYPE	PAGE/ PATH
														INTERNAL WIRING	PLC DESIGNATION						
CONVEYOR BELT 6									BK	=100-6M1	U	1				-X1	14	BK		=100/12.1	
=									BN	=100-6M1	V	2				-X1	15	BN		=100/12.1	
=									GY	=100-6M1	W	3				-X1	16	GY		=100/12.1	
=									GNYE	=100-6M1	PE	PE				-X1	PE	GNYE		=100/12.2	

38 =KAB/1

DATE 18.Apr.2012		KLEEMANN GMBH		 	STECKER +M-6X1/ PLUG +M-6X1		KLEEMANN SERIES K007		= KLE		+	
EDITED JHE		MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO M10013389_01_EPS		CAE-SYSTEM: EPLAN 5.70		PG. 39	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG. 39		



# Cable overview

TPS\_PST2 15.04.2003

Cable name	Source	Target	Cable type	Total Cores	used Cores	Cross section mm <sup>2</sup>	Length m	Remark	Graphics Page
-02W7	-XNG	=100-00Q1	OELFLEX 110	3G	2	0.75	-		/10
-03W1			H07RN-F	5	4	1.5	-		/11
	-0X06	=100+M-E1		5	2	1.5			/11
	-0X07	=100+M-E2		5	2	1.5			/11
-03W2	-0X0	=100+M-B1	H07RN-F	3	3G	1.5	-		/12
-06W1	-X0	=100+M-0S01	OELFLEX 540P	5G	4	1	-		/13
-06W2	-X0	+M-XS2	OELFLEX 540P	5G	4	1	-		/14
-06W3	-X0	=100+M-0S03	OELFLEX 540P	5G	4	1	-		/15
-06W4	-X0	=100+M-0S04	OELFLEX 540P	5G	4	1	-		/16
-06W5	-X0	+M-XS5	OELFLEX 540P	5G	4	1	-		/17
-06W6	-X0	=100+M-0S06	OELFLEX 540P	5G	4	1	-		/18
-06W7	-X0	=100+M-0S07	OELFLEX 540P	5G	4	1	-		/19
-06W8	-4X2	=100+M-0S08	OELFLEX 540P	5G	4	1	-		/20
-07W1	-XK	=100+M-Y10	OELFLEX 110	3G	2	1.5	-		/23
-07W2	-X6	=100+M-00H2	OELFLEX 110	3G	2	0.75	-		/24
-07W3	-X6	=100+M-00H3	OELFLEX 110	3G	2	0.75	-		/25
-08W8	-X5	=100+M-1R1	H07RN-F	3	2	1.5	-		/26
-10W1	-X1	=100+M-2M1	H07RN-F	4	4G	1.5	-		/27
-10W2	-X1	=100+M-2Y1	H07RN-F	5	5G	4	-		/28
-10W3	=100-3X2	=100+M-3M1	H07RN-F	4	4	1.5	-		/29
-11W1	-4X1	=100+M-4M1	H07RN-F	4	4G	6	-		/30
-11W2	-4X1	=100+M-4M1	H07RN-F	3	2	1.5	-		/31
-11W3	-X1	=100+M-5M1	H07RN-F	4	4G	1	-		/32
-11W4	-X5	=100+M-5M1	H07RN-F	3	2	1.5	-		/33
-11W5	-X1	=100+M-5M2	H07RN-F	4	4G	1.5	-		/34
-11W6	-X5	=100+M-5M2	H07RN-F	3	2	1.5	-		/35
-12W1	-X1	+M-6X1	H07RN-F	4	4G	1.5	-		/36
-12W2	+M-6X1	=100+M-6M1	H07RN-F	4	4G	1.5	-		/37
-12W3	-X1	=100+M-6X2	H07RN-F	4	4G	1.5	-		/38
-12W4	-X1	=100+M-7M1	H07RN-F	4	4G	6	-		/39
-12W5	-X5	=100+M-7M1	H07RN-F	3	2	1.5	-		/40
-13W1	-X1	=100+M-9M1	H07RN-F	4	4G	1.5	-		/41
-13W2	-X1	=100+M-WP	H07RN-F	3	3G	1.5	-		/42
-13W3	-X1	=100+M-13M1	H07RN-F	4	4G	1.5	-		/43
-14W1	-X8	=100+M-8M1	OELFLEX FD855CP	4G+Schirm	4G	2.5	-		/44

=KLE/39

2

DATE	18.Apr.2012	KLEEMANN GMBH		 	KABELUEBERSICHT/ CABLE SURVEY	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	56

# Cable overview

TPS\_PST2 15.04.2003

Cable id	Source from	Target to	Cable type	Total Cores	used Cores	Cross section mm <sup>2</sup>	Length m	Remark	Graphics Page
-14W2	-X5	=100+M-8M1	H07RN-F	3	2	1.5	-		/45
-14W3	-X8	=100+M-8M2	OELFLEX FD855CP	4G+Schirm	4G	2.5	-		/46
-14W4	-X5	=100+M-8M2	H07RN-F	3	2	1.5	-		/47
-36W1	-XLS	=100+M-LR	UNITRONIC	3+Schirm	2	0.5	-		/48
-36W2	-XLS	=100+M-LT	UNITRONIC	3+Schirm	2	0.5	-		/49
-37W1	-XG	+M-XG	H07RN-F	4	2	4	-		/50
-37W2	-XG	+M-XG	OELFLEX 110	18G	10	1	-		/51
-41W1	-XF	=100+M-20A2	H07RN-F	19G	14	1.5	-		/52
-41W2			OELFLEX 540P	5G	4	0.75	-		/53
	-XF	=100+M-Y5B		5G	2	0.75			/53
	-X22	=100+M-Y5B		5G	2	0.75			/53
-41W3			OELFLEX 540P	5G	4	0.75	-		/54
	-XF	=100+M-Y4B		5G	2	0.75			/54
	-X22	=100+M-Y4B		5G	2	0.75			/54
-41W4	-X22	+M-XF1	OELFLEX 110	7G	6	1.5	-		/55
-41W5	-XB	=100+M-Y3	OELFLEX 110	3G	2	0.75	-		/56
-06W12	+M-XS2	=100+M-0S02	OELFLEX 540P	5G	4	1	-		/21
-06W15	+M-XS5	=100+M-0S05	OELFLEX 540P	5G	4	1	-		/22

# INTERCONNECTION DIAGRAM

CABLE NAME **-02W7** CABLE TYPE **OELFLEX 110**

REMARK NO. OF CORES **3G** CROSS SECTION **0.75** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
INCOMING SUPPLY 3x400V/PE/50Hz	=100/2.5	-XNG	1	1	=100-00Q1	1.13	=100/1.2	MAIN POWER SUPPLY 3X400V/PE/50CPS BACK UP FUSE 800A
INCOMING SUPPLY 3x400V/PE/50Hz	=100/2.5	-XNG	2	2	=100-00Q1	1.14	=100/1.2	MAIN POWER SUPPLY 3X400V/PE/50CPS BACK UP FUSE 800A
				3				

DATE	18.Apr.2012	KLEEMANN GMBH		 	-02W7	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG. 10
MODIFICAT.	DATE	NAME	NORM	DIN					PG. 56

# INTERCONNECTION DIAGRAM

CABLE NAME <b>-03W1</b>	CABLE TYPE <b>H07RN-F</b>		
REMARK	NO. OF CORES <b>5</b>	CROSS SECTION <b>1.5</b>	CABLE LENGTH <b>-</b>

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				GNYE				
ILLUMINATION 2	=100/3.3	-0X07	2	BU	=100+M-E2	X2	=100/3.3	ILLUMINATION 2
ILLUMINATION 1	=100/3.1	-0X06	2	BN	=100+M-E1	X2	=100/3.1	ILLUMINATION 1
ILLUMINATION 1	=100/3.1	-0X06	1	BK	=100+M-E1	X1	=100/3.1	ILLUMINATION 1
ILLUMINATION 2	=100/3.3	-0X07	1	GY	=100+M-E2	X1	=100/3.3	ILLUMINATION 2

**INTERCONNECTION DIAGRAM**

CABLE NAME <b>-03W2</b>	CABLE TYPE <b>H07RN-F</b>
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REMARK	NO. OF CORES <b>3</b>	CROSS SECTION <b>1.5</b>	CABLE LENGTH <b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
BELT WEIGHER	=100/3.5	-0X0	PE	GNYE	=100+M-B1	PE	=100/3.5	ILLUMINATION 2
BELT WEIGHER	=100/3.5	-0X0	2	BU	=100+M-B1	2	=100/3.5	ILLUMINATION 2
BELT WEIGHER	=100/3.5	-0X0	1	BN	=100+M-B1	1	=100/3.5	ILLUMINATION 2

DATE		18.Apr.2012		KLEEMANN GMBH				 	-03W2		KLEEMANN SERIES <b>K007</b>		= KAB      +	
EDITED		JHE		MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO <b>M10013389_01_EPS</b>		CAE-SYSTEM:      EPLAN 5.70			
CONTR.		D. MALLKOWSKY							REP.F.		REP.T.		PG.      12	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG.      56				

INTERCONNECTION DIAGRAM

CABLE NAME **-06W1** CABLE TYPE **OELFLEX 540P**

REMARK NO. OF CORES **5G** CROSS SECTION **1** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
E-STOP PUSH-BUTTON	=100/6.0	-X0	1	1	=100+M-0S01	21	=100/6.0	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.0	-X0	3	2	=100+M-0S01	22	=100/6.0	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	-X0	2	3	=100+M-0S01	11	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	-X0	4	4	=100+M-0S01	12	=100/6.1	E-STOP PUSH-BUTTON
				PE				

DATE	18.Apr.2012	KLEEMANN GMBH			 	-06W1	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG. 13
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.							
MODIFICAT.	DATE	NAME	NORM	DIN							



# INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME **-06W3** CABLE TYPE **OELFLEX 540P**

REMARK NO. OF CORES **5G** CROSS SECTION **1** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
E-STOP PUSH-BUTTON	=100/6.0	-X0	5	1	=100+M-0S03	21	=100/6.0	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.0	-X0	7	2	=100+M-0S03	22	=100/6.0	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	-X0	6	3	=100+M-0S03	11	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	-X0	8	4	=100+M-0S03	12	=100/6.1	E-STOP PUSH-BUTTON
				PE				

DATE	18.Apr.2012	KLEEMANN GMBH			 	-06W3	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG. 15
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			PG. 56				
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				



0		1		2		3		4		5		6		7		8		9	
<b>INTERCONNECTION DIAGRAM</b>										TPS_N_20.SKN / 2005-07-25									
CABLE NAME <b>-06W4</b>										CABLE TYPE <b>OELFLEX 540P</b>									
REMARK										NO. OF CORES <b>5G</b>			CROSS SECTION <b>1</b>			CABLE LENGTH <b>-</b>			
FUNCTION TEXT		PAGE/PATH		DESTINATION DESIGNATION FROM		CONNECTION	CORE	DESTINATION DESIGNATION TO		CONNECTION	PAGE/PATH		FUNCTION TEXT						
E-STOP PUSH-BUTTON		=100/6.0		-X0		7	1	=100+M-0S04		21	=100/6.2		E-STOP PUSH-BUTTON						
E-STOP PUSH-BUTTON		=100/6.2		-X0		9	2	=100+M-0S04		22	=100/6.2		E-STOP PUSH-BUTTON						
E-STOP PUSH-BUTTON		=100/6.1		-X0		8	3	=100+M-0S04		11	=100/6.3		E-STOP PUSH-BUTTON						
E-STOP PUSH-BUTTON		=100/6.2		-X0		10	4	=100+M-0S04		12	=100/6.3		E-STOP PUSH-BUTTON						
							PE												

0

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# INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME <b>-06W5</b>				CABLE TYPE <b>OELFLEX 540P</b>				REMARK	
				NO. OF CORES <b>5G</b>		CROSS SECTION <b>1</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
E-STOP PUSH-BUTTON	=100/6.2	-X0	9	1	+M-XS5	2	=100/6.2	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.2	-X0	11	2	+M-XS5	1	=100/6.2	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.2	-X0	10	3	+M-XS5	4	=100/6.2	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.2	-X0	12	4	+M-XS5	3	=100/6.2	E-STOP PUSH-BUTTON	
				PE					

DATE	18.Apr.2012	KLEEMANN GMBH		 	-06W5	KLEEMANN SERIES	<b>K007</b>	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	<b>M10013389_01_EPS</b>	CAE-SYSTEM:	EPLAN 5.70	PG. 17
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.		REP.T.					PG. 56

# INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME <b>-06W6</b>				CABLE TYPE <b>OELFLEX 540P</b>				REMARK		NO. OF CORES <b>5G</b>		CROSS SECTION <b>1</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT							
E-STOP PUSH-BUTTON	=100/6.2	-X0	11	1	=100+M-0S06	21	=100/6.3	E-STOP PUSH-BUTTON							
E-STOP PUSH-BUTTON	=100/6.3	-X0	13	2	=100+M-0S06	22	=100/6.3	E-STOP PUSH-BUTTON							
E-STOP PUSH-BUTTON	=100/6.2	-X0	12	3	=100+M-0S06	11	=100/6.4	E-STOP PUSH-BUTTON							
E-STOP PUSH-BUTTON	=100/6.4	-X0	14	4	=100+M-0S06	12	=100/6.4	E-STOP PUSH-BUTTON							
				PE											

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# INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME <b>-06W7</b>	CABLE TYPE <b>OELFLEX 540P</b>
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REMARK	NO. OF CORES <b>5G</b>	CROSS SECTION <b>1</b>	CABLE LENGTH <b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
E-STOP PUSH-BUTTON	=100/6.3	-X0	13	1	=100+M-0S07	21	=100/6.4	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.4	-X0	15	2	=100+M-0S07	22	=100/6.4	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.4	-X0	14	3	=100+M-0S07	11	=100/6.4	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.4	-X0	16	4	=100+M-0S07	12	=100/6.4	E-STOP PUSH-BUTTON
				PE				



CABLE NAME <b>-06W12</b>			CABLE TYPE <b>OELFLEX 540P</b>		
REMARK			NO. OF CORES <b>5G</b>		CROSS SECTION <b>1</b>
CABLE LENGTH <b>-</b>					

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
E-STOP PUSH-BUTTON	=100/6.1	+M-XS2	1	1	=100+M-0S02	21	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	+M-XS2	2	2	=100+M-0S02	22	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	+M-XS2	3	3	=100+M-0S02	11	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	+M-XS2	4	4	=100+M-0S02	12	=100/6.1	E-STOP PUSH-BUTTON
				PE				

DATE 18.Apr.2012		KLEEMANN GMBH		 <b>KLEEMANN</b>	-06W12	KLEEMANN SERIES <b>K007</b>		= KAB	+
EDITED JHE		MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO <b>M10013389_01_EPS</b>			
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	PG. 21	PG. 56

# INTERCONNECTION DIAGRAM

CABLE NAME <b>-06W15</b>					CABLE TYPE <b>OELFLEX 540P</b>					
REMARK					NO. OF CORES <b>5G</b>		CROSS SECTION <b>1</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
E-STOP PUSH-BUTTON	=100/6.2	+M-XS5	2	1	=100+M-0S05	21	=100/6.2	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.2	+M-XS5	1	2	=100+M-0S05	22	=100/6.2	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.2	+M-XS5	4	3	=100+M-0S05	11	=100/6.2	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.2	+M-XS5	3	4	=100+M-0S05	12	=100/6.2	E-STOP PUSH-BUTTON		
				PE						

INTERCONNECTION DIAGRAM

CABLE NAME	<b>-07W1</b>	CABLE TYPE	<b>OELFLEX 110</b>
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REMARK		NO. OF CORES	<b>3G</b>	CROSS SECTION	<b>1.5</b>	CABLE LENGTH	<b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
COUPLING	=100/7.5	-XK	1	1	=100+M-Y10		=100/7.5	COUPLING
COUPLING	=100/7.5	-XK	2	2	=100+M-Y10		=100/7.5	COUPLING
				3				

DATE	18.Apr.2012	KLEEMANN GMBH	 	-07W1	KLEEMANN SERIES	<b>K007</b>	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	<b>M10013389_01_EPS</b>	CAE-SYSTEM: EPLAN 5.70	PG.	<b>23</b>
CONTR.	D. MALLKOWSKY	ORIGIN		REP.F.	REP.T.			PG.	<b>56</b>



**INTERCONNECTION DIAGRAM**

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME **-07W2** CABLE TYPE **OELFLEX 110**

REMARK NO. OF CORES **3G** CROSS SECTION **0.75** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
HOOTER	=100/7.7	-X6	1	1	=100+M-00H2	1	=100/7.7	HOOTER
HOOTER	=100/7.7	-X6	2	2	=100+M-00H2	2	=100/7.7	HOOTER
				3				

DATE	18.Apr.2012	KLEEMANN GMBH				 <b>kleemann</b>	-07W2	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS						KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG. 24
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.							PG. 56	
MODIFICAT.	DATE	NAME	NORM	DIN								

## INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

<b>CABLE NAME</b> <b>-07W3</b>	<b>CABLE TYPE</b> <b>OELFLEX 110</b>
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<b>REMARK</b>	<b>NO. OF CORES</b> <b>3G</b>	<b>CROSS SECTION</b> <b>0.75</b>	<b>CABLE LENGTH</b> <b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
FLASHING LIGHT	=100/7.8	-X6	3	1	=100+M-00H3	X1	=100/7.8	FLASHING LIGHT
FLASHING LIGHT	=100/7.8	-X6	4	2	=100+M-00H3	X2	=100/7.8	FLASHING LIGHT
				3				

# INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME **-08W8** CABLE TYPE **H07RN-F**

REMARK NO. OF CORES **3** CROSS SECTION **1.5** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				<b>GNYE</b>				
MOTOR PROTECTION RELAY	=100/8.7	-X5	2	BU	=100+M-1R1		=100/8.6	MOTOR PROTECTION RELAY
MOTOR PROTECTION RELAY	=100/8.6	-X5	1	BN	=100+M-1R1		=100/8.6	MOTOR PROTECTION RELAY

DATE 18.Apr.2012		KLEEMANN GMBH				-08W8		KLEEMANN SERIES <b>K007</b>		= <b>KAB</b>		+	
EDITED JHE		MOBICAT MC 120 Z EU EPS						KLEEMANN MATERIAL NO <b>M10013389_01_EPS</b>		CAE-SYSTEM: EPLAN 5.70		PG. 26	
CONTR. D. MALLKOWSKY												PG. 56	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						



**INTERCONNECTION DIAGRAM**

CABLE NAME				CABLE TYPE					
-10W2				H07RN-F					
REMARK				NO. OF CORES		CROSS SECTION		CABLE LENGTH	
				5		4		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
MAGNET	=100/10.5	-X1	PE	GNYE	=100+M-2Y1	PE	=100/10.4	MAGNETIC BELT 2	
MAGNET	=100/10.4	-X1	7	BU	=100+M-2Y1	N	=100/10.4	MAGNETIC BELT 2	
MAGNET	=100/10.4	-X1	5	BN	=100+M-2Y1	L2	=100/10.4	MAGNETIC BELT 2	
MAGNET	=100/10.4	-X1	4	BK	=100+M-2Y1	L1	=100/10.4	MAGNETIC BELT 2	
MAGNET	=100/10.4	-X1	6	GY	=100+M-2Y1	L3	=100/10.4	MAGNETIC BELT 2	

		DATE	18.Apr.2012	KLEEMANN GMBH			KLEEMANN SERIES	K007	= KAB	+
		EDITED	JHE							
		CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z EU EPS						
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70
										PG. 28
										PG. 56



-10W2



**INTERCONNECTION DIAGRAM**

CABLE NAME **-11W1** CABLE TYPE **H07RN-F**

REMARK NO. OF CORES **4** CROSS SECTION **6** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
CONVEYOR BELT 4	=100/11.2	-4X1	PE	GNYE	=100+M-4M1	PE	=100/11.2	CONVEYOR BELT 4
CONVEYOR BELT 4	=100/11.1	-4X1	2	BN	=100+M-4M1	V	=100/11.2	CONVEYOR BELT 4
CONVEYOR BELT 4	=100/11.1	-4X1	1	BK	=100+M-4M1	U	=100/11.1	CONVEYOR BELT 4
CONVEYOR BELT 4	=100/11.1	-4X1	3	GY	=100+M-4M1	W	=100/11.2	CONVEYOR BELT 4

DATE	18.Apr.2012	KLEEMANN GMBH	 	-11W1	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:
CONTR.	D. MALLKOWSKY							PG. 30
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	PG. 56

INTERCONNECTION DIAGRAM

CABLE NAME	-11W2	CABLE TYPE	H07RN-F
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REMARK		NO. OF CORES	3	CROSS SECTION	1.5	CABLE LENGTH	-
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				GNYE				
CONVEYOR BELT 4	=100/11.2	-4X1	6	BU	=100+M-4M1		=100/11.2	CONVEYOR BELT 4
CONVEYOR BELT 4	=100/11.2	-4X1	5	BN	=100+M-4M1		=100/11.2	CONVEYOR BELT 4

DATE	18.Apr.2012	KLEEMANN GMBH					-11W2	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS						KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 31
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.						PG. 56	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				



**INTERCONNECTION DIAGRAM**

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME <b>-11W3</b>	CABLE TYPE <b>H07RN-F</b>
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REMARK	NO. OF CORES <b>4</b>	CROSS SECTION <b>1</b>	CABLE LENGTH <b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
VIBRATING CHUTE/CRUSHER 5	=100/11.4	-X1	PE	GNYE	=100+M-5M1	PE	=100/11.4	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.4	-X1	9	BN	=100+M-5M1	V	=100/11.4	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.4	-X1	8	BK	=100+M-5M1	U	=100/11.4	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.4	-X1	10	GY	=100+M-5M1	W	=100/11.4	VIBRATING CHUTE/CRUSHER 5

DATE	18.Apr.2012	KLEEMANN GMBH	 	-11W3	KLEEMANN SERIES <b>K007</b>	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS		 		KLEEMANN MATERIAL NO <b>M10013389_01_EPS</b>	CAE-SYSTEM: EPLAN 5.70	PG. 32
CONTR.	D. MALLKOWSKY							
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

# INTERCONNECTION DIAGRAM

CABLE NAME <b>-11W4</b>	CABLE TYPE <b>H07RN-F</b>
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REMARK	NO. OF CORES <b>3</b>	CROSS SECTION <b>1.5</b>	CABLE LENGTH <b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				GNYE				
VIBRATING CHUTE/CRUSHER 5	=100/11.5	-X5	4	BU	=100+M-5M1		=100/11.4	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.5	-X5	3	BN	=100+M-5M1		=100/11.4	VIBRATING CHUTE/CRUSHER 5

	DATE	18.Apr.2012	KLEEMANN GMBH			-11W4	KLEEMANN SERIES	K007	= KAB	
	EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	PG. 33
	CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			EPLAN 5.70		PG. 56
MODIFICAT.	DATE	NAME	NORM	DIN						

INTERCONNECTION DIAGRAM

CABLE NAME <b>-11W5</b>					CABLE TYPE <b>H07RN-F</b>					
REMARK					NO. OF CORES <b>4</b>		CROSS SECTION <b>1.5</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	PE	GNYE	=100+M-5M2	PE	=100/11.7	VIBRATING CHUTE/CRUSHER 5		
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	12	BN	=100+M-5M2	V	=100/11.7	VIBRATING CHUTE/CRUSHER 5		
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	11	BK	=100+M-5M2	U	=100/11.7	VIBRATING CHUTE/CRUSHER 5		
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	13	GY	=100+M-5M2	W	=100/11.7	VIBRATING CHUTE/CRUSHER 5		

DATE	18.Apr.2012	KLEEMANN GMBH	 	-11W5	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG. 34
CONTR.	D. MALLKOWSKY								PG. 56
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		

**INTERCONNECTION DIAGRAM**

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME **-11W6** CABLE TYPE **H07RN-F**

REMARK NO. OF CORES **3** CROSS SECTION **1.5** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				GNYE				
VIBRATING CHUTE/CRUSHER 5	=100/11.8	-X5	6	BU	=100+M-5M2		=100/11.7	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.8	-X5	5	BN	=100+M-5M2		=100/11.7	VIBRATING CHUTE/CRUSHER 5

DATE	18.Apr.2012	KLEEMANN GMBH	 	-11W6	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY							PG.	56
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		

**INTERCONNECTION DIAGRAM** TPS\_N\_20.SKN / 2005-07-25

CABLE NAME **-12W1** CABLE TYPE **H07RN-F**

REMARK NO. OF CORES **4** CROSS SECTION **1.5** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
CONVEYOR BELT 6	=100/12.2	-X1	PE	GNYE	+M-6X1	PE	=100/12.2	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	-X1	15	BN	+M-6X1	2	=100/12.1	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	-X1	14	BK	+M-6X1	1	=100/12.1	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	-X1	16	GY	+M-6X1	3	=100/12.1	CONVEYOR BELT 6

# INTERCONNECTION DIAGRAM

CABLE NAME **-12W2** CABLE TYPE **H07RN-F**

REMARK NO. OF CORES **4** CROSS SECTION **1.5** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
CONVEYOR BELT 6	=100/12.2	+M-6X1	PE	GNYE	=100+M-6M1	PE	=100/12.1	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	+M-6X1	2	BN	=100+M-6M1	V	=100/12.1	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	+M-6X1	1	BK	=100+M-6M1	U	=100/12.1	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	+M-6X1	3	GY	=100+M-6M1	W	=100/12.1	CONVEYOR BELT 6

INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME	-12W3	CABLE TYPE	H07RN-F
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REMARK		NO. OF CORES	4	CROSS SECTION	1.5	CABLE LENGTH	-
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
CONVEYOR BELT 6	=100/12.2	-X1	PE	GNYE	=100+M-6X2	PE	=100/12.3	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	-X1	15	BN	=100+M-6X2	2	=100/12.2	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	-X1	14	BK	=100+M-6X2	1	=100/12.2	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	-X1	16	GY	=100+M-6X2	3	=100/12.2	CONVEYOR BELT 6

DATE	18.Apr.2012	KLEEMANN GMBH	 	-12W3	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG. 38
CONTR.	D. MALLKOWSKY				REP.T.				PG. 56
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		

# INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME <b>-12W4</b>						CABLE TYPE <b>H07RN-F</b>					
REMARK						NO. OF CORES <b>4</b>		CROSS SECTION <b>6</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT			
VIBRATING SCREEN 7	=100/12.4	-X1	PE	GNYE	=100+M-7M1	PE	=100/12.4	VIBRATING SCREEN 7			
VIBRATING SCREEN 7	=100/12.4	-X1	18	BN	=100+M-7M1	V1	=100/12.4	VIBRATING SCREEN 7			
VIBRATING SCREEN 7	=100/12.4	-X1	17	BK	=100+M-7M1	U1	=100/12.4	VIBRATING SCREEN 7			
VIBRATING SCREEN 7	=100/12.4	-X1	19	GY	=100+M-7M1	W1	=100/12.4	VIBRATING SCREEN 7			

DATE	18.Apr.2012	KLEEMANN GMBH MOBICAT MC 120 Z EU EPS			-12W4	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JHE					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	39
CONTR.	D. MALLKOWSKY								PG.	56
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			



**INTERCONNECTION DIAGRAM**

CABLE NAME	<b>-12W5</b>	CABLE TYPE	<b>H07RN-F</b>
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REMARK		NO. OF CORES	<b>3</b>	CROSS SECTION	<b>1.5</b>	CABLE LENGTH	<b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				GNYE				
VIBRATING SCREEN 7	=100/12.5	-X5	8	BU	=100+M-7M1		=100/12.4	VIBRATING SCREEN 7
VIBRATING SCREEN 7	=100/12.5	-X5	7	BN	=100+M-7M1		=100/12.4	VIBRATING SCREEN 7

# INTERCONNECTION DIAGRAM

<b>CABLE NAME</b> -13W1	<b>CABLE TYPE</b> H07RN-F
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<b>REMARK</b>	<b>NO. OF CORES</b> 4	<b>CROSS SECTION</b> 1.5	<b>CABLE LENGTH</b> -
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
HYDRAULIC 9	=100/13.2	-X1	PE	GNYE	=100+M-9M1	PE	=100/13.1	HYDRAULIC 9
HYDRAULIC 9	=100/13.1	-X1	21	BN	=100+M-9M1	V	=100/13.1	HYDRAULIC 9
HYDRAULIC 9	=100/13.1	-X1	20	BK	=100+M-9M1	U	=100/13.1	HYDRAULIC 9
HYDRAULIC 9	=100/13.1	-X1	22	GY	=100+M-9M1	W	=100/13.1	HYDRAULIC 9

		DATE	18.Apr.2012	KLEEMANN GMBH	 	-13W1	KLEEMANN SERIES	K007	= KAB	+
		EDITED	JHE	MOBICAT MC 120 Z EU EPS			KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		PG. 56	

## INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

<b>CABLE NAME</b> -13W2	<b>CABLE TYPE</b> H07RN-F
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<b>REMARK</b>	<b>NO. OF CORES</b> 3	<b>CROSS SECTION</b> 1.5	<b>CABLE LENGTH</b> -
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
WATERPUMP 10	=100/13.5	-X1	PE	GNYE	=100+M-WP	PE	=100/13.4	HYDRAULIC 9
WATERPUMP 10	=100/13.5	-X1	24	BU	=100+M-WP	N	=100/13.4	HYDRAULIC 9
WATERPUMP 10	=100/13.4	-X1	23	BN	=100+M-WP	L1	=100/13.4	HYDRAULIC 9

			DATE 18.Apr.2012	KLEEMANN GMBH			-13W2	KLEEMANN SERIES K007	= KAB	+	
			EDITED JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 42
MODIFICAT.	DATE	NAME	NORM				DIN	ORIGIN	REP.F.	REP.T.	

INTERCONNECTION DIAGRAM

CABLE NAME	<b>-13W3</b>	CABLE TYPE	<b>H07RN-F</b>
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REMARK	NO. OF CORES	CROSS SECTION	CABLE LENGTH
	<b>4</b>	<b>1.5</b>	<b>-</b>

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
OVERPRESSURE FAN	=100/13.7	-X1	PE	GNYE	=100+M-13M1	PE	=100/13.7	OVERPRESSURE FAN
OVERPRESSURE FAN	=100/13.7	-X1	26	BN	=100+M-13M1	V	=100/13.7	OVERPRESSURE FAN
OVERPRESSURE FAN	=100/13.7	-X1	25	BK	=100+M-13M1	U	=100/13.7	OVERPRESSURE FAN
OVERPRESSURE FAN	=100/13.7	-X1	27	GY	=100+M-13M1	W	=100/13.7	OVERPRESSURE FAN

DATE		18.Apr.2012	KLEEMANN GMBH		 	-13W3	KLEEMANN SERIES		K007	= KAB	+
EDITED		JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO		M10013389_01_EPS		
CONTR.		D. MALLKOWSKY	ORIGIN	REP.F.			REP.T.				PG. 43
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 56



# INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME	-14W2	CABLE TYPE	H07RN-F
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REMARK		NO. OF CORES	3	CROSS SECTION	1.5	CABLE LENGTH	-
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				GNYE				
VIBRATING FEEDER 8 DRIVE LEFT	=100/14.3	-X5	10	BU	=100+M-8M1		=100/14.3	VIBRATING FEEDER 8 DRIVE LEFT
VIBRATING FEEDER 8 DRIVE LEFT	=100/14.2	-X5	9	BN	=100+M-8M1		=100/14.3	VIBRATING FEEDER 8 DRIVE LEFT

DATE	18.Apr.2012	KLEEMANN GMBH	 	-14W2	KLEEMANN SERIES	K007	= KAB		
EDITED	JHE	MOBICAT MC 120 Z EU EPS							
CONTR.	D. MALLKOWSKY				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.	45
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	PG.	56

0 1 2 3 4 5 6 7 8 9

**INTERCONNECTION DIAGRAM**

CABLE NAME <b>-14W3</b>	CABLE TYPE <b>OELFLEX FD855CP</b>		
REMARK	NO. OF CORES <b>4G+Schirm</b>	CROSS SECTION <b>2.5</b>	CABLE LENGTH <b>-</b>

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X8	4	1	=100+M-8M2	U1	=100/14.4	VIBRATING FEEDER 8 DRIVE RIGHT
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X8	5	2	=100+M-8M2	V1	=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X8	6	3	=100+M-8M2	W1	=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.5	-X8	PE	PE	=100+M-8M2	PE	=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT
				SH				

DATE	18.Apr.2012	KLEEMANN GMBH		-14W3	KLEEMANN SERIES <b>K007</b>	<b>= KAB</b>	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS					
CONTR.	D. MALLKOWSKY				KLEEMANN MATERIAL NO <b>M10013389_01_EPS</b>	CAE-SYSTEM: EPLAN 5.70	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.

INTERCONNECTION DIAGRAM

CABLE NAME **-14W4** CABLE TYPE **H07RN-F**

REMARK NO. OF CORES **3** CROSS SECTION **1.5** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				GNYE				
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X5	11	BU	=100+M-8M2		=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X5	12	BN	=100+M-8M2		=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT

DATE	18.Apr.2012	KLEEMANN GMBH	 	-14W4	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS		KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM:	EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			PG.	56
MODIFICAT.	DATE	NAME	NORM	DIN				



INTERCONNECTION DIAGRAM

CABLE NAME -36W1					CABLE TYPE UNITRONIC					
REMARK					NO. OF CORES 3+Schirm		CROSS SECTION 0.5		CABLE LENGTH -	

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				WH				
LIGHT BARRIER CRUSHER	=100/36.3	-XLS	4	BN	=100+M-LR	8	=100/36.3	
LIGHT BARRIER CRUSHER	=100/36.3	-XLS	3	GN	=100+M-LR	6	=100/36.3	
				SH				

DATE	18.Apr.2012	KLEEMANN GMBH			 	-36W1	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS					KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	56

### INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME <b>-36W2</b>	CABLE TYPE <b>UNITRONIC</b>
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REMARK	NO. OF CORES <b>3+Schirm</b>	CROSS SECTION <b>0.5</b>	CABLE LENGTH <b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				WH				
LIGHT BARRIER CRUSHER	=100/36.4	-XLS	2	BN	=100+M-LT	5	=100/36.4	LIGHT BARRIER CRUSHER
LIGHT BARRIER CRUSHER	=100/36.4	-XLS	1	GN	=100+M-LT	7	=100/36.4	LIGHT BARRIER CRUSHER
				SH				

# INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME <b>-37W1</b>				CABLE TYPE <b>H07RN-F</b>					
REMARK				NO. OF CORES <b>4</b>		CROSS SECTION <b>4</b>		CABLE LENGTH <b>-</b>	

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				GNYE				
				BN				
SUPPLY 24V	=100/37.0	-XG	30	BK	+M-XG	30	=100/37.0	SUPPLY 24V
SUPPLY 0V	=100/37.1	-XG	31	GY	+M-XG	31	=100/37.1	SUPPLY 0V

**INTERCONNECTION DIAGRAM**

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME **-37W2** CABLE TYPE **OELFLEX 110**

REMARK NO. OF CORES **18G** CROSS SECTION **1** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
DYNAMO	=100/37.3	-XG	61	1	+M-XG	61	=100/37.3	DYNAMO
START	=100/37.4	-XG	50	2	+M-XG	50	=100/37.4	START
RELEASE	=100/37.6	-XG	3	3	+M-XG	3	=100/37.6	RELEASE
	=100/38.2	-XG	5	4	+M-XG	5	=100/38.2	
PREWARNING OVERTEMPERATURE	=100/38.2	-XG	7	5	+M-XG	7	=100/38.2	PREWARNING OVERTEMPERATURE
COOLING WATER LOW LEWEL	=100/38.3	-XG	8	6	+M-XG	8	=100/38.3	COOLING WATER LOW LEWEL
COOLING WATER LOW LEWEL	=100/38.4	-XG	7.1	7	+M-XG	7.1	=100/38.4	COOLING WATER LOW LEWEL
COOLING WATER LOW LEWEL	=100/38.5	-XG	5.1	8	+M-XG	5.1	=100/38.5	COOLING WATER LOW LEWEL
AIR FILTER PLUGGES	=100/40.6	-XG	11	9	+M-XG	11	=100/40.6	AIR FILTER PLUGGES
FUEL LEVEL	=100/40.7	-XG	18	10	+M-XG	18	=100/40.7	FUEL LEVEL
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				PE				

DATE	18.Apr.2012	KLEEMANN GMBH	 	-37W2	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY							PG. 51
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	PG. 56



**INTERCONNECTION DIAGRAM**

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME				CABLE TYPE					
<b>-41W2</b>				<b>OELFLEX 540P</b>					
REMARK				NO. OF CORES		CROSS SECTION		CABLE LENGTH	
				<b>5G</b>		<b>0.75</b>		<b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
RUN CHAIN LEFT (MANUAL)	=100/41.8	-X22	A2	1	=100+M-Y5B	A2	=100/41.7	RUN CHAIN RIGHT (REMOTE)	
RUN CHAIN LEFT (MANUAL)	=100/41.8	-X22	B2	2	=100+M-Y5B	B2	=100/41.7	RUN CHAIN RIGHT (REMOTE)	
RUN CHAIN LEFT (REMOTE)	=100/41.6	-XF	C2	3	=100+M-Y5B	C2	=100/41.7	RUN CHAIN RIGHT (REMOTE)	
RUN CHAIN LEFT (REMOTE)	=100/41.5	-XF	D2	4	=100+M-Y5B	D2	=100/41.7	RUN CHAIN RIGHT (REMOTE)	
				PE					

# INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME <b>-41W3</b>					CABLE TYPE <b>OELFLEX 540P</b>					
REMARK					NO. OF CORES <b>5G</b>		CROSS SECTION <b>0.75</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
RUN CHAIN RIGHT (MANUAL)	=100/41.7	-X22	A1	1	=100+M-Y4B	A1	=100/41.6	RUN CHAIN RIGHT (REMOTE)		
RUN CHAIN RIGHT (MANUAL)	=100/41.7	-X22	B1	2	=100+M-Y4B	B1	=100/41.6	RUN CHAIN RIGHT (REMOTE)		
RUN CHAIN RIGHT (REMOTE)	=100/41.7	-XF	D1	3	=100+M-Y4B	D1	=100/41.6	RUN CHAIN RIGHT (REMOTE)		
RUN CHAIN RIGHT (REMOTE)	=100/41.6	-XF	C1	4	=100+M-Y4B	C1	=100/41.6	RUN CHAIN RIGHT (REMOTE)		
				PE						

INTERCONNECTION DIAGRAM

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME -41W4 CABLE TYPE OELFLEX 110

REMARK NO. OF CORES 7G CROSS SECTION 1.5 CABLE LENGTH -

Table with columns: FUNCTION TEXT, PAGE/PATH, DESTINATION DESIGNATION FROM, CONNECTION, CORE, DESTINATION DESIGNATION TO, CONNECTION, PAGE/PATH, FUNCTION TEXT. Rows include EINSPEISUNG 24V DC, EINSPEISUNG 0V DC, and RUN CHAIN LEFT/RIGHT (MANUAL).

54

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**INTERCONNECTION DIAGRAM**

TPS\_N\_20.SKN / 2005-07-25

CABLE NAME	-41W5	CABLE TYPE	OELFLEX 110
REMARK		NO. OF CORES	3G
		CROSS SECTION	0.75
		CABLE LENGTH	-

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
BRACKE VALVE	=100/41.9	-XB	1	1	=100+M-Y3	1	=100/41.9	BRACKE VALVE
BRACKE VALVE	=100/41.9	-XB	2	2	=100+M-Y3	2	=100/41.9	BRACKE VALVE
				3				

55			DATE	18.Apr.2012	KLEEMANN GMBH	 	-41W5	KLEEMANN SERIES	K007	= KAB	+
			EDITED	JHE							
			CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z EU EPS						
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG. 56 PG. 56

=STK/1

# Part's list

TPLSTK02 02.04.2003

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
-XOUT	1	Anbaugehaeuse 16-pol. mit 2 Buegeln	ILME GmbH	M10020941	=A0/19.6	CHI 16
-XOUT	1	Tuellengehaeuse 16-pol. mit Bolzen, seitlicher Kabelausgang	ILME GmbH	M10011806	=A0/19.6	CHO 16
-XOUT	1	Buchseneinsatz 16-polig +PE 16A max, 400V	ILME GmbH	M10011811	=A0/19.6	CNF 16
-XOUT	1	Stifteinsatz 16-polig +PE 16A max, 400V	ILME GmbH	M10011812	=A0/19.6	CNM 16
-3X2	1	Tuellengehaeuse 4-pol. +PE mit Buegel und Verschraubung, Metall	ILME GmbH	M10011803	=A0/19.6	CKA 03 VGS
-3X2	1	Stifteinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011804	=A0/19.6	CKM 04
-3X2	1	Buchseneinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011805	=A0/19.6	CKF 04
-4X1	1	Stifteinsatz 4+2-polig +PE 80A max+16A max, 400V	ILME GmbH	CXM 4/2	=A0/19.6	CXM 4/2
-4X1	1	Buchseneinsatz 4+2-polig +PE 80A max+16A max, 400V	ILME GmbH	CXF 4/2	=A0/19.6	CXF 4/2
-4X1	1	Anbaugehaeuse 16-pol. mit 2 Buegeln	ILME GmbH	M10020941	=A0/19.6	CHI 16
-4X1	1	Tuellengehaeuse M32 mit Bolzen für 2 Bügel	ILME GmbH	MHO 16.32	=A0/19.6	MHO 16.32
-4X2	1	Stifteinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011804	=A0/19.6	CKM 04
-4X2	1	Buchseneinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011805	=A0/19.6	CKF 04
-4X2	1	Anbaugehaeuse ohne Kabelausgang	ILME GmbH	CKAX 03 IA	=A0/19.6	CKAX 03 IA
-4X2	1	Tuellengehaeuse mit Bolzen	ILME GmbH	MKA V20	=A0/19.6	MKA V20
=100-00XA1	1	Anschlussadapter 800A, ~690V, UL508, 3x1polig	Rittal GmbH & Co. KG	SV 9342.310	=100/1.1	SV 9342.310
=100-00XA1	4	Sammelschienenhalter 3polig 60mm Schienenabstand	Rittal GmbH & Co. KG	2196966	=100/1.1	SV 9340.000
=100-00XA1	2	Endabdeckung	Rittal GmbH & Co. KG	2196968	=100/1.1	SV 9340.070
=100-00Q1	1	Lasttrennschalter 630A, 690 VAC PN3-630 3-polig	Moeller	PN3-630	=100/1.1	PN3-630
=100-00Q1	1	Hauptschalterbausatz f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XHB	=100/1.1	NZM3-XHB
=100-00Q1	1	Rahmenklemme für Leistungsschalter NZM3 und Lasttrennschalter PN3, N3	Moeller	NZM3-XKC	=100/1.1	NZM3-XKC
=100-00Q1	1	Abdeckung f. NZM3, N3	Moeller	NZM3-XKSA	=100/1.1	NZM3-XKSA
=100-00Q1	1	Mechanische Verriegelung f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XMV	=100/1.1	NZM3-XMV
=100-00Q1	1	Bowdenzug für mechanische Verriegelung	Moeller	NZM-XBZ225	=100/1.1	NZM-XBZ225
=100-00Q1	1	Kontaktelement 1S Front M22-CK10	Moeller	M10016214	=100/1.1	M22-CK10
=100-00XA2	1	Anschlussadapter 800A, ~690V, UL508, 3x1polig	Rittal GmbH & Co. KG	SV 9342.310	=100/1.4	SV 9342.310
=100-00Q1.1	1	Lasttrennschalter 630A, 690 VAC PN3-630 3-polig	Moeller	PN3-630	=100/1.4	PN3-630
=100-00Q1.1	1	Hauptschalterbausatz f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XHB	=100/1.4	NZM3-XHB
=100-00Q1.1	1	Mechanische Verriegelung f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XMV	=100/1.4	NZM3-XMV
=100-00Q1.1	1	Abdeckung f. NZM3, N3	Moeller	NZM3-XKSA	=100/1.4	NZM3-XKSA
=100-00Q1.1	1	Rahmenklemme für Leistungsschalter NZM3 und Lasttrennschalter PN3, N3	Moeller	NZM3-XKC	=100/1.4	NZM3-XKC
=100-0F10	1	SV Reitersicherungselement Typ D 02-E 18	Rittal GmbH & Co. KG	M10011818	=100/1.7	SV 3418.000
=100-0F10	2	Seitliche Abdeckung	Rittal GmbH & Co. KG	M00000008	=100/1.7	SV 3093.000
=100-0F10	3	NEOZED Huelseinsatz 10A Sockel D02	Lindner	M10021293	=100/1.7	1706.01
=100-0F10	3	NEOZED-Sicherungseinsatz D01, 10A 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/1.7	1701.01
=100-0F10	3	NEOZED Schraubkappe Kunststoff D02, 63A, E18, mit Pruefloch	Siemens	5SH4163	=100/1.7	5SH4163
=100-0F10	1	Beruehrungsschutzabdeckung Typ D 02-E 18	Rittal GmbH & Co. KG	SV 3419.000	=100/1.7	SV 3419.000
=100-0T4	1	Gleichstromversorgung DC 480-780V, AC 340-550V/2A 24V DC/40A	Wago GmbH & Co. KG	787-844	=100/1.7	WAGO 787-844
=100-0P1	1	Amperemeter 800/1600/5A	Langer	M10009940	=100/2.0	RQ 72 E 800/1600/5A
=100-0T02	1	Summenstromwandler 500mA fuer FI-Relais Typ MFR	Doepke	MFIW 105/0,5	=100/2.1	MFIW 105/0,5
=100-0Q1	1	Leistungsschalter 3p 630A BG3 NZMN3-AE630	Moeller	M10017488	=100/2.1	NZMN3-AE630
=100-0Q1	1	Unterspannungsausloeser mit 2 VHI NZM2/3-XUHIVC380-440AC	Moeller	M10017491	=100/2.1	NZM2/3-XUHIVC380-440AC
=100-0Q1	1	Hauptschalterbausatz f. NZM3(-4), PN3(-4), N3(-4)	Moeller	M10017494	=100/2.1	NZM3-XHBR
=100-0Q1	1	Kontaktelement 1S Front M22-CK10	Moeller	M10016214	=100/2.1	M22-CK10
=100-0T01	1	Stromwandler AC 40 800/5A	Langer	M00000010	=100/2.1	TAC 40 800/5A
=100-0F00	1	NEOZED Einbau-Sicherungssockel, 3-polig, D01, 16A, E14, mit Isolierstoffdeckel	Lindner	M10021284	=100/2.2	1730.172
=100-0F00	2	NEOZED Huelseinsatz 2A Sockel D01	Lindner	M10021286	=100/2.2	1705.002
=100-0F00	2	NEOZED-Sicherungseinsatz D01, 2A 400VAC/250VDC, gL-gG	Lindner	M10006604	=100/2.2	1700.002
=100-0F00	2	NEOZED Schraubkappe Porzellan D01, 16A, E14, mit Pruefloch	Lindner	M10011893	=100/2.2	1710.0002
=100-PE	2	Sammelschienenhalter 1polig	Rittal GmbH & Co. KG	SV 9340.030	=100/2.2	SV 9340.030

=KAB/56

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DATE	18.Apr.2012	KLEEMANN GMBH		 	STUECKLISTE	KLEEMANN SERIES	K007	= STK	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14
MODIFICAT.	DATE	NAME	NORM	DIN					

# Part's list

TPLSTK02 02.04.2003

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-0F01	1	FI-Steuerschalter 2S, 500V, 16A	Doepke	M10016345	=100/2.3	MFR
=100-0F09	1	NEOZED Huelseinsatz 2A Sockel D01	Lindner	M10021286	=100/2.4	1705.002
=100-0F09	1	NEOZED-Sicherungseinsatz D01, 2A 400VAC/250VDC, gL-gG	Lindner	M10006604	=100/2.4	1700.002
=100-0F09	1	NEOZED Schraubkappe Porzellan D01, 16A, E14, mit Pruefloch	Lindner	M10011893	=100/2.4	1710.0002
=100-P5	1	Betriebsstundenzaehler 230V AC	ABB AG	M10011840	=100/2.4	E233-230
=100-0F06	1	NEOZED Einbau-Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Lindner	M10021282	=100/3.1	1720.17
=100-0F06	1	NEOZED Huelseinsatz 6A Sockel D01	Lindner	M10021288	=100/3.1	1705.006
=100-0F06	1	NEOZED-Sicherungseinsatz D01, 6A 400VAC/250VDC, gL-gG	Lindner	M10004051	=100/3.1	1700.006
=100-0F06	1	NEOZED Schraubkappe Porzellan D01, 16A, E14, mit Pruefloch	Lindner	M10011893	=100/3.1	1710.0002
=100-0F07	1	NEOZED Einbau-Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Lindner	M10021282	=100/3.3	1720.17
=100-0F07	1	NEOZED Huelseinsatz 6A Sockel D01	Lindner	M10021288	=100/3.3	1705.006
=100-0F07	1	NEOZED-Sicherungseinsatz D01, 6A 400VAC/250VDC, gL-gG	Lindner	M10004051	=100/3.3	1700.006
=100-0F07	1	NEOZED Schraubkappe Porzellan D01, 16A, E14, mit Pruefloch	Lindner	M10011893	=100/3.3	1710.0002
=100-0F08	1	NEOZED Einbau-Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Lindner	M10021282	=100/3.5	1720.17
=100-0F08	1	NEOZED-Sicherungseinsatz D01, 10A 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/3.5	1701.01
=100-0F08	1	NEOZED Schraubkappe Porzellan D01, 16A, E14, mit Pruefloch	Lindner	M10011893	=100/3.5	1710.0002
=100-0F08	1	NEOZED Huelseinsatz 10A Sockel D01	Lindner	M10021289	=100/3.5	1705.01
=100-SX	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	M10021302	=100/3.7	3SB32 02-2KA11-0CC0
=100-SX	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/3.7	3SB39 21-0BA
=100-SX	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/3.7	3SB39 25-0AV
=100-KX	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/3.7	788-312
=100-0F03	3	NEOZED Sicherungseinsatz 35A D02, 400VAC/250VDC, gL-gG	Lindner	M10006607	=100/4.1	1701.035
=100-0F03	3	NEOZED Schraubkappe Porzellan D02, 63A, E18, mit Pruefloch	Lindner	M10011894	=100/4.1	1711.0002
=100-0F03	3	NEOZED Huelseinsatz 35A Sockel D02	Lindner	M10021297	=100/4.1	1706.035
=100-0F03	1	NEOZED Einbau-Sicherungssockel, 3-polig, D02, 63A, E18, mit Isolierstoffdeckel	Lindner	M10021285	=100/4.1	1731.272
=100-0F04	1	FI-Schutzschalter 400V 40A/30mA	Legrand	M10025396	=100/4.1	DX 40A 40/0,03
=100-0X4	1	Anbausteckdose 5-pol 32A, 400V	Hilpress GmbH	56024	=100/4.1	56024
=100-0F05	1	NEOZED Einbau-Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Lindner	M10021282	=100/4.3	1720.17
=100-0F05	1	NEOZED-Sicherungseinsatz D01, 16A 400VAC/250VDC, gL-gG	Lindner	M10006605	=100/4.3	1700.016
=100-0F05	1	NEOZED Schraubkappe Porzellan D01, 16A, E14, mit Pruefloch	Lindner	M10011893	=100/4.3	1710.0002
=100-0X5	1	Anbausteckdose 2-pol 16A, 250V	Hilpress GmbH	M10009114	=100/4.3	56090
=100-0F0	1	NH-Sicherungsasttrenner Gr.00 160A, 690V	Rittal GmbH & Co. KG	SV 9343.010	=100/5.1	SV 9343.010
=100-0F0	3	NH-Sicherungseinsatz Gr.000 100A 500V AC/250V DC/gL/gG	Siemens	3NA7 830	=100/5.1	3NA7 830
=100-0X1	1	Steckdose AD385X5S 5-pol 125A, 400V	ELSPRO GmbH	M10011844	=100/5.1	AD385X5S
=100-0F1	1	SV Reitersicherungselement Typ D 02-E 18	Rittal GmbH & Co. KG	M10011818	=100/5.4	SV 3418.000
=100-0F1	1	Seitliche Abdeckung	Rittal GmbH & Co. KG	M00000008	=100/5.4	SV 3093.000
=100-0F1	2	NEOZED Huelseinsatz 10A Sockel D02	Lindner	M10021293	=100/5.4	1706.01
=100-0F1	2	NEOZED-Sicherungseinsatz D01, 10A 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/5.4	1701.01
=100-0F1	2	NEOZED Schraubkappe Porzellan D02, 63A, E18, mit Pruefloch	Lindner	M10011894	=100/5.4	1711.0002
=100-0T1	1	Transformator 1-phasig 500VA prim. 400V/1,36A sek. 230V/2,2A	Block GmbH & Co.KG	M00000014	=100/5.4	ST 500/4/23
=100-0F1.3	1	Sicherungsautomat 1-polig Typ C 2A 400V AC/220V DC	Siemens	M10019972	=100/5.4	5SY6 102-7
=100-0F1.3	1	Hilfsschalter 1S 10E fuer LS-Schalter T=70mm	Siemens	M10019130	=100/5.4	5ST3 010
=100-0F02	1	SV Reitersicherungselement Typ D 02-E 18	Rittal GmbH & Co. KG	M10011818	=100/5.7	SV 3418.000
=100-0F02	1	Seitliche Abdeckung	Rittal GmbH & Co. KG	M00000008	=100/5.7	SV 3093.000
=100-0F02	2	NEOZED Huelseinsatz 2A Sockel D02	Lindner	M10021290	=100/5.7	1706.002
=100-0F02	2	NEOZED-Sicherungseinsatz D01, 2A 400VAC/250VDC, gL-gG	Lindner	M10006604	=100/5.7	1700.002
=100-0F02	2	NEOZED Schraubkappe Porzellan D02, 63A, E18, mit Pruefloch	Lindner	M10011894	=100/5.7	1711.0002
=100-0P2	1	Voltmeter 500V	Langer	M10006617	=100/5.7	RQ 72 E 500V
=100-0S00	1	Pilzdrucktaster rot 10E,rastend,Drehentriegelung	Siemens	M10015479	=100/6.6	3SB32 03-1HA20-0CC0
=100-0S00	2	Schaltelement mit 1 Schaltglied 1S	Siemens	M10017540	=100/6.6	3SB34 03-0B

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DATE	18.Apr.2012	KLEEMANN GMBH		 	STUECKLISTE	KLEEMANN SERIES	K007	= STK	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14
MODIFICAT.	DATE	NAME	NORM	DIN					

# Part's list

TPLSTK02 02.04.2003

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-0S00	1	Schutzkappe für Pilz-Drucktaster	Siemens	3SB19 02-2BH	=100/6.6	3SB19 02-2BH
=100-0S00	1	Schildtraeger für NOT-AUS Pilz-Drucktaster	Moeller	M22-XAK1	=100/6.6	M22-XAK1
=100-D1	1	Schaltgeraet, 230V 3S+1OE	Pilz GmbH & Co.	M10015064	=100/6.8	PNOZ X4
=100-0F2	1	NEOZED-Sicherungseinsatz D01, 10A 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/7.1	1701.01
=100-0F2	1	NEOZED Schraubkappe Porzellan D01, 16A, E14, mit Pruefloch	Lindner	M10011893	=100/7.1	1710.0002
=100-0F2	1	NEOZED Huelseinsatz 10A Sockel D01	Lindner	M10021289	=100/7.1	1705.01
=100-0F2	1	NEOZED Einbau-Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Lindner	M10021282	=100/7.1	1720.17
=100-K0.1	1	Hilfsschuetz SIRIUS 4S 24VDC Cage Clamp-Anschluss, o.Varistor	Siemens	M10018964	=100/7.1	3RH11 40-2BB40
=100-0F3	1	Sicherungsautomat 1-polig Typ C 6A 400V AC/220V DC	Siemens	M10019164	=100/7.3	5SY6 106-7
=100-0F3	1	Hilfsschalter 1S 1OE fuer LS-Schalter T=70mm	Siemens	M10019130	=100/7.3	5ST3 010
=100-0S1	1	Schluesselschalter, O-I Ronis 1S mit Halter	Siemens	M10021350	=100/7.3	3SB32 02-4AD11-0CC0
=100-0S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/7.3	3SB39 25-0AV
=100-0K1	1	Motorschuetz 3kW/400V AC 3H 1S 24V DC, ohne Varistor, Cage-Clamp	Siemens	M10013763	=100/7.3	3RT10 15-2BB41
=100-0K1	1	Hilfsschalterblock 2S+2OE Cage-Clamp-Anschluss	Siemens	M10019973	=100/7.3	3RH19 11-2FA22
=100-GF2	1	NEOZED-Sicherungseinsatz D01, 10A 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/7.5	1701.01
=100-GF2	1	NEOZED Schraubkappe Porzellan D01, 16A, E14, mit Pruefloch	Lindner	M10011893	=100/7.5	1710.0002
=100-GF2	1	NEOZED Huelseinsatz 10A Sockel D01	Lindner	M10021289	=100/7.5	1705.01
=100-GF2	1	NEOZED Einbau-Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Lindner	M10021282	=100/7.5	1720.17
=100-0F4	1	NEOZED-Sicherungseinsatz D01, 2A 400VAC/250VDC, gL-gG	Lindner	M10006604	=100/7.7	1700.002
=100-0F4	1	NEOZED Schraubkappe Porzellan D01, 16A, E14, mit Pruefloch	Lindner	M10011893	=100/7.7	1710.0002
=100-0F4	1	NEOZED Huelseinsatz 2A Sockel D01	Lindner	M10021286	=100/7.7	1705.002
=100-0F4	1	NEOZED Einbau-Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Lindner	M10021282	=100/7.7	1720.17
=100+M-00H2	1	Sirene 24V DC, 0,5A	Funke+Huster GmbH	M10011815	=100/7.7	KS 24
=100+M-00H3	1	Blitzlicht	Telemecanique	M10011814	=100/7.8	XVA L 6B5 C024
=100-1P1	1	Amperemeter 500/1000/5A	Langer	M10011872	=100/8.1	RQ 72 E 500/1000/5A
=100-1K01	1	Ueberwachungsrelais 1 Wechsler, 24-240V AC/DC, 0,1-10A AC/DC	Siemens	M10014275	=100/8.1	3UG46 22-2AW30
=100-1T1	1	Stromwandler AC 32 400/5A	Langer	TAC 32 400/5A	=100/8.3	TAC 32 400/5A
=100-1K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/8.7	ZEV
=100-1K0	1	Stromsensor 40-820A	Klöckner Moeller	M10019256	=100/8.7	ZEV-XSW-820
=100-1K0	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 800mm	Moeller	M10019257	=100/8.7	ZEV-XVK-80
=100-1KC1	1	Motorschuetz, 90kW/400V 3H, 2S+2OE, 220-240V AC/DC, mit Varistor	Siemens	3RT10 56-2AP36	=100/9.1	3RT10 56-2AP36
=100-1KT1	1	Zeitrelais 24V DC/AC,200...240V AC 1S+1S verzoeget, Cage Clamp	Siemens	M10013725	=100/9.3	3RP15 76-2NP30
=100-1KC2	1	Motorschuetz, 90kW/400V 3H, 2S+2OE, 220-240V AC/DC, mit Varistor	Siemens	3RT10 56-2AP36	=100/9.4	3RT10 56-2AP36
=100-1KC3	1	Motorschuetz, 75kW/400V 3H, 2S+2OE, 220-240V AC/DC, mit Varistor	Siemens	3RT10 55-2AP36	=100/9.6	3RT10 55-2AP36
=100-2Q1	1	Leistungsschalter 4,5-6,3A mit Hilfsschalter 1S+1OE	Siemens	M10013566	=100/10.1	3RV10 11-1GA15
=100-2Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/10.1	SV 9340.310
=100-2Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/10.1	SV 9342.850
=100-2F1	1	SV Reitersicherungselement Typ D 02-E 18	Rittal GmbH & Co. KG	M10011818	=100/10.4	SV 3418.000
=100-2F1	1	Seitliche Abdeckung	Rittal GmbH & Co. KG	M00000008	=100/10.4	SV 3093.000
=100-2F1	3	NEOZED Huelseinsatz 25A Sockel D02	Lindner	M10021296	=100/10.4	1706.025
=100-2F1	3	NEOZED Sicherungseinsatz 25A D02, 400VAC/250VDC, gL-gG	Lindner	M10006606	=100/10.4	1701.025
=100-2F1	3	NEOZED Schraubkappe Porzellan D02, 63A, E18, mit Pruefloch	Lindner	M10011894	=100/10.4	1711.0002
=100-3Q1	1	Leistungsschalter 11-16A mit Hilfsschalter	Siemens	M10013570	=100/10.7	3RV10 21-4AA15
=100-3Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/10.7	SV 9340.310
=100-3Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/10.7	SV 9342.850
=100-3X1	1	Anbausteckdose 3-pol +N+PE 16A, 415V	Hilpress GmbH	56022	=100/10.7	56022
=100-4Q1	1	Leistungsschalter 22-32A ohne Hilfsschalter,fuer Motorschutz	Siemens	M10018521	=100/11.1	3RV10 31-4EA10
=100-4Q1	1	Multifunktions-Geräteadapter 40A 54mm fuer 60mm Schienenabstand	Rittal GmbH & Co. KG	M10021127	=100/11.1	SV 9320.310
=100-4Q1	1	Querliegender Hilfsschalter 1S+1OE	Siemens	M10019971	=100/11.1	3RV19 01-1E
=100-4K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/11.3	ZEV

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DATE	18.Apr.2012	KLEEMANN GMBH		 	STUECKLISTE	KLEEMANN SERIES	K007	= STK	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14
MODIFICAT.	DATE	NAME	NORM	DIN					

# Part's list

TPLSTK02 02.04.2003

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-4K0	1	Stromsensor 2-65A	Klöckner Moeller	M10013727	=100/11.3	ZEV-XSW-65
=100-4K0	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 200mm	Moeller	M10013728	=100/11.3	ZEV-XVK-20
=100-5Q1	1	Leistungsschalter 7-10A mit Hilfsschalter	Siemens	M10013568	=100/11.4	3RV10 11-1JA15
=100-5Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/11.4	SV 9340.310
=100-5Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/11.4	SV 9342.850
=100-5K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/11.5	ZEV
=100-5K0	1	Stromsensor 1-25A	Klöckner Moeller	M10019255	=100/11.5	ZEV-XSW-25
=100-5K0	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 200mm	Moeller	M10013728	=100/11.5	ZEV-XVK-20
=100-5Q2	1	Leistungsschalter 7-10A mit Hilfsschalter	Siemens	M10013568	=100/11.7	3RV10 11-1JA15
=100-5Q2	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/11.7	SV 9340.310
=100-5Q2	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/11.7	SV 9342.850
=100-5K0.1	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/11.8	ZEV
=100-5K0.1	1	Stromsensor 1-25A	Klöckner Moeller	M10019255	=100/11.8	ZEV-XSW-25
=100-5K0.1	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 200mm	Moeller	M10013728	=100/11.8	ZEV-XVK-20
=100-6Q1	1	Leistungsschalter 11-16A mit Hilfsschalter	Siemens	M10013570	=100/12.1	3RV10 21-4AA15
=100-6Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/12.1	SV 9340.310
=100-6Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/12.1	SV 9342.850
=100-7F1	1	SV Reitersicherungselement Typ D 02-E 18	Rittal GmbH & Co. KG	M10011818	=100/12.4	SV 3418.000
=100-7F1	1	Seitliche Abdeckung	Rittal GmbH & Co. KG	M00000008	=100/12.4	SV 3093.000
=100-7F1	3	Sicherungseinsatz 63A D02, 400VAC/250VDC, gL-gG	Lindner	M10009493	=100/12.4	1701.063
=100-7F1	3	NEOZED Schraubkappe Porzellan D02, 63A, E18, mit Pruefloch	Lindner	M10011894	=100/12.4	1711.0002
=100-7K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/12.5	ZEV
=100-7K0	1	Stromsensor 2-65A	Klöckner Moeller	M10013727	=100/12.5	ZEV-XSW-65
=100-7K0	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 200mm	Moeller	M10013728	=100/12.5	ZEV-XVK-20
=100-9Q1	1	Leistungsschalter 7-10A mit Hilfsschalter	Siemens	M10013568	=100/13.1	3RV10 11-1JA15
=100-9Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/13.1	SV 9340.310
=100-9Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/13.1	SV 9342.850
=100-10Q1	1	Leistungsschalter 4,5-6,3A mit Hilfsschalter 1S+1OE	Siemens	M10013566	=100/13.4	3RV10 11-1GA15
=100-10Q1	1	OM Adapter 32A,690V, UL 508	Rittal GmbH & Co. KG	M10025431	=100/13.4	SV 9340.510
=100-10Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/13.4	SV 9342.850
=100-13Q1	1	Leistungsschalter 0,22-0,32A mit Hilfsschalter	Siemens	M10015340	=100/13.7	3RV10 11-0DA15
=100-13Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/13.7	SV 9340.310
=100-8Q1	1	Steuerschalter 4-pol 12kW 400V 32A	Moeller	M10013874	=100/14.1	T3-4-8223/E
=100-8A1	1	Frequenzumrichter 380-480V, 25/29A, 50-60Hz, 11/15kW	Control Techniques	M20000268	=100/14.2	SK 2403
=100-8F1	1	SV Reitersicherungselement Typ D 02-E 18	Rittal GmbH & Co. KG	M10011818	=100/14.2	SV 3418.000
=100-8F1	1	Seitliche Abdeckung	Rittal GmbH & Co. KG	M00000008	=100/14.2	SV 3093.000
=100-8F1	3	NEOZED Huelseinsatz 35A Sockel D02	Lindner	M10021297	=100/14.2	1706.035
=100-8F1	3	NEOZED Sicherungseinsatz 35A D02, 400VAC/250VDC, gL-gG	Lindner	M10006607	=100/14.2	1701.035
=100-8F1	3	NEOZED Schraubkappe Porzellan D02, 63A, E18, mit Pruefloch	Lindner	M10011894	=100/14.2	1711.0002
=100-8L1	1	Netzdroessel 28,8A, max.600V 50-60Hz	Control Techniques	KDD 0,4/N/600V/28,8A/4UK	=100/14.2	KDD 0,4/N/600V/28,8A/4UK
=100-8F2	1	Ueberlastrelais 7-10A, 1S+1OE f.Einzelaufstellung	Siemens	M10014903	=100/14.2	3RU1116-1JC1
=100-8F3	1	Ueberlastrelais 7-10A, 1S+1OE f.Einzelaufstellung	Siemens	M10014903	=100/14.4	3RU1116-1JC1
=100-RB	1	Bremswiderstand SP 100W 400V 37,5 Ohm	Control Techniques	M10020877	=100/14.7	SP
=100-8K0	1	Thermischer Maschinenschutz, 2 LED 1S+1OE, 24V DC, Cage Clamp-Anschluss	Siemens	M10014273	=100/15.3	3RN10 10-2CB00
=100-SC	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	M10021302	=100/17.1	3SB32 02-2KA11-0CC0
=100-SC	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/17.1	3SB39 21-0BA
=100-SC	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/17.1	3SB39 25-0AV
=100-A0_OP	1	Operator Panel 256kB Anwenderspeicher, 24V DC	VIPA GmbH	M10019119	=100/17.2	OP 03 603-1OP00
=100-A_FW	1	Fernwartungssystem	MB Connect Line	M20000333	=100/17.2	MDH 513
=100-A_FW	1	Verbindungskabel	MB Connect Line	8248	=100/17.2	8248

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DATE	18.Apr.2012	KLEEMANN GMBH		 	STUECKLISTE	KLEEMANN SERIES	K007	= STK	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14



# Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-A_FW	1	MPI Verbindungskabel 1,2m	MB Connect Line	KS 1.2/9	=100/17.2	KS 1.2/9
=100-A0_CPU	1	SPS-CPU mit MPI	VIPA GmbH	M10020750	=100/17.2	VIPA 214-1BA02
=100-A0_CPU	1	Busverbinder 4-fach	VIPA GmbH	290-0AA40	=100/17.2	290-0AA40
=100-A0_CPU	1	Busverbinder 8-fach	VIPA GmbH	290-0AA80	=100/17.2	290-0AA80
=100-A0_2	1	Ein-/ausgabebaugruppe SM 238	VIPA GmbH	M10020887	=100/17.2	SM 238-2BC00
=100-A0_3	1	Digitalausgabebaugruppe SM 222	VIPA GmbH	M10021058	=100/17.4	SM 222-1BH10
=100-A0_4	1	Digitaleingabebaugruppe SM 221	VIPA GmbH	M10021059	=100/17.4	SM 221-2BL10
=100-A0_5	1	Digitaleingabebaugruppe SM 221	VIPA GmbH	M10021059	=100/17.5	SM 221-2BL10
=100-A0_6	1	Digitalausgabebaugruppe SM 222	VIPA GmbH	M10021060	=100/17.6	SM 222-2BL10
=100-1K1	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/22.1	788-312
=100-1K08	1	Motorschuetz 3kW/400V AC	Siemens	M10018716	=100/22.5	3RT10 15-2BB42
=100-2KC1	1	Motorschuetz 3kW/400V AC	Siemens	M10018716	=100/23.1	3RT10 15-2BB42
=100-2KC2	1	Motorschuetz 3kW/400V AC	Siemens	M10018716	=100/23.2	3RT10 15-2BB42
=100-3KC1	1	Motorschuetz, 5,5kW/400V	Siemens	M10014901	=100/23.3	3RT10 17-2BB41
=100-2KC3	1	Motorschuetz 11kW/400V	Siemens	M10013765	=100/23.4	3RT10 26-3BB40
=100-4KC1	1	Motorschuetz 15kW/400V	Siemens	M10013766	=100/23.5	3RT10 34-3BB40
=100-5KC1	1	Motorschuetz, 4kW/400V	Siemens	M10014900	=100/23.6	3RT10 16-2BB41
=100-5KC2	1	Motorschuetz, 4kW/400V	Siemens	M10014900	=100/23.7	3RT10 16-2BB41
=100-6KC1	1	Motorschuetz, 5,5kW/400V	Siemens	M10014901	=100/23.8	3RT10 17-2BB41
=100-S0.0	1	Leuchtdrucktaster weiss, LED integriert	Siemens	2219470	=100/24.1	3SB32 45-0AA61-0CC0
=100-S0.0	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.1	3SB39 21-0AH
=100-S0.0	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.1	3SB39 25-0AV
=100-S0.1	1	Drucktaster rot	Siemens	2219480	=100/24.2	3SB32 03-0AA21-0CC0
=100-S0.1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.2	3SB39 21-0AH
=100-S0.1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.2	3SB39 25-0AV
=100-S0.2	1	Knebel 2 Schalterstellungen,	Siemens	M10021302	=100/24.3	3SB32 02-2KA11-0CC0
=100-S0.2	1	Schutzkappe	Siemens	3SB39 21-0BA	=100/24.3	3SB39 21-0BA
=100-S0.2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.3	3SB39 25-0AV
=100-S0.3	1	Drucktaster blau	Siemens	3SB32 02-0AA51-0CC0	=100/24.4	3SB32 02-0AA51-0CC0
=100-S0.3	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.4	3SB39 21-0AH
=100-S0.3	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.4	3SB39 25-0AV
=100-S0.4	1	Leuchtdrucktaster rot, LED integriert	Siemens	2219472	=100/24.5	3SB32 46-0AA21-0CC0
=100-S0.4	2	Schaltelement mit 1 Schaltglied 1S	Siemens	M10017540	=100/24.5	3SB34 03-0B
=100-S0.4	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.5	3SB39 21-0AH
=100-S0.4	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.5	3SB39 25-0AV
=100-2S2	1	Knebel 3 Schalterstellungen,	Siemens	3SB32 10-2DA11-0CC0	=100/24.6	3SB32 10-2DA11-0CC0
=100-2S2	1	Schaltelement 1OE	Siemens	M10017539	=100/24.6	3SB34 03-0C
=100-2S2	1	Schutzkappe	Siemens	3SB39 21-0BA	=100/24.6	3SB39 21-0BA
=100-2S2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.6	3SB39 25-0AV
=100-2S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/24.7	3SB32 45-0AA41-0CC0
=100-2S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.7	3SB39 21-0AH
=100-2S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.7	3SB39 25-0AV
=100-3S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/24.8	3SB32 45-0AA41-0CC0
=100-3S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.8	3SB39 21-0AH
=100-3S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.8	3SB39 25-0AV
=100-4S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.1	3SB32 45-0AA41-0CC0
=100-4S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.1	3SB39 21-0AH
=100-4S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.1	3SB39 25-0AV
=100-5S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.2	3SB32 45-0AA41-0CC0
=100-5S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.2	3SB39 21-0AH

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DATE	18.Apr.2012	KLEEMANN GMBH		 	STUECKLISTE	KLEEMANN SERIES	K007	= STK	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14
MODIFICAT.	DATE	NAME	NORM	DIN					

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-5S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.2	3SB39 25-0AV
=100-6S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.3	3SB32 45-0AA41-0CC0
=100-6S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.3	3SB39 21-0AH
=100-6S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.3	3SB39 25-0AV
=100-7S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.4	3SB32 45-0AA41-0CC0
=100-7S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.4	3SB39 21-0AH
=100-7S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.4	3SB39 25-0AV
=100-8S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.5	3SB32 45-0AA41-0CC0
=100-8S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.5	3SB39 21-0AH
=100-8S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.5	3SB39 25-0AV
=100-10S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.7	3SB32 45-0AA41-0CC0
=100-10S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.7	3SB39 21-0AH
=100-10S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.7	3SB39 25-0AV
=100-9S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/26.4	3SB32 45-0AA41-0CC0
=100-9S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/26.4	3SB39 21-0AH
=100-9S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/26.4	3SB39 25-0AV
=100-S5.2	1	Leuchtdrucktaster gelb, LED integriert	Siemens	3SB32 45-0AA31-0CC0	=100/29.3	3SB32 45-0AA31-0CC0
=100-S5.2	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/29.3	3SB39 21-0AH
=100-S5.2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/29.3	3SB39 25-0AV
=100+-8S	1	Knebel 3 Schalterstellungen,	Siemens	M10021301	=100/29.7	3SB32 10-2EA11-0CC0
=100+-8S	1	Schutzkappe	Siemens	3SB39 21-0BA	=100/29.7	3SB39 21-0BA
=100+-8S	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/29.7	3SB39 25-0AV
=100-7KC1	1	Motorschuetz 15kW/400V	Siemens	M10013766	=100/32.1	3RT10 34-3BB40
=100-8KC1	1	Motorschuetz 15kW/400V	Siemens	M10013766	=100/32.2	3RT10 34-3BB40
=100-9KC1	1	Motorschuetz, 5,5kW/400V	Siemens	M10014901	=100/32.3	3RT10 17-2BB41
=100-10KC1	1	Motorschuetz 3kW/400V AC	Siemens	M10013763	=100/32.4	3RT10 15-2BB41
=100-00K2	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.7	788-312
=100-00K3	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.8	788-312
=100-8K2	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/33.2	788-312
=100-OH6	1	Leuchtmelder blau, mit glatter Linse	Siemens	3SB32 44-6AA50-0CC0	=100/33.8	3SB32 44-6AA50-0CC0
=100-OH6	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/33.8	3SB39 25-0AV
=100-OH2	1	Leuchtmelder weiss, mit glatter Linse	Siemens	3SB32 44-6AA60-0CC0	=100/34.2	3SB32 44-6AA60-0CC0
=100-OH2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/34.2	3SB39 25-0AV
=100-OH2.1	1	Leuchtmelder weiss, mit glatter Linse	Siemens	3SB32 44-6AA60-0CC0	=100/34.3	3SB32 44-6AA60-0CC0
=100-OH2.1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/34.3	3SB39 25-0AV
=100-LS1	1	Knebel 2 Schalterstellungen,	Siemens	M10021302	=100/36.1	3SB32 02-2KA11-0CC0
=100-LS1	1	Schutzkappe	Siemens	3SB39 21-0BA	=100/36.1	3SB39 21-0BA
=100-LS1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/36.1	3SB39 25-0AV
=100-LS1	1	Socket fuer Relais LZX:MT32...	Siemens	M10010285	=100/36.2	LZX:MT78750
=100-GA1	1	Schluesselschaltgeraet	AVS Aggregatebau	M10011598	=100/37.0	K26MUE_KSE_72
=100-GF1	1	2-Leiter-Sicherungsklemme, grau	Wago GmbH & Co. KG	M10015067	=100/37.0	282-696
=100-GF1	1	Abschluss- und Zwischenplatte, orange	Wago GmbH & Co. KG	M10015068	=100/37.0	282-333
=100-GK1	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.1	788-312
=100-GK61	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.2	788-312
=100-GK6	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.3	788-312
=100-GK9	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.6	788-312
=100-GK9.1	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.7	788-312
=100-GK26	1	Stecksockel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/38.2	788-312
=100-GKT1	1	Zeitrelais mit LED	Siemens	M10014285	=100/38.3	3RP15 25-2AP30
=100-GP1	1	Oeldruckmesser elektrisch, rund	Motometer	M10014439	=100/40.1	644 060 1026

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DATE	18.Apr.2012	KLEEMANN GMBH		 	STUECKLISTE	KLEEMANN SERIES	K007	= STK	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14
MODIFICAT.	DATE	NAME	NORM	DIN					





# Part's list

TPLSTK02 02.04.2003

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
-XOUT	1	Attachment housing 16-pol. with 2 bow	ILME GmbH	M10020941	=A0/19.6	CHI 16
-XOUT	1	Plug housing 16-pol. with bolt,side cable outlet	ILME GmbH	M10011806	=A0/19.6	CHO 16
-XOUT	1	Socket insert 16-poled+pe 16A max, 400V	ILME GmbH	M10011811	=A0/19.6	CNF 16
-XOUT	1	Pin insert 16-pol+pe 16A max, 400V	ILME GmbH	M10011812	=A0/19.6	CNM 16
-3X2	1	Plug housing 4-pol.+pe with bow and screwing, metal	ILME GmbH	M10011803	=A0/19.6	CKA 03 VGS
-3X2	1	Pin insert 4-pol+pe 10A max, 250V	ILME GmbH	M10011804	=A0/19.6	CKM 04
-3X2	1	Socket insert 4-pol+pe 10A max, 250V	ILME GmbH	M10011805	=A0/19.6	CKF 04
-4X1	1	Pin insert 4+2-pol +PE 80A max+16A max, 400V	ILME GmbH	CXM 4/2	=A0/19.6	CXM 4/2
-4X1	1	Socket insert 4+2-pol +PE 80A max+16A max, 400V	ILME GmbH	CXF 4/2	=A0/19.6	CXF 4/2
-4X1	1	Attachment housing 16-pol. with 2 bow	ILME GmbH	M10020941	=A0/19.6	CHI 16
-4X1	1	Plug housing M32 with Bolt for 2 Bow	ILME GmbH	MHO 16.32	=A0/19.6	MHO 16.32
-4X2	1	Pin insert 4-pol+pe 10A max, 250V	ILME GmbH	M10011804	=A0/19.6	CKM 04
-4X2	1	Socket insert 4-pol+pe 10A max, 250V	ILME GmbH	M10011805	=A0/19.6	CKF 04
-4X2	1	Add-on housing without Cable outlet	ILME GmbH	CKAX 03 IA	=A0/19.6	CKAX 03 IA
-4X2	1	Plug housing with Bolt	ILME GmbH	MKA V20	=A0/19.6	MKA V20
=100-00XA1	1	Connection adaptor 800A, ~690V, UL508, 3x1pol	Rittal GmbH & Co. KG	SV 9342.310	=100/1.1	SV 9342.310
=100-00XA1	4	Busbar holder 3pol 60mm Bar distance	Rittal GmbH & Co. KG	2196966	=100/1.1	SV 9340.000
=100-00XA1	2	End cover	Rittal GmbH & Co. KG	2196968	=100/1.1	SV 9340.070
=100-00Q1	1	Load-break switch 630a,690vac PN3-630 3-pol	Moeller	PN3-630	=100/1.1	PN3-630
=100-00Q1	1	Main switch kit f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XHB	=100/1.1	NZM3-XHB
=100-00Q1	1	Frame binder for circuit breaker nzm3 and Load-break switch PN3, N3	Moeller	NZM3-XKC	=100/1.1	NZM3-XKC
=100-00Q1	1	Covering f. NZM3, N3	Moeller	NZM3-XKSA	=100/1.1	NZM3-XKSA
=100-00Q1	1	Mechanical locking f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XMV	=100/1.1	NZM3-XMV
=100-00Q1	1	Bowden cable for mechanical locking	Moeller	NZM-XBZ225	=100/1.1	NZM-XBZ225
=100-00Q1	1	Contact element 1S Front M22-CK10	Moeller	M10016214	=100/1.1	M22-CK10
=100-00XA2	1	Connection adaptor 800A, ~690V, UL508, 3x1pol	Rittal GmbH & Co. KG	SV 9342.310	=100/1.4	SV 9342.310
=100-00Q1.1	1	Load-break switch 630a,690vac PN3-630 3-pol	Moeller	PN3-630	=100/1.4	PN3-630
=100-00Q1.1	1	Main switch kit f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XHB	=100/1.4	NZM3-XHB
=100-00Q1.1	1	Mechanical locking f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XMV	=100/1.4	NZM3-XMV
=100-00Q1.1	1	Covering f. NZM3, N3	Moeller	NZM3-XKSA	=100/1.4	NZM3-XKSA
=100-00Q1.1	1	Frame binder for circuit breaker nzm3 and Load-break switch PN3, N3	Moeller	NZM3-XKC	=100/1.4	NZM3-XKC
=100-0F10	1	FUSE ELEMENT SV Typ d 02-e 18	Rittal GmbH & Co. KG	M10011818	=100/1.7	SV 3418.000
=100-0F10	2	Side covering	Rittal GmbH & Co. KG	M00000008	=100/1.7	SV 3093.000
=100-0F10	3	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 10A Base d02	Lindner	M10021293	=100/1.7	1706.01
=100-0F10	3	FUSE LINK D01, 10A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/1.7	1701.01
=100-0F10	3	NEOZED Screw cap Plastic D02, 63A, E18,W.TEST HOLE	Siemens	5SH4163	=100/1.7	5SH4163
=100-0F10	1	Contact-voltage proof covering Typ d 02-e 18	Rittal GmbH & Co. KG	SV 3419.000	=100/1.7	SV 3419.000
=100-0T4	1	Dc power supply DC 480-780V, AC 340-550V/2A 24V DC/40A	Wago GmbH & Co. KG	787-844	=100/1.7	WAGO 787-844
=100-0P1	1	Ammeter 800/1600/5a	Langer	M10009940	=100/2.0	RQ 72 E 800/1600/5A
=100-0T02	1	Summation current transformer 500ma for FAULT CURRENT-Relay Type MFR	Doepke	MFIW 105/0,5	=100/2.1	MFIW 105/0,5
=100-0Q1	1	Power switch 3p 630a bg3 NZMN3-AI630	Moeller	M10017488	=100/2.1	NZMN3-AE630
=100-0Q1	1	Undervoltage circuit breaker with 2 vhi NZM2/3-XUHIVC380-440AC	Moeller	M10017491	=100/2.1	NZM2/3-XUHIVC380-440AC
=100-0Q1	1	Main switch kit f. NZM3(-4), PN3(-4), N3(-4)	Moeller	M10017494	=100/2.1	NZM3-XHBR
=100-0Q1	1	Contact element 1S Front M22-CK10	Moeller	M10016214	=100/2.1	M22-CK10
=100-0T01	1	Current transformer ac 40 800/5A	Langer	M00000010	=100/2.1	TAC 40 800/5A
=100-0F00	1	NEOZED FUSE BASE, 3-POLIG, D01, 16A, E14,W.INSULATING COVER	Lindner	M10021284	=100/2.2	1730.172
=100-0F00	2	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 2A Base d01	Lindner	M10021286	=100/2.2	1705.002
=100-0F00	2	FUSE LINK D01, 2A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10006604	=100/2.2	1700.002
=100-0F00	2	NEOZED SCREW CAP PORCELAIN D01,16A, E14,W.TEST HOLE	Lindner	M10011893	=100/2.2	1710.0002
=100-PE	2	Busbar holder 1pol	Rittal GmbH & Co. KG	SV 9340.030	=100/2.2	SV 9340.030

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DATE	18.Apr.2012	KLEEMANN GMBH			PART'S LIST	KLEEMANN SERIES	K007	= STK	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14

# Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-0F01	1	RESIDUAL CURRENT DEVICE 2NO, 500V, 16A	Doepke	M10016345	=100/2.3	MFR
=100-0F09	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 2A Base d01	Lindner	M10021286	=100/2.4	1705.002
=100-0F09	1	FUSE LINK D01, 2A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10006604	=100/2.4	1700.002
=100-0F09	1	NEOZED SCREW CAP PORCELAIN D01,16A, E14,W.TEST HOLE	Lindner	M10011893	=100/2.4	1710.0002
=100-P5	1	Operating hour meter 230v ac	ABB AG	M10011840	=100/2.4	E233-230
=100-0F06	1	NEOZED FUSE BASE, 1-POL, D01, 16A, E14,W.INSULATING COVER	Lindner	M10021282	=100/3.1	1720.17
=100-0F06	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 6A Base d01	Lindner	M10021288	=100/3.1	1705.006
=100-0F06	1	FUSE LINK D01, 6A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10004051	=100/3.1	1700.006
=100-0F06	1	NEOZED SCREW CAP PORCELAIN D01,16A, E14,W.TEST HOLE	Lindner	M10011893	=100/3.1	1710.0002
=100-0F07	1	NEOZED FUSE BASE, 1-POL, D01, 16A, E14,W.INSULATING COVER	Lindner	M10021282	=100/3.3	1720.17
=100-0F07	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 6A Base d01	Lindner	M10021288	=100/3.3	1705.006
=100-0F07	1	FUSE LINK D01, 6A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10004051	=100/3.3	1700.006
=100-0F07	1	NEOZED SCREW CAP PORCELAIN D01,16A, E14,W.TEST HOLE	Lindner	M10011893	=100/3.3	1710.0002
=100-0F08	1	NEOZED FUSE BASE, 1-POL, D01, 16A, E14,W.INSULATING COVER	Lindner	M10021282	=100/3.5	1720.17
=100-0F08	1	FUSE LINK D01, 10A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/3.5	1701.01
=100-0F08	1	NEOZED SCREW CAP PORCELAIN D01,16A, E14,W.TEST HOLE	Lindner	M10011893	=100/3.5	1710.0002
=100-0F08	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 10A Base d01	Lindner	M10021289	=100/3.5	1705.01
=100-SX	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/3.7	3SB32 02-2KA11-0CC0
=100-SX	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/3.7	3SB39 21-0BA
=100-SX	1	Tag holder	Siemens	3SB39 25-0AV	=100/3.7	3SB39 25-0AV
=100-KX	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/3.7	788-312
=100-0F03	3	FUSE LINK 35A NEOZED D02, 400VAC/250VDC, GL-GG	Lindner	M10006607	=100/4.1	1701.035
=100-0F03	3	NEOZED SCREW CAP PORCELAIN D02, 63A, E18,W.TEST HOLE	Lindner	M10011894	=100/4.1	1711.0002
=100-0F03	3	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 35A Base d02	Lindner	M10021297	=100/4.1	1706.035
=100-0F03	1	NEOZED FUSE BASE, 3-POLIG, D02, 63A, E18,W.INSULATING COVER	Lindner	M10021285	=100/4.1	1731.272
=100-0F04	1	RESIDUAL CURRENT DEVICE 400V 40A/30ma	Legrand	M10025396	=100/4.1	DX 40A 40/0,03
=100-0X4	1	Assembly socket 5-pol 32A, 400V	Hilpress GmbH	56024	=100/4.1	56024
=100-0F05	1	NEOZED FUSE BASE, 1-POL, D01, 16A, E14,W.INSULATING COVER	Lindner	M10021282	=100/4.3	1720.17
=100-0F05	1	FUSE LINK D01, 16A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10006605	=100/4.3	1700.016
=100-0F05	1	NEOZED SCREW CAP PORCELAIN D01,16A, E14,W.TEST HOLE	Lindner	M10011893	=100/4.3	1710.0002
=100-0X5	1	Assembly socket 2-pol 16A, 250V	Hilpress GmbH	M10009114	=100/4.3	56090
=100-0F0	1	NH-Fuse-switch-disconnector Gr.00 160A, 690V	Rittal GmbH & Co. KG	SV 9343.010	=100/5.1	SV 9343.010
=100-0F0	3	NH-Fuse link Gr.000 100A 500V AC/250V DC/gL/gg	Siemens	3NA7 830	=100/5.1	3NA7 830
=100-0X1	1	Socket ad385x5s 5-pol 125A, 400V	ELSPRO GmbH	M10011844	=100/5.1	AD385X5S
=100-0F1	1	FUSE ELEMENT SV Typ d 02-e 18	Rittal GmbH & Co. KG	M10011818	=100/5.4	SV 3418.000
=100-0F1	1	Side covering	Rittal GmbH & Co. KG	M00000008	=100/5.4	SV 3093.000
=100-0F1	2	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 10A Base d02	Lindner	M10021293	=100/5.4	1706.01
=100-0F1	2	FUSE LINK D01, 10A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/5.4	1701.01
=100-0F1	2	NEOZED SCREW CAP PORCELAIN D02, 63A, E18,W.TEST HOLE	Lindner	M10011894	=100/5.4	1711.0002
=100-0T1	1	Transformer 1-phase 500va prim. 400V/1,36A sec. 230V/2,2A	Block GmbH & Co.KG	M00000014	=100/5.4	ST 500/4/23
=100-0F1.3	1	Automatic circuit breaker one-pole type c 2A 400V AC/220V DC	Siemens	M10019972	=100/5.4	5SY6 102-7
=100-0F1.3	1	Auxiliary switch 1no 1nc for ls-switch d=70mm	Siemens	M10019130	=100/5.4	5ST3 010
=100-0F02	1	FUSE ELEMENT SV Typ d 02-e 18	Rittal GmbH & Co. KG	M10011818	=100/5.7	SV 3418.000
=100-0F02	1	Side covering	Rittal GmbH & Co. KG	M00000008	=100/5.7	SV 3093.000
=100-0F02	2	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 2A Base d02	Lindner	M10021290	=100/5.7	1706.002
=100-0F02	2	FUSE LINK D01, 2A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10006604	=100/5.7	1700.002
=100-0F02	2	NEOZED SCREW CAP PORCELAIN D02, 63A, E18,W.TEST HOLE	Lindner	M10011894	=100/5.7	1711.0002
=100-0P2	1	Voltmeter 500v	Langer	M10006617	=100/5.7	RQ 72 E 500V
=100-0S00	1	Mushroom push button red 1NC,locking,rotative unlatching	Siemens	M10015479	=100/6.6	3SB32 03-1HA20-0CC0
=100-0S00	2	Switching element w.1 switch member 1no	Siemens	M10017540	=100/6.6	3SB34 03-0B

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DATE	18.Apr.2012	KLEEMANN GMBH		 	PART'S LIST	KLEEMANN SERIES	K007	= STK	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14
MODIFICAT.	DATE	NAME	NORM	DIN					

# Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-0S00	1	Protecting cap for Pilz-Push button	Siemens	3SB19 02-2BH	=100/6.6	3SB19 02-2BH
=100-0S00	1	Tag holder for EMERGENCY-OFF Pilz-Push button	Moeller	M22-XAK1	=100/6.6	M22-XAK1
=100-D1	1	Switchgear, 230V 3NO+1NC	Pilz GmbH & Co.	M10015064	=100/6.8	PNOZ X4
=100-0F2	1	FUSE LINK D01, 10A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/7.1	1701.01
=100-0F2	1	NEOZED SCREW CAP PORCELAIN D01,16A, E14,W.TEST HOLE	Lindner	M10011893	=100/7.1	1710.0002
=100-0F2	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 10A Base d01	Lindner	M10021289	=100/7.1	1705.01
=100-0F2	1	NEOZED FUSE BASE, 1-POL, D01, 16A, E14,W.INSULATING COVER	Lindner	M10021282	=100/7.1	1720.17
=100-K0.1	1	Auxiliary relay sirius 4NO 24VDC Cage Clamp-Connection,w.out Varistor	Siemens	M10018964	=100/7.1	3RH11 40-2BB40
=100-0F3	1	Automatic circuit breaker one-pole type c 6A 400V AC/220V DC	Siemens	M10019164	=100/7.3	5SY6 106-7
=100-0F3	1	Auxiliary switch 1no 1nc for Is-switch d=70mm	Siemens	M10019130	=100/7.3	5ST3 010
=100-0S1	1	Key-operated switch, o-i ronis 1NO w.holder	Siemens	M10021350	=100/7.3	3SB32 02-4AD11-0CC0
=100-0S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/7.3	3SB39 25-0AV
=100-0K1	1	Motor contactor 3kw/400v ac 3MC 1NO 24V DC, w.out Varistor,Cage-Clamp	Siemens	M10013763	=100/7.3	3RT10 15-2BB41
=100-0K1	1	Auxiliary switch block 2NO+2NC Cage-Clamp-Connection	Siemens	M10019973	=100/7.3	3RH19 11-2FA22
=100-GF2	1	FUSE LINK D01, 10A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10004052	=100/7.5	1701.01
=100-GF2	1	NEOZED SCREW CAP PORCELAIN D01,16A, E14,W.TEST HOLE	Lindner	M10011893	=100/7.5	1710.0002
=100-GF2	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 10A Base d01	Lindner	M10021289	=100/7.5	1705.01
=100-GF2	1	NEOZED FUSE BASE, 1-POL, D01, 16A, E14,W.INSULATING COVER	Lindner	M10021282	=100/7.5	1720.17
=100-0F4	1	FUSE LINK D01, 2A NEOZED 400VAC/250VDC, gL-gG	Lindner	M10006604	=100/7.7	1700.002
=100-0F4	1	NEOZED SCREW CAP PORCELAIN D01,16A, E14,W.TEST HOLE	Lindner	M10011893	=100/7.7	1710.0002
=100-0F4	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 2A Base d01	Lindner	M10021286	=100/7.7	1705.002
=100-0F4	1	NEOZED FUSE BASE, 1-POL, D01, 16A, E14,W.INSULATING COVER	Lindner	M10021282	=100/7.7	1720.17
=100+M-00H2	1	Siren 24v dc, 0,5a	Funke+Huster GmbH	M10011815	=100/7.7	KS 24
=100+M-00H3	1	Flash light	Telemecanique	M10011814	=100/7.8	XVA L 6B5 C024
=100-1P1	1	Ammeter 500/1000/5a	Langer	M10011872	=100/8.1	RQ 72 E 500/1000/5A
=100-1K01	1	Monitoring relay 1 changeover cont.,24-240V AC/DC,0,1-10A AC/DC	Siemens	M10014275	=100/8.1	3UG46 22-2AW30
=100-1T1	1	Current transformer ac 32 400/5A	Langer	TAC 32 400/5A	=100/8.3	TAC 32 400/5A
=100-1K0	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/8.7	ZEV
=100-1K0	1	Current sensor 40-820a	Klöckner Moeller	M10019256	=100/8.7	ZEV-XSW-820
=100-1K0	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 800mm	Moeller	M10019257	=100/8.7	ZEV-XVK-80
=100-1KC1	1	Motor contactor, 90kw/400v 3MC,2NO+2NC,220-240V AC/DC,w.Varistor	Siemens	3RT10 56-2AP36	=100/9.1	3RT10 56-2AP36
=100-1KT1	1	Time-delay relay 24v dc/ac,200...240v ac 1NO+1NO delayed, Cage Clamp	Siemens	M10013725	=100/9.3	3RP15 76-2NP30
=100-1KC2	1	Motor contactor, 90kw/400v 3MC,2NO+2NC,220-240V AC/DC,w.Varistor	Siemens	3RT10 56-2AP36	=100/9.4	3RT10 56-2AP36
=100-1KC3	1	Motor contactor, 75kw/400v 3MC,2NO+2NC,220-240V AC/DC,w.Varistor	Siemens	3RT10 55-2AP36	=100/9.6	3RT10 55-2AP36
=100-2Q1	1	Circuit breaker 4,5-6,3a with auxiliary switch 1no+1nc	Siemens	M10013566	=100/10.1	3RV10 11-1GA15
=100-2Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/10.1	SV 9340.310
=100-2Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/10.1	SV 9342.850
=100-2F1	1	FUSE ELEMENT SV Typ d 02-e 18	Rittal GmbH & Co. KG	M10011818	=100/10.4	SV 3418.000
=100-2F1	1	Side covering	Rittal GmbH & Co. KG	M00000008	=100/10.4	SV 3093.000
=100-2F1	3	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 25A Base d02	Lindner	M10021296	=100/10.4	1706.025
=100-2F1	3	FUSE LINK 25A NEOZED D02, 400VAC/250VDC, GL-GG	Lindner	M10006606	=100/10.4	1701.025
=100-2F1	3	NEOZED SCREW CAP PORCELAIN D02, 63A, E18,W.TEST HOLE	Lindner	M10011894	=100/10.4	1711.0002
=100-3Q1	1	Circuit breaker 11-16a with auxiliary switch	Siemens	M10013570	=100/10.7	3RV10 21-4AA15
=100-3Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/10.7	SV 9340.310
=100-3Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/10.7	SV 9342.850
=100-3X1	1	Assembly socket 3-pol +N+PE 16A, 415V	Hilpress GmbH	56022	=100/10.7	56022
=100-4Q1	1	Circuit breaker 22-32a w.out auxiliary switch,f.motor protection	Siemens	M10018521	=100/11.1	3RV10 31-4EA10
=100-4Q1	1	Multi-function component adaptor 40a 54mm for bar distance 60mm	Rittal GmbH & Co. KG	M10021127	=100/11.1	SV 9320.310
=100-4Q1	1	Traverse auxiliary switch 1NO+1NC	Siemens	M10019971	=100/11.1	3RV19 01-1E
=100-4K0	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/11.3	ZEV

DATE	18.Apr.2012	KLEEMANN GMBH		 	PART'S LIST	KLEEMANN SERIES	K007	= STK	+
EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14
MODIFICAT.	DATE	NAME	NORM	DIN					

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-4K0	1	Current sensor 2-65a	Klöckner Moeller	M10013727	=100/11.3	ZEV-XSW-65
=100-4K0	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 200mm	Moeller	M10013728	=100/11.3	ZEV-XVK-20
=100-5Q1	1	Circuit breaker 7-10a with auxiliary switch	Siemens	M10013568	=100/11.4	3RV10 11-1JA15
=100-5Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/11.4	SV 9340.310
=100-5Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/11.4	SV 9342.850
=100-5K0	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/11.5	ZEV
=100-5K0	1	Current sensor 1-25a	Klöckner Moeller	M10019255	=100/11.5	ZEV-XSW-25
=100-5K0	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 200mm	Moeller	M10013728	=100/11.5	ZEV-XVK-20
=100-5Q2	1	Circuit breaker 7-10a with auxiliary switch	Siemens	M10013568	=100/11.7	3RV10 11-1JA15
=100-5Q2	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/11.7	SV 9340.310
=100-5Q2	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/11.7	SV 9342.850
=100-5K0.1	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/11.8	ZEV
=100-5K0.1	1	Current sensor 1-25a	Klöckner Moeller	M10019255	=100/11.8	ZEV-XSW-25
=100-5K0.1	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 200mm	Moeller	M10013728	=100/11.8	ZEV-XVK-20
=100-6Q1	1	Circuit breaker 11-16a with auxiliary switch	Siemens	M10013570	=100/12.1	3RV10 21-4AA15
=100-6Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/12.1	SV 9340.310
=100-6Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/12.1	SV 9342.850
=100-7F1	1	FUSE ELEMENT SV Typ d 02-e 18	Rittal GmbH & Co. KG	M10011818	=100/12.4	SV 3418.000
=100-7F1	1	Side covering	Rittal GmbH & Co. KG	M00000008	=100/12.4	SV 3093.000
=100-7F1	3	Fuse link 63a D02, 400VAC/250VDC, GL-GG	Lindner	M10009493	=100/12.4	1701.063
=100-7F1	3	NEOZED SCREW CAP PORCELAIN D02, 63A, E18,W.TEST HOLE	Lindner	M10011894	=100/12.4	1711.0002
=100-7K0	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/12.5	ZEV
=100-7K0	1	Current sensor 2-65a	Klöckner Moeller	M10013727	=100/12.5	ZEV-XSW-65
=100-7K0	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 200mm	Moeller	M10013728	=100/12.5	ZEV-XVK-20
=100-9Q1	1	Circuit breaker 7-10a with auxiliary switch	Siemens	M10013568	=100/13.1	3RV10 11-1JA15
=100-9Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/13.1	SV 9340.310
=100-9Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/13.1	SV 9342.850
=100-10Q1	1	Circuit breaker 4,5-6,3a with auxiliary switch 1no+1nc	Siemens	M10013566	=100/13.4	3RV10 11-1GA15
=100-10Q1	1	OM Adaptor 32A,690V, UL 508	Rittal GmbH & Co. KG	M10025431	=100/13.4	SV 9340.510
=100-10Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/13.4	SV 9342.850
=100-13Q1	1	Circuit breaker 0,22-0,32a with auxiliary switch	Siemens	M10015340	=100/13.7	3RV10 11-0DA15
=100-13Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	2196964	=100/13.7	SV 9340.310
=100-8Q1	1	Control switch 4-pol 12kw 400V 32A	Moeller	M10013874	=100/14.1	T3-4-8223/E
=100-8A1	1	Frequency converter 380-480V, 25/29A, 50-60Hz, 11/15kw	Control Techniques	M20000268	=100/14.2	SK 2403
=100-8F1	1	FUSE ELEMENT SV Typ d 02-e 18	Rittal GmbH & Co. KG	M10011818	=100/14.2	SV 3418.000
=100-8F1	1	Side covering	Rittal GmbH & Co. KG	M00000008	=100/14.2	SV 3093.000
=100-8F1	3	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 35A Base d02	Lindner	M10021297	=100/14.2	1706.035
=100-8F1	3	FUSE LINK 35A NEOZED D02, 400VAC/250VDC, GL-GG	Lindner	M10006607	=100/14.2	1701.035
=100-8F1	3	NEOZED SCREW CAP PORCELAIN D02, 63A, E18,W.TEST HOLE	Lindner	M10011894	=100/14.2	1711.0002
=100-8L1	1	Power choke 28,8A, max.600V 50-60Hz	Control Techniques	KDD 0,4/N/600V/28,8A/4UK	=100/14.2	KDD 0,4/N/600V/28,8A/4UK
=100-8F2	1	Overload relay 7-10a, 1no+1nc f.individual assembly	Siemens	M10014903	=100/14.2	3RU1116-1JC1
=100-8F3	1	Overload relay 7-10a, 1no+1nc f.individual assembly	Siemens	M10014903	=100/14.4	3RU1116-1JC1
=100-RB	1	Frame resistance SP 100W 400V 37,5 Ohm	Control Techniques	M10020877	=100/14.7	SP
=100-8K0	1	Thermal machine protection, 2 led 1NO+1NC, 24V DC, Cage Clamp-Connection	Siemens	M10014273	=100/15.3	3RN10 10-2CB00
=100-SC	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/17.1	3SB32 02-2KA11-0CC0
=100-SC	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/17.1	3SB39 21-0BA
=100-SC	1	Tag holder	Siemens	3SB39 25-0AV	=100/17.1	3SB39 25-0AV
=100-A0_OP	1	Operator panel 256kB user memory, 24V DC	VIPA GmbH	M10019119	=100/17.2	OP 03 603-1OP00
=100-A_FW	1	Remote maintenance system	MB Connect Line	M20000333	=100/17.2	MDH 513
=100-A_FW	1	Connecting cable	MB Connect Line	8248	=100/17.2	8248

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EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14



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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-A_FW	1	MPI Connecting cable 1,2m	MB Connect Line	KS 1.2/9	=100/17.2	KS 1.2/9
=100-A0_CPU	1	PLC-CPU WITH MPI 256 counter, 48kByte RAM	VIPA GmbH	M10020750	=100/17.2	VIPA 214-1BA02
=100-A0_CPU	1	Bus connector 4-fold	VIPA GmbH	290-0AA40	=100/17.2	290-0AA40
=100-A0_CPU	1	Bus connector 8-fold	VIPA GmbH	290-0AA80	=100/17.2	290-0AA80
=100-A0_2	1	In-/output module sm 238 12DI+4DIO,3AI+1Pt100,2AO,24V DC	VIPA GmbH	M10020887	=100/17.2	SM 238-2BC00
=100-A0_3	1	Digital output module sm 222 16DO, 24V DC, 1A	VIPA GmbH	M10021058	=100/17.4	SM 222-1BH10
=100-A0_4	1	Digital input module sm 221 32DI, 24VDC	VIPA GmbH	M10021059	=100/17.4	SM 221-2BL10
=100-A0_5	1	Digital input module sm 221 32DI, 24VDC	VIPA GmbH	M10021059	=100/17.5	SM 221-2BL10
=100-A0_6	1	Digital output module sm 222 32DO, 24V DC, 1A	VIPA GmbH	M10021060	=100/17.6	SM 222-2BL10
=100-1K1	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/22.1	788-312
=100-1K08	1	Motor contactor 3kw/400v ac 3MC 1NC 24V DC,w.out Varistor,Cage-Clamp	Siemens	M10018716	=100/22.5	3RT10 15-2BB42
=100-2KC1	1	Motor contactor 3kw/400v ac 3MC 1NC 24V DC,w.out Varistor,Cage-Clamp	Siemens	M10018716	=100/23.1	3RT10 15-2BB42
=100-2KC2	1	Motor contactor 3kw/400v ac 3MC 1NC 24V DC,w.out Varistor,Cage-Clamp	Siemens	M10018716	=100/23.2	3RT10 15-2BB42
=100-3KC1	1	Motor contactor, 5,5kw/400v 3MC 1NO 24V DC, w.out Varistor,Cage-Clamp	Siemens	M10014901	=100/23.3	3RT10 17-2BB41
=100-2KC3	1	Motor contactor 11kw/400v 3MC 24V DC ,w.out Varistor, Cage Clamp at Coil	Siemens	M10013765	=100/23.4	3RT10 26-3BB40
=100-4KC1	1	Motor contactor 15kw/400v 3MC 24V DC ,w.out Varistor, Cage Clamp at Coil	Siemens	M10013766	=100/23.5	3RT10 34-3BB40
=100-5KC1	1	Motor contactor, 4kw/400v 3MC 1NO 24V DC w.out Varistor,Cage-Clamp	Siemens	M10014900	=100/23.6	3RT10 16-2BB41
=100-5KC2	1	Motor contactor, 4kw/400v 3MC 1NO 24V DC w.out Varistor,Cage-Clamp	Siemens	M10014900	=100/23.7	3RT10 16-2BB41
=100-6KC1	1	Motor contactor, 5,5kw/400v 3MC 1NO 24V DC, w.out Varistor,Cage-Clamp	Siemens	M10014901	=100/23.8	3RT10 17-2BB41
=100-S0.0	1	Illuminated push button white, led integrated flat push button 1no, uc 24v	Siemens	2219470	=100/24.1	3SB32 45-0AA61-0CC0
=100-S0.0	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.1	3SB39 21-0AH
=100-S0.0	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.1	3SB39 25-0AV
=100-S0.1	1	Push button red flat push button 1nc	Siemens	2219480	=100/24.2	3SB32 03-0AA21-0CC0
=100-S0.1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.2	3SB39 21-0AH
=100-S0.1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.2	3SB39 25-0AV
=100-S0.2	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/24.3	3SB32 02-2KA11-0CC0
=100-S0.2	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/24.3	3SB39 21-0BA
=100-S0.2	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.3	3SB39 25-0AV
=100-S0.3	1	Push button blue flat push button, 1no	Siemens	3SB32 02-0AA51-0CC0	=100/24.4	3SB32 02-0AA51-0CC0
=100-S0.3	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.4	3SB39 21-0AH
=100-S0.3	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.4	3SB39 25-0AV
=100-S0.4	1	Illuminated push button red, led integrated flat push button 1nc, uc 24v	Siemens	2219472	=100/24.5	3SB32 46-0AA21-0CC0
=100-S0.4	2	Switching element w.1 switch member 1no	Siemens	M10017540	=100/24.5	3SB34 03-0B
=100-S0.4	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.5	3SB39 21-0AH
=100-S0.4	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.5	3SB39 25-0AV
=100-2S2	1	Handle 3 switch positions, black, 1nc, 1nc	Siemens	3SB32 10-2DA11-0CC0	=100/24.6	3SB32 10-2DA11-0CC0
=100-2S2	1	Switching element 1nc Mounting depth 50mm	Siemens	M10017539	=100/24.6	3SB34 03-0C
=100-2S2	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/24.6	3SB39 21-0BA
=100-2S2	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.6	3SB39 25-0AV
=100-2S1	1	Illuminated push button green, led integrated flat push button 1no, uc 24v	Siemens	M10020706	=100/24.7	3SB32 45-0AA41-0CC0
=100-2S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.7	3SB39 21-0AH
=100-2S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.7	3SB39 25-0AV
=100-3S1	1	Illuminated push button green, led integrated flat push button 1no, uc 24v	Siemens	M10020706	=100/24.8	3SB32 45-0AA41-0CC0
=100-3S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.8	3SB39 21-0AH
=100-3S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.8	3SB39 25-0AV
=100-4S1	1	Illuminated push button green, led integrated flat push button 1no, uc 24v	Siemens	M10020706	=100/25.1	3SB32 45-0AA41-0CC0
=100-4S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.1	3SB39 21-0AH
=100-4S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.1	3SB39 25-0AV
=100-5S1	1	Illuminated push button green, led integrated flat push button 1no, uc 24v	Siemens	M10020706	=100/25.2	3SB32 45-0AA41-0CC0
=100-5S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.2	3SB39 21-0AH

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EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-5S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.2	3SB39 25-0AV
=100-6S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.3	3SB32 45-0AA41-0CC0
=100-6S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.3	3SB39 21-0AH
=100-6S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.3	3SB39 25-0AV
=100-7S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.4	3SB32 45-0AA41-0CC0
=100-7S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.4	3SB39 21-0AH
=100-7S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.4	3SB39 25-0AV
=100-8S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.5	3SB32 45-0AA41-0CC0
=100-8S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.5	3SB39 21-0AH
=100-8S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.5	3SB39 25-0AV
=100-10S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.7	3SB32 45-0AA41-0CC0
=100-10S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.7	3SB39 21-0AH
=100-10S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.7	3SB39 25-0AV
=100-9S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/26.4	3SB32 45-0AA41-0CC0
=100-9S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/26.4	3SB39 21-0AH
=100-9S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/26.4	3SB39 25-0AV
=100-S5.2	1	Illuminated push button yellow,led integrated	Siemens	3SB32 45-0AA31-0CC0	=100/29.3	3SB32 45-0AA31-0CC0
=100-S5.2	1	Protecting cap	Siemens	3SB39 21-0AH	=100/29.3	3SB39 21-0AH
=100-S5.2	1	Tag holder	Siemens	3SB39 25-0AV	=100/29.3	3SB39 25-0AV
=100+-8S	1	Handle 3 switch positions,	Siemens	M10021301	=100/29.7	3SB32 10-2EA11-0CC0
=100+-8S	1	Protecting cap	Siemens	3SB39 21-0BA	=100/29.7	3SB39 21-0BA
=100+-8S	1	Tag holder	Siemens	3SB39 25-0AV	=100/29.7	3SB39 25-0AV
=100-7KC1	1	Motor contactor 15kw/400v	Siemens	M10013766	=100/32.1	3RT10 34-3BB40
=100-8KC1	1	Motor contactor 15kw/400v	Siemens	M10013766	=100/32.2	3RT10 34-3BB40
=100-9KC1	1	Motor contactor, 5,5kw/400v	Siemens	M10014901	=100/32.3	3RT10 17-2BB41
=100-10KC1	1	Motor contactor 3kw/400v ac	Siemens	M10013763	=100/32.4	3RT10 15-2BB41
=100-00K2	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.7	788-312
=100-00K3	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.8	788-312
=100-8K2	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/33.2	788-312
=100-OH6	1	Signal lamp blue, with smooth lens	Siemens	3SB32 44-6AA50-0CC0	=100/33.8	3SB32 44-6AA50-0CC0
=100-OH6	1	Tag holder	Siemens	3SB39 25-0AV	=100/33.8	3SB39 25-0AV
=100-OH2	1	Signal lamp white, with smooth lens	Siemens	3SB32 44-6AA60-0CC0	=100/34.2	3SB32 44-6AA60-0CC0
=100-OH2	1	Tag holder	Siemens	3SB39 25-0AV	=100/34.2	3SB39 25-0AV
=100-OH2.1	1	Signal lamp white, with smooth lens	Siemens	3SB32 44-6AA60-0CC0	=100/34.3	3SB32 44-6AA60-0CC0
=100-OH2.1	1	Tag holder	Siemens	3SB39 25-0AV	=100/34.3	3SB39 25-0AV
=100-LS1	1	Handle 2 switch positions,	Siemens	M10021302	=100/36.1	3SB32 02-2KA11-0CC0
=100-LS1	1	Protecting cap	Siemens	3SB39 21-0BA	=100/36.1	3SB39 21-0BA
=100-LS1	1	Tag holder	Siemens	3SB39 25-0AV	=100/36.1	3SB39 25-0AV
=100-LS1	1	Base for relay lzx:mt32...	Siemens	M10010285	=100/36.2	LZX:MT78750
=100-GA1	1	Key-operated device	AVS Aggregatebau	M10011598	=100/37.0	K26MUE_KSE_72
=100-GF1	1	2-lead-fuse clip, gray	Wago GmbH & Co. KG	M10015067	=100/37.0	282-696
=100-GF1	1	Cover and distance plate, orange	Wago GmbH & Co. KG	M10015068	=100/37.0	282-333
=100-GK1	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.1	788-312
=100-GK61	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.2	788-312
=100-GK6	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.3	788-312
=100-GK9	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.6	788-312
=100-GK9.1	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.7	788-312
=100-GK26	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/38.2	788-312
=100-GKT1	1	Time-delay relay with led	Siemens	M10014285	=100/38.3	3RP15 25-2AP30
=100-GP1	1	Oil-pressure indicator electrical, round	Motometer	M10014439	=100/40.1	644 060 1026

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EDITED	JHE	MOBICAT MC 120 Z EU EPS				KLEEMANN MATERIAL NO	M10013389_01_EPS	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	14
MODIFICAT.	DATE	NAME	NORM	DIN					

