



ELECTRO - DOCUMENTATION

TYPE OF MACHINE : MOBICAT MC 120 Z US
KLEEMANN SERIES : K007
KLEEMANN MATERIAL NO : 2268570

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

MANUFACTURED BY : TPS GMBH
PHONE-NO. : +49/7161/206-0
FAX-NO. : +49/7161/206-100
DATE : 04.Dez.2015

PLC-CONTROL TYPE : VIPA SPS-CPU-214-V3.0
LANGUAGE : DEUTSCH/ENGLISH

Neue Bestellnummer
New order number
2507981_00

2

			DATE	10.Dez.2012	KLEEMANN GMBH	 	DECKBLATT/ COVER SHEET	KLEEMANN SERIES	K007	= A0	+
			EDITED	JHE				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 1
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN			REP.F.	REP.T.		PG. 19

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MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 19		

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100		25	DIGITALE EINGAENGE E 1.0 - E 1.7/ DIGITAL INPUTS E 1.0 - E 1.7		04.Dez.2015	HV
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KLE		12	KLEMMLEISTE -X1/ TERMINAL STRIP -X1		04.Dez.2015	JBR
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KLE		16	KLEMMLEISTE -X6/ TERMINAL STRIP -X6		04.Dez.2015	JBR
KLE		17	KLEMMENLEISTE -X8/ TERMINAL STRIP -X8		04.Dez.2015	JBR
KLE		18	KLEMMENLEISTE -X00/ TERMINAL STRIP -X00		04.Dez.2015	JBR

		DATE	04.Dez.2015		KLEEMANN GMBH			 	INHALTSVERZEICHNIS/ TABLE OF CONTENTS		KLEEMANN SERIES	K007		= A0	+
		EDITED	JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570		CAE-SYSTEM: EPLAN 5.70	PG.	3	
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KLE		36	KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG		04.Dez.2015	JBR
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KLE		40	STECKER +M-6X1/ PLUG +M-6X1		04.Dez.2015	JBR
KAB		1	KABELUEBERSICHT		04.Dez.2015	JBR
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KAB		29	-11W1		04.Dez.2015	JBR
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		EDITED	JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 5	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 19		

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KAB		55	-41W5		04.Dez.2015	JBR
KAB		56	-06W12		04.Dez.2015	JBR
KAB		57	-06W15		04.Dez.2015	JBR
STK		1	STUECKLISTE		04.Dez.2015	JHE
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STK		3	STUECKLISTE		04.Dez.2015	JHE
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STK		10	PART'S LIST		04.Dez.2015	JHE
STK		11	PART'S LIST		04.Dez.2015	JHE
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STK		13	PART'S LIST		04.Dez.2015	JHE
STK		14	PART'S LIST		04.Dez.2015	JHE

KLEMMLEISTENBEZEICHNUNG/ TERMINAL STRIP 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

-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

-XT = KLEMMLEISTE -XT/
TERMINAL STRIP -XT

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

STECKERBEZEICHNUNG/ PLUG DESIGNATION

-XOUT = STECKER -XOUT/
PLUG -XOUT

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

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

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

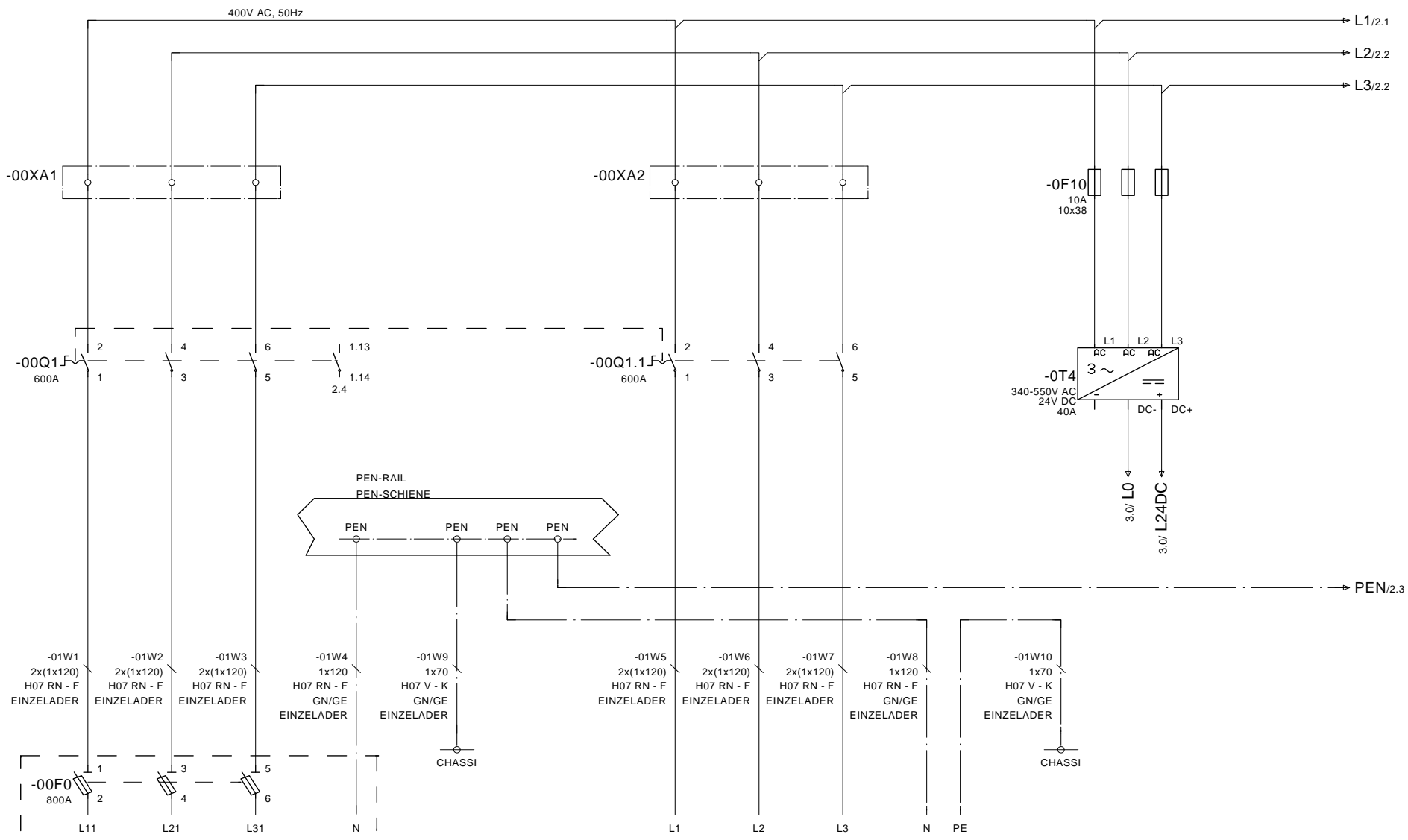
+M-XF1 = STECKER +M-XF1
PLUG +M-XF1

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

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

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

		DATE	04.Dez.2015		KLEEMANN GMBH		 	KLEMMENUEBERSICHT/ TERMINAL OVERVIEW	KLEEMANN SERIES	K007	= A0	+	
		EDITED	JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	19
		CONTR.	D. MALLKOWSKY									PG.	19
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						



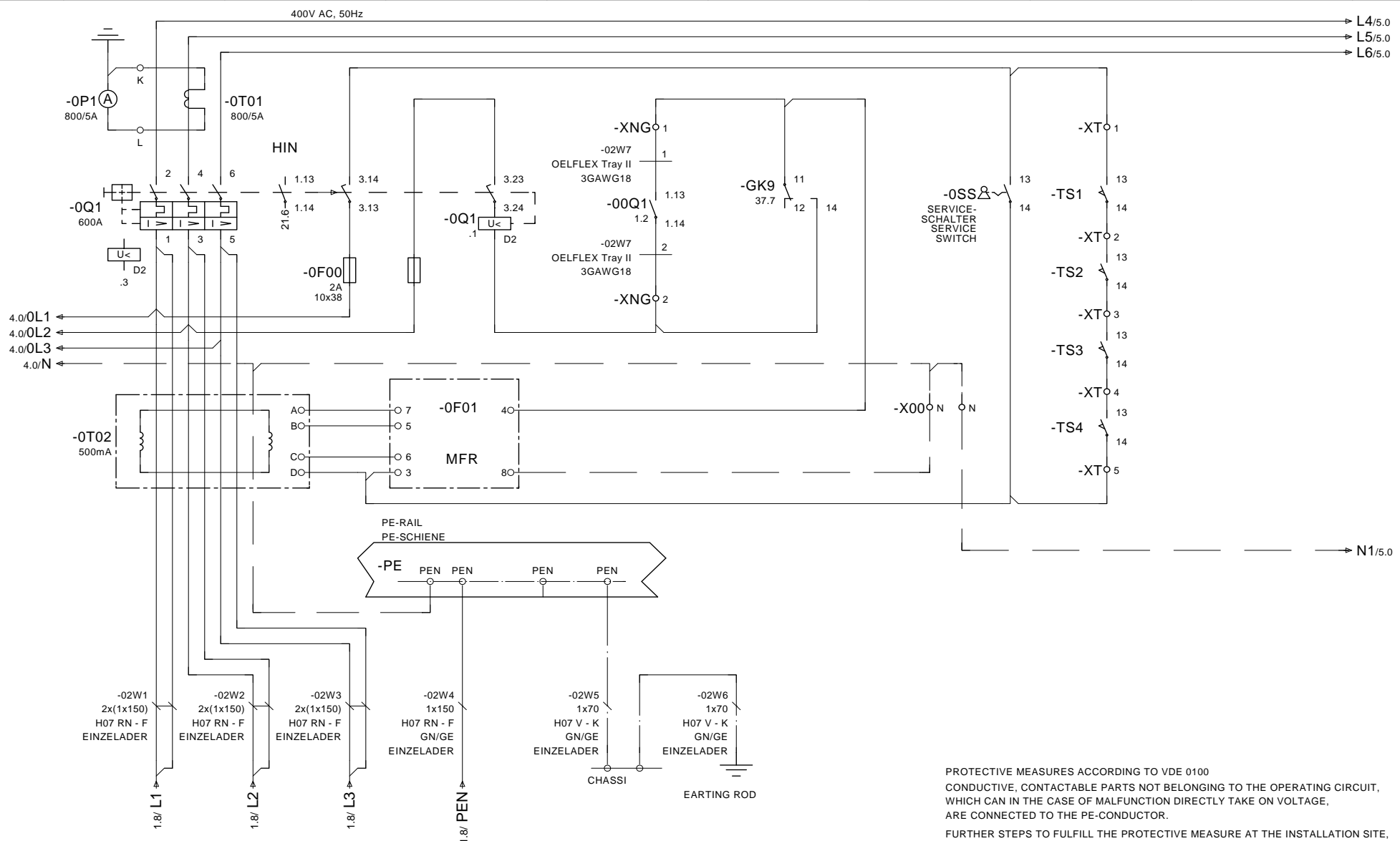
MAIN POWER
SUPPLY 3x400V/PE/50CPS
MAIN
BACK-UP FUSE 800A
EINSPEISUNG 3x400V/PE/50Hz NETZ
VORSICHERUNG 800A

INCOMING SUPPLY
3x400V/230V/N/PE-50Hz
GENERATOR
EINSPEISUNG
3x400V/230V/N/PE-50Hz
GENERATOR

=A0/19

2

		DATE	04.Dez.2015	KLEEMANN GMBH		 	UMSCHALTUNG NETZ/GENERATOR	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US			CHANGING-OVER MAIN/GENERATOR	KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG.	41



INCOMING SUPPLY 3X400V/PE/50Hz MAIN
BACK-UP FUSE 800A
POWER SUPPLY FROM SWITCH CUPBOARD

EINSPEISUNG 3X400V/PE/50Hz NETZ
VORSICHERUNG 800A
ENERGIEVERSORGUNG VON SCHALTSCHRANK

TOTAL FAULT
CURRENT PROTECTION

FI-SCHUTZ
GESAMT

PROTECTIVE MEASURES ACCORDING TO VDE 0100
CONDUCTIVE, CONTACTABLE PARTS NOT BELONGING TO THE OPERATING CIRCUIT,
WHICH CAN IN THE CASE OF MALFUNCTION DIRECTLY TAKE ON VOLTAGE,
ARE CONNECTED TO THE PE-CONDUCTOR.

FURTHER STEPS TO FULFILL THE PROTECTIVE MEASURE AT THE INSTALLATION SITE,
HAVE TO BE CARRIED OUT BY CUSTOMER

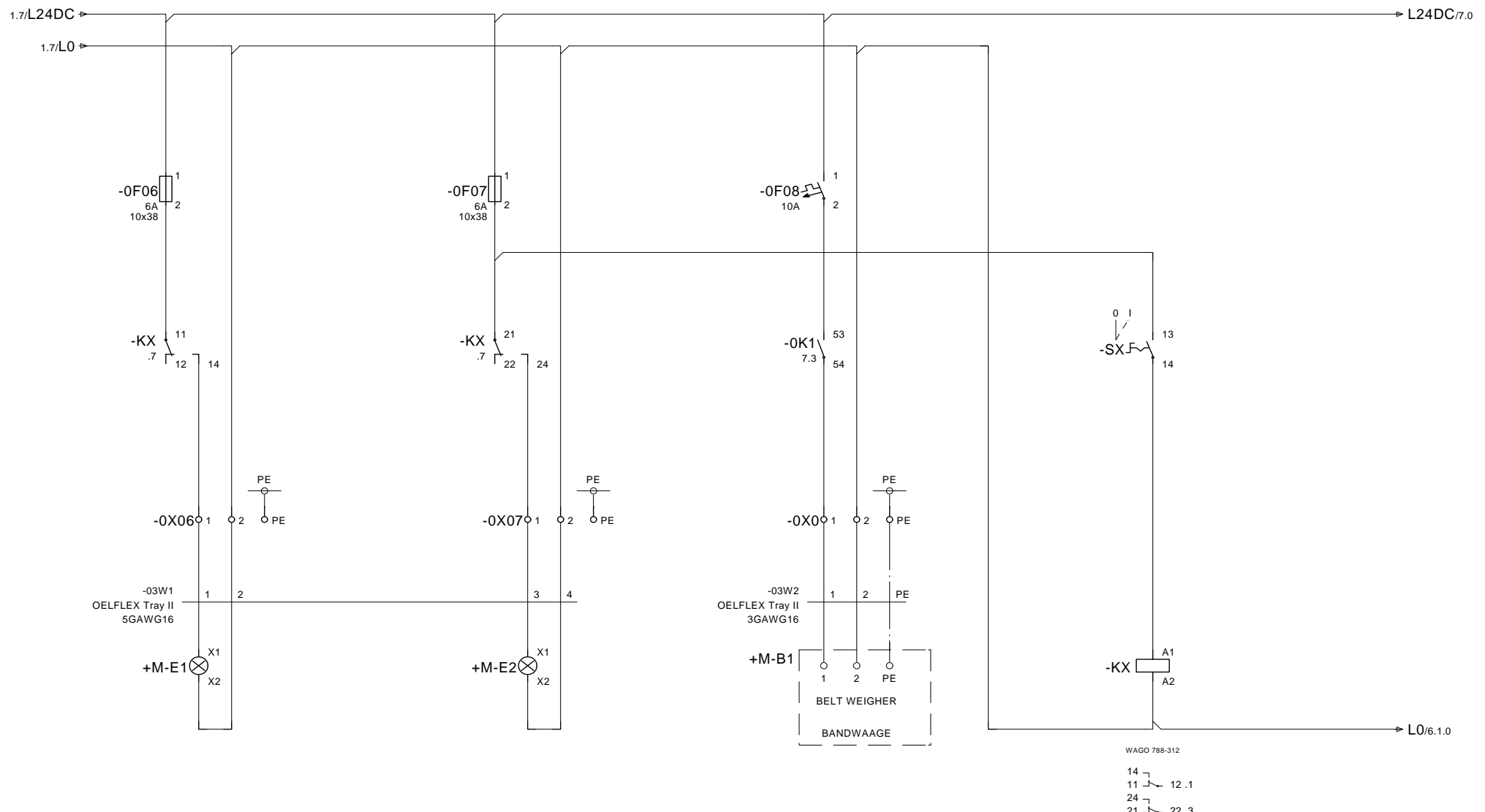
SCHUTZMASSNAHME NACH VDE 0100
NICHT ZUM BETRIEBSSTROMKREIS GEHOERENDE, LEITFAEHIGE BERUEHRBARE TEILE
DIE IM FEHLERFALL UNMITTELBAR SPANNUNG ANNEHMEN KOENNEN, SIND MIT DEM
PE-LEITER VERBUNDEN.

WEITERE MASSNAHMEN ZUR ERFUELLUNG DER SCHUTZMASSNAHME AM AUFSTELLUNGSORT
BAUSEITS DURCHFUEHREN

1

DATE 04.Dez.2015		KLEEMANN GMBH		EINSPEISUNG/ INCOMING SUPPLY		KLEEMANN SERIES K007		= 100		+	
EDITED JBR		MOBICAT MC 120 Z US		WIRTGEN GROUP		KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 2	
CONTR. D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.		PG. 41			

3



ILLUMINATION 1
BELEUCHTUNG 1

ILLUMINATION 2
BELEUCHTUNG 2

BELT WEIGHER
BANDWAAGE

WAGO 788-312
14 ↗
11 ↘ 12 .1
24 ↗
21 ↘ 22 .3

MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	BELEUCHTUNG UND BANDWAAGE/ ILLUMINATION AND BELT WEIGHER	KLEEMANN SERIES K007	= 100	+
									KLEEMANN MATERIAL NO 2268570	CAE-SYSTEM: EPLAN 5.70	PG. 41
											3

DATE 04.Dez.2015
EDITED JBR
CONTR. D. MALLKOWSKY

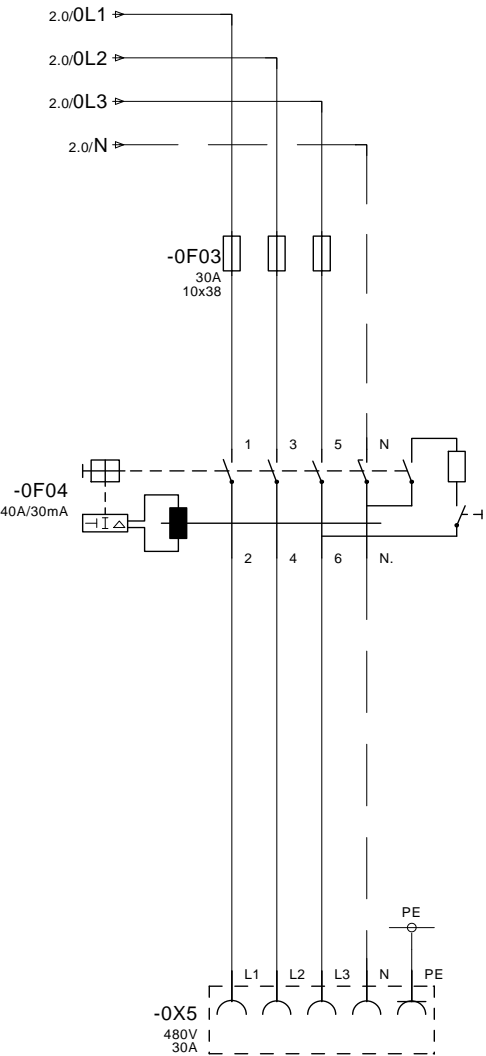
KLEEMANN GMBH
MOBICAT MC 120 Z US



BELEUCHTUNG UND BANDWAAGE/
ILLUMINATION AND BELT WEIGHER

KLEEMANN
SERIES
K007
KLEEMANN
MATERIAL NO
2268570

= 100
CAE-SYSTEM:
EPLAN 5.70
PG.
41

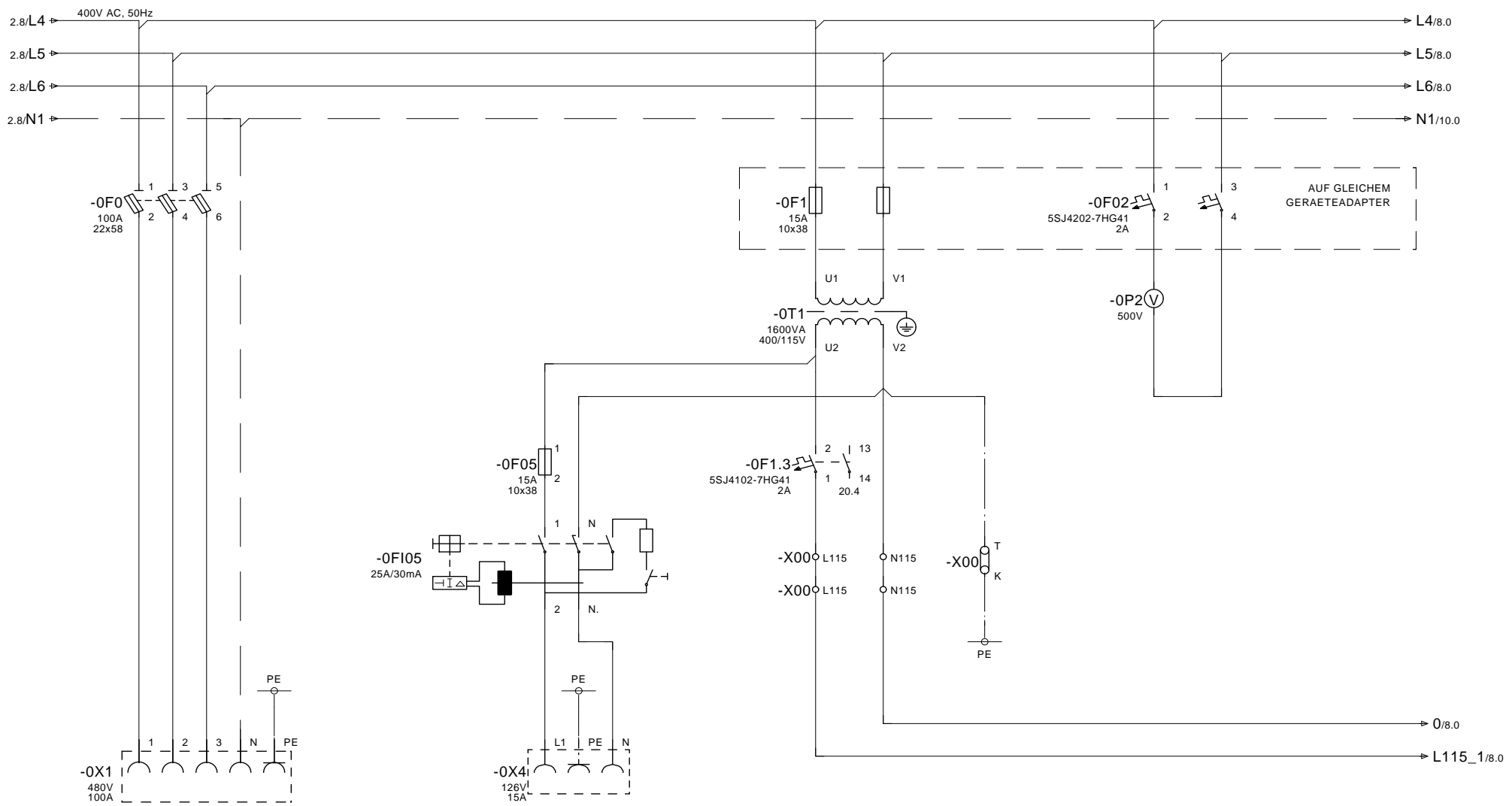


ACHTUNG! VOR HAUPTSCHALTER
 ATTENTION! BEFORE MAIN SWITCH

SOCKET 30A

STECKDOSE 30A

			DATE	04.Dez.2015	KLEEMANN GMBH			 	ABGAENGE VOR HAUPTSCHALTER/ OUTLETS BEFORE MAIN SWITCH	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						



POWER SOCKET 100A

SOCKET 15A/115V

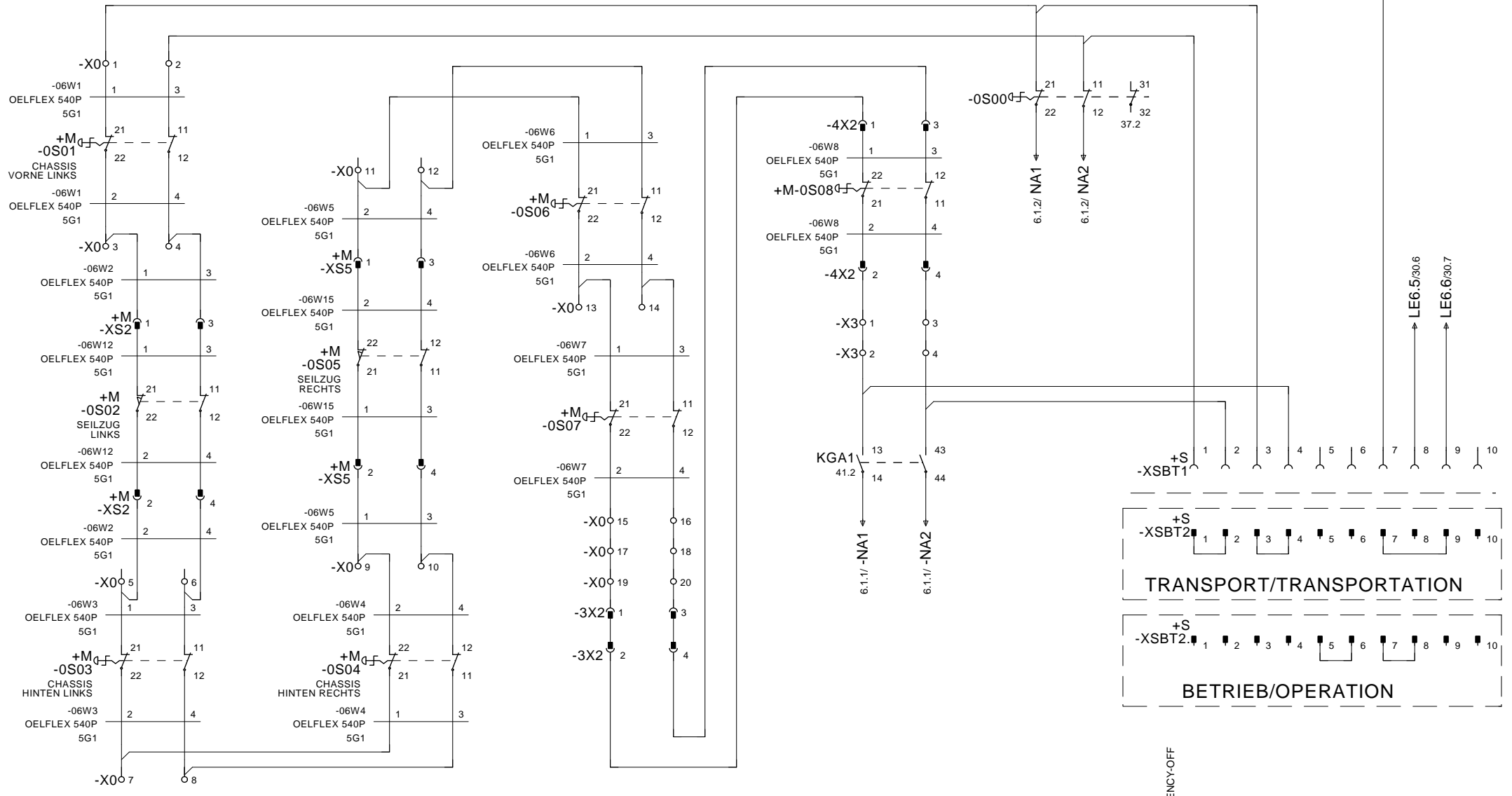
KRAFTSTECKDOSE 100A

STECKDOSE 15A/115V

AUF GLEICHEM
GERAETEADAPTER

		DATE	04.Dez.2015		KLEEMANN GMBH			 Kleemann	STEUERSpannung/ CONTROL VOLTAGE	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	41

7.4/L24VN → L24VN/6.1.0



E-STOP PUSH-BUTTON E-STOP PUSH-BUTTON

NOT-AUS TASTER NOT-AUS TASTER

BYPASS EMERGENCY-OFF

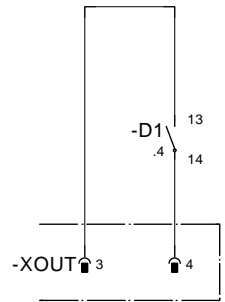
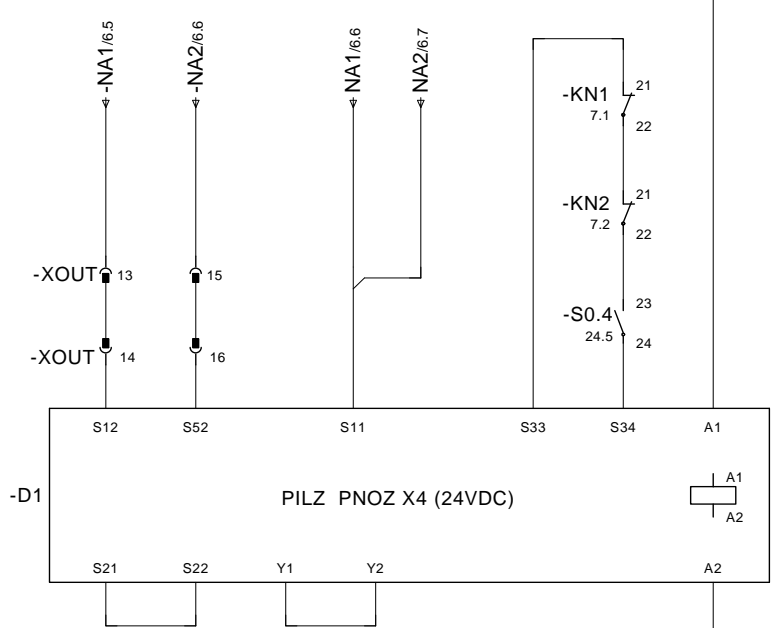
+24V SUPPLY

BETRIEB

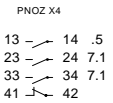
TRANSPORT

		DATE	04.Dez.2015	KLEEMANN GMBH			NOT-AUS/ EMERGENCY STOP	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 6
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41

6.9/L24VN → L24VN/8.5



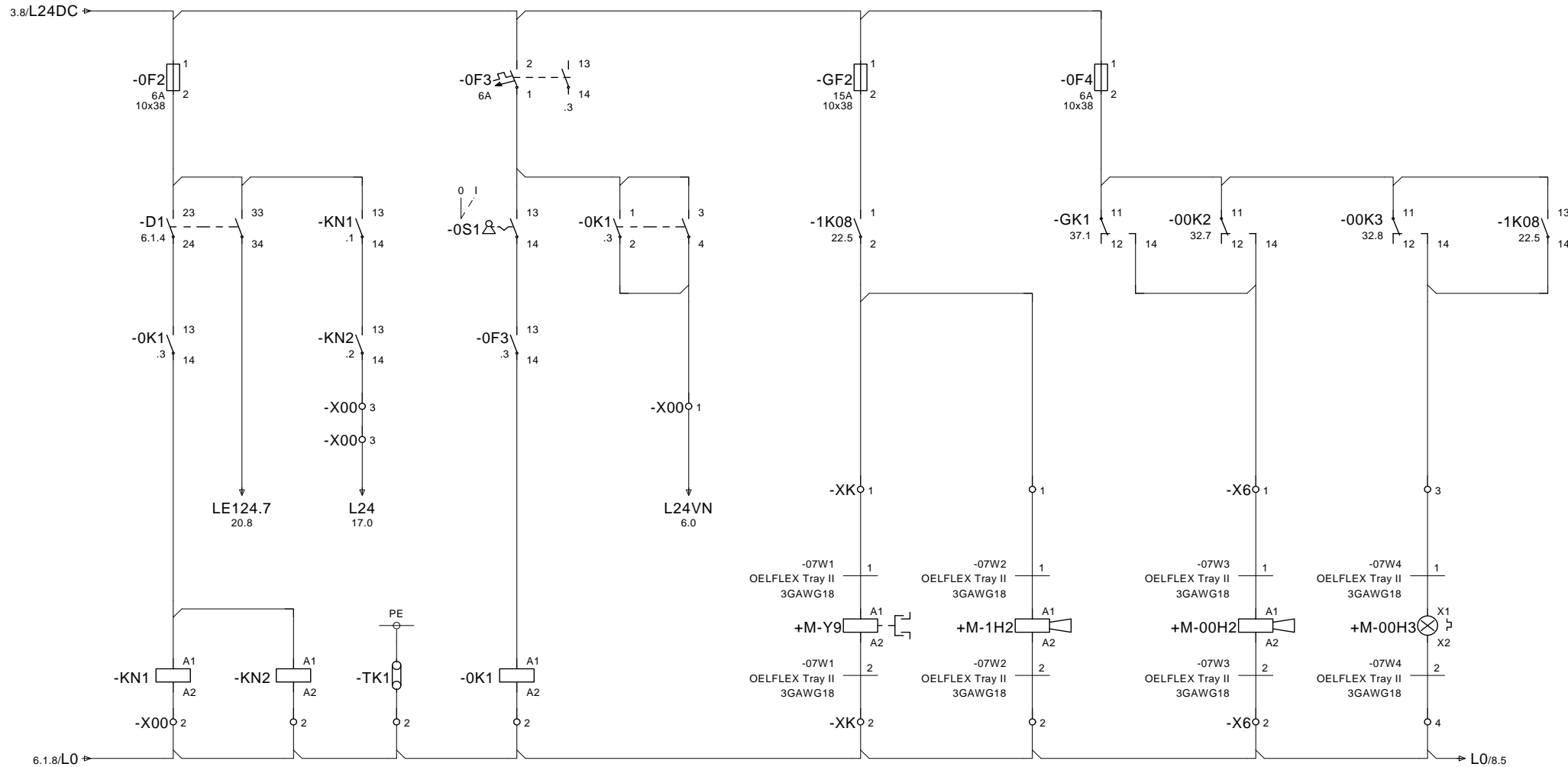
3.8/L0 → L0/7.0



E-STOP SWITCHGEAR

NOT-AUS SCHALTGERAET

		DATE	04.Dez.2015		KLEEMANN GMBH				NOT-AUS SCHALTGERAET/ E-STOP SWITCHGEAR	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 6.1
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 41	



SUPPLY 24V AFTER EMERGENCY STOP
 VERSORGUNG 24V NACH NOT-AUS

CONTROL VOLTAGE ON
 STEUERSPANNUNG EIN

COUPLING
 KUPPLUNG

RUN WARNING
 FAHRWARNUNG

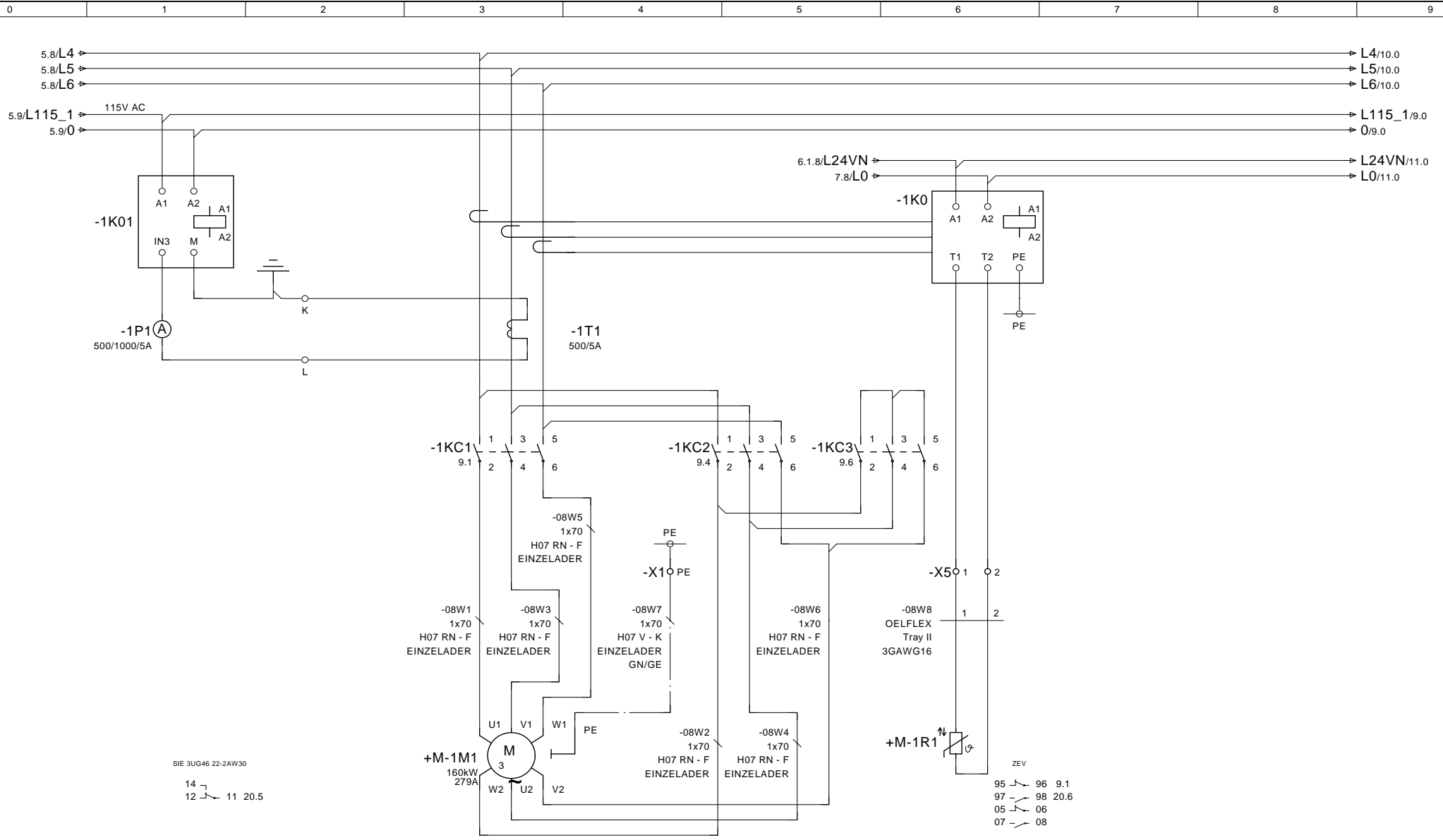
HOOTER
 HUPE

FLASHING LIGHT
 BLINKLICHT

6.1

8

		DATE	04.Dez.2015	KLEEMANN GMBH		kleemann	VERSORGUNG 24V STEUERSPG/ SUPPLY 24V CONTROL VOLTAGE	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG.	41

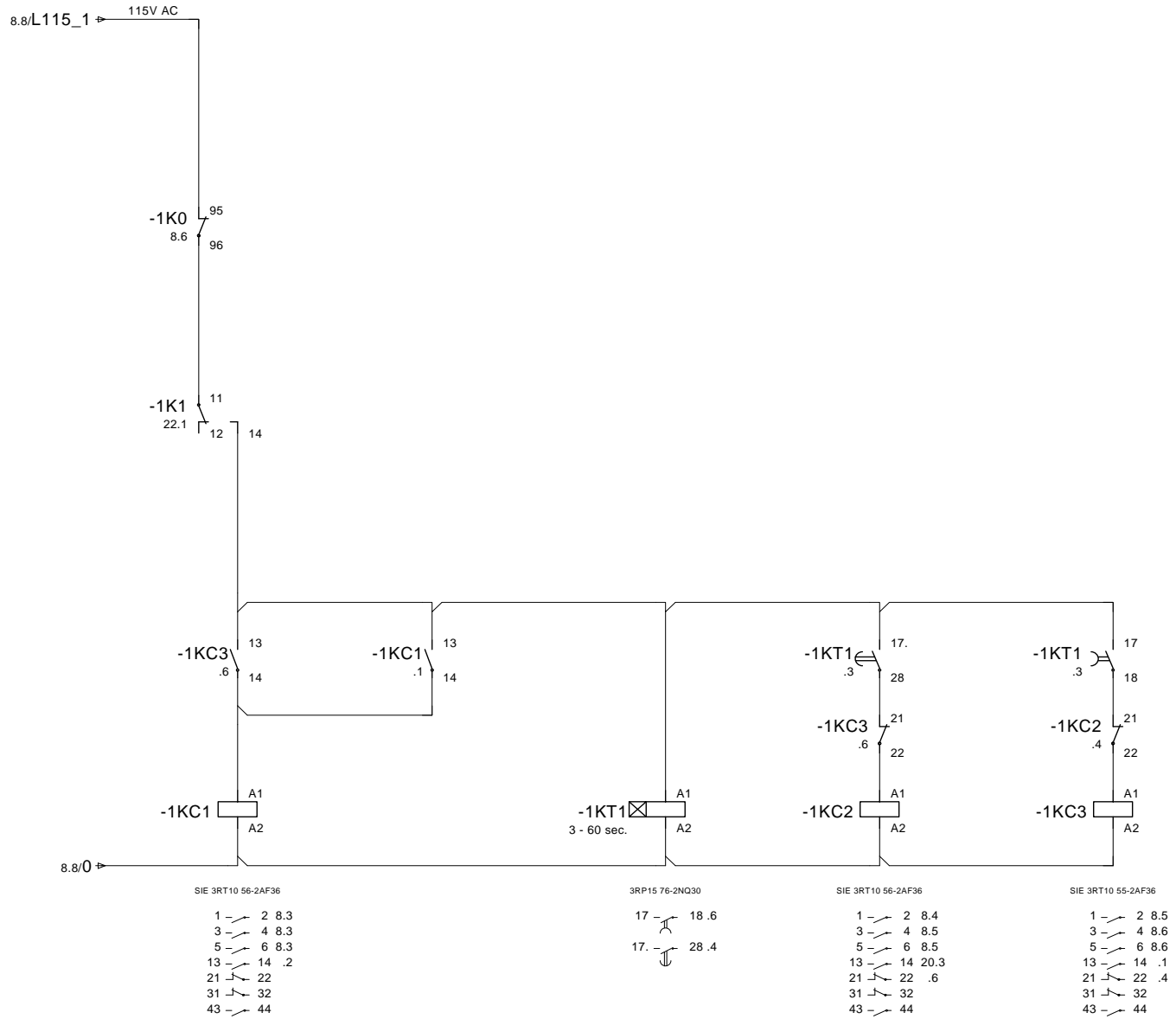


SIE 3UG46 22-2AW30
 14
 12 → 11 20.5

ZEV
 95 - 96 9.1
 97 - 98 20.6
 05 - 06
 07 - 08

CRUSHER 1
 BRECHER 1
 MOTOR PROTECTION RELAY
 MOTORSCHUTZRELAIS

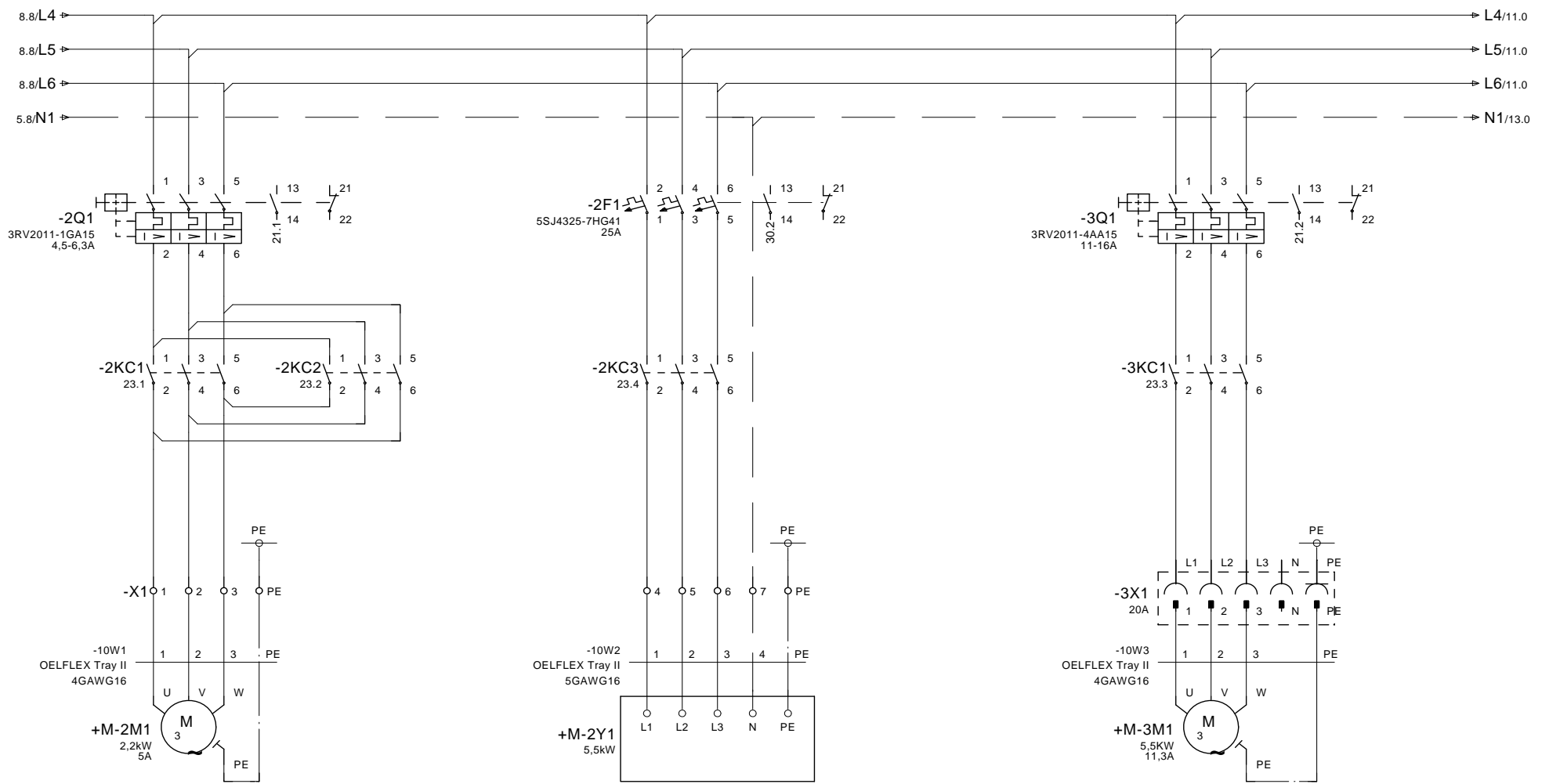
		DATE	04.Dez.2015	KLEEMANN GMBH		 Kleemann	BRECHER 1/ CRUSHER 1	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41



- | | | | |
|--|--------------------------|---|---|
| SIE 3RT10 56-2AF36 | 3RP15 76-2NQ30 | SIE 3RT10 56-2AF36 | SIE 3RT10 55-2AF36 |
| 1 — 2 8.3
3 — 4 8.3
5 — 6 8.3
13 — 14 .2
21 — 22
31 — 32
43 — 44 | 17 — 18 .6
17 — 28 .4 | 1 — 2 8.4
3 — 4 8.5
5 — 6 8.5
13 — 14 20.3
21 — 22 .6
31 — 32
43 — 44 | 1 — 2 8.5
3 — 4 8.6
5 — 6 8.6
13 — 14 .1
21 — 22 .4
31 — 32
43 — 44 |

N Y - D D Y

		DATE	04.Dez.2015	KLEEMANN GMBH		  STRG. BRECHER 1/ CONTROL. CRUSHER 1	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		PG.	41

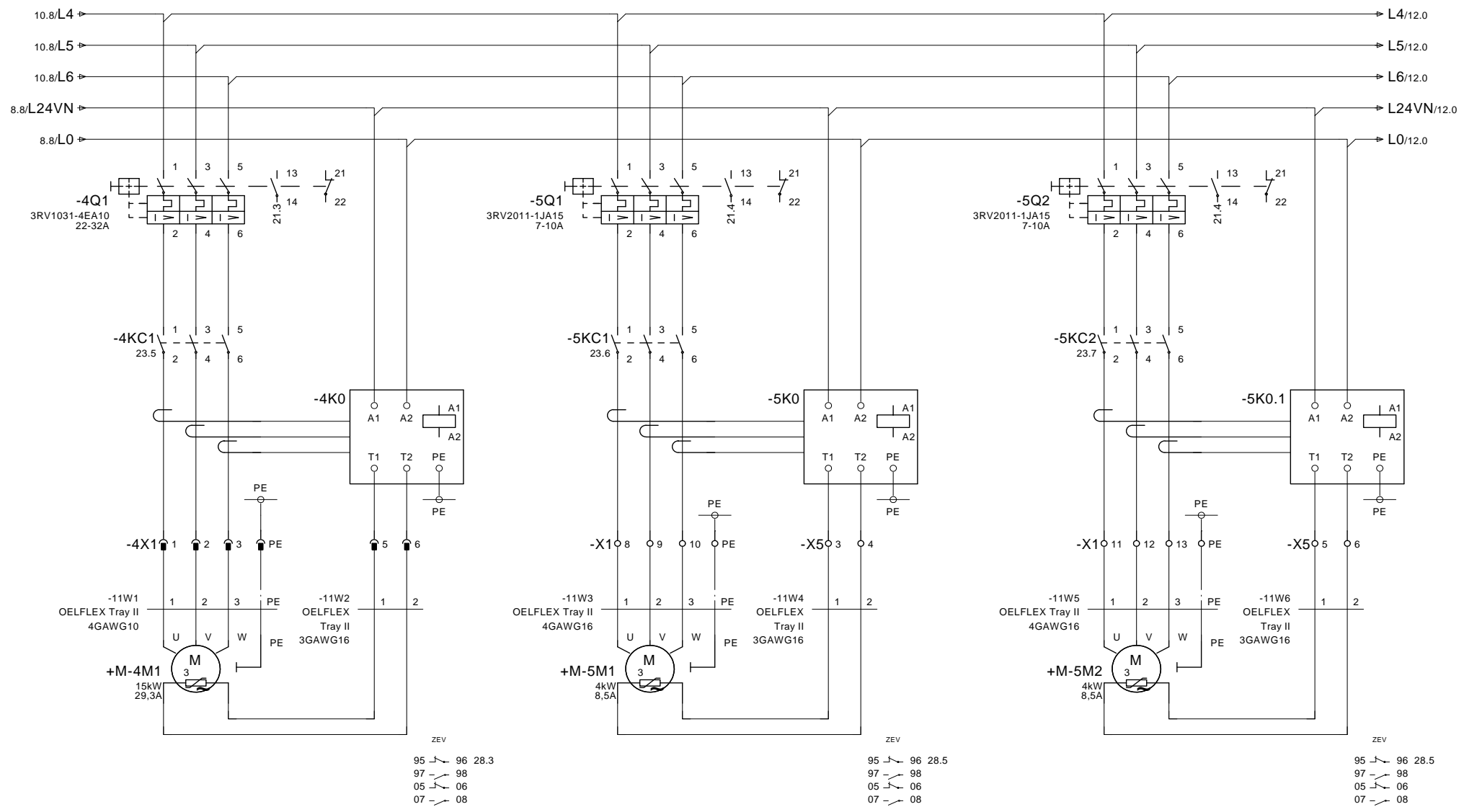


MAGNETIC BELT 2
MAGNETBAND 2

MAGNET
MAGNET

CONVEYOR BELT 3
FOERDERBAND 3

DATE		04.Dez.2015		KLEEMANN GMBH		  MOTOREN/ DRIVES		KLEEMANN SERIES		K007		= 100		+	
EDITED		JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM:		EPLAN 5.70	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.						PG. 41	



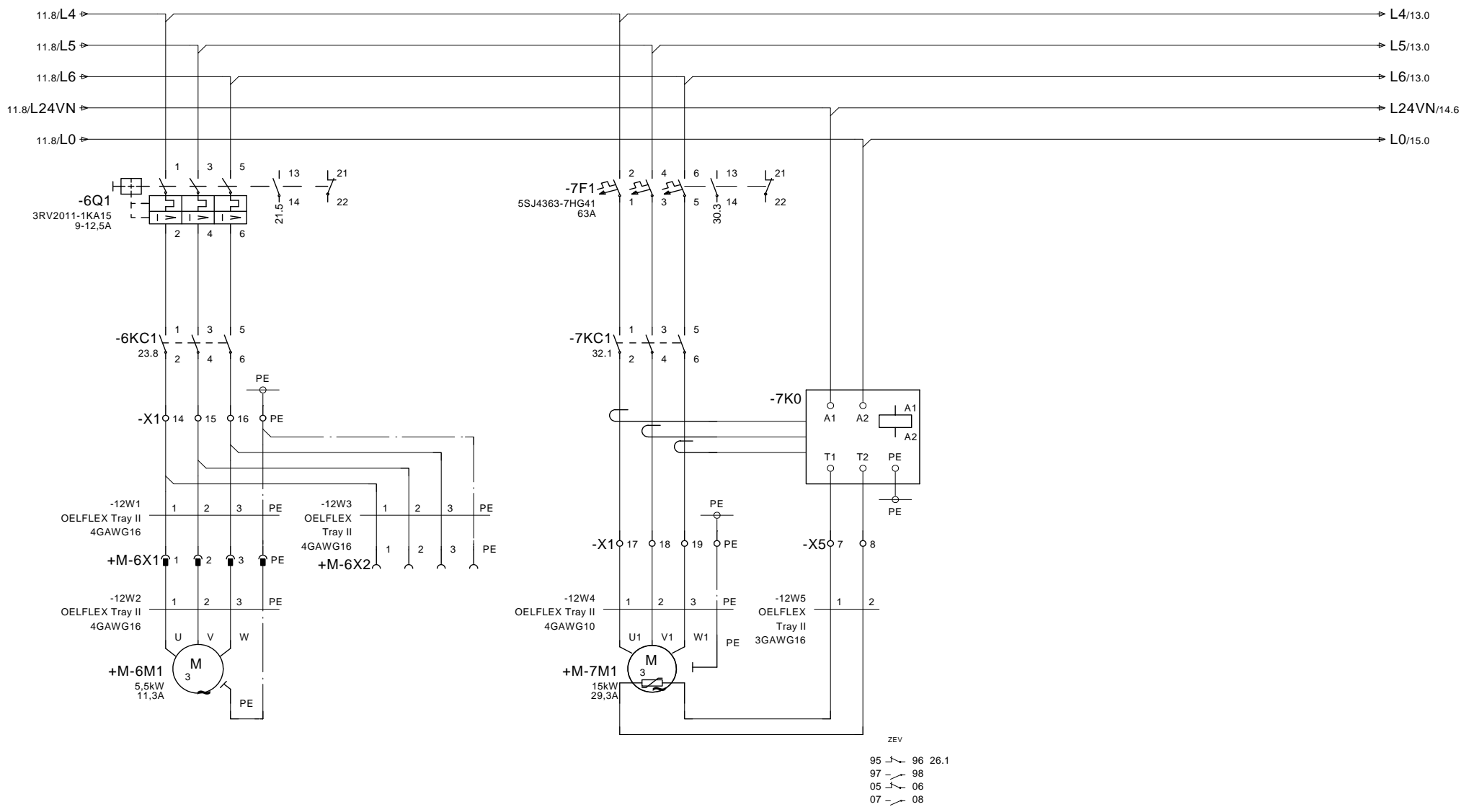
CONVEYOR BELT 4
FOERDERBAND 4

VIBRATING CHUTE/CRUSHER 5
FOERDERRINNE 5

VIBRATING CHUTE/CRUSHER 5
FOERDERRINNE 5

- ZEV
- 95 - 96 28.3
 - 97 - 98
 - 05 - 06
 - 07 - 08

DATE		04.Dez.2015		KLEEMANN GMBH		Kleemann		MOTOREN/ DRIVES		KLEEMANN SERIES		K007		= 100		+	
EDITED		JBR		MOBICAT MC 120 Z US				REP.T.		KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 11	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 41			



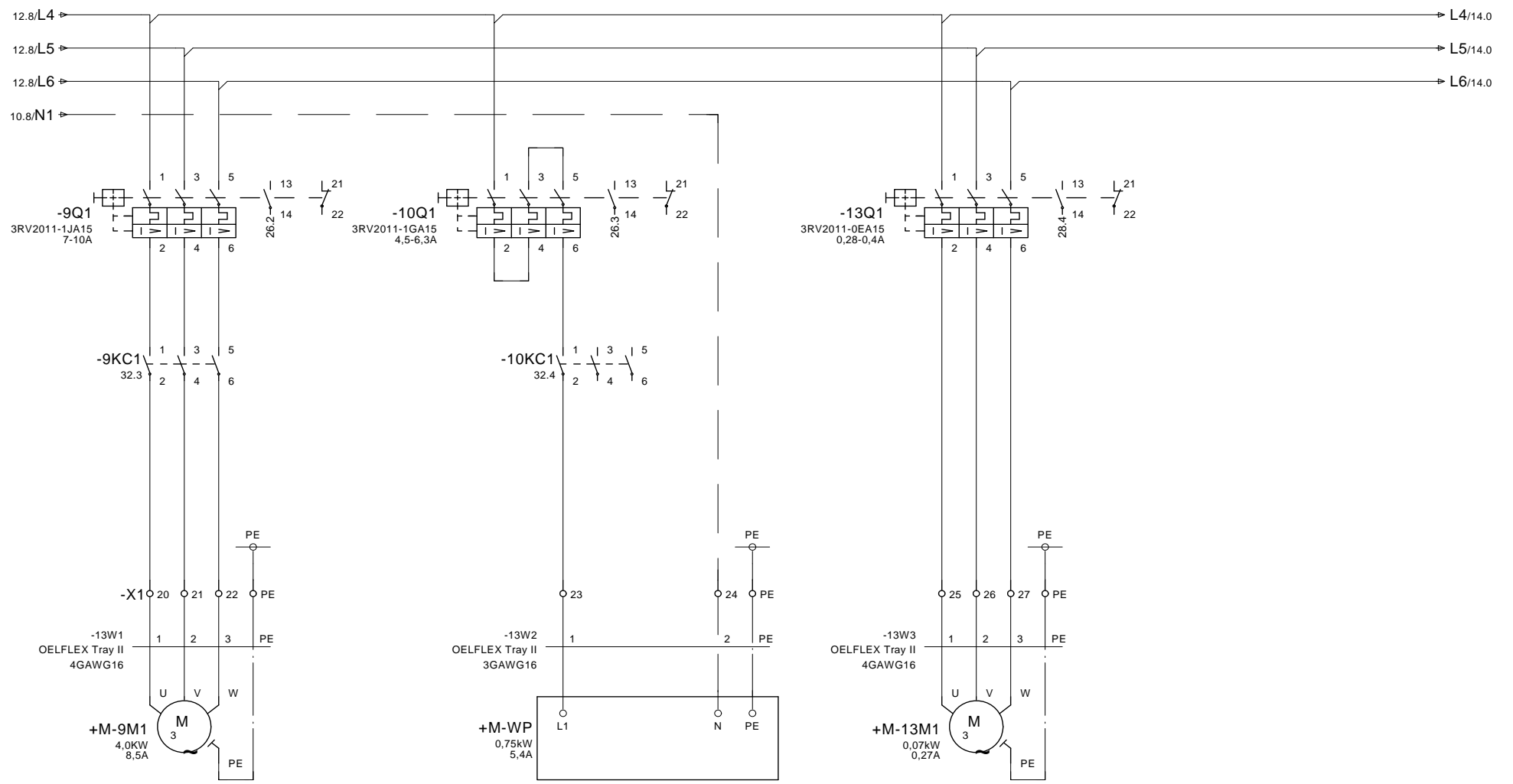
CONVEYOR BELT 6

VIBRATING SCREEN 7

FOERDERBAND 6

VIBRATIONSSIEB 7

		DATE	04.Dez.2015		KLEEMANN GMBH			 	MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	41



HYDRAULIC 9

WATERPUMP 10

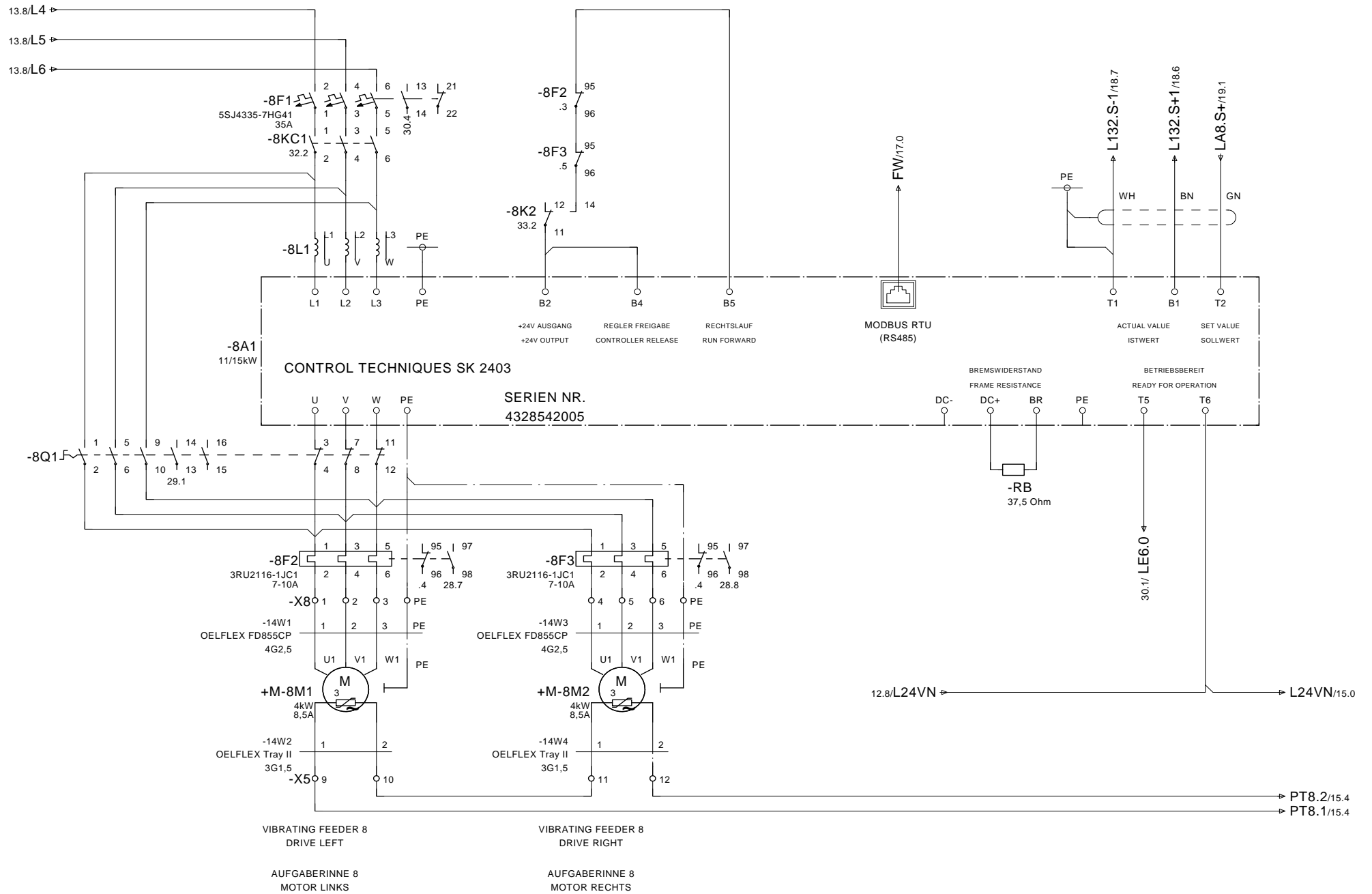
EXCESS PRESSURE FAN 1

HYDRAULIK 9

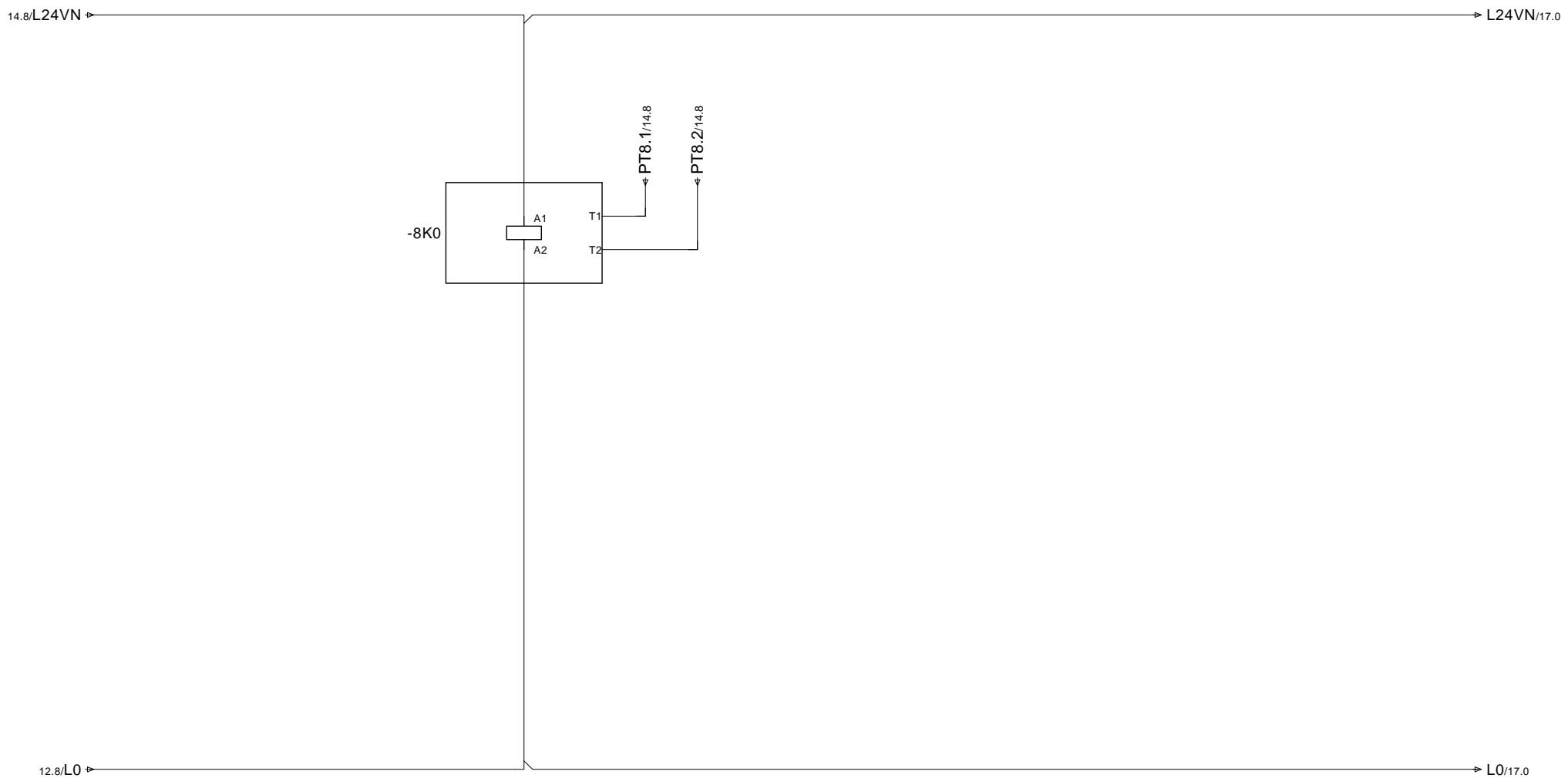
WASSERPUMPE 10

UEBERDRUCKGEBLAESE 1

		DATE	04.Dez.2015		KLEEMANN GMBH			 	MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 13
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 41	



		DATE	04.Dez.2015	KLEEMANN GMBH		 	AUFGABERINNE 8 - POS. 2/ VIBRATING FEEDER 8 - POS. 2	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41

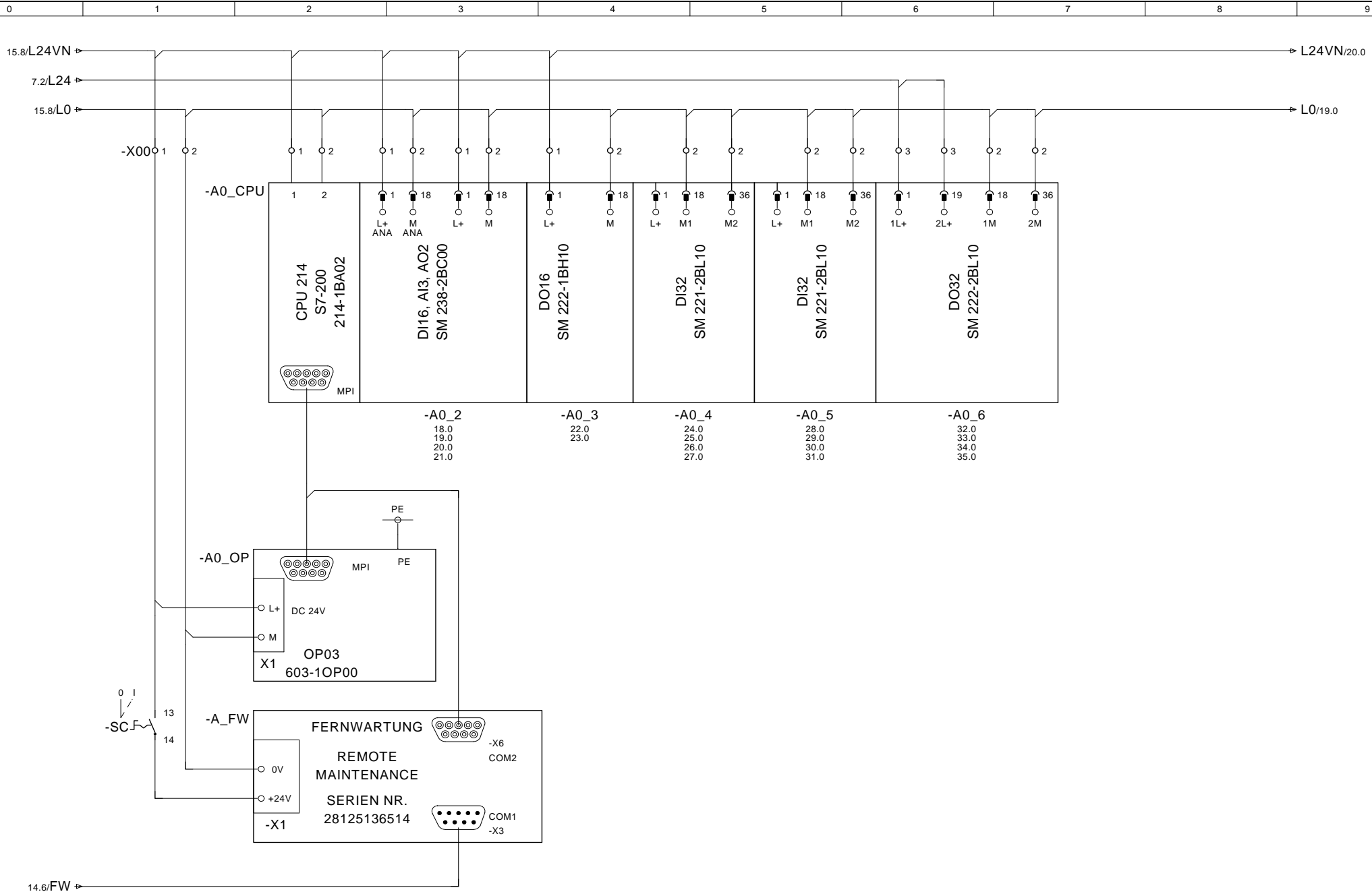


SIE 3RN10 10-2CB00
 95 - 96
 97 - 98 28.6

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

			DATE	04.Dez.2015	KLEEMANN GMBH			 	TEMPERATURUEBERWACHUNG/ TEMPERATURE CONTROL	KLEEMANN SERIES	K007	= 100	+		
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.	15
			CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.						PG.	41	

			DATE	04.Dez.2015	KLEEMANN GMBH			 	RESERVE/ SPARE	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 16
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41

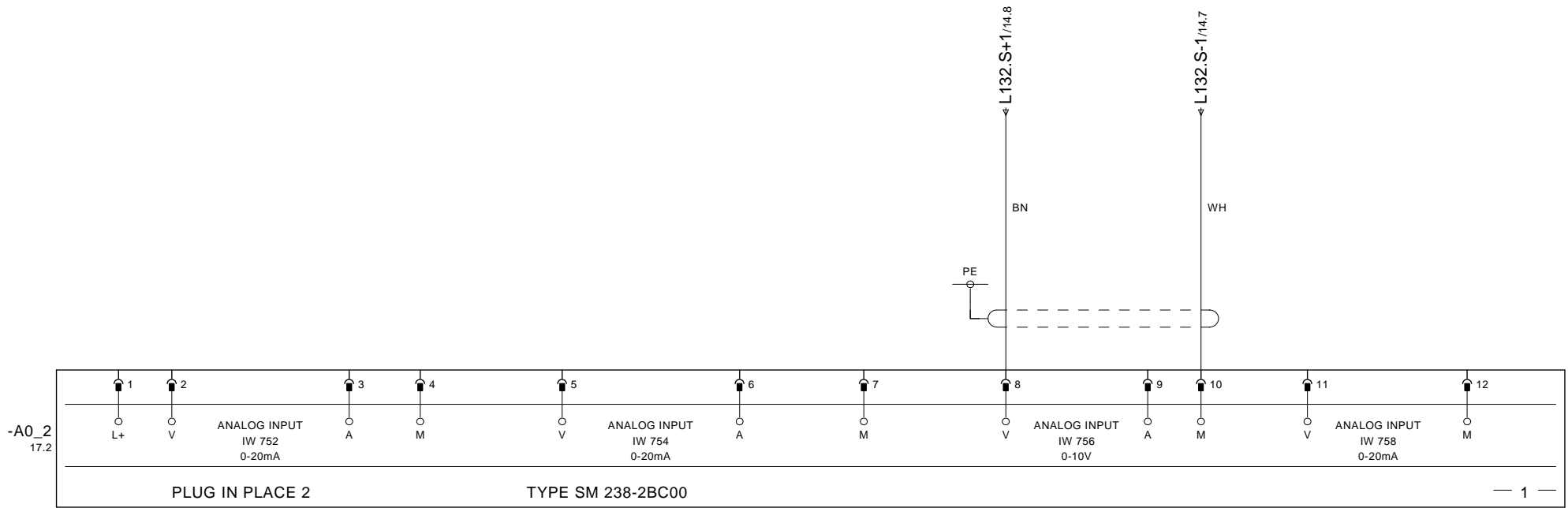


DATE	04.Dez.2015	KLEEMANN GMBH	
EDITED	JBR	MOBICAT MC 120 Z US	
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.
NORM	DIN	REP.T.	



CPU STEUERUNG/
CPU CONTROL SYSTEM

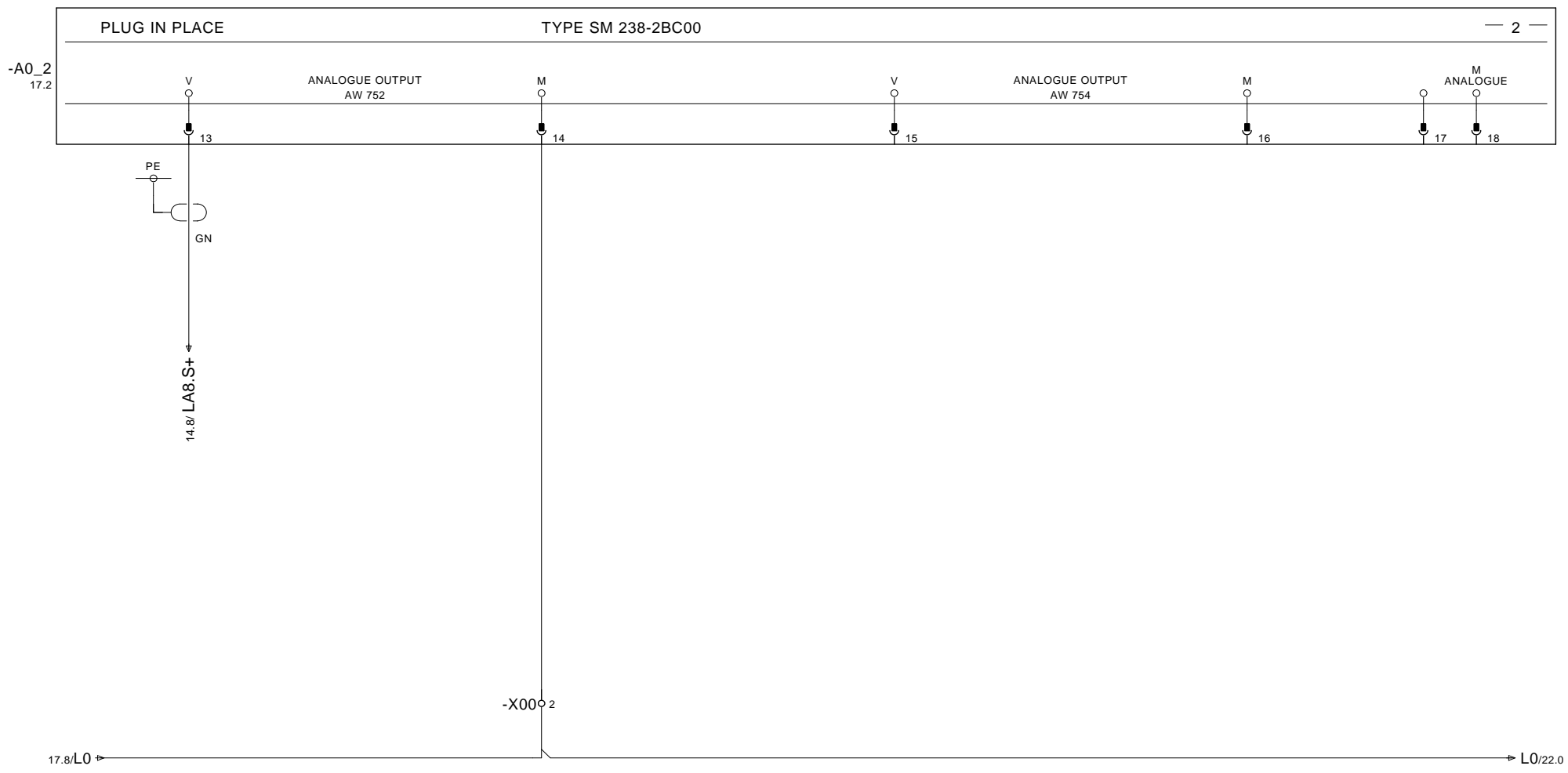
KLEEMANN SERIES	K007	= 100	+
KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 17
			PG. 41



SPARE SPARE SPARE SPARE ACTUAL VALUE FREQUENCY CONVERTER VIBRATING FEEDER 8 SPARE

RESERVE RESERVE RESERVE RESERVE ISTWERT FREQUENZUMRICHTER AUFGABERINNE 8 RESERVE

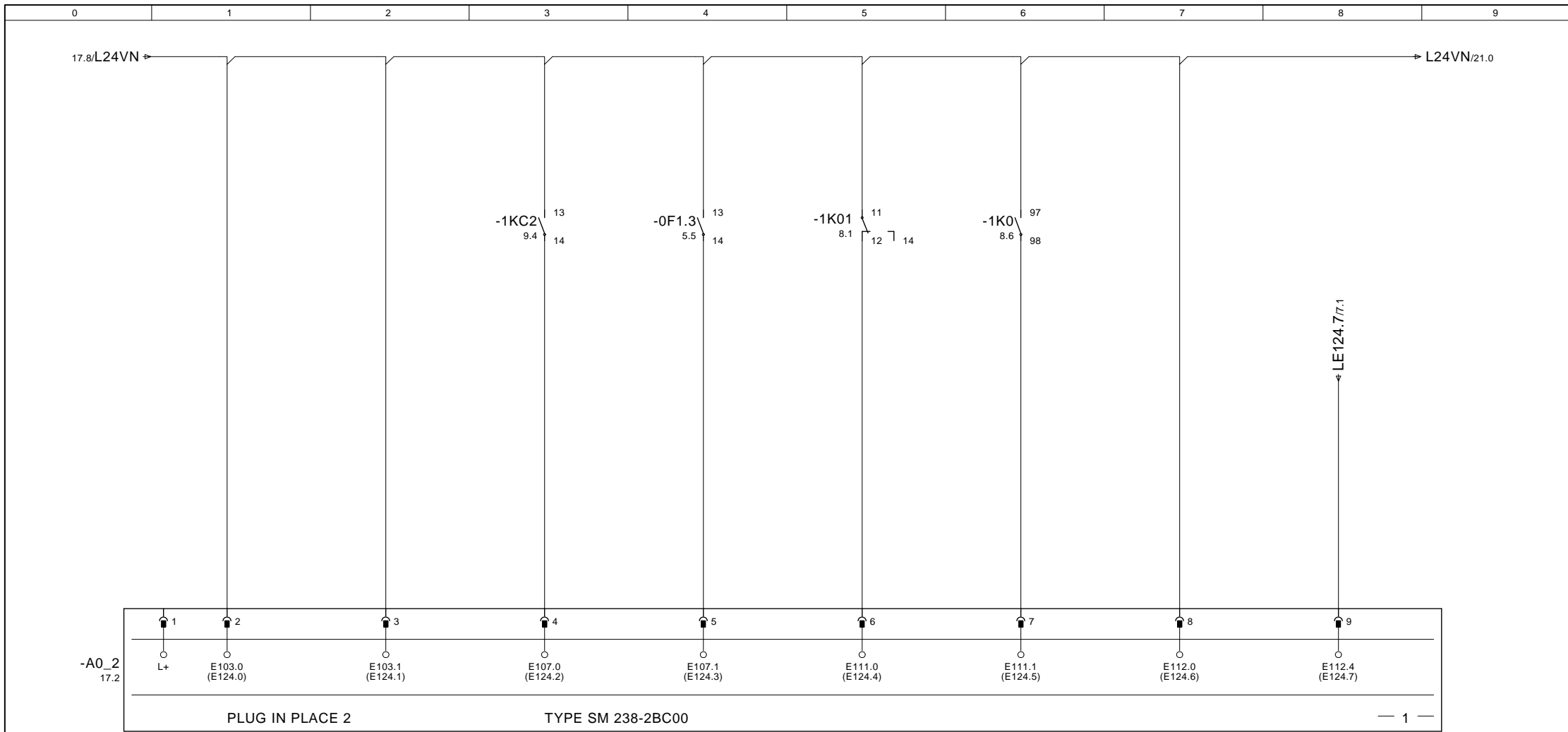
		DATE	04.Dez.2015		KLEEMANN GMBH			 	ANALOG EINGÄNGE/ ANALOG INPUTS	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 18
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 41	



SET VALUE
 FREQUENCY CONVERTER
 VIBRATING FEEDER 8
 SOLLWERT
 FREQUENZUMRICHTER
 AUFGABERINNE 8

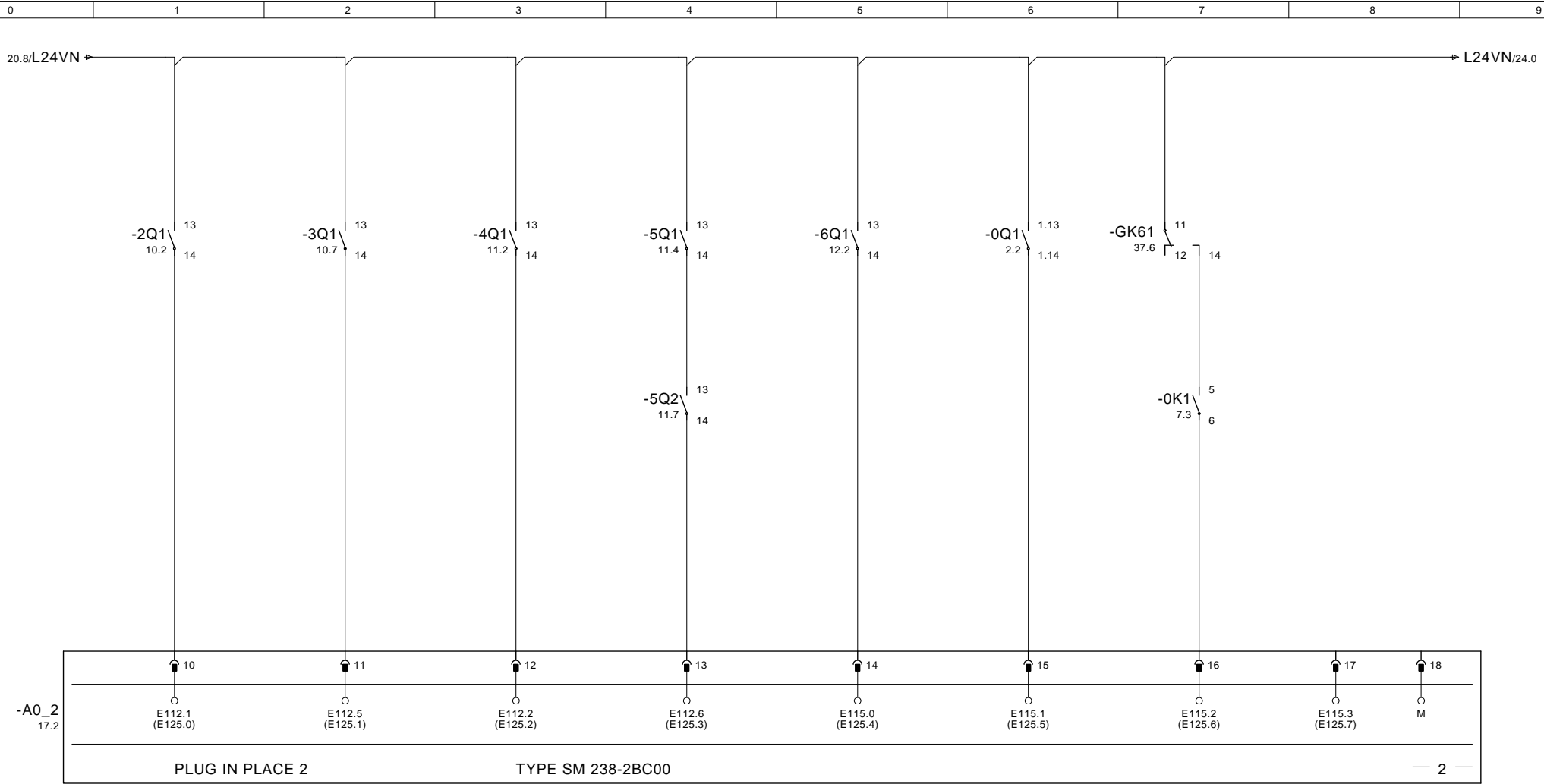
SPARE
 RESERVE

		DATE	04.Dez.2015		KLEEMANN GMBH			 	ANALOGUE AUSGAENGE/ ANALOG OUTPUTS		KLEEMANN SERIES	K007		= 100	+	
		EDITED	JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570		CAE-SYSTEM:	EPLAN 5.70		PG.	19
MODIFICAT.	DATE	NAME	NORM	DIN	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

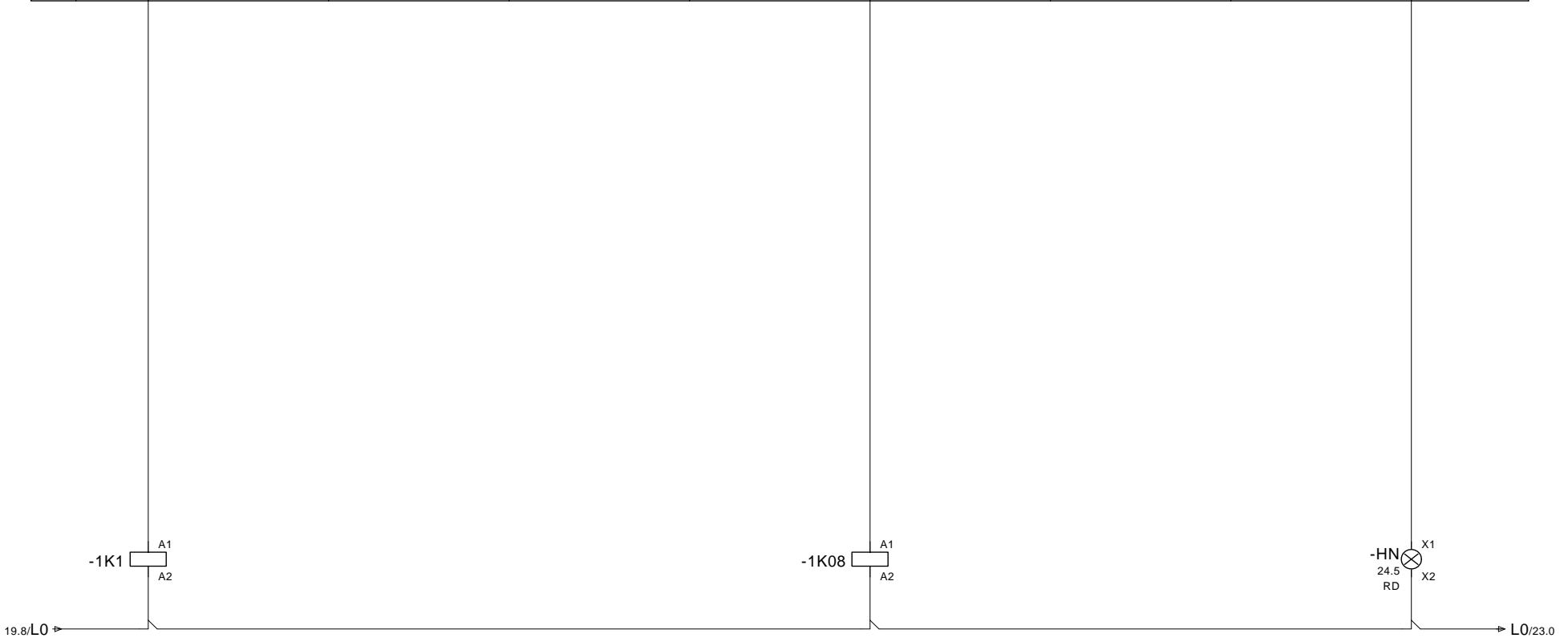
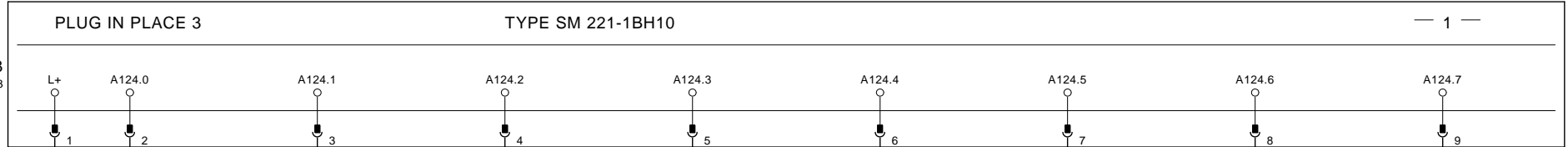
		DATE	04.Dez.2015		KLEEMANN GMBH		 	DIGITALE EINGAENGE E124.0-E124.7/ DIGITAL INPUTS E124.0-E124.7	KLEEMANN SERIES K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US						
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41



MONITORING MOTOR PROTECTION SWITCH
UEBERWACHUNG MOTORSCHUTZSCHALTER

MAGNETIC BELT 2	CONVEYOR BELT 3	CONVEYOR BELT 4	VIBRATING CHUTE/ CRUSHER 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	04.Dez.2015	KLEEMANN GMBH		 	DIGITALE EINGAENGE E125.0-E125.7 DIGITAL INPUTS E125.0-E125.7	KLEEMANN SERIES K007	= 100 +	
EDITED	JBR	MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO 2268570
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	PG. 41



WAGO 788-312
 14 —
 12 — 11 9.1
 24 —
 22 — 21

SIE 3RT2015-2BB41
 1 — 2 7.5
 3 — 4
 5 — 6 41.7
 13 — 14 7.9

RELEASING
CRUSHER

 FREIGABE
BRECHER

SPARE

 RESERVE

SPARE

 RESERVE

SPARE

 RESERVE

CONTACTOR
COUPLING ON

 SCHUETZ
FAHRKUPPLUNG

SPARE

 RESERVE

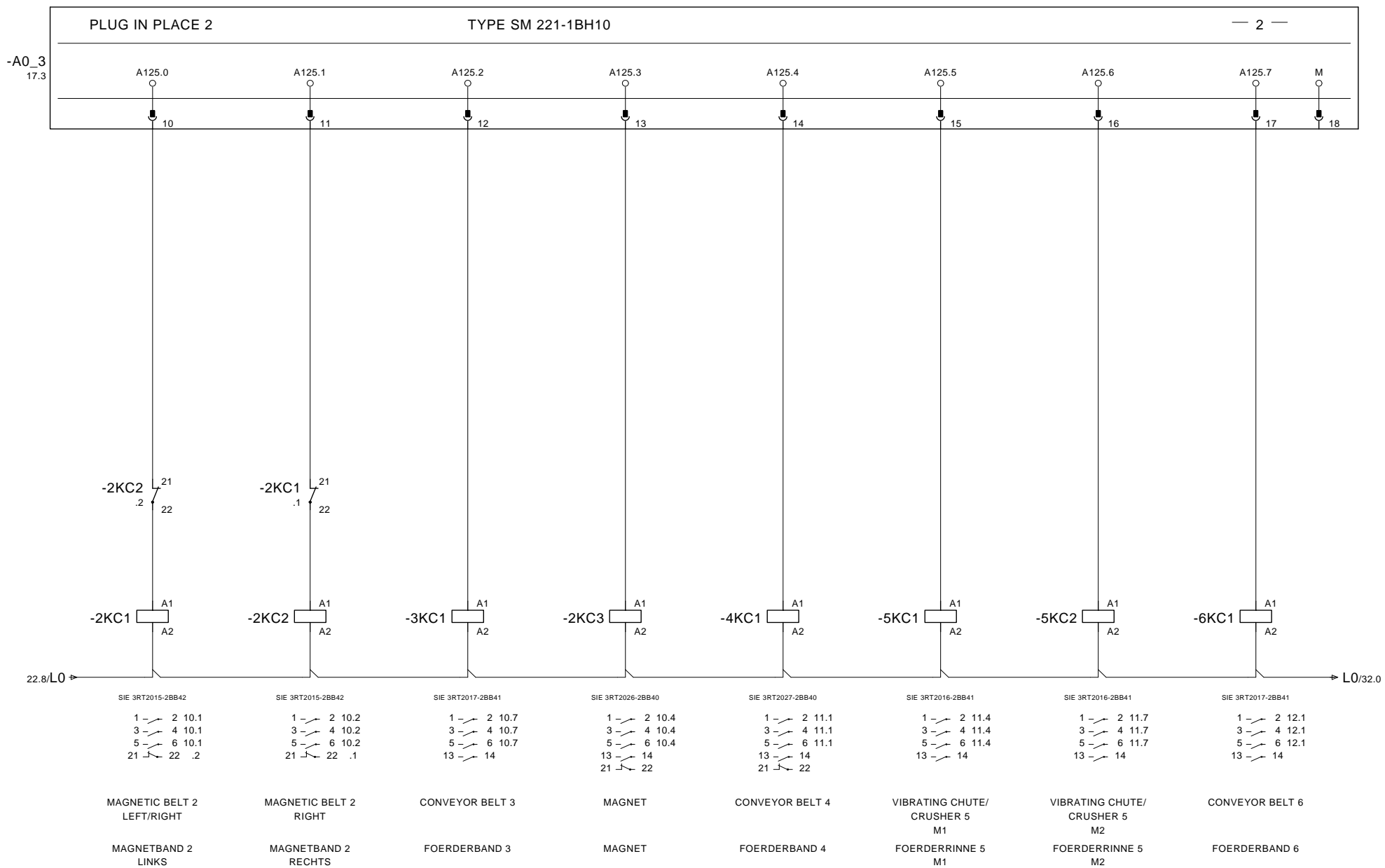
SPARE

 RESERVE

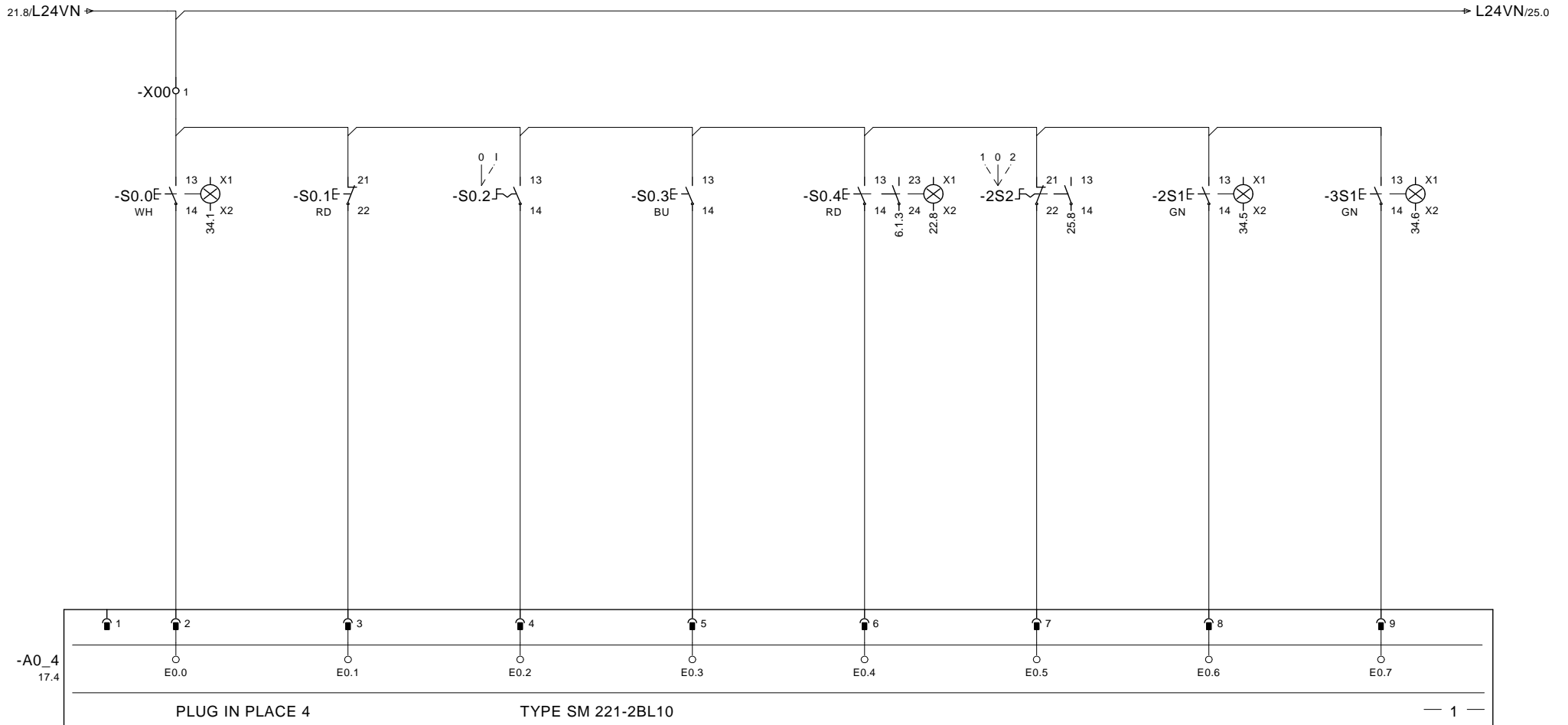
EMERGENCY STOP

 NOT-AUS

		DATE	04.Dez.2015		KLEEMANN GMBH			 	DIGITALE AUSGAENGE		KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US				A 124.0 - A 124.7/ DIGITAL OUTPUTS A 124.0 - A 124.7		KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 22
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41	

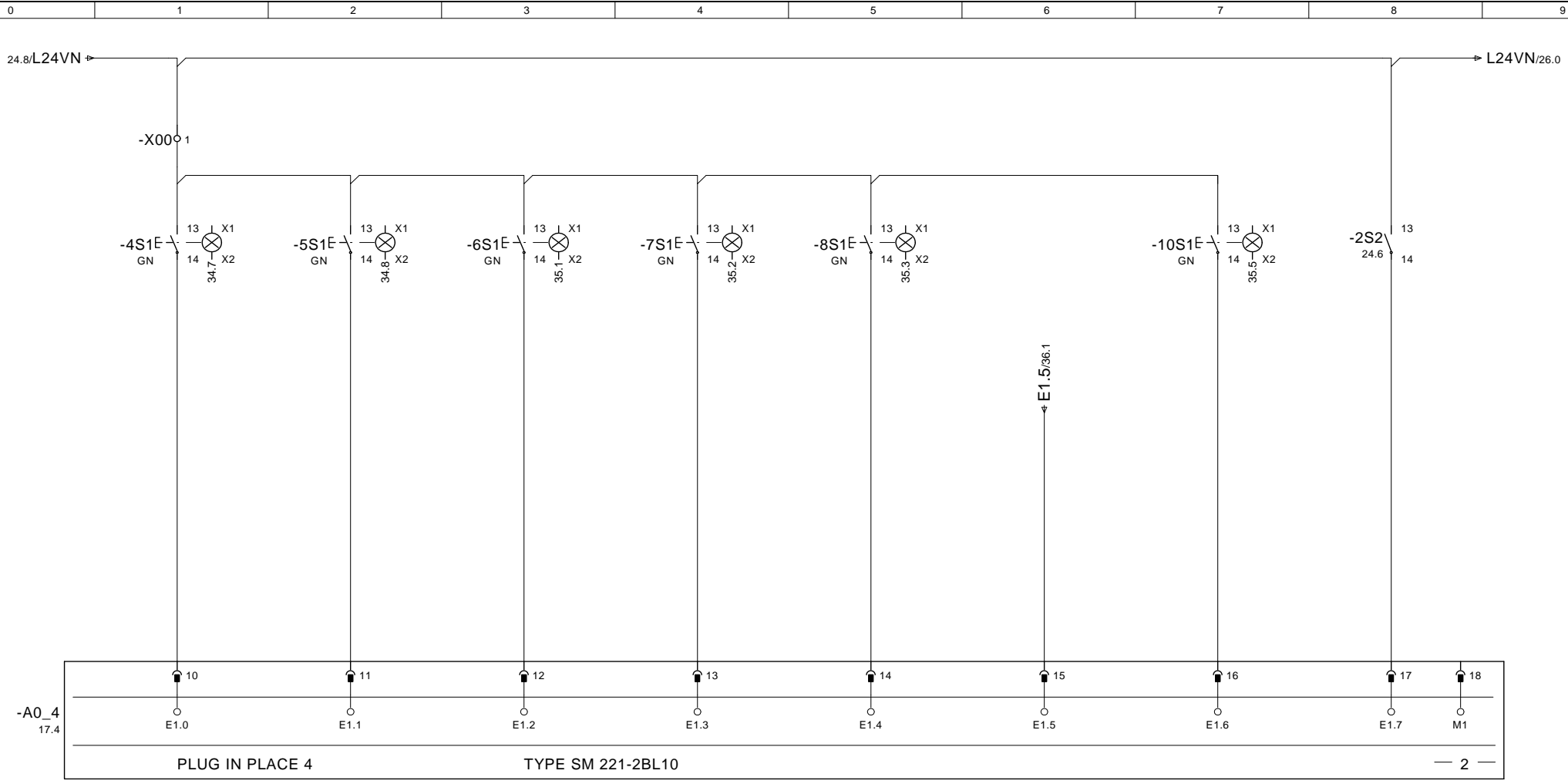


DATE		04.Dez.2015		KLEEMANN GMBH		  DIGITALE AUSGAENGE A 125.0 - A 125.7/ DIGITAL OUTPUTS A 125.0 - A 125.7		KLEEMANN SERIES		K007		= 100		+	
EDITED		JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 23	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 41			



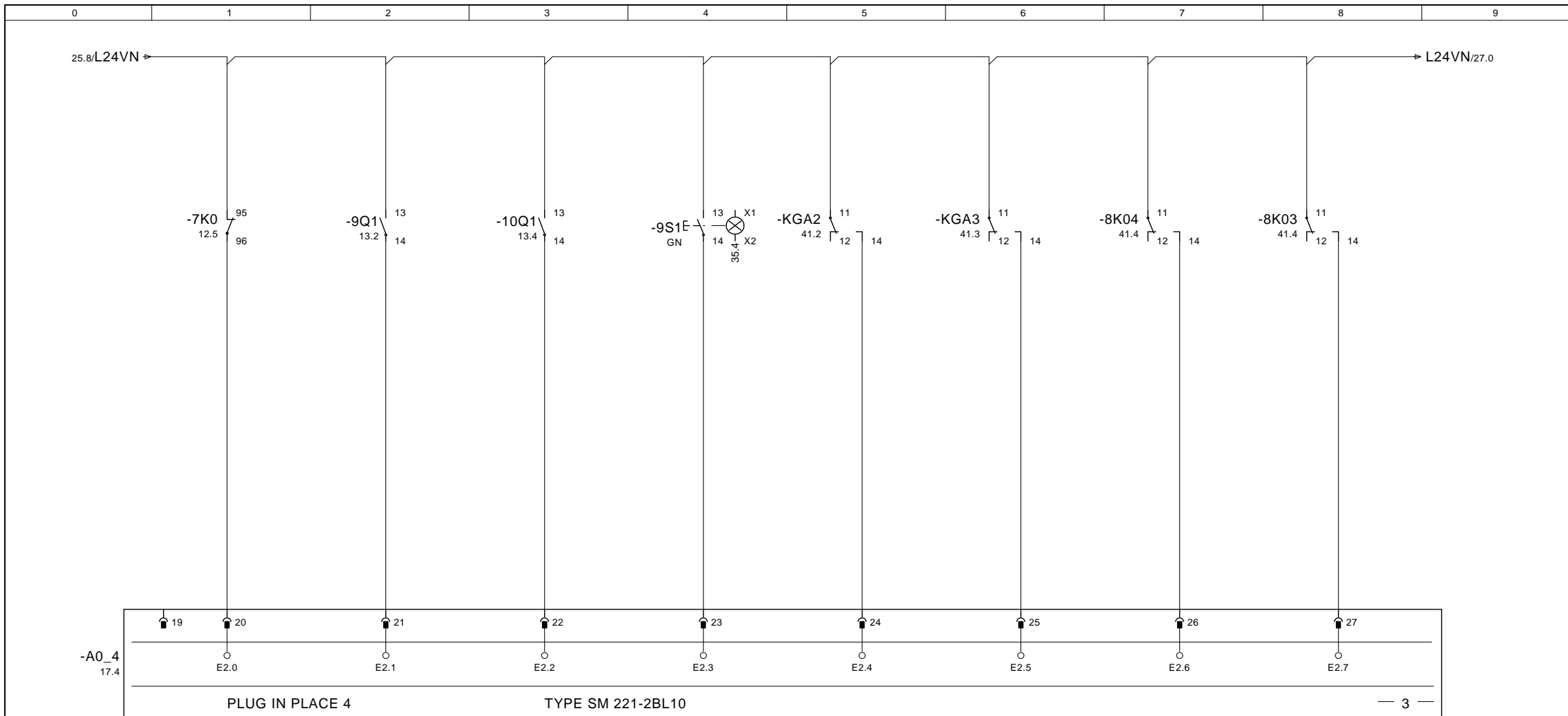
INSTALLATION ON	INSTALLATION OFF	AUTO/REPAIR	LAMP TEST	EMERGENCY STOP RESET	MAGNETIC BELT 2 POSITION 0	MAGNETIC BELT 2 ON/OFF	CONVEYOR BELT 3 ON/OFF
ANLAGE EIN	ANLAGE AUS	AUTO/REPARATUR	LAMPENTEST	NOT-AUS STOERUNG QUITTIEREN	MAGNETBAND 2 POSITION 0	MAGNETBAND 2 EIN/AUS	FOERDERBAND 3 EIN/AUS

DATE	04.Dez.2015	KLEEMANN GMBH		 	DIGITALE EINGAENGE E 0.0 - E 0.7/ DIGITAL INPUTS E 0.0 - E 0.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41



CONVEYOR BELT 4 ON/OFF	VIBRATING CHUTE/ CRUSHER 5 ON/OFF	CONVEYOR BELT 6 ON/OFF	VIBRATING SCREEN 7 ON/OFF	VIBRATING FEEDER 8 ON/OFF	LIGHT BARRIER	WATERPUMP 10 ON/OFF	MAGNETIC BELT 2 RIGHT
FOERDERBAND 4 EIN/AUS	FOERDERRINNE 5 EIN/AUS	FOERDERBAND 6 EIN/AUS	VIBRATIONSSIEB 7 EIN/AUS	AUFGABERINNE 8 EIN/AUS	LICHTSCHRANKE	WASSERPUMPE 10 EIN/AUS	MAGNETBAND 2 RECHTS

DATE	04.Dez.2015	KLEEMANN GMBH		 	DIGITALE EINGAENGE E 1.0 - E 1.7/ DIGITAL INPUTS E 1.0 - E 1.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	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	04.Dez.2015
EDITED	JBR
CONTR.	D. MALLKOWSKY

KLEEMANN GMBH
MOBICAT MC 120 Z US



DIGITAL EINGAENGE E 2.0 - E 2.7/
DIGITAL INPUTS E 2.0 - E 2.7

KLEEMANN
SERIES K007

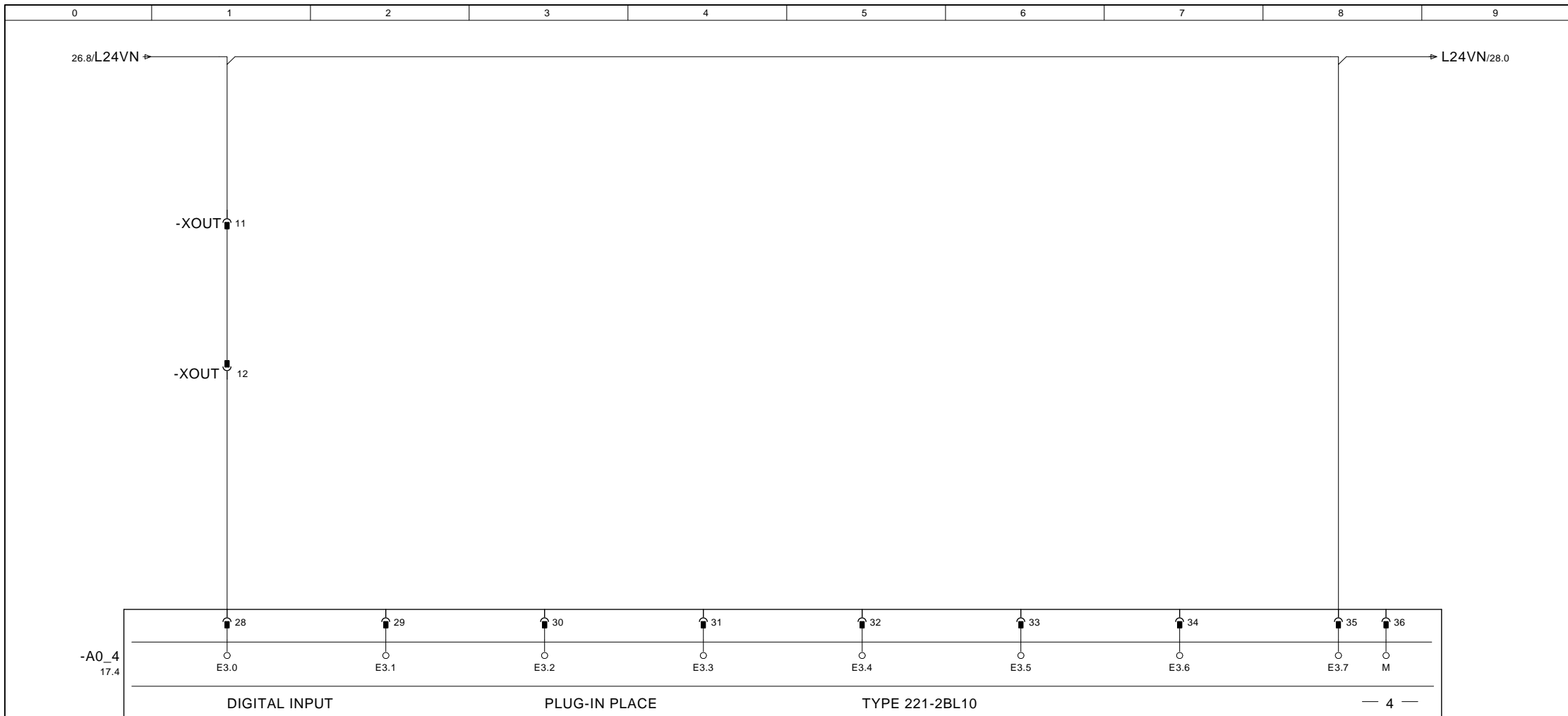
KLEEMANN
MATERIAL NO 2268570

= 100

CAE-SYSTEM:
EPLAN 5.70

+

PG. 26
PG. 41



LOCKING
CONVEYOR BELT 2

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

VERRIEGELUNG
FOERDERBAND 2

RESERVE

RESERVE

RESERVE

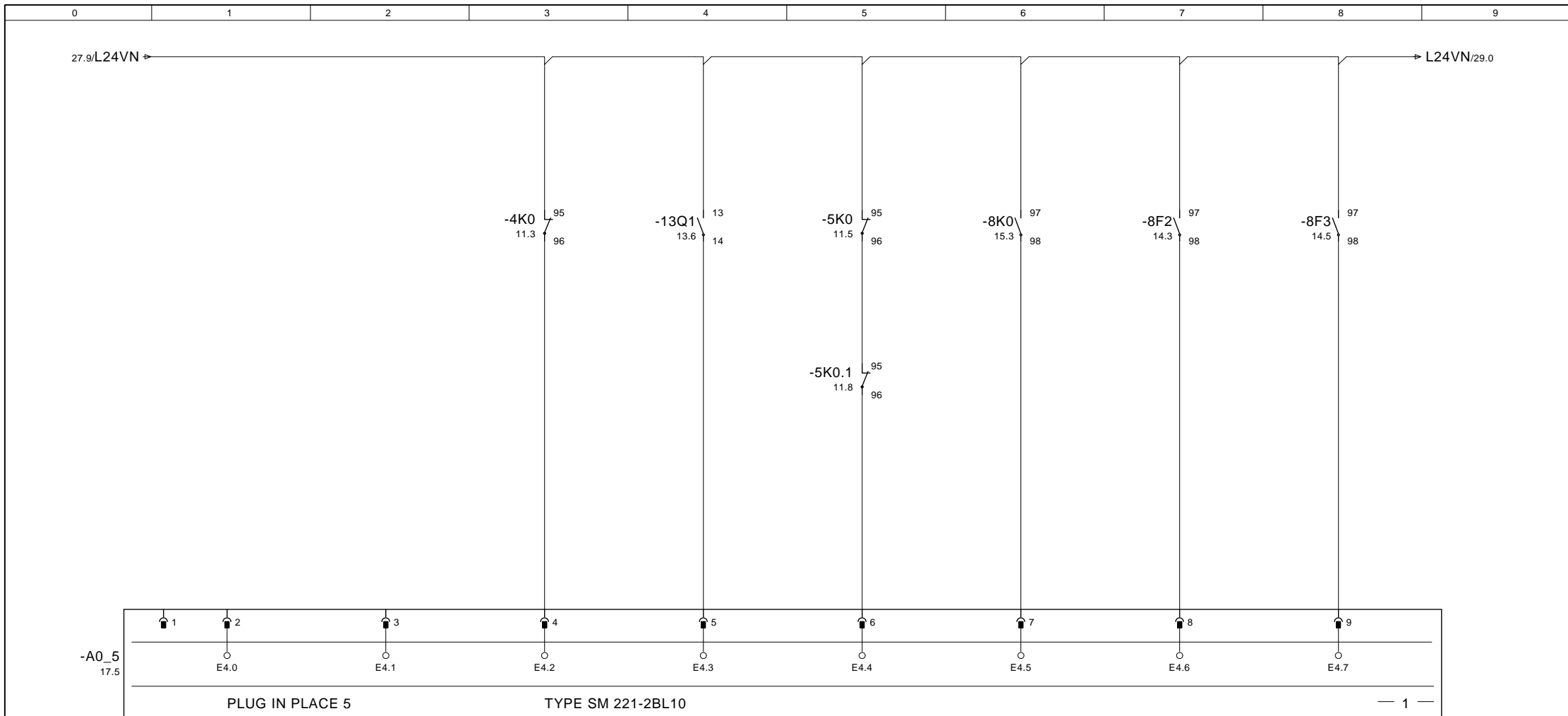
RESERVE

RESERVE

RESERVE

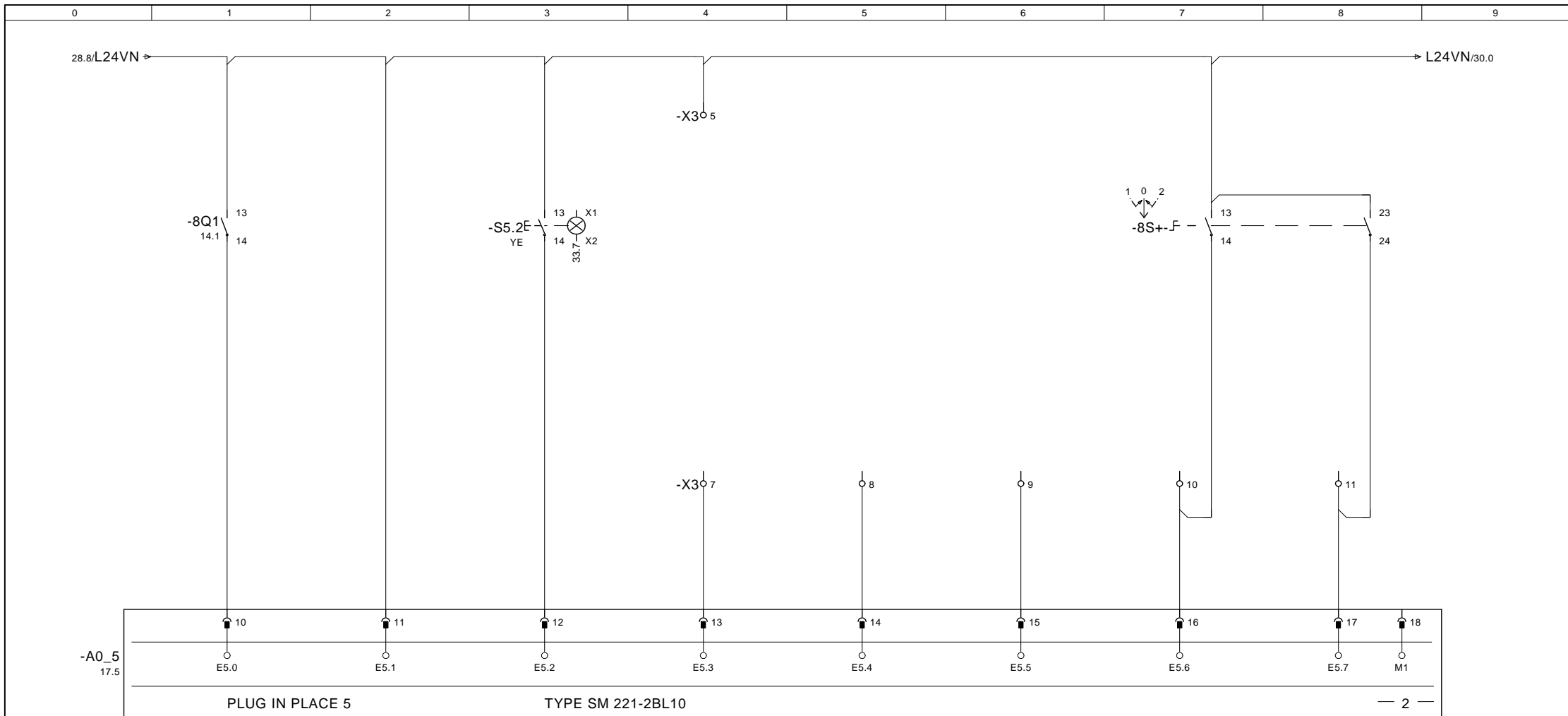
RESERVE

			DATE	04.Dez.2015	KLEEMANN GMBH			 	DIGITAL EINGAENGE E 3.0 - E 3.7/ DIGITAL INPUTS E 3.0 - E 3.7	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 27
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					EPLAN 5.70	PG. 41



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	04.Dez.2015	KLEEMANN GMBH		 	DIGITAL EINGAENGE E 4.0 - E 4.7/ DIGITAL INPUTS E 4.0 - E 4.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	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	04.Dez.2015
EDITED	JBR
CONTR.	D. MALLKOWSKY

KLEEMANN GMBH
MOBICAT MC 120 Z US



DIGITALE EINGAENGE E 5.0 - E 5.7/
DIGITAL INPUTS E 5.0 - E 5.7

KLEEMANN
SERIES K007

KLEEMANN
MATERIAL NO 2268570

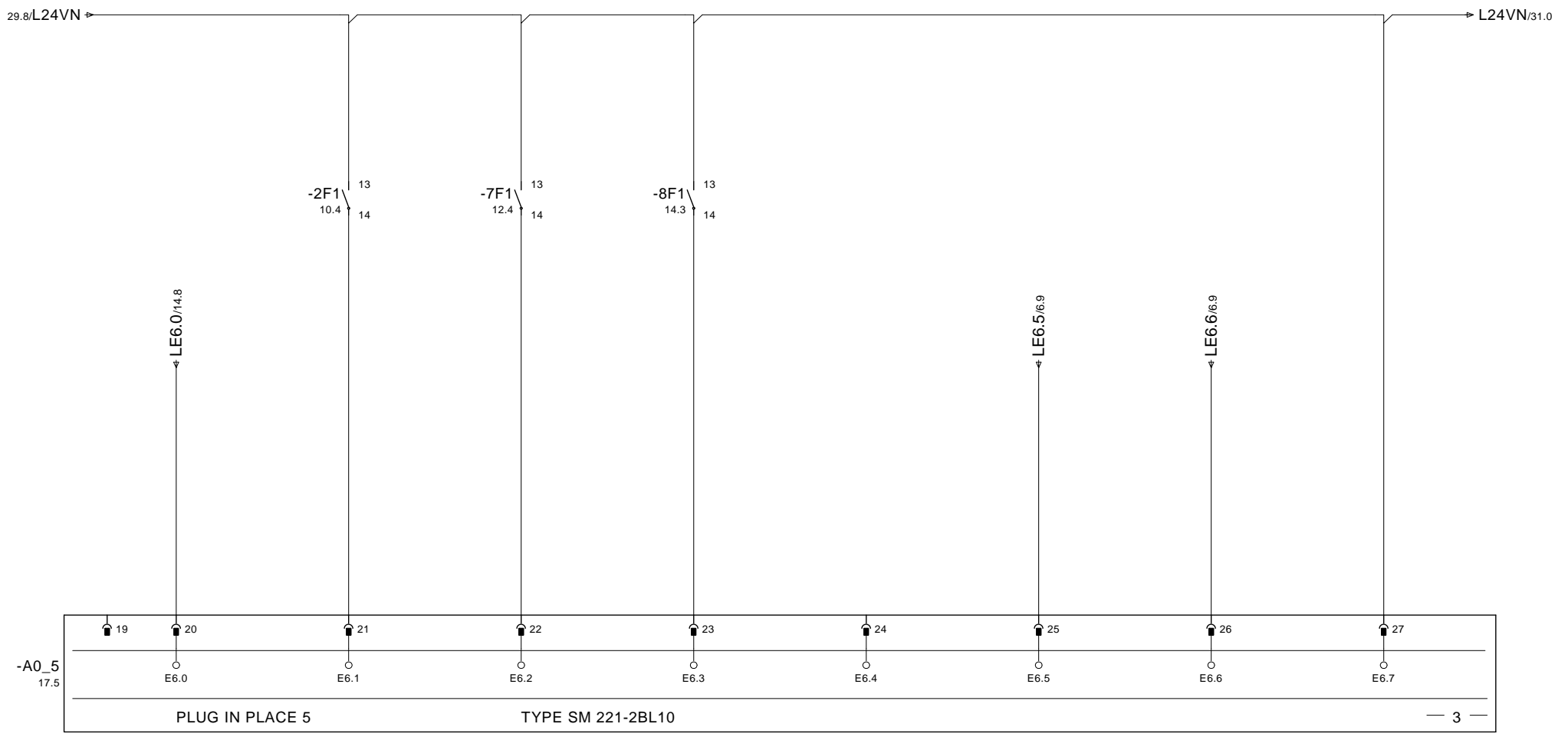
= 100

CAE-SYSTEM:
EPLAN 5.70

+

PG. 29

PG. 41



MALFUNCTION FREQUENCY CONVERTER VIBRATING FEEDER 8 STOERUNG FU AUFGABERINNE 8	SUPERVISION OF FUSE MAGNET 2 SICHERUNGS- UEBERWACHUNG MAGNET 2	SUPERVISION OF FUSE SCREEN 7 SICHERUNGS- UEBERWACHUNG SIEB 7	SUPERVISION OF FUSE VIBRATING FEEDER 8 SICHERUNGS- UEBERWACHUNG AUFGABERINNE 8	SPARE RESERVE	OPERATION BETRIEB	CONVEYOR BELT TRANSPORT	SPARE (FLOW GUARD) RESERVE (STROEMUNGSWAECHTER)
---	--	--	--	------------------	----------------------	----------------------------	--

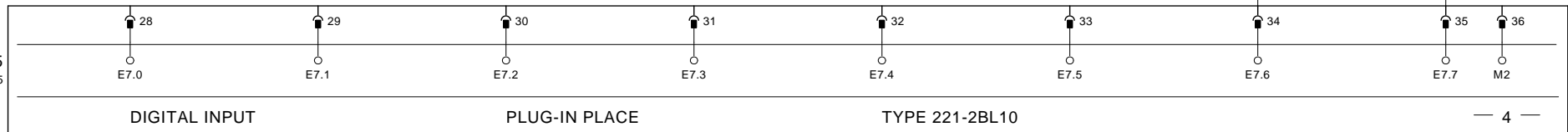
DATE	04.Dez.2015	KLEEMANN GMBH		 	DIGITALE AUSGAENGE A 6.0 - A 6.7/ DIGITAL OUTPUTS A 6.0 - A 6.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	30
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			PG.	41	

30.8/L24VN L24VN/36.0

-XOUT 7 -GK26 11
38.4 12 14

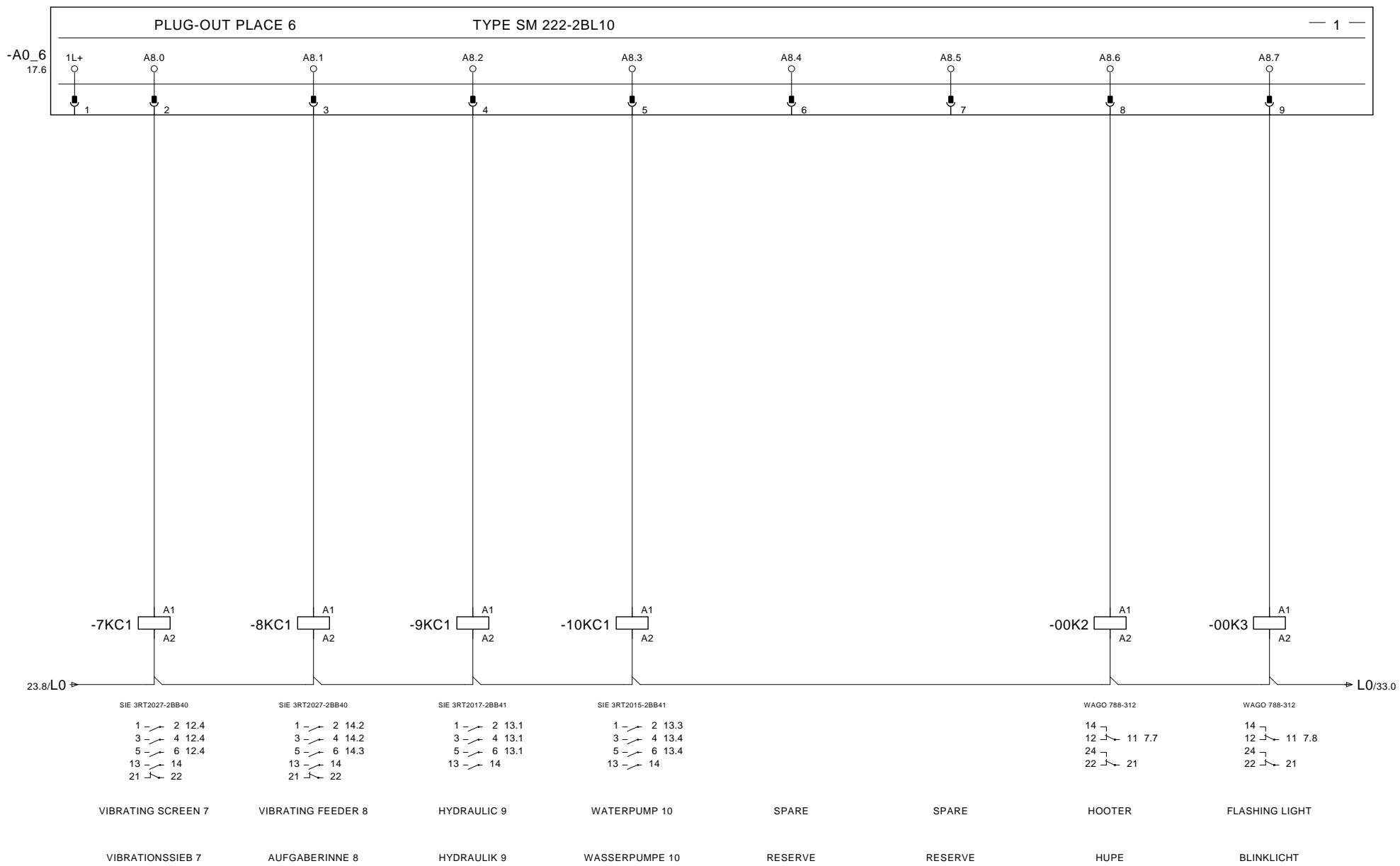
-XOUT 8

-A0_5
17.5

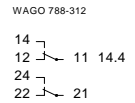
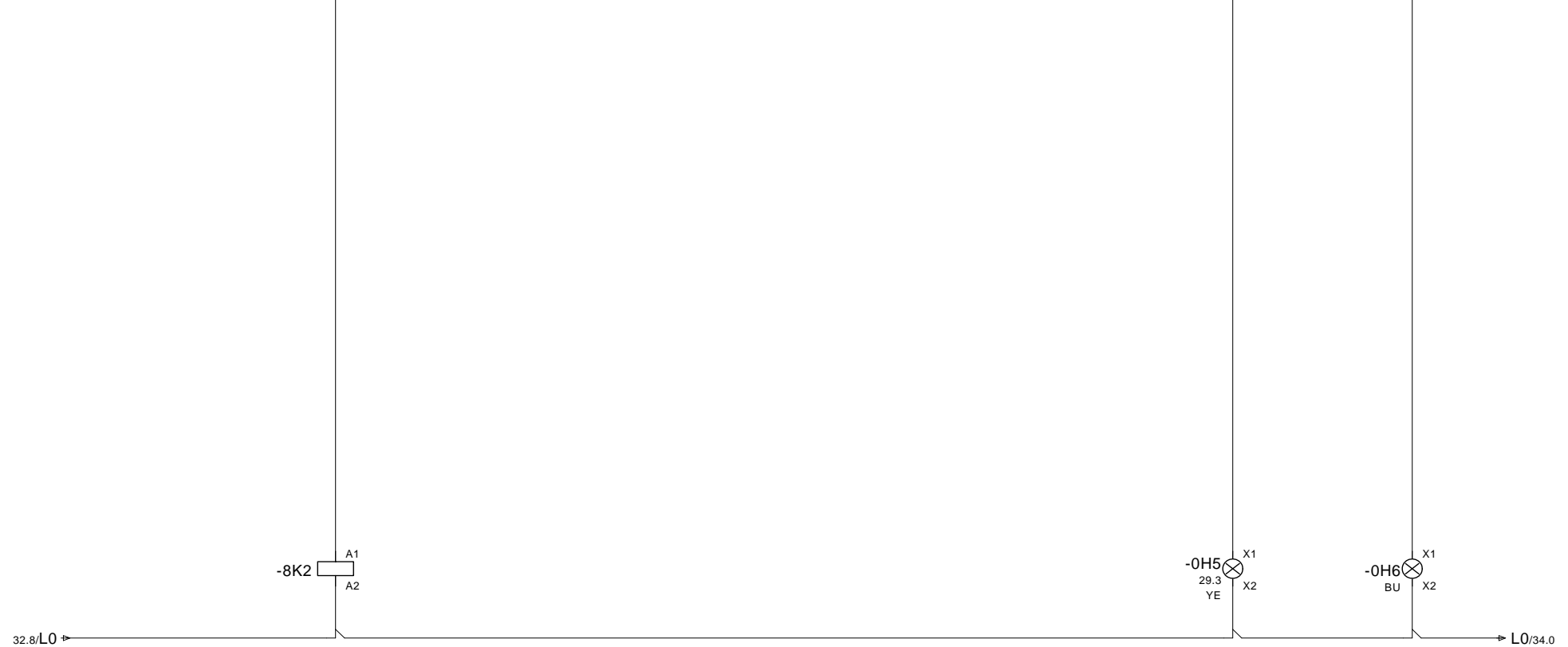
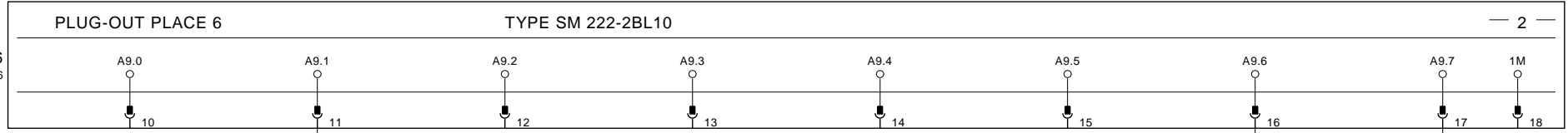


SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	OVERLOAD REMOVAL	PREWARNING OIL TEMPERATUR
RESERVE	RESERVE	RESERVE	RESERVE	RESERVE	RESERVE	UEBERLAST ABFOERDERUNG	VORWARNUNG OELTEMPERATUR

			DATE	04.Dez.2015	KLEEMANN GMBH	 	DIGITALE AUSGAENGE A 7.0 - A 7.7/ DIGITAL OUTPUTS A 7.0 - A 7.7	KLEEMANN SERIES	K007	= 100	+	
			EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	31
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN		REP.F.	REP.T.			PG.	41

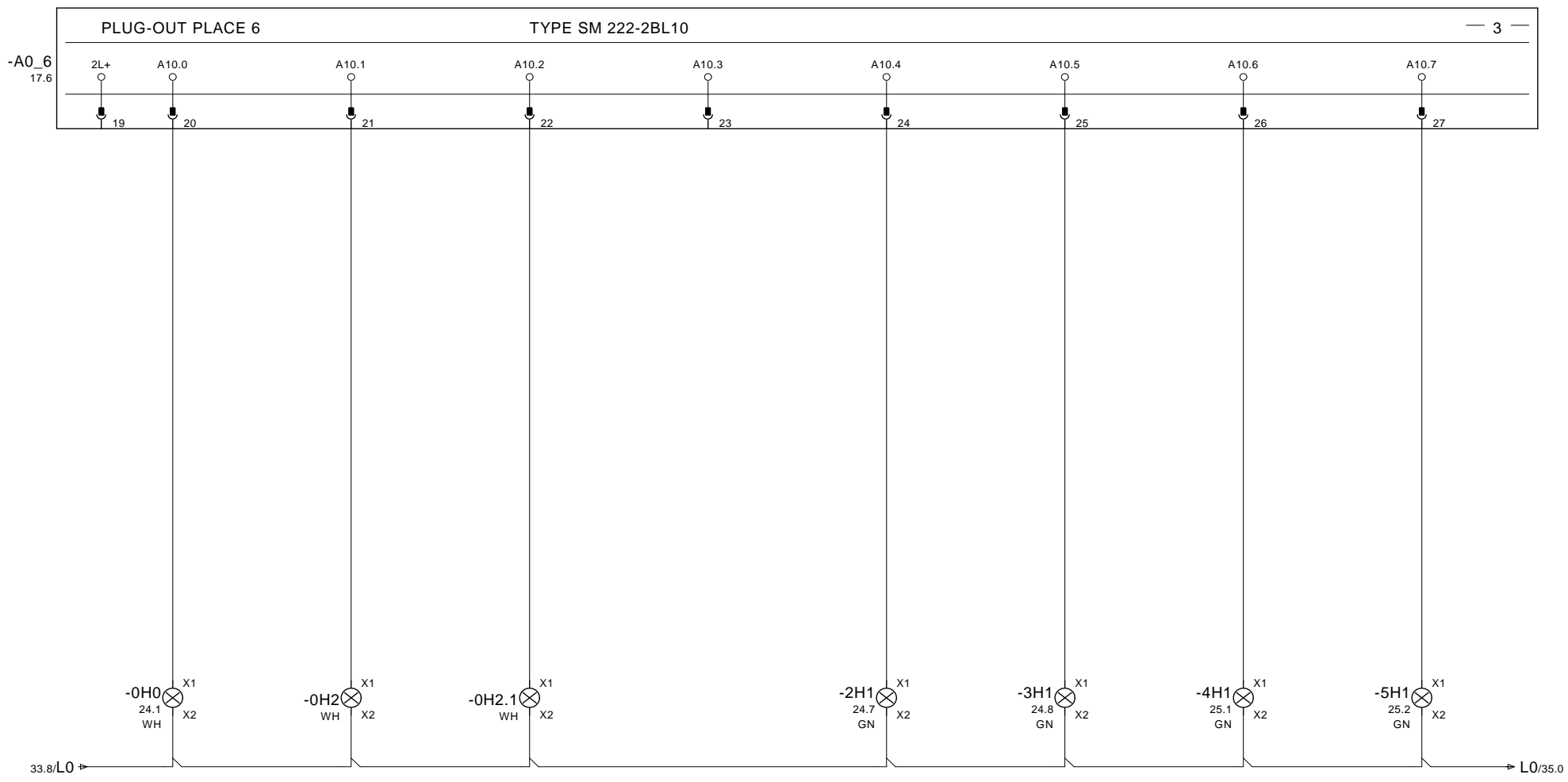


DATE	04.Dez.2015	KLEEMANN GMBH		DIGITALE EINGAENGE E 8.0 - E 8.7/ DIGITAL INPUTS E 8.0 - E 8.7	KLEEMANN SERIES	K007	= 100	+		
EDITED	JBR				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.	32
CONTR.	D. MALLKOWSKY						MOBICAT MC 120 Z US	REP.T.	PG.	41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			



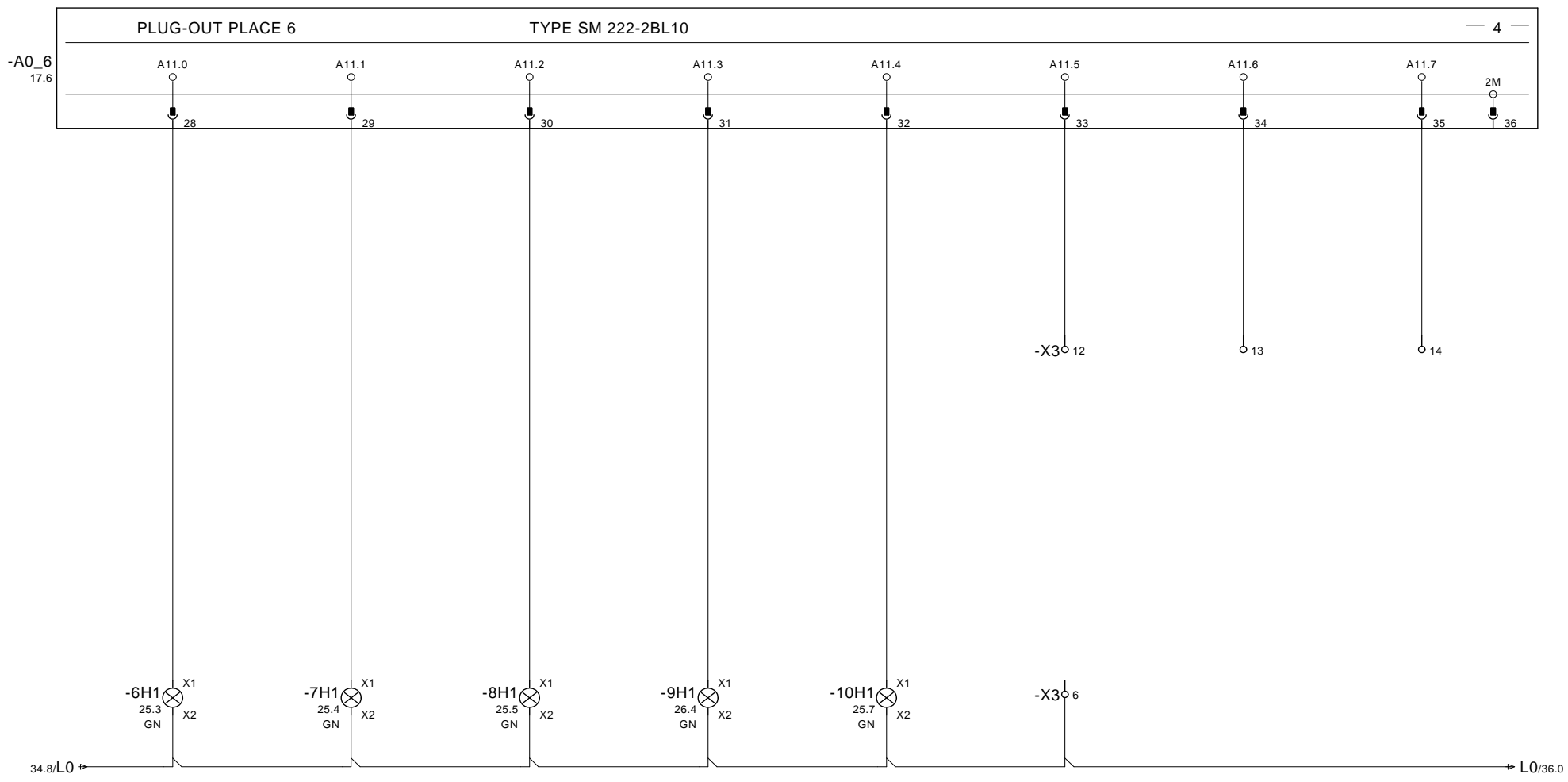
SPARE	START (RELEASING) FREQU. CONV. VIBRATING FEEDER 8	SPARE	SPARE	SPARE	SPARE	COUPLING ENGAGED	START-UP RELEASE
RESERVE	START (FREIGABE) FU AUFGABERINNE 8	RESERVE	RESERVE	RESERVE	RESERVE	KUPPLUNG EINGERUECKT	ANLAUFFREIGABE

DATE	04.Dez.2015	KLEEMANN GMBH			DIGITALE EINGAENGE E 9.0 - E 9.7/ DIGITAL INPUTS E 9.0 - E 9.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41

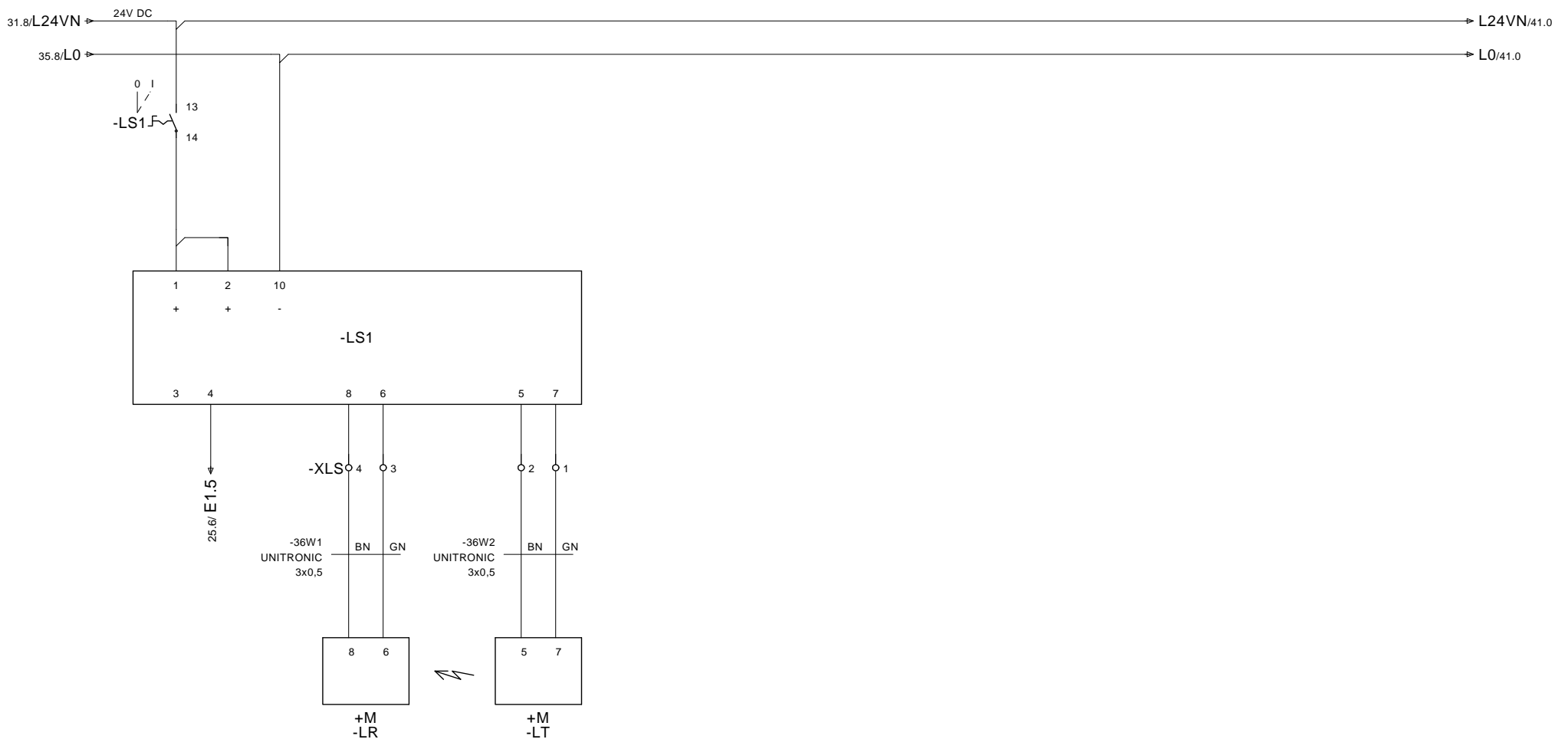


INSTALLATION ON	OPERATION	REPAIR	SPARE	CONVEYOR BELT 2 ON/OFF	MAGNETIC BELT 3 ON/OFF	CONVEYOR BELT 4 ON/OFF	VIBRATING CHUTE/ CRUSHER 5 ON/OFF
ANLAGE EIN	BETRIEB	REPARATUR	RESERVE	FOERDERBAND 2 EIN/AUS	MAGNETBAND 3 EIN/AUS	FOERDERBAND 4 EIN/AUS	FOERDERRINNE 5 EIN/AUS

		DATE	04.Dez.2015		KLEEMANN GMBH		 	DIGITALE AUSGAENGE		KLEEMANN SERIES		K007		= 100		+	
		EDITED	JBR		MOBICAT MC 120 Z US			A 10.0 - A 10.7/ DIGITAL OUTPUTS A 10.0 - A 10.7		KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 34	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.									PG. 41	

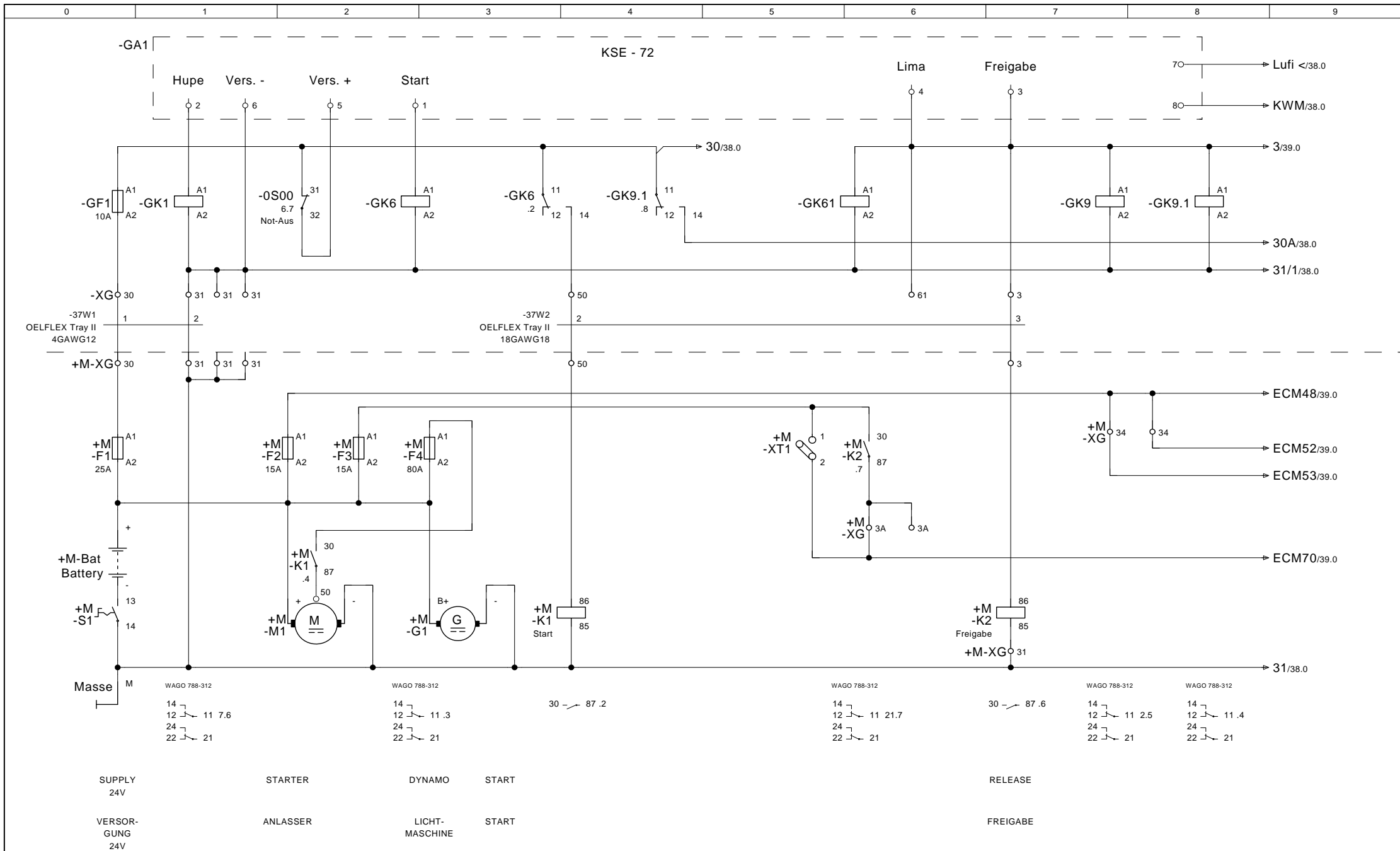


MAGNETIC BELT 6 ON/OFF	CONVEYOR BELT 7 ON/OFF	VIBRATING FEEDER 8 ON/OFF	CONVEYOR BELT 9 ON/OFF	VIBRATING FEEDER 10 ON/OFF	SPARE	SPARE	SPARE
MAGNETBAND 6 EIN/AUS	FOERDERBAND 7 EIN/AUS	AUFGABERINNE 8 EIN/AUS	FOERDERBAND 9 EIN/AUS	AUFGABERINNE 10 EIN/AUS	RESERVE	RESERVE	RESERVE

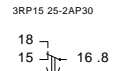
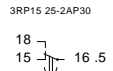
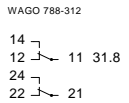
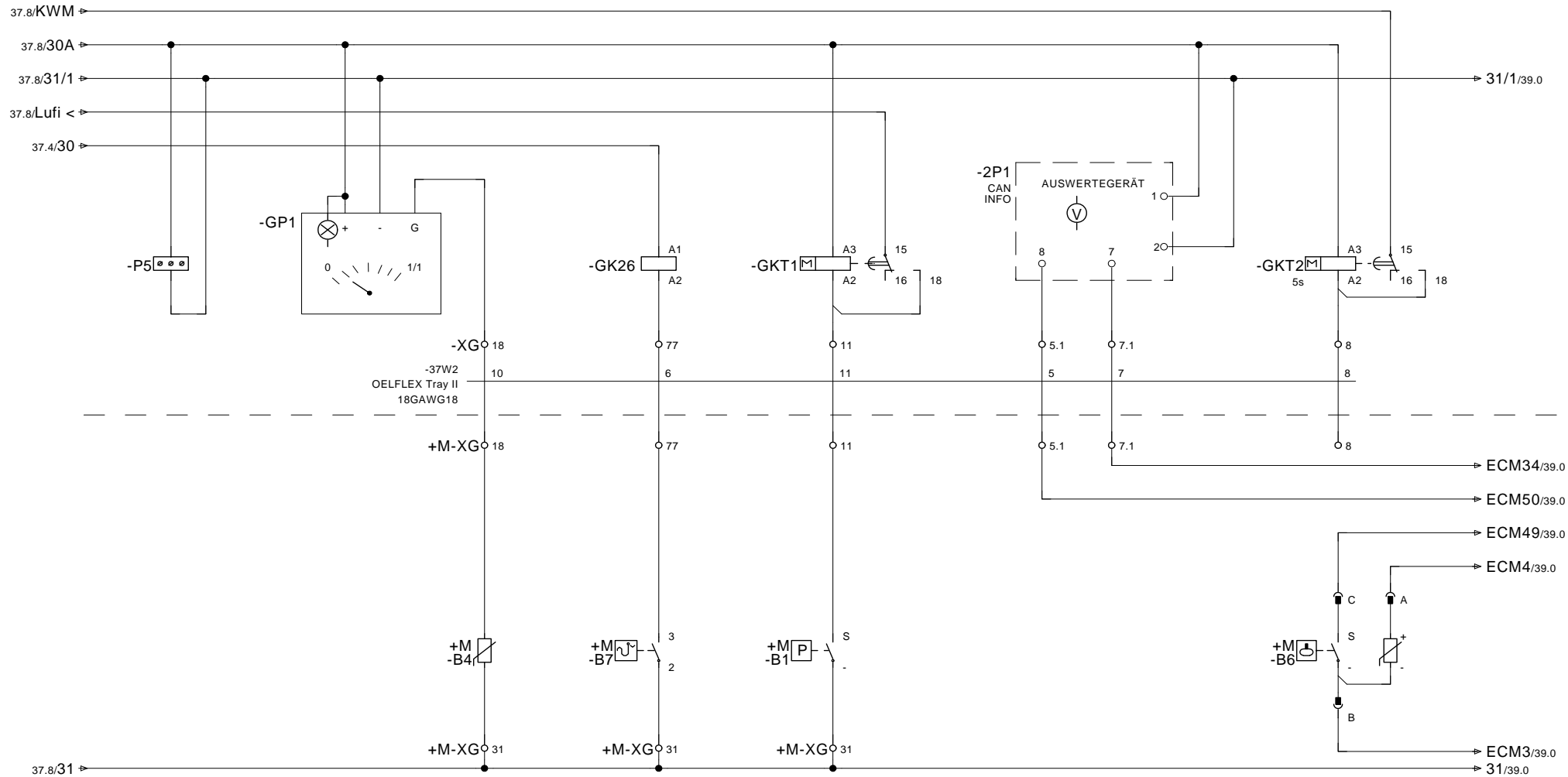


LIGHT BARRIER CRUSHER
 LICHTSCHRANKE BRECHER

		DATE	04.Dez.2015		KLEEMANN GMBH			 	LICHTSCHRANKE BRECHER/ LIGHT BARRIER CRUSHER		KLEEMANN SERIES	K007		= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570		CAE-SYSTEM:	EPLAN 5.70		PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG.	41	

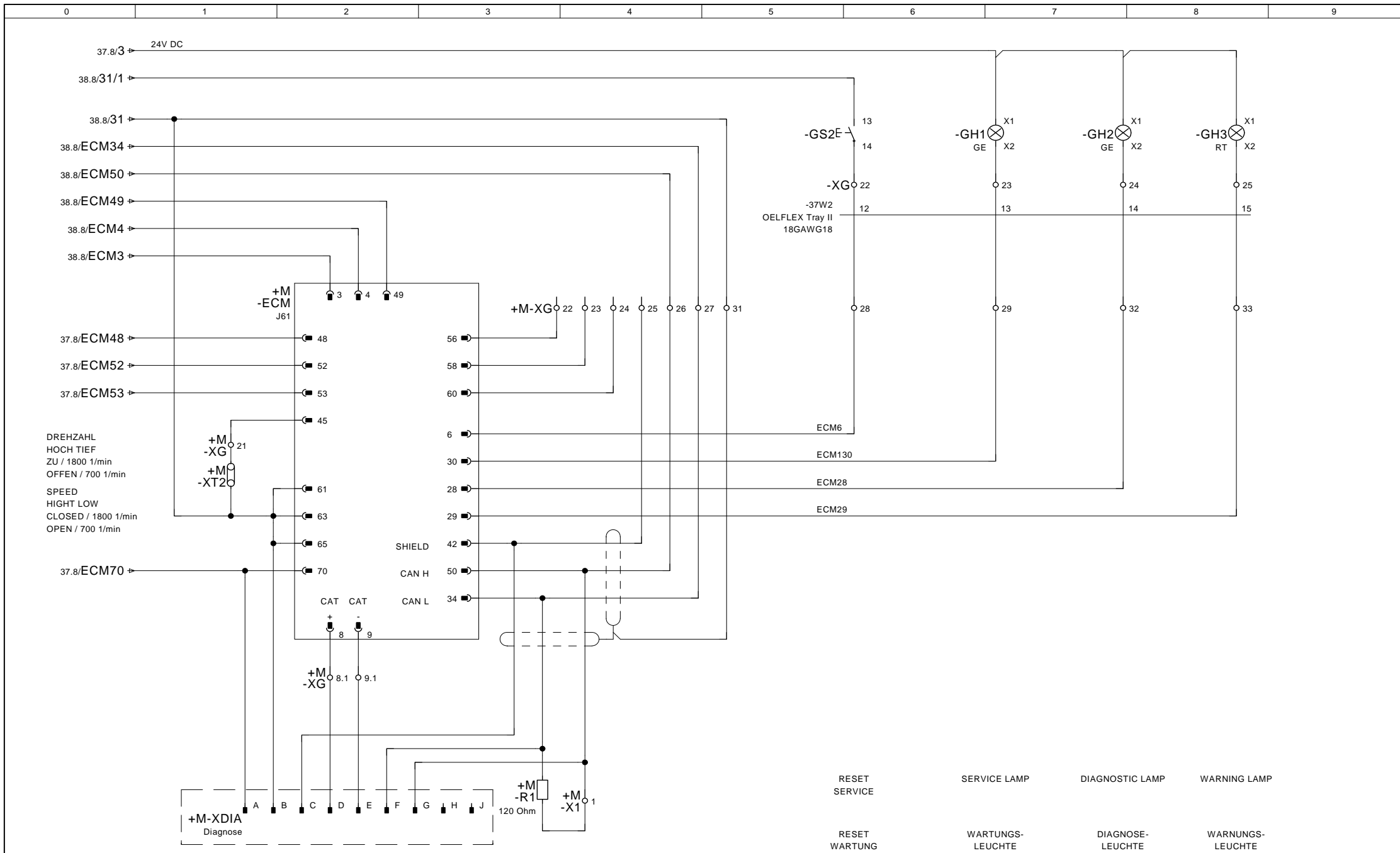


		DATE	04.Dez.2015		KLEEMANN GMBH			MOTORUEBERWACHUNG/ MOTOR CONTROLLING		KLEEMANN SERIES	K007		= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US			WIRTGEN GROUP		KLEEMANN MATERIAL NO	2268570		CAE-SYSTEM: EPLAN 5.70	PG. 37
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41	



OPERATING HOUR METER	FUEL LEVEL	FUEL LEVEL	TEMPERATURE INDICATION 2: 100°C	AIR FILTER PLUGGES	OIL TEMPERATURE PRESSURE	COOLING WATER LOW LEWEL
BETRIEBSSTUNDENZAehler	TANKINHALT	TANKINHALT	TEMPERATUR-ANZEIGE 2: 100°C	LUFTFILTER VERSCHMUTZT	OELDRUCK TEMPERATUR	KUEHLWASSER-MANGEL

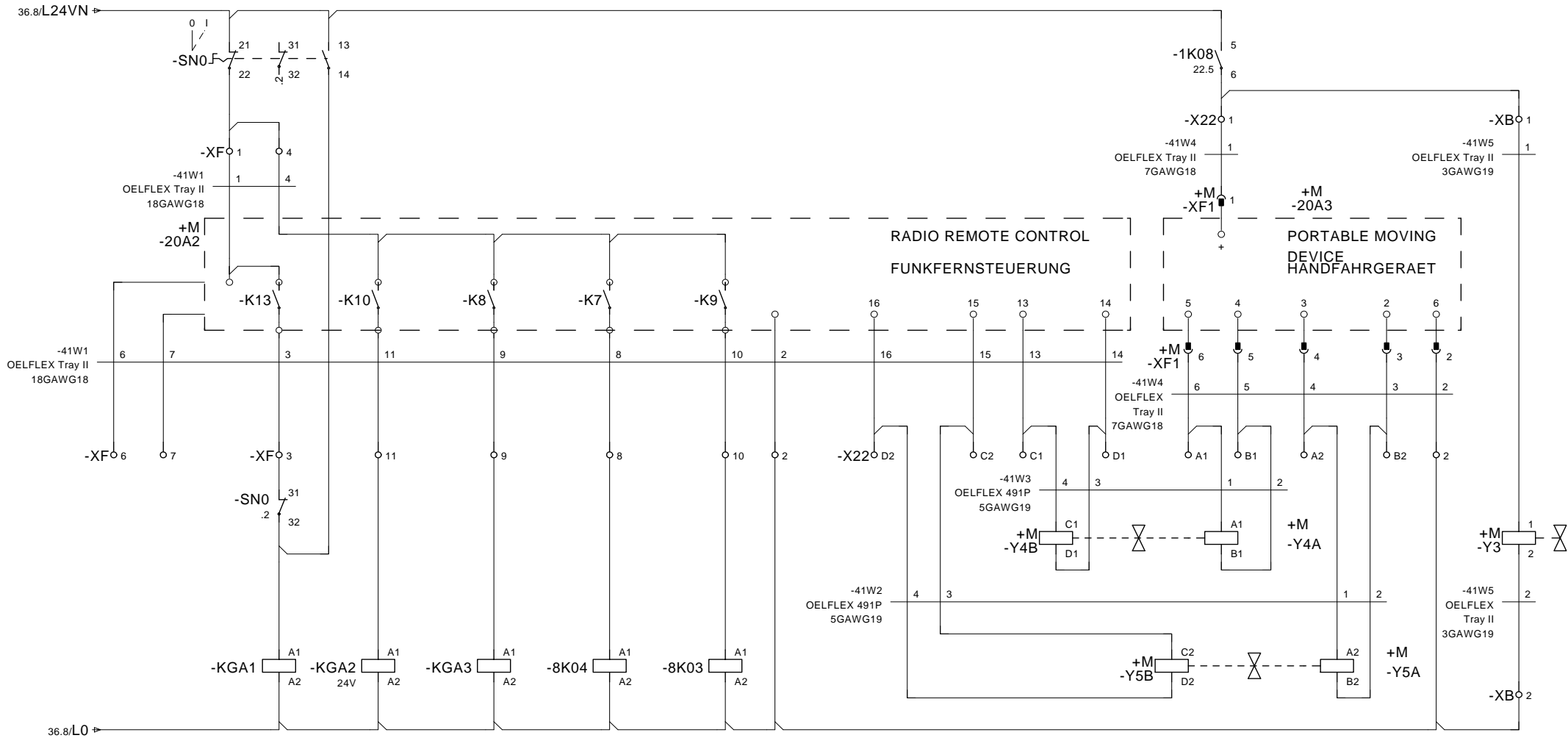
DATE	04.Dez.2015	KLEEMANN GMBH			BETRIEBSINSTRUMENTE/ OPERATIONAL INSTRUMENTS	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 38
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 41	



DATE		04.Dez.2015		KLEEMANN GMBH		  BETRIEBSINSTRUMENTE/ OPERATIONAL INSTRUMENTS		KLEEMANN SERIES		K007		= 100		+	
EDITED		JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 39	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.				PG. 41			

0	1	2	3	4	5	6	7	8	9
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			DATE	04.Dez.2015	KLEEMANN GMBH			 	RESERVE/ SPARE	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 40
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41



SIE 3RH2122-2BB40	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 24 → 21	14 → 11 26.6 24 → 21	14 → 11 26.7 24 → 21	14 → 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
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=KLE/1

		DATE	04.Dez.2015	KLEEMANN GMBH			FUNKFERNSTEUERUNG/ RADIO REMOTE CONTROL		KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	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	0	0	14	=KLE/13
-X5	KLEMMLEISTE -X5/ TERMINAL STRIP -X5	1	12	0	0	12	=KLE/14
-X6	KLEMMLEISTE -X6/ TERMINAL STRIP -X6	1	4	0	0	4	=KLE/16
-X8	KLEMMENLEISTE -X8/ TERMINAL STRIP -X8	PE	6	2	0	8	=KLE/17
-X00	KLEMMENLEISTE -X00/TERMINAL STRIP -X00	1	N115	0	2	34	=KLE/18
-X22	KLEMMLEISTE -X22/ TERMINAL STRIP -X22	1	D2	0	0	10	=KLE/20
-XB	KLEMMENLEISTE -XB/ TERMINAL STRIP -XB	1	2	0	0	2	=KLE/21
-XF	KLEMMLEISTE -XF/ TERMINAL STRIP -XF	1	11	0	0	10	=KLE/22
-XG	KLEMMENLEISTE -XG/ TERMINAL STRIP -XG	3	77	0	0	17	=KLE/23
-XK	KLEMMENLEISTE -XK/ TERMINAL STRIP -XK	1	2	0	0	4	=KLE/24
-XLS	KLEMMLEISTE -XLS TERMINAL STRIP -XLS	1	4	0	0	4	=KLE/25
-XNG	KLEMMENLEISTE -XNG/ TERMINAL STRIP -XNG	1	2	0	0	2	=KLE/26
-XT	KLEMMLEISTE -XT/ TERMINAL STRIP -XT	1	5	0	0	5	=KLE/28
-0X0	KLEMMLEISTE -0X0/ TERMINAL STRIP -0X0	PE	2	1	0	3	=KLE/29
-0X06	KLEMMLEISTE -0X06/TERMINAL STRIP -0X06	PE	2	1	0	3	=KLE/30
-0X07	KLEMMENLEISTE -0X07/ TERMINAL STRIP -0X07	PE	2	1	0	3	=KLE/31
+M-XG	KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG	3	77	0	0	34	=KLE/36

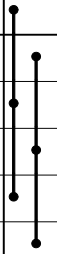
TERMINAL- /PLUG STRIP OVERVIEW

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/27
-3X2	STECKER -3X2/ PLUG -3X2	1	PE	0	0	5	=KLE/32
-4X1	STECKER -4X1/ PLUG -4X1	1	PE	1	0	8	=KLE/33
-4X2	STECKER -4X2/ PLUG -4X2	1	PE	0	0	5	=KLE/34
+M-XF1	STECKER +M-XF1 PLUG +M-XF1	1	6	0	0	6	=KLE/35
+M-XS2	STECKER +M-XS2/ PLUG +M-XS2	1	4	0	0	4	=KLE/38
+M-XS5	STECKER +M-XS5/ PLUG +M-XS5	1	4	0	0	4	=KLE/39
+M-6X1	STECKER +M-6X1/ PLUG +M-6X1	1	PE	1	0	4	=KLE/40

			DATE	04.Dez.2015	KLEEMANN GMBH			 	KLEMMENLEISTEN-/ STECKERUEBERSICHT	KLEEMANN SERIES	K007	= KLE	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	40	

0	1	2	3	4	5	6	7	8	9													
FUNCTION TEXT	CABLE DESIGNATION/TYPE	-06W7 OELFLEX 540P	5G1	-06W7 OELFLEX 540P	5G1	-06W6 OELFLEX 540P	5G1	-06W6 OELFLEX 540P	5G1	-06W5 OELFLEX 540P	5G1	-06W4 OELFLEX 540P	5G1	-06W3 OELFLEX 540P	5G1	-06W2 OELFLEX 540P	5G1	-06W1 OELFLEX 540P	5G1	TERMINAL STRIP/PLUG -X0	CABLE DESIGNATION/TYPE	PAGE/ PATH
		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE INTERNAL WIRING	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION													
E-STOP PUSH-BUTTON								=100+M-0S01	21													=100/6.0
=								=100+M-0S01	11													=100/6.1
=								=100+M-0S01	22													=100/6.0
=								+M-XS2	1													=100/6.1
=								=100+M-0S01	12													=100/6.1
=								+M-XS2	3													=100/6.0
=								=100+M-0S03	21													=100/6.0
=								+M-XS2	2													=100/6.1
=								=100+M-0S03	11													=100/6.0
=								+M-XS2	4													=100/6.0
=								=100+M-0S03	22													=100/6.1
=								=100+M-0S04	21													=100/6.1
=								=100+M-0S03	12													=100/6.1
=								=100+M-0S04	11													=100/6.2
=								+M-XS5	2													=100/6.2
=								=100+M-0S04	22													=100/6.2
=								+M-XS5	4													=100/6.2
=								=100+M-0S04	12													=100/6.2
=								+M-XS5	1													=100/6.2
=								=100+M-0S06	21													=100/6.2
=								+M-XS5	3													=100/6.2
=								=100+M-0S06	11													=100/6.3
=								=100+M-0S06	22													=100/6.4
=								=100+M-0S07	21													=100/6.4
=								=100+M-0S06	12													=100/6.4
=								=100+M-0S07	11													=100/6.4
=								=100+M-0S07	22													=100/6.4
=								=100+M-0S07	12													=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	-12W1 OEFLEX Tray II 4G	-11W5 OEFLEX Tray II 4G	-11W3 OEFLEX Tray II 4G	-10W2 OEFLEX Tray II 5G	-12W3 OEFLEX Tray II 4G	-10W1 OEFLEX Tray II 4G	TERMINAL STRIP/PLUG -X1	CABLE DESIGNATION/TYPE	PAGE/ PATH					
								DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION	CONNECTION		
											INTERNAL WIRING	PLC DESIGNATION			
MAGNETIC BELT 2							PE	=100+M-2M1	PE	PE			=100-PE		=100/10.2
=							1	=100+M-2M1	U	1			=100-2KC1	2	=100/10.1
=							2	=100+M-2M1	V	2			=100-2KC1	4	=100/10.1
=							3	=100+M-2M1	W	3			=100-2KC1	6	=100/10.1
MAGNET					PE			=100+M-2Y1	PE	PE			=100-PE		=100/10.5
=					1			=100+M-2Y1	L1	4			=100-2KC3	2	=100/10.4
=					2			=100+M-2Y1	L2	5			=100-2KC3	4	=100/10.4
=					3			=100+M-2Y1	L3	6			=100-2KC3	6	=100/10.4
=					4			=100+M-2Y1	N	7			=100-0X1	N	=100/10.4
VIBRATING CHUTE/CRUSHER 5				PE				=100+M-5M1	PE	PE			=100-PE		=100/11.4
=				1				=100+M-5M1	U	8			=100-5KC1	2	=100/11.4
=				2				=100+M-5M1	V	9			=100-5KC1	4	=100/11.4
=				3				=100+M-5M1	W	10			=100-5KC1	6	=100/11.4
=			PE					=100+M-5M2	PE	PE			=100-PE		=100/11.7
=			1					=100+M-5M2	U	11			=100-5KC2	2	=100/11.7
=			2					=100+M-5M2	V	12			=100-5KC2	4	=100/11.7
=			3					=100+M-5M2	W	13			=100-5KC2	6	=100/11.7
CONVEYOR BELT 6		PE						+M-6X1	PE	PE			=100-PE		=100/12.2
=		1				PE		+M-6X1	PE	1			=100-6KC1	2	=100/12.1
=		2				1		+M-6X1	PE	1			=100-6KC1	4	=100/12.1
=						2		+M-6X1	PE	2			=100-6KC1	4	=100/12.1
								+M-6X2	PE	2					

DATE		04.Dez.2015		KLEEMANN GMBH		 		KLEMMLEISTE -X1/ TERMINAL STRIP -X1		KLEEMANN SERIES K007		= KLE		+	
EDITED		JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 11	
CONTR.		D. MALLKOWSKY												PG. 40	
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		-13W3 OEFLEX Tray II 4G		-13W2 OEFLEX Tray II 3G		-13W1 OEFLEX Tray II 4G		-12W4 OEFLEX Tray II 4G		-12W3 OEFLEX Tray II 4G		-12W1 OEFLEX Tray II 4G		TERMINAL STRIP/PLUG -X1					
									DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION			CABLE DESIGNATION/TYPE	PAGE/PATH
CONVEYOR BELT 6									+M-6X1	3	16				=100-6KC1	6				=100/12.1
VIBRATING SCREEN 7								PE	=100+M-6X2 =100+M-7M1	3 PE	16				=100-PE					=100/12.4
=								1	=100+M-7M1	U1	17				=100-7KC1	2				=100/12.4
=								2	=100+M-7M1	V1	18				=100-7KC1	4				=100/12.4
=								3	=100+M-7M1	W1	19				=100-7KC1	6				=100/12.4
HYDRAULIC 9							PE		=100+M-9M1	PE	20				=100-PE					=100/13.2
=							1		=100+M-9M1	U	20				=100-9KC1	2				=100/13.1
=							2		=100+M-9M1	V	21				=100-9KC1	4				=100/13.1
=							3		=100+M-9M1	W	22				=100-9KC1	6				=100/13.1
WATERPUMP 10							PE		=100+M-WP	PE	23				=100-PE					=100/13.4
=							1		=100+M-WP	L1	23				=100-10KC1	2				=100/13.3
=							2		=100+M-WP	N	24									=100/13.4
EXCESS PRESSURE FAN 1							PE		=100+M-13M1	PE	25				=100-PE					=100/13.6
=							1		=100+M-13M1	U	25				=100-13Q1	2				=100/13.6
=							2		=100+M-13M1	V	26				=100-13Q1	4				=100/13.6
=							3		=100+M-13M1	W	27				=100-13Q1	6				=100/13.6
CRUSHER 1									=100+M-1M1	PE	28				=100-PE					=100/8.4

DATE		04.Dez.2015		KLEEMANN GMBH				KLEEMANN		SERIES		K007		= KLE		+	
EDITED		JBR		MOBICAT MC 120 Z US				KLEMMLEISTE -X1/ TERMINAL STRIP -X1		KLEEMANN		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 12	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.		MATERIAL NO		2268570		PG. 40			

0	1	2	3	4	5	6	7	8	9									
FUNCTION TEXT	CABLE DESIGNATION/TYP									TERMINAL STRIP/PLUG -X3							CABLE DESIGNATION/TYP	PAGE/ PATH
					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE INTERNAL WIRING	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION						
E-STOP PUSH-BUTTON					-4X2	2		1										=100/6.5
=					=100-KGA1	13		2										=100/6.5
=					-4X2	4		3										=100/6.6
=					=100-KGA1	43		4										=100/6.6
SPARE								5			=100-S5.2	13						=100/29.4
=											=100-8S	13						
=								6			=100-10H1	X2						=100/35.6
=											=100-LS1	10						
=								7		E5.3	-A0_5	13						=100/29.4
=								8		E5.4	-A0_5	14						=100/29.5
=								9		E5.5	-A0_5	15						=100/29.6
VIBRATING FEEDER 8 +								10		E5.6	-A0_5	16						=100/29.7
											=100-8S	14						
VIBRATING FEEDER 8 -								11		E5.7	-A0_5	17						=100/29.8
											=100-8S	24						
SPARE								12		A11.5	-A0_6	33						=100/35.6
=								13		A11.6	-A0_6	34						=100/35.7
=								14		A11.7	-A0_6	35						=100/35.8

0	1	2	3	4	5	6	7	8	9																		
FUNCTION TEXT	CABLE DESIGNATION/TYPE	-14W2 OELEFLEX Tray II	3G1.5	-12W5 OELEFLEX Tray II	3G	-11W6 OELEFLEX Tray II	3G	-11W4 OELEFLEX Tray II	3G	-08W8 OELEFLEX Tray II	3G	TERMINAL STRIP/PLUG -X5					CABLE DESIGNATION/TYPE	PAGE/ PATH									
												DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE INTERNAL WIRING	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION								
MOTOR PROTECTION RELAY										1		=100+M-1R1			1			=100-1K0	T1							=100/8.6	
=										2		=100+M-1R1			2			=100-1K0	T2							=100/8.6	
VIBRATING CHUTE/CRUSHER 5								1				=100+M-5M1			3			=100-5K0	T1							=100/11.5	
=								2				=100+M-5M1			4			=100-5K0	T2							=100/11.5	
=						1						=100+M-5M2			5			=100-5K0.1	T1							=100/11.8	
=						2						=100+M-5M2			6			=100-5K0.1	T2							=100/11.8	
VIBRATING SCREEN 7				1								=100+M-7M1			7			=100-7K0	T1							=100/12.5	
=				2								=100+M-7M1			8			=100-7K0	T2							=100/12.5	
VIBRATING FEEDER 8 DRIVE LEFT		1										=100+M-8M1			9			=100-8K0	T1							=100/14.2	
=		2										=100+M-8M1			10												=100/14.3

DATE	04.Dez.2015	KLEEMANN GMBH	KLEEMANN SERIES	K007	= KLE	+
EDITED	JBR	MOBICAT MC 120 Z US	KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 14
CONTR.	D. MALLKOWSKY	REP.T.	KLEMMLEISTE -X5/ TERMINAL STRIP -X5			PG. 40
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.



TERMINAL STRIP/PLUG -X5

FUNCTION TEXT	CABLE DESIGNATION/TYP																				CABLE DESIGNATION/TYP	PAGE/ PATH	
VIBRATING FEEDER 8 DRIVE RIGHT																							

FUNCTION TEXT	CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG														CABLE DESIGNATION/TYP	PAGE/ PATH
		-X00															
		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION								
F I X E D	INTERNAL WIRING																
CONTROL VOLTAGE ON		=100+S-XSBT1	7	1	●			=100-0K1	4								=100/7.4
		=100-SC	13	1	●			=100-8K0	A1								=100/17.1
		=100-A0_OP-X1	L+	1	●												=100/17.2
		=100-A0_CPU	1	1	●												=100/17.2
		-A0_2	1	1	●	L+											=100/17.2
		-A0_2	1	1	●	L+											=100/17.3
INSTALLATION ON		-A0_3	1	1	●	L+	-A0_2	2									=100/17.4
		=100-S0.0	13	1	●		=100-GK61	11									=100/24.1
CONVEYOR BELT 4 ON/OFF		=100-4S1	13	1	●		=100-2S2	13									=100/25.1
SUPPLY 24V AFTER EMERGENCY STOP		=100-KN1	A2	2	●		=100-D1	A2									=100/7.1
=		=100-KN2	A2	2	●												=100/7.2
=		=100-TK1		2	●												=100/7.2
CONTROL VOLTAGE ON		=100-0K1	A2	2	●		-XK	2									=100/7.3
		=100-A_FW-X1	0V	2	●		=100-8K0	A2									=100/17.1
		=100-A0_OP-X1	M	2	●												=100/17.2
		=100-A0_CPU	2	2	●												=100/17.2
		-A0_2	18	2	●	M											=100/17.3
		-A0_2	18	2	●	M											=100/17.3
		-A0_3	18	2	●	M											=100/17.4
		-A0_4	18	2	●	M1											=100/17.4
		-A0_4	36	2	●	M2											=100/17.5
		-A0_5	18	2	●	M1											=100/17.5

TERMINAL STRIP/PLUG

-X00

FUNCTION TEXT	CABLE DESIGNATION/TYP									DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION			CABLE DESIGNATION/TYP	PAGE/PATH	
													FIXED	INTERNAL WIRING								
										-A0_5	36	2	●		M2						=100/17.6	
										-A0_6	18	2	●		1M							=100/17.6
										-A0_6	36	2	●		2M							=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										=100-KN2	14	3	●									=100/7.2
=												3	●									=100/7.2
										-A0_6	1	3	●		1L+							=100/17.6
										-A0_6	19	3	●		2L+							=100/17.6
TOTAL FAULT CURRENT PROTECTION										=100-PE	PEN	N	●			=100-0F01	8					=100/2.6
=												N	●			=100-0X1	N					=100/2.6
SOCKET 15A/115V												L115	●			=100-0F1.3	1					=100/5.5
=										=100-1K01	A1	L115	●									=100/5.5
=												N115	●			=100-0T1	V2					=100/5.5
=										=100-1K01	A2	N115	●									=100/5.5

0 1 2 3 4 5 6 7 8 9

FUNCTION TEXT		CABLE DESIGNATION/TYP				TERMINAL STRIP/PLUG							CABLE DESIGNATION/TYP		PAGE/PATH		
						-X22											
																	DESIGNATION OF EXTERNAL DESTINATION
								FIXED	INTERNAL WIRING	PLC DESIGNATION							
EINSPEISUNG 24V DC					-41W2 OEFLEX 491P	5G		1	+M-XF1	1		1		=100-1K08	6		=100/41.7
EINSPEISUNG 0V DC					-41W1 OEFLEX Tray II	18G		2	+M-XF1	2		2		-XB	1		
RUN CHAIN RIGHT (MANUAL)								6	+M-XF1	6		A1					=100/41.9
RUN CHAIN LEFT (MANUAL)								4	+M-XF1	4		A2					=100/41.7
RUN CHAIN RIGHT (MANUAL)					1			5	+M-XF1	5		B1					=100/41.8
RUN CHAIN LEFT (MANUAL)							2	+M-XF1	2			B2					=100/41.7
RUN CHAIN RIGHT (REMOTE)					2			3	+M-XF1	3		B2					=100/41.8
RUN CHAIN LEFT (REMOTE)							13	+M-XF1	13			C1					=100/41.6
RUN CHAIN RIGHT (REMOTE)						4		15	+M-XF1	15		C2					=100/41.6
RUN CHAIN LEFT (REMOTE)					3			14	+M-XF1	14		D1					=100/41.7
RUN CHAIN RIGHT (REMOTE)							3	+M-XF1	3			D1					=100/41.7
RUN CHAIN LEFT (REMOTE)					4			16	+M-XF1	16		D2					=100/41.5
								4	+M-XF1	4		D2					=100/41.5

			DATE	04.Dez.2015	KLEEMANN GMBH		 kleemann	KLEMMLEISTE -X22/ TERMINAL STRIP -X22		KLEEMANN SERIES	K007	= KLE	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	40

TERMINAL STRIP/PLUG
-XB

FUNCTION TEXT	CABLE DESIGNATION/TYP										-41W5 DELFLEX Tray II	3G	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/ PATH
																	INTERNAL WIRING					
BRACKE VALVE													1 =100+M-Y3	1	1				-X22	1		=100/41.9
=													2 =100+M-Y3	2	2				-X22	2		=100/41.9

TERMINAL STRIP/PLUG

-XG

FUNCTION TEXT	CABLE DESIGNATION/TYP							-37W1 OE FLEX Tray II 4G	-37W2 OE FLEX Tray II 18G	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					
RELEASE									3	+M-XG	3	3				=100-GA1	3		=100/37.7
OIL PRESSURE									5	+M-XG	5.1	5.1				=100-2P1	8		=100/38.6
TEMPERATURE									7	+M-XG	7.1	7.1				=100-2P1	7		=100/38.6
COOLING WATER LOW LEVEL									8	+M-XG	8	8				=100-GKT2	A2		=100/38.8
AIR FILTER PLUGGES									11	+M-XG	11	11				=100-GKT1	A2		=100/38.5
FUEL LEVEL									10	+M-XG	18	18				=100-GP1	G		=100/38.3
RESET SERVICE									12	+M-XG	28	22				=100-GS2	14		=100/39.6
SERVICE LAMP									13	+M-XG	29	23				=100-GH1	X2		=100/39.7
DIAGNOSTIC LAMP									14	+M-XG	32	24				=100-GH2	X2		=100/39.7
WARNING LAMP									15	+M-XG	33	25				=100-GH3	X2		=100/39.8
SUPPLY 24V								1		+M-XG	30	30				=100-GF1	A2		=100/37.0
SUPPLY 0V								2		+M-XG	31	31	•			=100-GK1	A2		=100/37.1
=											31	31	•						=100/37.1
=											31	31	•			=100-GA1	6		=100/37.1
START									2	+M-XG	50	50				=100-GK6	A2		=100/37.4
=											61	61				=100-GA1	4		=100/37.6
TEMPERATURE INDICATION 2: 100°C									6	+M-XG	77	77				=100-GK26	A2		=100/38.4

TERMINAL STRIP/PLUG

-XK

CABLE DESIGNATION/TYPE

PAGE/
PATH

CABLE DESIGNATION/TYPE

FUNCTION TEXT

FUNCTION TEXT	CABLE DESIGNATION/TYPE							-07W2 OE FLEX Tray II 3G	-07W1 OE FLEX Tray II 3G	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION						
													INTERNAL WIRING	PLC DESIGNATION								
COUPLING									1	=100+M-Y9	A1	1			=100-1K08	2					=100/7.5	
RUN WARNING								1		=100+M-1H2	A1	1										=100/7.6
COUPLING									2	=100+M-Y9	A2	2			-X00	2						=100/7.5
RUN WARNING								2		=100+M-1H2	A2	2			-X6	2						=100/7.6

0	1	2	3	4	5	6	7	8	9		
CABLE DESIGNATION/TYP				TERMINAL STRIP/PLUG						CABLE DESIGNATION/TYP	PAGE/ PATH
				-XOUT							
				DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION		
			FIXED	INTERNAL WIRING	PLC DESIGNATION						
E-STOP SWITCHGEAR				=100-D1	13						=100/6.1.5
=				=100-D1	14						=100/6.1.5
OVERLOAD REMOVAL				-A0_5	27						=100/31.7
=				=100-GK26	11						
				-A0_5	34			E7.6			=100/31.7
LOCKING CONVEYOR BELT 2				=100-8K03	11			E3.0	-XOUT	12	=100/27.1
=				-A0_4	35			E3.0	-XOUT	11	=100/27.1
				-A0_4	28						
E-STOP SWITCHGEAR				-XOUT	14				=100-KGA1	14	=100/6.1.1
=				-XOUT	13				=100-D1	S12	=100/6.1.1
				-XOUT	16				=100-KGA1	44	=100/6.1.1
=				-XOUT	15				=100-D1	S52	=100/6.1.1

		DATE	04.Dez.2015		KLEEMANN GMBH		stecker -XOUT/ plug -XOUT	KLEEMANN SERIES K007	= KLE +	
		EDITED	JBR		MOBICAT MC 120 Z US		KLEEMANN MATERIAL NO 2268570	CAE-SYSTEM: EPLAN 5.70	PG. 27 PG. 40	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			

TERMINAL STRIP/PLUG

-XT

FUNCTION TEXT	CABLE DESIGNATION/TYP								DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION			CABLE DESIGNATION/TYP	PAGE/PATH
TOTAL FAULT CURRENT PROTECTION								=100-0SS	13	1						=100-TS1	13			=100/2.7	
=								=100-TS1	14	2						=100-TS2	13			=100/2.7	
=								=100-TS2	14	3						=100-TS3	13			=100/2.7	
=								=100-TS3	14	4						=100-TS4	13			=100/2.7	
=								=100-TS4	14	5						=100-0SS	14			=100/2.7	

				DATE	04.Dez.2015	KLEEMANN GMBH			 Kleemann	KLEMMLEISTE -XT/ TERMINAL STRIP -XT	KLEEMANN SERIES		K007	= KLE		+	
				EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM:	EPLAN 5.70	PG. 28
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								PG. 40		

0	1	2	3	4	5	6	7	8	9						
FUNCTION TEXT				CABLE DESIGNATION/TYPE				TERMINAL STRIP/PLUG -0X0			CABLE DESIGNATION/TYPE		PAGE/ PATH		
								NO.	FIXED	BRIDGE		CONNECTION			
										INTERNAL WIRING	PLC DESIGNATION				
DESIGNATION OF EXTERNAL DESTINATION	CONNECTION		DESIGNATION OF INTERNAL DESTINATION	CONNECTION											
BELT WEIGHER															

FUNCTION TEXT	CABLE DESIGNATION/TYPE							DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION			CABLE DESIGNATION/TYPE	PAGE/PATH											
ILLUMINATION 1																														
																				-03W1 OEFLEX Tray II	5G	TERMINAL STRIP/PLUG -0X06	BRIDGE	PE			=100-PE			=100/3.2
																								1 =100+M-E1	X1	1			=100-KX	14
2 =100+M-E1	X2	2			=100-0T4 -0X07	DC- 2			=100/3.1																					

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

FUNCTION TEXT	CABLE DESIGNATION/TYP							TERMINAL STRIP/PLUG						CABLE DESIGNATION/TYP	PAGE/ PATH									
								DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION			DESIGNATION OF INTERNAL DESTINATION	CONNECTION							
											F I X E D	I N T E R N A L W I R I N G												
							-11W2	OE FLEX Tray II	3G															
							-11W1	OE FLEX Tray II	4G															
CONVEYOR BELT 4										1	=100+M-4M1	U				2	=100-4KC1				=100/11.1			
=										2	=100+M-4M1	V										=100/11.1		
=										3	=100+M-4M1	W										=100/11.1		
										4														
=							1				=100+M-4M1												=100/11.2	
=							2				=100+M-4M1												=100/11.2	
												PE												
=											PE	=100+M-4M1	PE											=100/11.2

FUNCTION TEXT	CABLE DESIGNATION/TYPE	TERMINAL STRIP/PLUG +M-XF1												7G	CABLE DESIGNATION/TYPE	PAGE/ PATH
		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	-41W4	OELFLEX Tray II					
EINSPEISUNG 24V DC		=100-20A3	+	1				-X22	1	1				=100/41.7		
EINSPEISUNG 0V DC		=100-20A3	6	2				-X22	2	2				=100/41.9		
RUN CHAIN LEFT (MANUAL)		=100-20A3	2	3				-X22	B2	3				=100/41.8		
=		=100-20A3	3	4				-X22	A2	4				=100/41.8		
RUN CHAIN RIGHT (MANUAL)		=100-20A3	4	5				-X22	B1	5				=100/41.7		
=		=100-20A3	5	6				-X22	A1	6				=100/41.7		

DATE	04.Dez.2015	KLEEMANN GMBH	WIRTGEN GROUP	STECKER +M-XF1	KLEEMANN SERIES	K007	= KLE	+
EDITED	JBR	MOBICAT MC 120 Z US		PLUG +M-XF1	KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 35
CONTR.	D. MALLKOWSKY							PG. 40
STAT.								

FUNCTION TEXT	CABLE DESIGNATION/TYP	4G	18G	TERMINAL STRIP/PLUG							CABLE DESIGNATION/TYP	PAGE/ PATH
				+M-XG								
				DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION		
			F I X E D	INTERNAL WIRING								
RELEASE			3	-XG	3	3			=100-K2	86	=100/37.7	
START				=100-XT1	2	3A	●		=100-K2	87	=100/37.6	
=						3A	●				=100/37.6	
OIL PRESSURE			5	-XG	5.1	5.1	●				=100/38.6	
TEMPERATURE			7	-XG	7.1	7.1	●				=100/38.6	
COOLING WATER LOW LEVEL			8	-XG	8	8	●				=100/38.8	
						8.1			-ECM	8	=100/39.2	
						9.1			-ECM	9	=100/39.2	
AIR FILTER PLUGGES			11	-XG	11	11			=100-B1	S	=100/38.5	
FUEL LEVEL			10	-XG	18	18			=100-B4		=100/38.3	
				=100-XT2		21			-ECM	45	=100/39.1	
						22			-ECM	56	=100/39.3	
						23			-ECM	58	=100/39.4	
						24			-ECM	60	=100/39.4	
						25					=100/39.4	
				-X1	1	26	●				=100/39.4	
				-ECM	34	27	●				=100/39.4	
RESET SERVICE			12	-XG	22	28			-ECM	6	=100/39.6	
SERVICE LAMP			13	-XG	23	29			-ECM	30	=100/39.7	
SUPPLY 24V		1		-XG	30	30			=100-F1	A1	=100/37.0	

DATE 04.Dez.2015		KLEEMANN GMBH		 	KLEEMANN SERIES K007		= KLE		+	
EDITED JBR		MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 36	
CONTR. D. MALLKOWSKY	ORIGIN		REP.F.	REP.T.					PG. 40	

FUNCTION TEXT		CABLE DESIGNATION/TYP											TERMINAL STRIP/PLUG +M-XG					CABLE DESIGNATION/TYP	PAGE/ PATH							
												DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION						
																INTERNAL WIRING										
SUPPLY 0V												-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						=100/37.7
FUEL LEVEL												=100-B4		31	•											=100/38.3
TEMPERATURE INDICATION 2: 100°C												=100-B7	2	31	•											=100/38.4
AIR FILTER PLUGGES												=100-B1	-	31	•				=100-XT2	-2						=100/38.5
												=100-XT2		31	•				Schirm							=100/39.5
DIAGNOSTIC LAMP										14		-XG	24	32	•				-ECM	28						=100/39.7
WARNING LAMP										15		-XG	25	33	•				-ECM	29						=100/39.8
RELEASE												=100-F2	A1	34	•				-ECM	53						=100/37.7
=												-ECM	48	34	•				-ECM	52						=100/37.8
START										2		-XG	50	50	•				=100-K1	86						=100/37.4
TEMPERATURE INDICATION 2: 100°C										6		-XG	77	77	•				=100-B7	3						=100/38.4

FUNCTION TEXT				CABLE DESIGNATION/TYPE	5G1	TERMINAL STRIP/PLUG +M-XS2										5G1	CABLE DESIGNATION/TYPE	PAGE/ PATH
FUNCTION TEXT				CABLE DESIGNATION/TYPE	-06W12 OEFLEX 540P	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	-06W2 OEFLEX 540P	CABLE DESIGNATION/TYPE	PAGE/ PATH		
FUNCTION TEXT				CABLE DESIGNATION/TYPE	-06W12 OEFLEX 540P	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	INTERNAL WIRING	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	-06W2 OEFLEX 540P	CABLE DESIGNATION/TYPE	PAGE/ PATH		
E-STOP PUSH-BUTTON					1	=100-0S02	21	1				-X0	3	1		=100/6.1		
=					2	=100-0S02	22	2				-X0	5	2		=100/6.1		
=					3	=100-0S02	11	3				-X0	4	3		=100/6.1		
=					4	=100-0S02	12	4				-X0	6	4		=100/6.1		

MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN		REP.F.	REP.T.	 KLEEMANN		STECKER +M-XS2/ PLUG +M-XS2		KLEEMANN SERIES K007		= KLE		+
					KLEEMANN GMBH								KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 38
					MOBICAT MC 120 Z US												PG. 40

FUNCTION TEXT		CABLE DESIGNATION/TYPE	5G1	TERMINAL STRIP/PLUG +M-XS5										5G1	CABLE DESIGNATION/TYPE	PAGE/ PATH
					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION			
									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

Cable overview

TPS_PST2 15.04.2003

Cable id	Cable name	Source from	Target to	Cable type	Total Cores	used Cores	Cross section mm ²	Length m	Remark	Graphics Page
-02W7		-XNG	=100-00Q1	OELFLEX Tray II	3G	2	-	-		/10
-03W1				OELFLEX Tray II	5G	4	-	-		/11
		-0X06	=100+M-E1		5G	2	-	-		/11
		-0X07	=100+M-E2		5G	2	-	-		/11
-03W2		-0X0	=100+M-B1	OELFLEX Tray II	3G	3G	-	-		/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-Y9	OELFLEX Tray II	3G	2	-	-		/21
-07W2		-XK	=100+M-1H2	OELFLEX Tray II	3G	2	-	-		/22
-07W3		-X6	=100+M-00H2	OELFLEX Tray II	3G	2	-	-		/23
-07W4		-X6	=100+M-00H3	OELFLEX Tray II	3G	2	-	-		/24
-08W8		-X5	=100+M-1R1	OELFLEX Tray II	3G	2	-	-		/25
-10W1		-X1	=100+M-2M1	OELFLEX Tray II	4G	4G	-	-		/26
-10W2		-X1	=100+M-2Y1	OELFLEX Tray II	5G	5G	-	-		/27
-10W3		=100-3X2	=100+M-3M1	OELFLEX Tray II	4G	4G	-	-		/28
-11W1		-4X1	=100+M-4M1	OELFLEX Tray II	4G	4G	-	-		/29
-11W2		-4X1	=100+M-4M1	OELFLEX Tray II	3G	2	-	-		/30
-11W3		-X1	=100+M-5M1	OELFLEX Tray II	4G	4G	-	-		/31
-11W4		-X5	=100+M-5M1	OELFLEX Tray II	3G	2	-	-		/32
-11W5		-X1	=100+M-5M2	OELFLEX Tray II	4G	4G	-	-		/33
-11W6		-X5	=100+M-5M2	OELFLEX Tray II	3G	2	-	-		/34
-12W1		-X1	+M-6X1	OELFLEX Tray II	4G	4G	-	-		/35
-12W2		+M-6X1	=100+M-6M1	OELFLEX Tray II	4G	4G	-	-		/36
-12W3		-X1	=100+M-6X2	OELFLEX Tray II	4G	4G	-	-		/37
-12W4		-X1	=100+M-7M1	OELFLEX Tray II	4G	4G	-	-		/38
-12W5		-X5	=100+M-7M1	OELFLEX Tray II	3G	2	-	-		/39
-13W1		-X1	=100+M-9M1	OELFLEX Tray II	4G	4G	-	-		/40
-13W2		-X1	=100+M-WP	OELFLEX Tray II	3G	3G	-	-		/41
-13W3		-X1	=100+M-13M1	OELFLEX Tray II	4G	4G	-	-		/42

=KLE/40

2

DATE		04.Dez.2015		KLEEMANN GMBH		 		KABELUEBERSICHT		KLEEMANN SERIES K007		= KAB		+	
EDITED		JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 1		PG. 57	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -02W7						CABLE TYPE OELFLEX Tray II				
REMARK						NO. OF CORES 3G		CROSS SECTION -	CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
TOTAL FAULT CURRENT PROTECTION	=100/2.4	-XNG	1	1	=100-00Q1	1.13	=100/1.2	MAIN POWER SUPPLY 3X400V/PE/50CPS MAIN BACK-UP FUSE 800A		
TOTAL FAULT CURRENT PROTECTION	=100/2.4	-XNG	2	2	=100-00Q1	1.14	=100/1.2	MAIN POWER SUPPLY 3X400V/PE/50CPS MAIN BACK-UP FUSE 800A		
				PE						

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME				-03W1							CABLE TYPE		OELFLEX Tray II			
REMARK				NO. OF CORES			5G		CROSS SECTION		-		CABLE LENGTH		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT								
ILLUMINATION 1	=100/3.1	-0X06	1	1	=100+M-E1	X1	=100/3.1	ILLUMINATION 1								
ILLUMINATION 1	=100/3.1	-0X06	2	2	=100+M-E1	X2	=100/3.1	ILLUMINATION 1								
ILLUMINATION 2	=100/3.3	-0X07	1	3	=100+M-E2	X1	=100/3.3	ILLUMINATION 2								
ILLUMINATION 2	=100/3.3	-0X07	2	4	=100+M-E2	X2	=100/3.3	ILLUMINATION 2								
					PE											

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -03W2	CABLE TYPE OELFLEX Tray II
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REMARK	NO. OF CORES 3G	CROSS SECTION -	CABLE LENGTH -
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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	1	1	=100+M-B1	1	=100/3.5	ILLUMINATION 2
BELT WEIGHER	=100/3.5	-0X0	2	2	=100+M-B1	2	=100/3.5	ILLUMINATION 2
BELT WEIGHER	=100/3.5	-0X0	PE	PE	=100+M-B1	PE	=100/3.5	ILLUMINATION 2

11				DATE 04.Dez.2015	KLEEMANN GMBH		 	-03W2	KLEEMANN SERIES K007	= KAB	+
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.		REP.T.	KLEEMANN MATERIAL NO 2268570	CAE-SYSTEM: EPLAN 5.70	PG. 57

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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						

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -06W2				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	3	1	+M-XS2	1	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.0	-X0	5	2	+M-XS2	2	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	-X0	4	3	+M-XS2	3	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	-X0	6	4	+M-XS2	4	=100/6.1	E-STOP PUSH-BUTTON
				PE				

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 04.Dez.2015		KLEEMANN GMBH				-06W3	KLEEMANN SERIES	K007	= KAB	+	
EDITED JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG.	57

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -06W4	CABLE TYPE OELFLEX 540P
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REMARK	NO. OF CORES 5G	CROSS SECTION 1	CABLE LENGTH -
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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	=100/6.0	-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				

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -06W5					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	=100/6.2	-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		04.Dez.2015		KLEEMANN GMBH		 	-06W5		KLEEMANN SERIES K007		= KAB		+	
EDITED		JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 17	
CONTR.		D. MALLKOWSKY										PG. 57		
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							

0			1			2			3			4			5			6			7			8			9		
INTERCONNECTION DIAGRAM																					TPS_N_20.SKN / 2005-07-25								
CABLE NAME -06W6										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	=100/6.2	-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															

DATE 04.Dez.2015		KLEEMANN GMBH			-06W6		KLEEMANN SERIES K007	= KAB	+
EDITED JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2268570	CAE-SYSTEM: EPLAN 5.70	PG. 18
CONTR. D. MALLKOWSKY									PG. 57
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		

INTERCONNECTION DIAGRAM TPS_N_20.SKN / 2005-07-25

CABLE NAME				-06W7				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		=100/6.3	-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																			

18													20								
DATE		04.Dez.2015		KLEEMANN GMBH							-06W7			KLEEMANN SERIES		K007		= KAB		+	
EDITED		JBR		MOBICAT MC 120 Z US									KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 19		
CONTR.		D. MALLKOWSKY		ORIGIN			REP.F.		REP.T.										PG. 57		
MODIFICAT.		DATE		NAME		NORM		DIN													

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -06W8	CABLE TYPE OELFLEX 540P
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REMARK	NO. OF CORES 5G	CROSS SECTION 1	CABLE LENGTH -
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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	=100/6.5	-4X2	1	1	=100+M-0S08	22	=100/6.5	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.5	-4X2	2	2	=100+M-0S08	21	=100/6.5	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.6	-4X2	3	3	=100+M-0S08	12	=100/6.6	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.6	-4X2	4	4	=100+M-0S08	11	=100/6.6	E-STOP PUSH-BUTTON
				PE				

INTERCONNECTION DIAGRAM

CABLE NAME				-07W1				CABLE TYPE				OELFLEX Tray II															
REMARK				NO. OF CORES				3G				CROSS SECTION				-				CABLE LENGTH				-			
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-Y9		A1		=100/7.5		COUPLING											
COUPLING		=100/7.5		-XK		2		2		=100+M-Y9		A2		=100/7.5		COUPLING											
								PE																			

DATE		04.Dez.2015		KLEEMANN GMBH				KLEEMANN SERIES		K007		= KAB		+	
EDITED		JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 21	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.				PG. 57			

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -07W3					CABLE TYPE OELFLEX Tray II					
REMARK					NO. OF CORES 3G		CROSS SECTION -		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	A1	=100/7.7	HOOTER		
HOOTER	=100/7.7	-X6	2	2	=100+M-00H2	A2	=100/7.7	HOOTER		
				PE						

DATE	04.Dez.2015	KLEEMANN GMBH		 	-07W3	KLEEMANN SERIES	K007	= KAB	+
EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	57

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME	-07W4	CABLE TYPE	OELFLEX Tray II
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REMARK	NO. OF CORES	3G	CROSS SECTION	-	CABLE LENGTH	-
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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
				PE				

DATE	04.Dez.2015	KLEEMANN GMBH	kleemann -07W4	KLEEMANN SERIES	K007	= KAB	+
EDITED	JBR	MOBICAT MC 120 Z US		KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY					PG.	57
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.

INTERCONNECTION DIAGRAM

CABLE NAME -08W8					CABLE TYPE OELFLEX Tray II				
REMARK					NO. OF CORES 3G		CROSS SECTION -	CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
MOTOR PROTECTION RELAY	=100/8.6	-X5	1	1	=100+M-1R1		=100/8.6	MOTOR PROTECTION RELAY	
MOTOR PROTECTION RELAY	=100/8.6	-X5	2	2	=100+M-1R1		=100/8.6	MOTOR PROTECTION RELAY	
				PE					

INTERCONNECTION DIAGRAM TPS_N_20.SKN / 2005-07-25

CABLE NAME -10W1	CABLE TYPE OELFLEX Tray II
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REMARK	NO. OF CORES 4G	CROSS SECTION -	CABLE LENGTH -
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
MAGNETIC BELT 2	=100/10.1	-X1	1	1	=100+M-2M1	U	=100/10.1	MAGNETIC BELT 2
MAGNETIC BELT 2	=100/10.1	-X1	2	2	=100+M-2M1	V	=100/10.1	MAGNETIC BELT 2
MAGNETIC BELT 2	=100/10.1	-X1	3	3	=100+M-2M1	W	=100/10.1	MAGNETIC BELT 2
MAGNETIC BELT 2	=100/10.2	-X1	PE	PE	=100+M-2M1	PE	=100/10.1	MAGNETIC BELT 2

DATE	04.Dez.2015	KLEEMANN GMBH		-10W1	KLEEMANN SERIES K007	= KAB	+	
EDITED	JBR	MOBICAT MC 120 Z US						
CONTR.	D. MALLKOWSKY				KLEEMANN MATERIAL NO 2268570	CAE-SYSTEM: EPLAN 5.70	PG. 26	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	PG. 57

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -10W2					CABLE TYPE OELFLEX Tray II					
REMARK					NO. OF CORES 5G		CROSS SECTION -		CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
MAGNET	=100/10.4	-X1	4	1	=100+M-2Y1	L1	=100/10.4	MAGNETIC BELT 2		
MAGNET	=100/10.4	-X1	5	2	=100+M-2Y1	L2	=100/10.4	MAGNETIC BELT 2		
MAGNET	=100/10.4	-X1	6	3	=100+M-2Y1	L3	=100/10.4	MAGNETIC BELT 2		
MAGNET	=100/10.4	-X1	7	4	=100+M-2Y1	N	=100/10.4	MAGNETIC BELT 2		
MAGNET	=100/10.5	-X1	PE	PE	=100+M-2Y1	PE	=100/10.4	MAGNETIC BELT 2		

INTERCONNECTION DIAGRAM

CABLE NAME -10W3					CABLE TYPE OELFLEX Tray II					
REMARK					NO. OF CORES 4G		CROSS SECTION -		CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
CONVEYOR BELT 3	=100/10.7	=100-3X2	1	1	=100+M-3M1	U	=100/10.7	CONVEYOR BELT 3		
CONVEYOR BELT 3	=100/10.7	=100-3X2	2	2	=100+M-3M1	V	=100/10.7	CONVEYOR BELT 3		
CONVEYOR BELT 3	=100/10.7	=100-3X2	3	3	=100+M-3M1	W	=100/10.7	CONVEYOR BELT 3		
CONVEYOR BELT 3	=100/10.8	=100-3X2	PE	PE	=100+M-3M1	PE	=100/10.7	CONVEYOR BELT 3		

<table> <tr> <td>DATE</td><td>04.Dez.2015</td> <td colspan="4">KLEEMANN GMBH</td> <td rowspan="2">  </td> <td rowspan="2">-10W3</td> <td>KLEEMANN SERIES</td><td>K007</td> <td>= KAB</td><td>+</td> </tr> <tr> <td>EDITED</td><td>JBR</td> <td colspan="4">MOBICAT MC 120 Z US</td> <td>KLEEMANN MATERIAL NO</td><td>2268570</td> <td>CAE-SYSTEM: EPLAN 5.70</td><td>PG. 28</td> </tr> <tr> <td>CONTR.</td><td>D. MALLKOWSKY</td> <td>ORIGIN</td><td>REP.F.</td><td>REP.T.</td><td></td><td></td> <td></td><td></td><td></td><td>PG. 57</td> </tr> </table>										DATE	04.Dez.2015	KLEEMANN GMBH					-10W3	KLEEMANN SERIES	K007	= KAB	+	EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 28	CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.						PG. 57
DATE	04.Dez.2015	KLEEMANN GMBH					-10W3	KLEEMANN SERIES	K007	= KAB	+																															
EDITED	JBR	MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 28																															
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.						PG. 57																																

INTERCONNECTION DIAGRAM

CABLE NAME				-11W1				CABLE TYPE				OELFLEX Tray II							
REMARK				NO. OF CORES				4G				CROSS SECTION		-		CABLE LENGTH		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT											
CONVEYOR BELT 4	=100/11.1	-4X1	1	1	=100+M-4M1	U	=100/11.1	CONVEYOR BELT 4											
CONVEYOR BELT 4	=100/11.1	-4X1	2	2	=100+M-4M1	V	=100/11.2	CONVEYOR BELT 4											
CONVEYOR BELT 4	=100/11.1	-4X1	3	3	=100+M-4M1	W	=100/11.2	CONVEYOR BELT 4											
CONVEYOR BELT 4	=100/11.2	-4X1	PE	PE	=100+M-4M1	PE	=100/11.2	CONVEYOR BELT 4											

		DATE	04.Dez.2015		KLEEMANN GMBH				-11W1		KLEEMANN SERIES	K007	= KAB	+
		EDITED	JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.	29
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG.	57

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME	-11W3	CABLE TYPE	OELFLEX Tray II
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REMARK		NO. OF CORES	4G	CROSS SECTION	-	CABLE LENGTH	-
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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	8	1	=100+M-5M1	U	=100/11.4	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.4	-X1	9	2	=100+M-5M1	V	=100/11.4	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.4	-X1	10	3	=100+M-5M1	W	=100/11.4	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.4	-X1	PE	PE	=100+M-5M1	PE	=100/11.4	VIBRATING CHUTE/CRUSHER 5

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -11W4	CABLE TYPE OELFLEX Tray II
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REMARK	NO. OF CORES 3G	CROSS SECTION -	CABLE LENGTH -
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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	=100/11.5	-X5	3	1	=100+M-5M1		=100/11.4	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.5	-X5	4	2	=100+M-5M1		=100/11.4	VIBRATING CHUTE/CRUSHER 5
				PE				

DATE	04.Dez.2015	KLEEMANN GMBH		 	-11W4	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.	32
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		PG.	57

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -11W5				CABLE TYPE OELFLEX Tray II						
REMARK				NO. OF CORES 4G			CROSS SECTION -		CABLE LENGTH -	
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	11	1	=100+M-5M2	U	=100/11.7	VIBRATING CHUTE/CRUSHER 5		
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	12	2	=100+M-5M2	V	=100/11.7	VIBRATING CHUTE/CRUSHER 5		
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	13	3	=100+M-5M2	W	=100/11.7	VIBRATING CHUTE/CRUSHER 5		
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	PE	PE	=100+M-5M2	PE	=100/11.7	VIBRATING CHUTE/CRUSHER 5		

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME	-12W1						CABLE TYPE	OELFLEX Tray II					
REMARK						NO. OF CORES	4G		CROSS SECTION	-		CABLE LENGTH	-
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH			FUNCTION TEXT			
CONVEYOR BELT 6	=100/12.1	-X1	14	1	+M-6X1	1	=100/12.1			CONVEYOR BELT 6			
CONVEYOR BELT 6	=100/12.1	-X1	15	2	+M-6X1	2	=100/12.1			CONVEYOR BELT 6			
CONVEYOR BELT 6	=100/12.1	-X1	16	3	+M-6X1	3	=100/12.1			CONVEYOR BELT 6			
CONVEYOR BELT 6	=100/12.2	-X1	PE	PE	+M-6X1	PE	=100/12.2			CONVEYOR BELT 6			

		DATE	04.Dez.2015	KLEEMANN GMBH					-12W1	KLEEMANN SERIES	K007	= KAB	+
		EDITED	JBR							MOBICAT MC 120 Z US			
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME					CABLE TYPE					
-12W2					OELFLEX Tray II					
REMARK					NO. OF CORES		CROSS SECTION		CABLE LENGTH	
					4G		-		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
CONVEYOR BELT 6	=100/12.1	+M-6X1	1	1	=100+M-6M1	U	=100/12.1	CONVEYOR BELT 6		
CONVEYOR BELT 6	=100/12.1	+M-6X1	2	2	=100+M-6M1	V	=100/12.1	CONVEYOR BELT 6		
CONVEYOR BELT 6	=100/12.1	+M-6X1	3	3	=100+M-6M1	W	=100/12.1	CONVEYOR BELT 6		
CONVEYOR BELT 6	=100/12.2	+M-6X1	PE	PE	=100+M-6M1	PE	=100/12.1	CONVEYOR BELT 6		

INTERCONNECTION DIAGRAM

CABLE NAME	-12W3			CABLE TYPE	OELFLEX Tray II			
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REMARK			NO. OF CORES	4G		CROSS SECTION	-		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	=100/12.1	-X1	14	1	=100+M-6X2	1	=100/12.2	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	-X1	15	2	=100+M-6X2	2	=100/12.2	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.1	-X1	16	3	=100+M-6X2	3	=100/12.2	CONVEYOR BELT 6
CONVEYOR BELT 6	=100/12.2	-X1	PE	PE	=100+M-6X2	PE	=100/12.3	CONVEYOR BELT 6

DATE 04.Dez.2015				KLEEMANN GMBH		 	-12W3		KLEEMANN SERIES K007		= KAB		+	
EDITED JBR				MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 37	
CONTR. D. MALLKOWSKY													PG. 57	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							

0 1 2 3 4 5 6 7 8 9

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -12W4				CABLE TYPE OELFLEX Tray II					
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REMARK				NO. OF CORES 4G			CROSS SECTION -		CABLE LENGTH -	
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
VIBRATING SCREEN 7	=100/12.4	-X1	17	1	=100+M-7M1	U1	=100/12.4	VIBRATING SCREEN 7
VIBRATING SCREEN 7	=100/12.4	-X1	18	2	=100+M-7M1	V1	=100/12.4	VIBRATING SCREEN 7
VIBRATING SCREEN 7	=100/12.4	-X1	19	3	=100+M-7M1	W1	=100/12.4	VIBRATING SCREEN 7
VIBRATING SCREEN 7	=100/12.4	-X1	PE	PE	=100+M-7M1	PE	=100/12.4	VIBRATING SCREEN 7

37		DATE 04.Dez.2015	KLEEMANN GMBH	 	-12W4	KLEEMANN SERIES K007	= KAB	+
		EDITED JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO 2268570	CAE-SYSTEM: EPLAN 5.70	PG. 38
MODIFICAT.	DATE	NAME	NORM		DIN	ORIGIN	REP.F.	REP.T.

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -12W5					CABLE TYPE OELFLEX Tray II					
REMARK					NO. OF CORES 3G		CROSS SECTION -		CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
VIBRATING SCREEN 7	=100/12.5	-X5	7	1	=100+M-7M1		=100/12.4	VIBRATING SCREEN 7		
VIBRATING SCREEN 7	=100/12.5	-X5	8	2	=100+M-7M1		=100/12.4	VIBRATING SCREEN 7		
				PE						

DATE	04.Dez.2015	KLEEMANN GMBH	 	-12W5	KLEEMANN SERIES	K007	= KAB	+
EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:
CONTR.	D. MALLKOWSKY						EPLAN 5.70	PG. 57
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME	-13W2				CABLE TYPE	OELFLEX Tray II				
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REMARK				NO. OF CORES	3G		CROSS SECTION	-		CABLE LENGTH	-
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
WATERPUMP 10	=100/13.3	-X1	23	1	=100+M-WP	L1	=100/13.3	HYDRAULIC 9
WATERPUMP 10	=100/13.4	-X1	24	2	=100+M-WP	N	=100/13.3	HYDRAULIC 9
WATERPUMP 10	=100/13.4	-X1	PE	PE	=100+M-WP	PE	=100/13.3	HYDRAULIC 9

DATE	04.Dez.2015	KLEEMANN GMBH			 	KLEEMANN SERIES	K007	= KAB	+
EDITED	JBR	MOBICAT MC 120 Z US				-13W2	KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			EPLAN 5.70	PG.	57

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME					CABLE TYPE					
-13W3					OELFLEX Tray II					
REMARK					NO. OF CORES		CROSS SECTION		CABLE LENGTH	
					4G		-		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
EXCESS PRESSURE FAN 1	=100/13.6	-X1	25	1	=100+M-13M1	U	=100/13.6	EXCESS PRESSURE FAN 1		
EXCESS PRESSURE FAN 1	=100/13.6	-X1	26	2	=100+M-13M1	V	=100/13.6	EXCESS PRESSURE FAN 1		
EXCESS PRESSURE FAN 1	=100/13.6	-X1	27	3	=100+M-13M1	W	=100/13.6	EXCESS PRESSURE FAN 1		
EXCESS PRESSURE FAN 1	=100/13.6	-X1	PE	PE	=100+M-13M1	PE	=100/13.6	EXCESS PRESSURE FAN 1		

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME				-14W1				CABLE TYPE				OELFLEX FD855CP							
REMARK				NO. OF CORES				4G+Schirm				CROSS SECTION		2.5		CABLE LENGTH		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT											
VIBRATING FEEDER 8 DRIVE LEFT	=100/14.2	-X8	1	1	=100+M-8M1	U1	=100/14.2	VIBRATING FEEDER 8 DRIVE LEFT											
VIBRATING FEEDER 8 DRIVE LEFT	=100/14.2	-X8	2	2	=100+M-8M1	V1	=100/14.3	VIBRATING FEEDER 8 DRIVE LEFT											
VIBRATING FEEDER 8 DRIVE LEFT	=100/14.3	-X8	3	3	=100+M-8M1	W1	=100/14.3	VIBRATING FEEDER 8 DRIVE LEFT											
VIBRATING FEEDER 8 DRIVE LEFT	=100/14.3	-X8	PE	PE	=100+M-8M1	PE	=100/14.3	VIBRATING FEEDER 8 DRIVE LEFT											
				SH															

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

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DATE	04.Dez.2015	KLEEMANN GMBH	 	-14W3	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY		REP.T.					PG.	57
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.			

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -14W4					CABLE TYPE OELFLEX Tray II					
REMARK					NO. OF CORES 3G		CROSS SECTION 1.5		CABLE LENGTH -	
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	-X5	11	1	=100+M-8M2		=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT		
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X5	12	2	=100+M-8M2		=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT		
				PE						

					 					-14W4				
DATE 04.Dez.2015					KLEEMANN GMBH					KLEEMANN SERIES K007 = KAB +				
EDITED JBR					MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2268570 CAE-SYSTEM: EPLAN 5.70 PG. 46				
CONTR. D. MALLKOWSKY										PG. 57				
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							

INTERCONNECTION DIAGRAM

CABLE NAME -36W1	CABLE TYPE UNITRONIC
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REMARK	NO. OF CORES 3+Schirm	CROSS SECTION 0.5	CABLE LENGTH -
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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	=100/36.2	-XLS	4	BN	=100+M-LR	8	=100/36.2	
LIGHT BARRIER CRUSHER	=100/36.2	-XLS	3	GN	=100+M-LR	6	=100/36.2	
				SH				

				DATE	04.Dez.2015	KLEEMANN GMBH	 	-36W1	KLEEMANN SERIES	K007	= KAB	+	
				EDITED	JBR	MOBICAT MC 120 Z US					CAE-SYSTEM:	PG.	47
				CONTR.	D. MALLKOWSKY							EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		KLEEMANN MATERIAL NO	2268570			

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -36W2				CABLE TYPE UNITRONIC			
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REMARK				NO. OF CORES 3+Schirm		CROSS SECTION 0.5	CABLE LENGTH -	
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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	=100/36.3	-XLS	2	BN	=100+M-LT	5	=100/36.3	LIGHT BARRIER CRUSHER
LIGHT BARRIER CRUSHER	=100/36.3	-XLS	1	GN	=100+M-LT	7	=100/36.3	LIGHT BARRIER CRUSHER
				SH				

DATE	04.Dez.2015	KLEEMANN GMBH			-36W2	KLEEMANN SERIES	K007	= KAB	+
EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 48
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 57	

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME				-37W1						CABLE TYPE				OELFLEX Tray II																	
REMARK								NO. OF CORES				4G				CROSS SECTION				-				CABLE LENGTH				-			
FUNCTION TEXT		PAGE/PATH		DESTINATION DESIGNATION FROM			CONNECTION	CORE	DESTINATION DESIGNATION TO			CONNECTION	PAGE/PATH		FUNCTION TEXT																
SUPPLY 24V		=100/37.0		-XG			30	1	+M-XG			30	=100/37.0		SUPPLY 24V																
SUPPLY 0V		=100/37.1		-XG			31	2	+M-XG			31	=100/37.1		SUPPLY 0V																
								3																							
								PE																							

DATE		04.Dez.2015		KLEEMANN GMBH		 		-37W1		KLEEMANN SERIES		K007		= KAB		+	
EDITED		JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM:		EPLAN 5.70	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.						PG.		49	
MODIFICAT.		DATE		NAME		NORM		DIN						PG.		57	

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME				CABLE TYPE					
-37W2				OELFLEX Tray II					
REMARK				NO. OF CORES		CROSS SECTION		CABLE LENGTH	
				18G		-		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
				1					
START	=100/37.4	-XG	50	2	+M-XG	50	=100/37.4	START	
RELEASE	=100/37.7	-XG	3	3	+M-XG	3	=100/37.7	RELEASE	
				4					
OIL PRESSURE	=100/38.6	-XG	5.1	5	+M-XG	5.1	=100/38.6	OIL PRESSURE	
TEMPERATURE INDICATION 2: 100°C	=100/38.4	-XG	77	6	+M-XG	77	=100/38.4	TEMPERATURE INDICATION 2: 100°C	
TEMPERATURE	=100/38.6	-XG	7.1	7	+M-XG	7.1	=100/38.6	TEMPERATURE	
COOLING WATER LOW LEWEL	=100/38.8	-XG	8	8	+M-XG	8	=100/38.8	COOLING WATER LOW LEWEL	
				9					
FUEL LEVEL	=100/38.3	-XG	18	10	+M-XG	18	=100/38.3	FUEL LEVEL	
AIR FILTER PLUGGES	=100/38.5	-XG	11	11	+M-XG	11	=100/38.5	AIR FILTER PLUGGES	
RESET SERVICE	=100/39.6	-XG	22	12	+M-XG	28	=100/39.6	RESET SERVICE	
SERVICE LAMP	=100/39.7	-XG	23	13	+M-XG	29	=100/39.7	SERVICE LAMP	
DIAGNOSTIC LAMP	=100/39.7	-XG	24	14	+M-XG	32	=100/39.7	DIAGNOSTIC LAMP	
WARNING LAMP	=100/39.8	-XG	25	15	+M-XG	33	=100/39.8	WARNING LAMP	
				16					
				17					
				PE					

DATE		04.Dez.2015		KLEEMANN GMBH		 		-37W2		KLEEMANN SERIES		K007		= KAB		+	
EDITED		JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 50	
CONTR.		D. MALLKOWSKY														PG. 57	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME				CABLE TYPE				
-41W1				OELFLEX Tray II				
REMARK				NO. OF CORES		CROSS SECTION	CABLE LENGTH	
				18G		-	-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
	=100/41.1	-XF	1	1			=100/41.1	
VIBRATING CHUTE FASTER (RADIO)	=100/41.5	-XF	2	2			=100/41.1	
INSTALLATION OFF (RADIO)	=100/41.2	-XF	3	3			=100/41.1	
INSTALLATION OFF (RADIO)	=100/41.2	-XF	4	4			=100/41.1	
				5				
	=100/41.1	-XF	6	6			=100/41.1	
	=100/41.1	-XF	7	7			=100/41.1	
VIBRATING CHUTE SLOWER (RADIO)	=100/41.4	-XF	8	8			=100/41.1	
VIBRATING CHUTE + SCREEN OFF(REMOTE)	=100/41.3	-XF	9	9			=100/41.1	
VIBRATING CHUTE FASTER (RADIO)	=100/41.4	-XF	10	10			=100/41.1	
VIBRATING CHUTE + SCREEN ON(REMOTE)	=100/41.2	-XF	11	11			=100/41.1	
				12				
RUN CHAIN RIGHT (REMOTE)	=100/41.6	-X22	C1	13	=100+M-20A2	13	=100/41.1	
RUN CHAIN RIGHT (REMOTE)	=100/41.7	-X22	D1	14	=100+M-20A2	14	=100/41.1	
RUN CHAIN LEFT (REMOTE)	=100/41.6	-X22	C2	15	=100+M-20A2	15	=100/41.1	
RUN CHAIN LEFT (REMOTE)	=100/41.5	-X22	D2	16	=100+M-20A2	16	=100/41.1	
				17				
				PE				

DATE		04.Dez.2015		KLEEMANN GMBH		 		-41W1		KLEEMANN SERIES		K007		= KAB		+	
EDITED		JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 51	
CONTR.		D. MALLKOWSKY														PG. 57	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME			CABLE TYPE						
-41W2			OELFLEX 491P						
REMARK			NO. OF CORES		CROSS SECTION		CABLE LENGTH		
			5G		-		-		
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	-X22	C2	3	=100+M-Y5B	C2	=100/41.7	RUN CHAIN RIGHT (REMOTE)	
RUN CHAIN LEFT (REMOTE)	=100/41.5	-X22	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 -41W3	CABLE TYPE OELFLEX 491P
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REMARK	NO. OF CORES 5G	CROSS SECTION -	CABLE LENGTH -
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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	-X22	D1	3	=100+M-Y4B	D1	=100/41.6	RUN CHAIN RIGHT (REMOTE)
RUN CHAIN RIGHT (REMOTE)	=100/41.6	-X22	C1	4	=100+M-Y4B	C1	=100/41.6	RUN CHAIN RIGHT (REMOTE)
				PE				

		DATE	04.Dez.2015	KLEEMANN GMBH				-41W3	KLEEMANN SERIES	K007	= KAB	+
		EDITED	JBR	MOBICAT MC 120 Z US								
		CONTR.	D. MALLKOWSKY		KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	53			
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	57

INTERCONNECTION DIAGRAM

CABLE NAME -41W4					CABLE TYPE OELFLEX Tray II					
REMARK					NO. OF CORES 7G		CROSS SECTION -		CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
EINSPEISUNG 24V DC	=100/41.7	-X22	1	1	+M-XF1	1	=100/41.7	EINSPEISUNG 24V DC		
EINSPEISUNG 0V DC	=100/41.9	-X22	2	2	+M-XF1	2	=100/41.9	EINSPEISUNG 0V DC		
RUN CHAIN LEFT (MANUAL)	=100/41.8	-X22	B2	3	+M-XF1	3	=100/41.8	RUN CHAIN LEFT (MANUAL)		
RUN CHAIN LEFT (MANUAL)	=100/41.8	-X22	A2	4	+M-XF1	4	=100/41.8	RUN CHAIN LEFT (MANUAL)		
RUN CHAIN RIGHT (MANUAL)	=100/41.7	-X22	B1	5	+M-XF1	5	=100/41.7	RUN CHAIN RIGHT (MANUAL)		
RUN CHAIN RIGHT (MANUAL)	=100/41.7	-X22	A1	6	+M-XF1	6	=100/41.7	RUN CHAIN RIGHT (MANUAL)		
				PE						

INTERCONNECTION DIAGRAM

CABLE NAME -41W5					CABLE TYPE OELFLEX Tray II					
REMARK					NO. OF CORES 3G		CROSS SECTION -		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		
				PE						

INTERCONNECTION DIAGRAM

CABLE NAME -06W12					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	=100/6.1	+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						

0 1 2 3 4 5 6 7 8 9

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME				-06W15			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	=100/6.2	+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				



	DATE	04.Dez.2015	KLEEMANN GMBH		-06W15	KLEEMANN SERIES	K007	= KAB	+
	EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 57
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		PG. 57

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Part's list

TPLSTK02 02.04.2003

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
-XOUT	1	Anbauegahaese 16-pol. mit 2 Buegeln	ILME GmbH	M10020941	=A0/19.6	CHI 16
-XOUT	1	Tuellengehaese M25 mit Bolzen für 2 Bügel	ILME GmbH	MHO 16.25	=A0/19.6	M10011806
-XOUT	1	Buchseneinsatz 16-polig +PE 16A max, 500V	ILME GmbH	CSEF 16	=A0/19.6	2390436
-XOUT	1	Stifteinsatz 16-polig +PE 16A max, 500V	ILME GmbH	CSEM 16	=A0/19.6	M10011812
-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
-3X2	1	Anbauegahaese ohne Kabelausgang	ILME GmbH	CKAX 03 IA	=A0/19.6	2454383
-3X2	1	Tuellengehaese mit Bolzen	ILME GmbH	MKA V20	=A0/19.6	M10011803
-4X1	1	Stifteinsatz 4+2-polig +PE 80A max+16A max, 400V	ILME GmbH	M10012918	=A0/19.6	CXM 4/2
-4X1	1	Buchseneinsatz 4+2-polig +PE 80A max+16A max, 400V	ILME GmbH	M10012917	=A0/19.6	CXF 4/2
-4X1	1	Anbauegahaese 16-pol. mit 2 Buegeln	ILME GmbH	M10020941	=A0/19.6	CHI 16
-4X1	1	Tuellengehaese 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	Anbauegahaese ohne Kabelausgang	ILME GmbH	CKAX 03 IA	=A0/19.6	2454383
-4X2	1	Tuellengehaese mit Bolzen	ILME GmbH	MKA V20	=A0/19.6	M10011803
=100-00XA1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/1.1	SV 9342.310
=100-00XA1	4	Sammelschienenhalter 3polig 60mm Schienenabstand	Rittal GmbH & Co. KG	SV 9340.050	=100/1.1	SV 9340.050
=100-00XA1	2	Endabdeckung	Rittal GmbH & Co. KG	2196968	=100/1.1	SV 9340.070
=100-00XA1	1	Bodenwanne Laenge 700 mm	Rittal GmbH & Co. KG	SV 9340.110	=100/1.1	SV 9340.110
=100-00Q1	1	Lasttrennschalter 600A, 690 VAC NS3-600-NA 3-polig	Moeller	NS3-600-NA	=100/1.1	NS3-600-NA
=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	2196964	=100/1.4	SV 9342.310
=100-00Q1.1	1	Lasttrennschalter 600A, 690 VAC NS3-600-NA 3-polig	Moeller	NS3-600-NA	=100/1.4	NS3-600-NA
=100-00Q1.1	1	Hauptschalterbausatz f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XHB	=100/1.4	NZM3-XHB
=100-00Q1.1	1	Rahmenklemme für Leistungsschalter NZM3 und Lasttrennschalter PN3, N3	Moeller	NZM3-XKC	=100/1.4	NZM3-XKC
=100-00Q1.1	1	Abdeckung f. NZM3, N3	Moeller	NZM3-XKSA	=100/1.4	NZM3-XKSA
=100-00Q1.1	1	Mechanische Verriegelung f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XMV	=100/1.4	NZM3-XMV
=100-0F10	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/1.7	SV 9340.310
=100-0F10	1	Sicherungshalter 3-pol. 600V, 30A	Woehner GmbH & Co. KG	31 297	=100/1.7	31 297
=100-0F10	3	Sicherungseinsatz Gr.10 x 38 10A, 600V AC	Woehner GmbH & Co. KG	M10025369	=100/1.7	31 248
=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 0-800A	Yokogawa	251340LSSNUL	=100/2.1	251340LSSNUL
=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 600A BG3 NZMN3-AE600-NA	Moeller	M00000003	=100/2.1	NZMN3-AE600-NA
=100-0Q1	1	Hauptschalterbausatz f. NZM3, N3	Moeller	NZM3-XTVDVR-NA	=100/2.1	NZM3-XTVDVR-NA
=100-0Q1	1	Unterspannungsausloeser mit 2 VHI NZM2/3-XUHIVC380-440AC	Moeller	M10017491	=100/2.1	NZM2/3-XUHIVC380-440AC
=100-0Q1	1	Kontaktelement 1S Front M22-CK10	Moeller	M10016214	=100/2.1	M22-CK10
=100-0T01	1	Stromwandler 800/5A	IT INC	58RBT-801	=100/2.1	58RBT-801
=100-0F00	1	Sicherungshalter 2-pol. 600V, 30A	Woehner GmbH & Co. KG	31 296	=100/2.2	31 296
=100-0F00	2	Sicherungseinsatz Gr.10 x 38 2A, 600V AC	Woehner GmbH & Co. KG	M10025367	=100/2.2	31 245
=100-PE	2	Sammelschienenhalter 1polig	Rittal GmbH & Co. KG	SV 9340.030	=100/2.2	SV 9340.030
=100-0F01	1	FI-Steuerschalter 2S, 500V, 16A	Doepke	M10016345	=100/2.3	MFR
=100-0SS	1	Schlüsselschalter, mit Halter 2 Schaltstellungen O-I, verrastend	Siemens	3SB30 00-4HD01	=100/2.6	3SB30 00-4HD01
=100-0SS	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/2.6	3SB39 25-0AV

=KAB/57

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		DATE	04.Dez.2015	KLEEMANN GMBH		 	STUECKLISTE		KLEEMANN SERIES	K007	=	STK	+
		EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	14

Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-TS1	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/2.7	3SE5232-0PC05
=100-TS2	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/2.7	3SE5232-0PC05
=100-TS3	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/2.7	3SE5232-0PC05
=100-TS4	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/2.7	3SE5232-0PC05
=100-0F06	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/3.1	31 295
=100-0F06	1	Sicherungseinsatz Gr.10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/3.1	31 247
=100-0F07	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/3.3	31 295
=100-0F07	1	Sicherungseinsatz Gr.10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/3.3	31 247
=100-0F08	1	Sicherungsautomat 1-polig Typ C 10A 230/400V	Siemens	M10019163	=100/3.5	5SY6 110-7
=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	Stecksoclel mit Relais 2 Wechster 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/3.7	788-312
=100-0F03	1	Sicherungshalter 3-pol. 600V, 30A	Woehner GmbH & Co. KG	31 297	=100/4.1	31 297
=100-0F03	3	Sicherungseinsatz Gr.10 x 38 30A, 600V AC	Woehner GmbH & Co. KG	M10025373	=100/4.1	31 252
=100-0F04	1	FI-Schutzschalter 4polig 40A	ABB AG	F204A-40/0,03	=100/4.1	F204A-40/0,03
=100-0X5	1	Einbauschukosteckdose Typ: ME 530R7W 5-Pol 480V/30A	Menekes	M10019713	=100/4.1	60380MZ
=100-0F0	1	Sicherungshalter AMBUS EasySwitch 3-pol. 690V, 125A	Woehner GmbH & Co. KG	31 123	=100/5.1	31 123
=100-0F0	3	Sicherungseinsatz 22x58 100A, 690V, gG	Woehner GmbH & Co. KG	31 203	=100/5.1	31 203
=100-0F0	1	CB Gerateadapter 125A,600V, UL 508	Rittal GmbH & Co. KG	2196726	=100/5.1	SV 9342.550
=100-0F0	1	Anschlusswinkel 6x9x0,8 mm für CB Geräteadapter	Rittal GmbH & Co. KG	SV 9342.570	=100/5.1	SV 9342.570
=100-0X1	1	Einbauschukosteckdose Typ: ME 5100R7W 4-Pol 480V/100A	Menekes	M10019712	=100/5.1	60063MZ
=100-0F05	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/5.3	31 295
=100-0F05	1	Sicherungseinsatz Gr.10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/5.3	31 249
=100-0F105	1	FI-Schutzschalter 2polig 25A	ABB AG	F202A-25/0,03	=100/5.3	F202A-25/0,03
=100-0X4	1	Steckdose 1-Pol+N+PE 125V/15A	ABL SURSUM	UL12505	=100/5.3	UL12505
=100-0F1	1	Sicherungshalter 2-pol. 600V, 30A	Woehner GmbH & Co. KG	31 296	=100/5.5	31 296
=100-0F1	2	Sicherungseinsatz Gr.10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/5.5	31 249
=100-0F1	1	OM Adapter 32A,690V, UL 508	Rittal GmbH & Co. KG	M10025431	=100/5.5	SV 9340.510
=100-0T1	1	Transformator 1-phasig 1600VA Prim. 400V AC Sek. 2x115V AC	Block GmbH & Co.KG	STU1600/4/23	=100/5.5	STU1600/4/23
=100-0F1.3	1	Sicherungsautomat 1-polig Typ C 2A 240V AC/60V DC	Siemens	5SJ4102-7HG41	=100/5.5	5SJ4102-7HG41
=100-0F1.3	1	Hilfsschalter 1S 1OE fuer 5SJ LS-Schalter T=70mm	Siemens	5ST3010-OHG	=100/5.5	5ST3010-OHG
=100-0F02	1	Sicherungsautomat 2-polig Typ C 2A 240V AC/60V DC	Siemens	5SJ4202-7HG41	=100/5.7	5SJ4202-7HG41
=100-0P2	1	Voltmeter 500V	Langer Messtechnik GmbH	M10006617	=100/5.7	RQ 72 E 500V
=100-0S00	1	Pilzdrucktaster rot, 1S+1OE , rastend , mit Drehentriegelung	Siemens	3SB32 01-1HA20-0CC0	=100/6.6	3SB32 01-1HA20-0CC0
=100-0S00	2	Schaltelement 1OE Einbautiefe 50mm	Siemens	M10017539	=100/6.6	3SB34 03-0C
=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+S-XSBT1	1	Buchseneinsatz 10-polig +PE 16A max, 500V	ILME GmbH	2302895	=100/6.7	CSEF 10
=100+S-XSBT1	1	Anbaugehaeuse mit 2 Buegel	ILME GmbH	2332565	=100/6.7	CHI 10
=100+S-XSBT2	1	Tuellengehaeuse M20 rot	ILME GmbH	2332604	=100/6.7	MHOR 10.20
=100+S-XSBT2	1	Stifteinsatz 10-polig +PE 16A max, 500V	ILME GmbH	2302911	=100/6.7	CSEM 10
=100+S-XSBT2.	1	Tuellengehaeuse M20 mit Bolzen für 2 Bügel	ILME GmbH	2302913	=100/6.7	MHO 10.20
=100+S-XSBT2.	1	Stifteinsatz 10-polig +PE 16A max, 500V	ILME GmbH	2302911	=100/6.7	CSEM 10
=100-D1	1	Schaltgeraet, 24V 3S+1OE	Pilz GmbH & Co.	M10015065	=100/6.1.4	PNOZ X4
=100-0F2	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.1	31 295
=100-0F2	1	Sicherungseinsatz Gr.10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/7.1	31 247
=100-KN1	1	Hilfsschuetz SIRIUS 2S+2OE 24VDC, Cage Clamp	Siemens	2256202	=100/7.1	3RH2122-2BB40
=100-KN2	1	Hilfsschuetz SIRIUS 2S+2OE 24VDC, Cage Clamp	Siemens	2256202	=100/7.2	3RH2122-2BB40
=100-0F3	1	Sicherungsautomat 1-polig Typ C 6A 400V AC/220V DC	Siemens	M10019164	=100/7.3	5SY6 106-7

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Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-0F3	1	Hilfsschalter 1S 10E fuer LS-Schalter T=70mm	Siemens	M10019130	=100/7.3	5ST3 010
=100-0S1	1	Schlüsselschalter, 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	Schuetz, 4kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/7.3	3RT2016-2BB41
=100-0K1	1	Hilfsschalterblock 2S+2OE Cage-Clamp-Anschluss	Siemens	2255490	=100/7.3	3RH2911-2FA22
=100-GF2	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.5	31 295
=100-GF2	1	Sicherungseinsatz Gr.10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/7.5	31 249
=100+M-1H2	1	Rueckfahrwarner 24V DC	Bosch	A65	=100/7.6	A65
=100-0F4	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.6	31 295
=100-0F4	1	Sicherungseinsatz Gr.10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/7.6	31 247
=100+M-00H2	1	Sirene 24V DC, 0,5A	Funke+Huster GmbH	M10011815	=100/7.7	KS 24
=100+M-00H3	1	Blitzlicht AC/DC 24V	Telemecanique	XVB L6B5AB	=100/7.8	XVB L6B5AB
=100-1P1	1	Amperemeter 500/1000/5A	Langer Messtechnik GmbH	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 32 500/5A	Langer Messtechnik GmbH	M00000009	=100/8.3	TAC 32 500/5A
=100-1K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/8.6	ZEV
=100-1K0	1	Stromsensor 40-820A	Klöckner Moeller	M10019256	=100/8.6	ZEV-XSW-820
=100-1K0	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 800mm	Moeller	M10019257	=100/8.6	ZEV-XVK-80
=100-1KC1	1	Motorschuetz, 90kW/400V 3H, 2S+2OE, 110-127V AC/DC, mit Varistor	Siemens	M10020791	=100/9.1	3RT10 56-2AF36
=100-1KC1	2	Anschlussabdeckung fuer Schuetze BGR. S6	Siemens	3RT19 56-4EA1	=100/9.1	3RT19 56-4EA1
=100-1KT1	1	Zeitrelais 24V DC/AC, 100...127V AC 1S+1S verzoeigert, Cage Clamp	Siemens	3RP15 76-2NQ30	=100/9.3	3RP15 76-2NQ30
=100-1KC2	1	Motorschuetz, 90kW/400V 3H, 2S+2OE, 110-127V AC/DC, mit Varistor	Siemens	M10020791	=100/9.4	3RT10 56-2AF36
=100-1KC2	2	Anschlussabdeckung fuer Schuetze BGR. S6	Siemens	3RT19 56-4EA1	=100/9.4	3RT19 56-4EA1
=100-1KC3	1	Motorschuetz, 75kW/400V 3H, 2S+2OE, 110-127V AC/DC, mit Varistor	Siemens	M10020792	=100/9.6	3RT10 55-2AF36
=100-1KC3	2	Anschlussabdeckung fuer Schuetze BGR. S6	Siemens	3RT19 56-4EA1	=100/9.6	3RT19 56-4EA1
=100-1KC3	1	Parallelschaltverbindung fuer Schuetze BGR. S6	Siemens	3RT19 56-4BA31	=100/9.6	3RT19 56-4BA31
=100-2Q1	1	Leistungsschalter 4,5-6,3A mit Hilfsschalter,fuer Motorschutz	Siemens	2255703	=100/10.1	3RV2011-1GA15
=100-2Q1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/10.1	SV 9342.310
=100-2Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/10.1	SV 9342.850
=100-2F1	1	Sicherungsautomat 3-polig Typ C 25A 240V AC/60V DC	Siemens	5SJ4325-ZHG41	=100/10.4	5SJ4325-ZHG41
=100-2F1	1	Hilfsschalter 1S 10E fuer 5SJ LS-Schalter T=70mm	Siemens	5ST3010-OHG	=100/10.4	5ST3010-OHG
=100-2F1	1	OM Adapter 32A,690V	Rittal GmbH & Co. KG	2196715	=100/10.4	SV 9340.460
=100-3Q1	1	Leistungsschalter 11-16A mit Hilfsschalter,fuer Motorschutz	Siemens	2255713	=100/10.7	3RV2011-4AA15
=100-3Q1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/10.7	SV 9342.310
=100-3Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/10.7	SV 9342.850
=100-3X1	1	Einbauschukosteckdose Typ: ME 520R7W 5-Pol 480V/20A	Mennekes	60336MZ	=100/10.7	60336MZ
=100-4Q1	1	Leistungsschalter 22-32A ohne Hilfsschalter,fuer Motorschutz	Siemens	M10018521	=100/11.1	3RV10 31-4EA10
=100-4Q1	1	OM Adapter 65A, 690V	Rittal GmbH & Co. KG	2196712	=100/11.1	SV 9340.410
=100-4Q1	1	Querliegender Hilfsschalter 1S+10E	Siemens	M10019971	=100/11.1	3RV19 01-1E
=100-4K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/11.3	ZEV
=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,fuer Motorschutz	Siemens	2255708	=100/11.4	3RV2011-1JA15
=100-5Q1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/11.4	SV 9342.310
=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,fuer Motorschutz	Siemens	2255708	=100/11.7	3RV2011-1JA15
=100-5Q2	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/11.7	SV 9342.310

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-5Q2	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/11.7	SV 9342.850
=100-5K0.1	1	Elektronisches Motorschutzrelais	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	Moeller	M10013728	=100/11.8	ZEV-XVK-20
=100-6Q1	1	Leistungsschalter 9-12,5A	Siemens	2255711	=100/12.1	3RV2011-1KA15
=100-6Q1	1	Anschlussadapter	Rittal GmbH & Co. KG	2196964	=100/12.1	SV 9342.310
=100-6Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/12.1	SV 9342.850
=100-7F1	1	Sicherungsautomat 3-polig Typ C	Siemens	5SJ4363-7HG41	=100/12.4	5SJ4363-7HG41
=100-7F1	1	Hilfsschalter 1S 1OE	Siemens	5ST3010-OHG	=100/12.4	5ST3010-OHG
=100-7F1	1	OM Adapter	Rittal GmbH & Co. KG	2196712	=100/12.4	SV 9340.410
=100-7K0	1	Elektronisches Motorschutzrelais	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	Moeller	M10013728	=100/12.5	ZEV-XVK-20
=100-9Q1	1	Leistungsschalter 7-10A	Siemens	2255708	=100/13.1	3RV2011-1JA15
=100-9Q1	1	Anschlussadapter	Rittal GmbH & Co. KG	2196964	=100/13.1	SV 9342.310
=100-9Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/13.1	SV 9342.850
=100-10Q1	1	Leistungsschalter 4,5-6,3A	Siemens	2255703	=100/13.3	3RV2011-1GA15
=100-10Q1	1	OM Adapter	Rittal GmbH & Co. KG	M10025431	=100/13.3	SV 9340.510
=100-10Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/13.3	SV 9342.850
=100-13Q1	1	Leistungsschalter 0,28-0,4A	Siemens	2255735	=100/13.6	3RV2011-0EA15
=100-13Q1	1	Anschlussadapter	Rittal GmbH & Co. KG	2196964	=100/13.6	SV 9342.310
=100-8Q1	1	Steuerschalter 4-pol	Moeller	M10013874	=100/14.1	T3-4-8223/E
=100-8A1	1	Frequenzrichter	Control Techniques	M20000268	=100/14.2	SK 2403
=100-8F1	1	Sicherungsautomat 3-polig Typ C	Siemens	5SJ4335-7HG41	=100/14.2	5SJ4335-7HG41
=100-8F1	1	Hilfsschalter 1S 1OE	Siemens	5ST3010-OHG	=100/14.2	5ST3010-OHG
=100-8F1	1	OM Adapter	Rittal GmbH & Co. KG	2196715	=100/14.2	SV 9340.460
=100-8L1	1	Netzdrossel	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	Siemens	2255404	=100/14.2	3RU2116-1JC1
=100-8F3	1	Ueberlastrelais 7-10A, 1S+1OE	Siemens	2255404	=100/14.4	3RU2116-1JC1
=100-RB	1	Bremswiderstand SP	Control Techniques	M10020877	=100/14.7	SP
=100-8K0	1	Thermischer Maschinenschutz, 2 LED	Siemens	M10014273	=100/15.3	3RN10 10-2CB00
=100-SC	1	Knebel 2 Schalterstellungen,	Siemens	M10021302	=100/17.1	3SB32 02-2KA11-0CC0
=100-SC	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/17.1	3SB39 25-0AV
=100-SC	1	IVS-Hutschienenadapter	Klöckner Moeller	M10018771	=100/17.1	M22-IVS
=100-A0_OP	1	Operator Panel	VIPA GmbH	M10019119	=100/17.2	OP 03 603-10P00
=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
=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 2-fach	VIPA GmbH	290-0AA20	=100/17.2	290-0AA20
=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	=100/17.3	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	Schuetz, 3kW/400V	Siemens	2256180	=100/22.5	3RT2015-2BB41
=100-2KC1	1	Schuetz, 3kW/400V	Siemens	2256178	=100/23.1	3RT2015-2BB42
=100-2KC2	1	Schuetz, 3kW/400V	Siemens	2256178	=100/23.2	3RT2015-2BB42

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EDITED		JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 4	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 14		

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-3KC1	1	Schuetz, 5,5kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/23.3	3RT2017-2BB41
=100-2KC3	1	Schuetz, 11kW/400V 3H 1S+1OE 24V DC, Cage-Clamp	Siemens	2256200	=100/23.4	3RT2026-2BB40
=100-4KC1	1	Schuetz 15kW/400V 3H 1S+1OE, 24V DC, ohne Varistor,	Siemens	2268888	=100/23.5	3RT2027-2BB40
=100-5KC1	1	Schuetz, 4kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.6	3RT2016-2BB41
=100-5KC2	1	Schuetz, 4kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.7	3RT2016-2BB41
=100-6KC1	1	Schuetz, 5,5kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/23.8	3RT2017-2BB41
=100-S0.0	1	Leuchtdrucktaster weiss, LED integriert flacher Druckknopf 1S, UC 24V	Siemens	2219470	=100/24.1	3SB32 45-0AA61-0CC0
=100-S0.0	1	Schutzkappe für Drucktaster flach	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 flacher Druckknopf 1OE	Siemens	2219480	=100/24.2	3SB32 03-0AA21-0CC0
=100-S0.1	1	Schutzkappe für Drucktaster flach	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, verrastend, schwarz, 1S	Siemens	M10021302	=100/24.3	3SB32 02-2KA11-0CC0
=100-S0.2	1	Schutzkappe für Knebel	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 flacher Druckknopf, 1S	Siemens	3SB32 02-0AA51-0CC0	=100/24.4	3SB32 02-0AA51-0CC0
=100-S0.3	1	Schutzkappe für Drucktaster flach	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 flacher Druckknopf 1Ö, UC 24V	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 für Drucktaster flach	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, schwarz, 1S, 1S	Siemens	3SB32 10-2DA11-0CC0	=100/24.6	3SB32 10-2DA11-0CC0
=100-2S2	1	Schutzkappe für Knebel	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 flacher Druckknopf 1S, UC 24V	Siemens	M10020706	=100/24.7	3SB32 45-0AA41-0CC0
=100-2S1	1	Schutzkappe für Drucktaster flach	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 flacher Druckknopf 1S, UC 24V	Siemens	M10020706	=100/24.8	3SB32 45-0AA41-0CC0
=100-3S1	1	Schutzkappe für Drucktaster flach	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 flacher Druckknopf 1S, UC 24V	Siemens	M10020706	=100/25.1	3SB32 45-0AA41-0CC0
=100-4S1	1	Schutzkappe für Drucktaster flach	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 flacher Druckknopf 1S, UC 24V	Siemens	M10020706	=100/25.2	3SB32 45-0AA41-0CC0
=100-5S1	1	Schutzkappe für Drucktaster flach	Siemens	3SB39 21-0AH	=100/25.2	3SB39 21-0AH
=100-5S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.2	3SB39 25-0AV
=100-6S1	1	Leuchtdrucktaster gruen, LED integriert flacher Druckknopf 1S, UC 24V	Siemens	M10020706	=100/25.3	3SB32 45-0AA41-0CC0
=100-6S1	1	Schutzkappe für Drucktaster flach	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 flacher Druckknopf 1S, UC 24V	Siemens	M10020706	=100/25.4	3SB32 45-0AA41-0CC0
=100-7S1	1	Schutzkappe für Drucktaster flach	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 flacher Druckknopf 1S, UC 24V	Siemens	M10020706	=100/25.5	3SB32 45-0AA41-0CC0
=100-8S1	1	Schutzkappe für Drucktaster flach	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 flacher Druckknopf 1S, UC 24V	Siemens	M10020706	=100/25.7	3SB32 45-0AA41-0CC0
=100-10S1	1	Schutzkappe für Drucktaster flach	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 flacher Druckknopf 1S, UC 24V	Siemens	M10020706	=100/26.4	3SB32 45-0AA41-0CC0

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CONTR.		D. MALLKOWSKY														PG. 14	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-9S1	1	Schutzkappe für Drucktaster flach	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 für Drucktaster flach	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 für Knebel	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	Schuetz 15kW/400V	Siemens	2268888	=100/32.1	3RT2027-2BB40
=100-8KC1	1	Schuetz 15kW/400V	Siemens	2268888	=100/32.2	3RT2027-2BB40
=100-9KC1	1	Schuetz, 5,5kW/400V	Siemens	2256190	=100/32.3	3RT2017-2BB41
=100-10KC1	1	Schuetz, 3kW/400V	Siemens	2256180	=100/32.4	3RT2015-2BB41
=100-00K2	1	Stecksocel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.7	788-312
=100-00K3	1	Stecksocel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.8	788-312
=100-8K2	1	Stecksocel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/33.2	788-312
=100-0H6	1	Leuchtmelder blau, mit glatter Linse	Siemens	3SB32 44-6AA50-0CC0	=100/33.8	3SB32 44-6AA50-0CC0
=100-0H6	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/33.8	3SB39 25-0AV
=100-0H2	1	Leuchtmelder weiss, mit glatter Linse	Siemens	3SB32 44-6AA60-0CC0	=100/34.2	3SB32 44-6AA60-0CC0
=100-0H2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/34.2	3SB39 25-0AV
=100-0H2.1	1	Leuchtmelder weiss, mit glatter Linse	Siemens	3SB32 44-6AA60-0CC0	=100/34.3	3SB32 44-6AA60-0CC0
=100-0H2.1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/34.3	3SB39 25-0AV
=100-LS1	1	Socket fuer Relais LZX:MT32...	Siemens	M10010285	=100/36.1	LZX:MT78750
=100-LS1	1	Knebel 2 Schalterstellungen,	Siemens	M10021302	=100/36.1	3SB32 02-2KA11-0CC0
=100-LS1	1	Schutzkappe für Knebel	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-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-GA1	1	Schluesselschaltgeraet	AVS Aggregatebau	M10011598	=100/37.1	K26MUE_KSE_72
=100-GK1	1	Stecksocel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.1	788-312
=100-GK6	1	Stecksocel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.2	788-312
=100-GK61	1	Stecksocel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.6	788-312
=100-GK9	1	Stecksocel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.7	788-312
=100-GK9.1	1	Stecksocel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.8	788-312
=100-P5	1	Betriebsstundenzaehler 12 - 48V DC	ABB AG	M10011841	=100/38.1	E233-12/48
=100-GP1	1	Tankanzeige elektrisch, rund D=64mm	Motometer	609 005 1002	=100/38.2	609 005 1002
=100-GK26	1	Stecksocel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/38.4	788-312
=100-GKT1	1	Zeitrelais mit LED	Siemens	M10014285	=100/38.5	3RP15 25-2AP30
=100-GKT2	1	Zeitrelais mit LED	Siemens	M10014285	=100/38.8	3RP15 25-2AP30
=100-GS2	1	Drucktaster schwarz	Siemens	2219477	=100/39.6	3SB32 02-0AA11-0CC0
=100-GS2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/39.6	3SB39 25-0AV
=100-GS2	1	Schutzkappe für Drucktaster flach	Siemens	3SB39 21-0AH	=100/39.6	3SB39 21-0AH
=100-GH1	1	Leuchtmelder gelb, rund	Hella	2AA 003 257-031	=100/39.7	2AA 003 257-031
=100-GH1	1	Gluehlampe, klar BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.7	BA 7S 81552
=100-GH1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/39.7	3SB39 25-0AV
=100-GH2	1	Leuchtmelder gelb, rund	Hella	2AA 003 257-031	=100/39.7	2AA 003 257-031
=100-GH2	1	Gluehlampe, klar BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.7	BA 7S 81552
=100-GH2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/39.7	3SB39 25-0AV
=100-GH3	1	Leuchtmelder rot, rund	Hella	2AA 003 257-001	=100/39.8	2AA 003 257-001
=100-GH3	1	Gluehlampe, klar BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.8	BA 7S 81552
=100-GH3	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/39.8	3SB39 25-0AV

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MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

Part's list

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Table with 7 columns: Component designation, Amount, DESIGNATION, Manufacturer, Article number, Page/Path, part number. It lists components like switches, relays, and clamps from manufacturers like Siemens and Wago.

Footer section containing date (04.Dez.2015), company (KLEEMANN GMBH), logo (Kleemann Group), document type (STUECKLISTE), material number (K007, 2268570), and page numbering (7/14).

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
-XOUT	1	Attachment housing 16-pol. with 2 bow	ILME GmbH	M10020941	=A0/19.6	CHI 16
-XOUT	1	Plug housing M25 with Bolt for 2 Bow	ILME GmbH	MHO 16.25	=A0/19.6	M10011806
-XOUT	1	Socket insert 16-poled+pe 16A max, 500V	ILME GmbH	CSEF 16	=A0/19.6	2390436
-XOUT	1	Pin insert 16-pol+pe 16A max, 500V	ILME GmbH	CSEM 16	=A0/19.6	M10011812
-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
-3X2	1	Add-on housing without Cable outlet	ILME GmbH	CKAX 03 IA	=A0/19.6	2454383
-3X2	1	Plug housing with Bolt	ILME GmbH	MKA V20	=A0/19.6	M10011803
-4X1	1	Pin insert 4+2-pol +PE 80A max+16A max, 400V	ILME GmbH	M10012918	=A0/19.6	CXM 4/2
-4X1	1	Socket insert 4+2-pol +PE 80A max+16A max, 400V	ILME GmbH	M10012917	=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	2454383
-4X2	1	Plug housing with Bolt	ILME GmbH	MKA V20	=A0/19.6	M10011803
=100-00XA1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/1.1	SV 9342.310
=100-00XA1	4	Busbar holder 3pol 60mm Bar distance	Rittal GmbH & Co. KG	SV 9340.050	=100/1.1	SV 9340.050
=100-00XA1	2	End cover	Rittal GmbH & Co. KG	2196968	=100/1.1	SV 9340.070
=100-00XA1	1	Base tray Length 700 mm	Rittal GmbH & Co. KG	SV 9340.110	=100/1.1	SV 9340.110
=100-00Q1	1	Load-break switch 600A, 690 VAC NS3-600-NA 3-polig	Moeller	NS3-600-NA	=100/1.1	NS3-600-NA
=100-00Q1	1	Main switch kit f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XHB	=100/1.1	NZM3-XHB
=100-00Q1	1	Box terminal 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	2196964	=100/1.4	SV 9342.310
=100-00Q1.1	1	Load-break switch 600A, 690 VAC NS3-600-NA 3-polig	Moeller	NS3-600-NA	=100/1.4	NS3-600-NA
=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	Box terminal for circuit breaker nzm3 and Load-break switch PN3, N3	Moeller	NZM3-XKC	=100/1.4	NZM3-XKC
=100-00Q1.1	1	Covering f. NZM3, N3	Moeller	NZM3-XKSA	=100/1.4	NZM3-XKSA
=100-00Q1.1	1	Mechanical locking f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XMV	=100/1.4	NZM3-XMV
=100-0F10	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/1.7	SV 9340.310
=100-0F10	1	Fuse holder 3-pol. 600V, 30A	Woehner GmbH & Co. KG	31 297	=100/1.7	31 297
=100-0F10	3	Fuse link size 10 x 38 10A, 600V AC	Woehner GmbH & Co. KG	M10025369	=100/1.7	31 248
=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 0-800A	Yokogawa	251340LSSNUL	=100/2.1	251340LSSNUL
=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 600A BG3 NZMN3-AE600-NA	Moeller	M00000003	=100/2.1	NZMN3-AE600-NA
=100-0Q1	1	Main switch kit f. NZM3, N3	Moeller	NZM3-XTVDVR-NA	=100/2.1	NZM3-XTVDVR-NA
=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	Contact element 1S Front M22-CK10	Moeller	M10016214	=100/2.1	M22-CK10
=100-0T01	1	Current transformer 800/5A	IT INC	58RBT-801	=100/2.1	58RBT-801
=100-0F00	1	Fuse holder 2-pol. 600V, 30A	Woehner GmbH & Co. KG	31 296	=100/2.2	31 296
=100-0F00	2	Fuse link size 10 x 38 2A, 600V AC	Woehner GmbH & Co. KG	M10025367	=100/2.2	31 245
=100-PE	2	Busbar holder 1pol	Rittal GmbH & Co. KG	SV 9340.030	=100/2.2	SV 9340.030
=100-0F01	1	RESIDUAL CURRENT DEVICE 2NO, 500V, 16A	Doepke	M10016345	=100/2.3	MFR
=100-0SS	1	Key-operated switch, with Mounting support 2 Switching positions O-I, locked	Siemens	3SB30 00-4HD01	=100/2.6	3SB30 00-4HD01
=100-0SS	1	Tag holder	Siemens	3SB39 25-0AV	=100/2.6	3SB39 25-0AV

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-TS1	1	Position switch 2S+1NC	Siemens	3SE5232-0PC05	=100/2.7	3SE5232-0PC05
=100-TS2	1	Position switch 2S+1NC	Siemens	3SE5232-0PC05	=100/2.7	3SE5232-0PC05
=100-TS3	1	Position switch 2S+1NC	Siemens	3SE5232-0PC05	=100/2.7	3SE5232-0PC05
=100-TS4	1	Position switch 2S+1NC	Siemens	3SE5232-0PC05	=100/2.7	3SE5232-0PC05
=100-0F06	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/3.1	31 295
=100-0F06	1	Fuse link size 10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/3.1	31 247
=100-0F07	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/3.3	31 295
=100-0F07	1	Fuse link size 10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/3.3	31 247
=100-0F08	1	Automatic circuit breaker one-pole type c 10A 230/400V	Siemens	M10019163	=100/3.5	5SY6 110-7
=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	1	Fuse holder 3-pol. 600V, 30A	Woehner GmbH & Co. KG	31 297	=100/4.1	31 297
=100-0F03	3	Fuse link size 10 x 38 30A, 600V AC	Woehner GmbH & Co. KG	M10025373	=100/4.1	31 252
=100-0F04	1	RESIDUAL CURRENT DEVICE 4pol 40A	ABB AG	F204A-40/0,03	=100/4.1	F204A-40/0,03
=100-0X5	1	Einbauschukosteckdose Typ: ME 530R7W 5-Pol 480V/30A	Mennekes	M10019713	=100/4.1	60380MZ
=100-0F0	1	Fuse holder AMBUS Easyswitch 3-pol. 690V, 125A	Woehner GmbH & Co. KG	31 123	=100/5.1	31 123
=100-0F0	3	Fuse link 22x58 100A, 690V, gg	Woehner GmbH & Co. KG	31 203	=100/5.1	31 203
=100-0F0	1	CB Component adaptor 125A,600V, UL 508	Rittal GmbH & Co. KG	2196726	=100/5.1	SV 9342.550
=100-0F0	1	Connection bracket 6x9x0,8 mm for CB Component adaptor	Rittal GmbH & Co. KG	SV 9342.570	=100/5.1	SV 9342.570
=100-0X1	1	Einbauschukosteckdose Typ: ME 5100R7W 4-Pol 480V/100A	Mennekes	M10019712	=100/5.1	60063MZ
=100-0F05	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/5.3	31 295
=100-0F05	1	Fuse link size 10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/5.3	31 249
=100-0F105	1	RESIDUAL CURRENT DEVICE 2pol 25A	ABB AG	F202A-25/0,03	=100/5.3	F202A-25/0,03
=100-0X4	1	Socket 1-Pol+N+PE 125V/15A	ABL SURSUM	UL12505	=100/5.3	UL12505
=100-0F1	1	Fuse holder 2-pol. 600V, 30A	Woehner GmbH & Co. KG	31 296	=100/5.5	31 296
=100-0F1	2	Fuse link size 10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/5.5	31 249
=100-0F1	1	OM Adaptor 32A,690V, UL 508	Rittal GmbH & Co. KG	M10025431	=100/5.5	SV 9340.510
=100-0T1	1	Transformer 1-phase 1600VA Prim. 400V AC Sec. 2x115V AC	Block GmbH & Co.KG	STU1600/4/23	=100/5.5	STU1600/4/23
=100-0F1.3	1	Automatic circuit breaker one-pole type c 2A 240V AC/60V DC	Siemens	5SJ4102-7HG41	=100/5.5	5SJ4102-7HG41
=100-0F1.3	1	Auxiliary switch 1no 1nc for 5SJ LS-Switch T=70mm	Siemens	5ST3010-OHG	=100/5.5	5ST3010-OHG
=100-0F02	1	Automatic circuit breaker two-pole type c 2A 240V AC/60V DC	Siemens	5SJ4202-7HG41	=100/5.7	5SJ4202-7HG41
=100-0P2	1	Voltmeter 500v	Langer Messtechnik GmbH	M10006617	=100/5.7	RQ 72 E 500V
=100-0S00	1	Mushroom push button red, 1NO+1NC, locking, with rotatory unlocking	Siemens	3SB32 01-1HA20-0CC0	=100/6.6	3SB32 01-1HA20-0CC0
=100-0S00	2	Switching element 1nc Mounting depth 50mm	Siemens	M10017539	=100/6.6	3SB34 03-0C
=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+S-XSBT1	1	Socket insert 10-pol +PE 16A max, 500V	ILME GmbH	2302895	=100/6.7	CSEF 10
=100+S-XSBT1	1	Add-on housing with 2 Bow	ILME GmbH	2332565	=100/6.7	CHI 10
=100+S-XSBT2	1	Plug housing M20 red	ILME GmbH	2332604	=100/6.7	MHOR 10.20
=100+S-XSBT2	1	Pin insert 10-pol +PE 16A max, 500V	ILME GmbH	2302911	=100/6.7	CSEM 10
=100+S-XSBT2.	1	Plug housing M20 with Bolt for 2 Bow	ILME GmbH	2302913	=100/6.7	MHO 10.20
=100+S-XSBT2.	1	Pin insert 10-pol +PE 16A max, 500V	ILME GmbH	2302911	=100/6.7	CSEM 10
=100-D1	1	Switchgear 24 v 3NO+1NC	Pilz GmbH & Co.	M10015065	=100/6.1.4	PNOZ X4
=100-0F2	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.1	31 295
=100-0F2	1	Fuse link size 10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/7.1	31 247
=100-KN1	1	Auxiliary relay sirius 2NO+2NC 24VDC, Cage Clamp	Siemens	2256202	=100/7.1	3RH2122-2BB40
=100-KN2	1	Auxiliary relay sirius 2NO+2NC 24VDC, Cage Clamp	Siemens	2256202	=100/7.2	3RH2122-2BB40
=100-0F3	1	Automatic circuit breaker one-pole type c 6A 400V AC/220V DC	Siemens	M10019164	=100/7.3	5SY6 106-7

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-0F3	1	Auxiliary switch 1no 1nc for ls-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	Contacto, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/7.3	3RT2016-2BB41
=100-0K1	1	Auxiliary switch block 2NO+2NC Cage-Clamp-Connection	Siemens	2255490	=100/7.3	3RH2911-2FA22
=100-GF2	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.5	31 295
=100-GF2	1	Fuse link size 10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/7.5	31 249
=100+M-1H2	1	Back-up warning 24V DC	Bosch	A65	=100/7.6	A65
=100-0F4	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.6	31 295
=100-0F4	1	Fuse link size 10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/7.6	31 247
=100+M-00H2	1	Siren 24v dc, 0,5a	Funke+Huster GmbH	M10011815	=100/7.7	KS 24
=100+M-00H3	1	Flash light AC/DC 24V	Telemecanique	XVB L6B5AB	=100/7.8	XVB L6B5AB
=100-1P1	1	Ammeter 500/1000/5a	Langer Messtechnik GmbH	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 32 500/5A	Langer Messtechnik GmbH	M00000009	=100/8.3	TAC 32 500/5A
=100-1K0	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/8.6	ZEV
=100-1K0	1	Current sensor 40-820a	Klöckner Moeller	M10019256	=100/8.6	ZEV-XSW-820
=100-1K0	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 800mm	Moeller	M10019257	=100/8.6	ZEV-XVK-80
=100-1KC1	1	Motor contactor, 90kw/400v 3H, 2S+2NC, 110-127V AC/DC, with Varistor	Siemens	M10020791	=100/9.1	3RT10 56-2AF36
=100-1KC1	2	Connection over for Contactors SIZE. S6	Siemens	3RT19 56-4EA1	=100/9.1	3RT19 56-4EA1
=100-1KT1	1	Time-delay relay 24V DC/AC,100...127V AC 1NO+1NO delayed, Cage Clamp	Siemens	3RP15 76-2NQ30	=100/9.3	3RP15 76-2NQ30
=100-1KC2	1	Motor contactor, 90kw/400v 3H, 2S+2NC, 110-127V AC/DC, with Varistor	Siemens	M10020791	=100/9.4	3RT10 56-2AF36
=100-1KC2	2	Connection over for Contactors SIZE. S6	Siemens	3RT19 56-4EA1	=100/9.4	3RT19 56-4EA1
=100-1KC3	1	Motor contactor, 75kw/400v 3H, 2S+2NC, 110-127V AC/DC, with Varistor	Siemens	M10020792	=100/9.6	3RT10 55-2AF36
=100-1KC3	2	Connection over for Contactors SIZE. S6	Siemens	3RT19 56-4EA1	=100/9.6	3RT19 56-4EA1
=100-1KC3	1	Parallel connection for Contactors SIZE. S6	Siemens	3RT19 56-4BA31	=100/9.6	3RT19 56-4BA31
=100-2Q1	1	Circuit breaker 4,5-6,3a with auxiliary switch,for motor protecting	Siemens	2255703	=100/10.1	3RV2011-1GA15
=100-2Q1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/10.1	SV 9342.310
=100-2Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/10.1	SV 9342.850
=100-2F1	1	Automatic circuit breaker three-pole type c 25A 240V AC/60V DC	Siemens	5SJ4325-7HG41	=100/10.4	5SJ4325-7HG41
=100-2F1	1	Auxiliary switch 1no 1nc for 5SJ LS-Switch T=70mm	Siemens	5ST3010-OHG	=100/10.4	5ST3010-OHG
=100-2F1	1	OM Adaptor 32A,690V	Rittal GmbH & Co. KG	2196715	=100/10.4	SV 9340.460
=100-3Q1	1	Circuit breaker 11-16a with auxiliary switch,for motor protecting	Siemens	2255713	=100/10.7	3RV2011-4AA15
=100-3Q1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/10.7	SV 9342.310
=100-3Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/10.7	SV 9342.850
=100-3X1	1	Einbauschukosteckdose Typ: ME 520R7W 5-Pol 480V/20A	Mennekes	60336MZ	=100/10.7	60336MZ
=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	OM Adaptor 65A, 690V	Rittal GmbH & Co. KG	2196712	=100/11.1	SV 9340.410
=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
=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,for motor protecting	Siemens	2255708	=100/11.4	3RV2011-1JA15
=100-5Q1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/11.4	SV 9342.310
=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,for motor protecting	Siemens	2255708	=100/11.7	3RV2011-1JA15
=100-5Q2	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/11.7	SV 9342.310

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=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	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	Moeller	M10013728	=100/11.8	ZEV-XVK-20
=100-6Q1	1	Circuit breaker 9-12,5a	Siemens	2255711	=100/12.1	3RV2011-1KA15
=100-6Q1	1	Connection adaptor	Rittal GmbH & Co. KG	2196964	=100/12.1	SV 9342.310
=100-6Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/12.1	SV 9342.850
=100-7F1	1	Automatic circuit breaker three-pole type c	Siemens	5SJ4363-7HG41	=100/12.4	5SJ4363-7HG41
=100-7F1	1	Auxiliary switch 1no 1nc	Siemens	5ST3010-OHG	=100/12.4	5ST3010-OHG
=100-7F1	1	OM Adaptor	Rittal GmbH & Co. KG	2196712	=100/12.4	SV 9340.410
=100-7K0	1	Electronic motor protection relay	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	Moeller	M10013728	=100/12.5	ZEV-XVK-20
=100-9Q1	1	Circuit breaker 7-10a	Siemens	2255708	=100/13.1	3RV2011-1JA15
=100-9Q1	1	Connection adaptor	Rittal GmbH & Co. KG	2196964	=100/13.1	SV 9342.310
=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	Siemens	2255703	=100/13.3	3RV2011-1GA15
=100-10Q1	1	OM Adaptor	Rittal GmbH & Co. KG	M10025431	=100/13.3	SV 9340.510
=100-10Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/13.3	SV 9342.850
=100-13Q1	1	Circuit breaker 0,28-0,4a	Siemens	2255735	=100/13.6	3RV2011-0EA15
=100-13Q1	1	Connection adaptor	Rittal GmbH & Co. KG	2196964	=100/13.6	SV 9342.310
=100-8Q1	1	Control switch 4-pol	Moeller	M10013874	=100/14.1	T3-4-8223/E
=100-8A1	1	Frequency converter	Control Techniques	M20000268	=100/14.2	SK 2403
=100-8F1	1	Automatic circuit breaker three-pole type c	Siemens	5SJ4335-7HG41	=100/14.2	5SJ4335-7HG41
=100-8F1	1	Auxiliary switch 1no 1nc	Siemens	5ST3010-OHG	=100/14.2	5ST3010-OHG
=100-8F1	1	OM Adaptor	Rittal GmbH & Co. KG	2196715	=100/14.2	SV 9340.460
=100-8L1	1	Line reactor	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	Siemens	2255404	=100/14.2	3RU2116-1JC1
=100-8F3	1	Overload relay 7-10a, 1no+1nc	Siemens	2255404	=100/14.4	3RU2116-1JC1
=100-RB	1	Frame resistance SP	Control Techniques	M10020877	=100/14.7	SP
=100-8K0	1	Thermal machine protection, 2 led	Siemens	M10014273	=100/15.3	3RN10 10-2CB00
=100-SC	1	Handle 2 switch positions,	Siemens	M10021302	=100/17.1	3SB32 02-2KA11-0CC0
=100-SC	1	Tag holder	Siemens	3SB39 25-0AV	=100/17.1	3SB39 25-0AV
=100-SC	1	IVS-TOP HAT RAIL ADAPTOR	Klöckner Moeller	M10018771	=100/17.1	M22-IVS
=100-A0_OP	1	Operator panel	VIPA GmbH	M10019119	=100/17.2	OP 03 603-10P00
=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
=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	VIPA GmbH	M10020750	=100/17.2	VIPA 214-1BA02
=100-A0_CPU	1	Bus connector 2-fold	VIPA GmbH	290-OAA20	=100/17.2	290-OAA20
=100-A0_CPU	1	Bus connector 8-fold	VIPA GmbH	290-OAA80	=100/17.2	290-OAA80
=100-A0_2	1	In-/output module sm 238	VIPA GmbH	M10020887	=100/17.2	SM 238-2BC00
=100-A0_3	1	Digital output module sm 222	VIPA GmbH	M10021058	=100/17.3	SM 222-1BH10
=100-A0_4	1	Digital input module sm 221	VIPA GmbH	M10021059	=100/17.4	SM 221-2BL10
=100-A0_5	1	Digital input module sm 221	VIPA GmbH	M10021059	=100/17.5	SM 221-2BL10
=100-A0_6	1	Digital output module sm 222	VIPA GmbH	M10021060	=100/17.6	SM 222-2BL10
=100-1K1	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/22.1	788-312
=100-1K08	1	Contact, 3kw/400V	Siemens	2256180	=100/22.5	3RT2015-2BB41
=100-2KC1	1	Contact, 3kw/400V	Siemens	2256178	=100/23.1	3RT2015-2BB42
=100-2KC2	1	Contact, 3kw/400V	Siemens	2256178	=100/23.2	3RT2015-2BB42

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=100-3KC1	1	Contacteur, 5,5kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/23.3	3RT2017-2BB41
=100-2KC3	1	Contacteur, 11kw/400V 3H 1S+1NC 24V DC, Cage-Clamp	Siemens	2256200	=100/23.4	3RT2026-2BB40
=100-4KC1	1	Contacteur 15kw/400V 3H 1S+1NC, 24V DC, without Varistor,	Siemens	2268888	=100/23.5	3RT2027-2BB40
=100-5KC1	1	Contacteur, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.6	3RT2016-2BB41
=100-5KC2	1	Contacteur, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.7	3RT2016-2BB41
=100-6KC1	1	Contacteur, 5,5kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/23.8	3RT2017-2BB41
=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 3SB39 25-0AV	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 3SB39 25-0AV	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 3SB39 25-0AV	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 3SB39 25-0AV	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 3SB39 25-0AV	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	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/24.6	3SB39 21-0BA
=100-2S2	1	Tag holder 3SB39 25-0AV	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 3SB39 25-0AV	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 3SB39 25-0AV	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 3SB39 25-0AV	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
=100-5S1	1	Tag holder 3SB39 25-0AV	Siemens	3SB39 25-0AV	=100/25.2	3SB39 25-0AV
=100-6S1	1	Illuminated push button green, led integrated flat push button 1no, uc 24v	Siemens	M10020706	=100/25.3	3SB32 45-0AA41-0CC0
=100-6S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.3	3SB39 21-0AH
=100-6S1	1	Tag holder 3SB39 25-0AV	Siemens	3SB39 25-0AV	=100/25.3	3SB39 25-0AV
=100-7S1	1	Illuminated push button green, led integrated flat push button 1no, uc 24v	Siemens	M10020706	=100/25.4	3SB32 45-0AA41-0CC0
=100-7S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.4	3SB39 21-0AH
=100-7S1	1	Tag holder 3SB39 25-0AV	Siemens	3SB39 25-0AV	=100/25.4	3SB39 25-0AV
=100-8S1	1	Illuminated push button green, led integrated flat push button 1no, uc 24v	Siemens	M10020706	=100/25.5	3SB32 45-0AA41-0CC0
=100-8S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.5	3SB39 21-0AH
=100-8S1	1	Tag holder 3SB39 25-0AV	Siemens	3SB39 25-0AV	=100/25.5	3SB39 25-0AV
=100-10S1	1	Illuminated push button green, led integrated flat push button 1no, uc 24v	Siemens	M10020706	=100/25.7	3SB32 45-0AA41-0CC0
=100-10S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.7	3SB39 21-0AH
=100-10S1	1	Tag holder 3SB39 25-0AV	Siemens	3SB39 25-0AV	=100/25.7	3SB39 25-0AV
=100-9S1	1	Illuminated push button green, led integrated flat push button 1no, uc 24v	Siemens	M10020706	=100/26.4	3SB32 45-0AA41-0CC0

DATE		04.Dez.2015		KLEEMANN GMBH		 		PART'S LIST		KLEEMANN SERIES		K007		= STK		+	
EDITED		JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 12	
CONTR.		D. MALLKOWSKY														PG. 14	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

Part's list

TPLSTK02 02.04.2003

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-9S1	1	Protecting cap for Push button flat	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 for Push button flat	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, black, 1nc, 1nc	Siemens	M10021301	=100/29.7	3SB32 10-2EA11-0CC0
=100+-8S	1	Protecting cap for Handle	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	Contacto 15kw/400V	Siemens	2268888	=100/32.1	3RT2027-2BB40
=100-8KC1	1	Contacto 15kw/400V	Siemens	2268888	=100/32.2	3RT2027-2BB40
=100-9KC1	1	Contacto, 5,5kw/400V	Siemens	2256190	=100/32.3	3RT2017-2BB41
=100-10KC1	1	Contacto, 3kw/400V	Siemens	2256180	=100/32.4	3RT2015-2BB41
=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
=100-0H6	1	Signal lamp blue, with smooth lens	Siemens	3SB32 44-6AA50-0CC0	=100/33.8	3SB32 44-6AA50-0CC0
=100-0H6	1	Tag holder	Siemens	3SB39 25-0AV	=100/33.8	3SB39 25-0AV
=100-0H2	1	Signal lamp white, with smooth lens	Siemens	3SB32 44-6AA60-0CC0	=100/34.2	3SB32 44-6AA60-0CC0
=100-0H2	1	Tag holder	Siemens	3SB39 25-0AV	=100/34.2	3SB39 25-0AV
=100-0H2.1	1	Signal lamp white, with smooth lens	Siemens	3SB32 44-6AA60-0CC0	=100/34.3	3SB32 44-6AA60-0CC0
=100-0H2.1	1	Tag holder	Siemens	3SB39 25-0AV	=100/34.3	3SB39 25-0AV
=100-LS1	1	Base for relay lzx:mt32...	Siemens	M10010285	=100/36.1	LZX:MT78750
=100-LS1	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/36.1	3SB32 02-2KA11-0CC0
=100-LS1	1	Protecting cap for Handle	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-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-GA1	1	Key-operated device	AVS Aggregatebau	M10011598	=100/37.1	K26MUE_KSE_72
=100-GK1	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.1	788-312
=100-GK6	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.2	788-312
=100-GK61	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.6	788-312
=100-GK9	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.7	788-312
=100-GK9.1	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.8	788-312
=100-P5	1	Operating hour meter 12 - 48V DC	ABB AG	M10011841	=100/38.1	E233-12/48
=100-GP1	1	Fuel level electric, round d=64 mm	Motometer	609 005 1002	=100/38.2	609 005 1002
=100-GK26	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/38.4	788-312
=100-GKT1	1	Time-delay relay with led	Siemens	M10014285	=100/38.5	3RP15 25-2AP30
=100-GKT2	1	Time-delay relay with led	Siemens	M10014285	=100/38.8	3RP15 25-2AP30
=100-GS2	1	Push button black	Siemens	2219477	=100/39.6	3SB32 02-0AA11-0CC0
=100-GS2	1	Tag holder	Siemens	3SB39 25-0AV	=100/39.6	3SB39 25-0AV
=100-GS2	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/39.6	3SB39 21-0AH
=100-GH1	1	Signal lamp yellow,round	Hella	2AA 003 257-031	=100/39.7	2AA 003 257-031
=100-GH1	1	Incandescent lamp, transparent BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.7	BA 7S 81552
=100-GH1	1	Tag holder	Siemens	3SB39 25-0AV	=100/39.7	3SB39 25-0AV
=100-GH2	1	Signal lamp yellow,round	Hella	2AA 003 257-031	=100/39.7	2AA 003 257-031
=100-GH2	1	Incandescent lamp, transparent BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.7	BA 7S 81552
=100-GH2	1	Tag holder	Siemens	3SB39 25-0AV	=100/39.7	3SB39 25-0AV
=100-GH3	1	Signal lamp red, round	Hella	2AA 003 257-001	=100/39.8	2AA 003 257-001
=100-GH3	1	Incandescent lamp, transparent BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.8	BA 7S 81552
=100-GH3	1	Tag holder	Siemens	3SB39 25-0AV	=100/39.8	3SB39 25-0AV

DATE		04.Dez.2015		KLEEMANN GMBH		 		PART'S LIST		KLEEMANN SERIES		K007		= STK		+	
EDITED		JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 13	
CONTR.		D. MALLKOWSKY														PG. 14	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

