



## ELECTRO - DOCUMENTATION

TYPE OF MACHINE : MOBICAT MC 120 Z US  
KLEEMANN SERIES : K007  
KLEEMANN MATERIAL NO : 2315435

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  
2307618\_00*

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			DATE	22.Mär.2012	KLEEMANN GMBH			 	DECKBLATT/ COVER SHEET	KLEEMANN SERIES	K007	= A0	+
			EDITED	JHE	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG. 1
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					EPLAN 5.70	PG. 19

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A0		4	INHALTSVERZEICHNIS/ TABLE OF CONTENTS		04.Dez.2015	JHE
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100		8	BRECHER 1/ CRUSHER 1		04.Dez.2015	HV
100		9	STRG. BRECHER 1/ CONTROL. CRUSHER 1		04.Dez.2015	HV
100		10	MOTOREN/ DRIVES		04.Dez.2015	HV
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100		20	DIGITALE EINGAENGE E124.0-E124.7/ DIGITAL INPUTS E124.0-E124.7		04.Dez.2015	HV
100		21	DIGITALE EINGAENGE E125.0-E125.7/ DIGITAL INPUTS E125.0-E125.7		04.Dez.2015	HV
100		22	DIGITALE AUSGAENGE A 124.0 - A 124.7/ DIGITAL OUTPUTS A 124.0 - A 124.7		04.Dez.2015	HV

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EDITED		JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2315435		CAE-SYSTEM: EPLAN 5.70		PG. 2	
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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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100		36	LICHTSCHRANKE BRECHER/ LIGHT BARRIER CRUSHER		04.Dez.2015	HV
100		37	MOTORUEBERWACHUNG/ MOTOR CONTROLLING		04.Dez.2015	HV
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KLE		1	KLEMMENLEISTENUEBERSICHT/ TERMINAL STRIP OVERVIEW		13.Mai.2013	PC1
KLE		2	STECKERUEBERSICHT/ PLUG OVERVIEW		13.Mai.2013	PC1
KLE		10	KLEMMENLEISTE -X0/ TERMINAL STRIP -X0		18.Nov.2014	JHE
KLE		11	KLEMMLEISTE -X1/ TERMINAL STRIP -X1		18.Nov.2014	JHE
KLE		12	KLEMMLEISTE -X1/ TERMINAL STRIP -X1		18.Nov.2014	JHE
KLE		13	KLEMMENLEISTE -X3/ TERMINAL STRIP -X3		18.Nov.2014	JHE
KLE		14	KLEMMLEISTE -X6/ TERMINAL STRIP -X6		18.Nov.2014	JHE
KLE		15	KLEMMENLEISTE -X8/ TERMINAL STRIP -X8		18.Nov.2014	JHE
KLE		16	KLEMMENLEISTE -X00/ TERMINAL STRIP -X00		18.Nov.2014	JHE
KLE		17	KLEMMENLEISTE -X00/ TERMINAL STRIP -X00		18.Nov.2014	JHE
KLE		18	KLEMMLEISTE -X22/ TERMINAL STRIP -X22		18.Nov.2014	JHE

DATE		04.Dez.2015		KLEEMANN GMBH		 	INHALTSVERZEICHNIS/ TABLE OF CONTENTS		KLEEMANN SERIES K007		= A0		+	
EDITED		JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2315435		CAE-SYSTEM: EPLAN 5.70		PG. 3	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 19		

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KLE		21	KLEMMENLEISTE -XG/ TERMINAL STRIP -XG		18.Nov.2014	JHE
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KLE		27	KLEMMENLEISTE -0X07/ TERMINAL STRIP -0X07		18.Nov.2014	JHE
KLE		28	KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG		18.Nov.2014	JHE
KLE		29	KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG		18.Nov.2014	JHE
KLE		30	STECKER -XOUT/ PLUG -XOUT		18.Nov.2014	JHE
KLE		31	STECKER -3X2/ PLUG -3X2		18.Nov.2014	JHE
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KLE		33	STECKER -4X2/ PLUG -4X2		18.Nov.2014	JHE
KLE		34	STECKER +M-XF1 PLUG +M-XF1		18.Nov.2014	JHE
KLE		35	STECKER +M-XS2/ PLUG +M-XS2		18.Nov.2014	JHE
KLE		36	STECKER +M-XS5/ PLUG +M-XS5		18.Nov.2014	JHE
KLE		37	STECKER +M-6X1/ PLUG +M-6X1		18.Nov.2014	JHE
KAB		1	KABELUEBERSICHT/ CABLE SURVEY		13.Mai.2013	PC1
KAB		2	KABELUEBERSICHT/ CABLE SURVEY		13.Mai.2013	PC1
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KAB		11	-03W2		13.Mai.2013	PC1
KAB		12	-06W1		13.Mai.2013	PC1
KAB		13	-06W2		13.Mai.2013	PC1
KAB		14	-06W3		13.Mai.2013	PC1
KAB		15	-06W4		13.Mai.2013	PC1
KAB		16	-06W5		13.Mai.2013	PC1
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KAB		22	-07W1		13.Mai.2013	PC1
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KAB		33	-12W2		13.Mai.2013	PC1
KAB		34	-12W3		13.Mai.2013	PC1
KAB		35	-12W4		13.Mai.2013	PC1
KAB		36	-13W1		13.Mai.2013	PC1
KAB		37	-13W2		13.Mai.2013	PC1
KAB		38	-13W3		13.Mai.2013	PC1
KAB		39	-14W1		13.Mai.2013	PC1
KAB		40	-14W3		13.Mai.2013	PC1
KAB		41	-36W1		13.Mai.2013	PC1
KAB		42	-36W2		13.Mai.2013	PC1
KAB		43	-37W1		13.Mai.2013	PC1
KAB		44	-37W2		13.Mai.2013	PC1
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STK		3	STUECKLISTE		04.Dez.2015	JHE
STK		4	STUECKLISTE		04.Dez.2015	JHE
STK		5	STUECKLISTE		04.Dez.2015	JHE
STK		6	STUECKLISTE		04.Dez.2015	JHE
STK		7	PART'S LIST		04.Dez.2015	JHE
STK		8	PART'S LIST		04.Dez.2015	JHE
STK		9	PART'S LIST		04.Dez.2015	JHE
STK		10	PART'S LIST		04.Dez.2015	JHE
STK		11	PART'S LIST		04.Dez.2015	JHE
STK		12	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

-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

-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

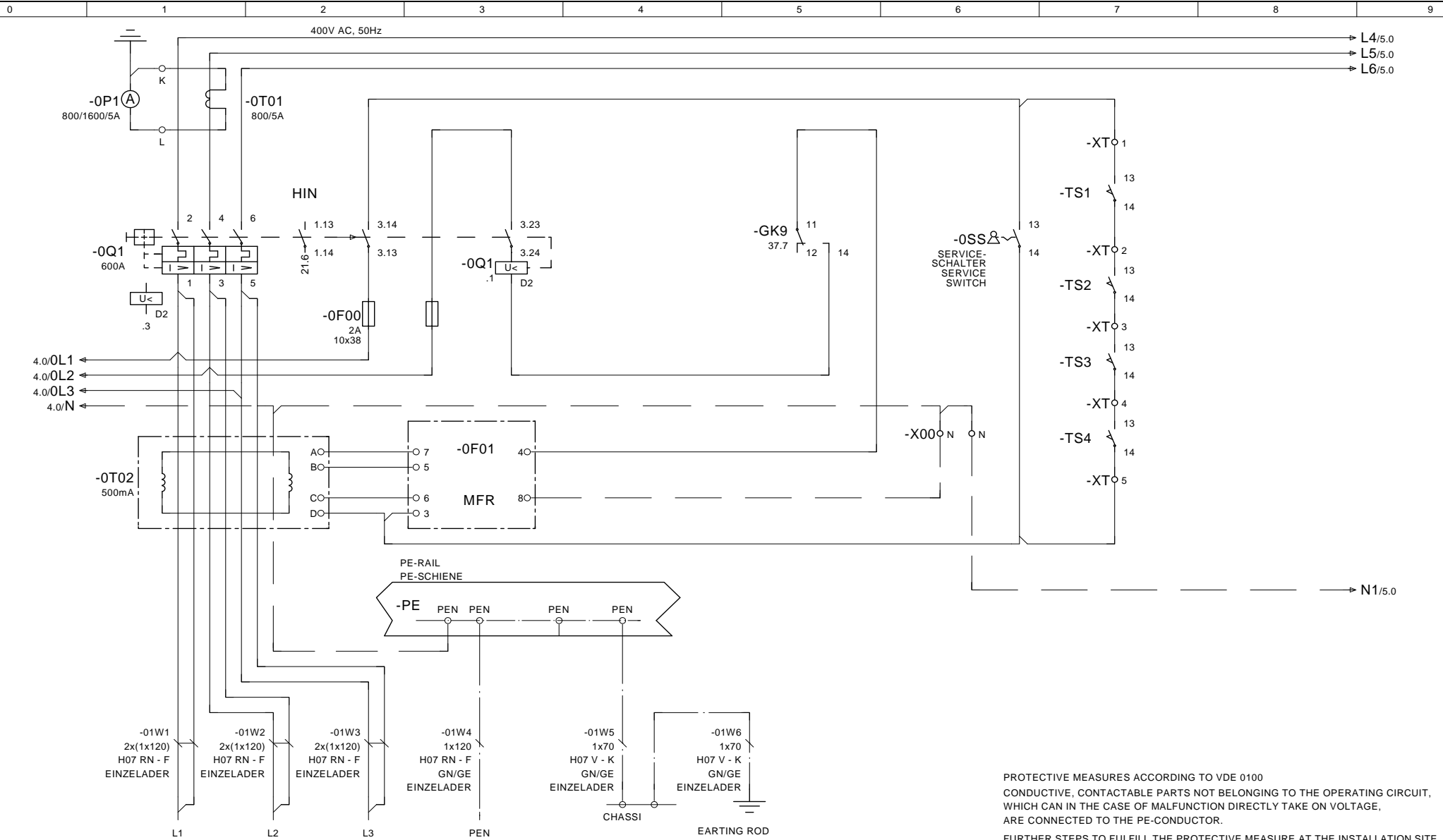
+M-XF1 = STECKER +M-XF1  
PLUG +M-XF1

+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	2315435	CAE-SYSTEM: EPLAN 5.70	PG.	19
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG.	19



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

=A0/19

DATE	04.Dez.2015	KLEEMANN GMBH	WIRTGEN GROUP	Kleemann	EINSPEISUNG/ INCOMING SUPPLY	KLEEMANN SERIES	K007	= 100	+	
EDITED	JBR					KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG.	1
CONTR.	D. MALLKOWSKY					MOBICAT MC 120 Z US	REP.T.	PG.	41	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			

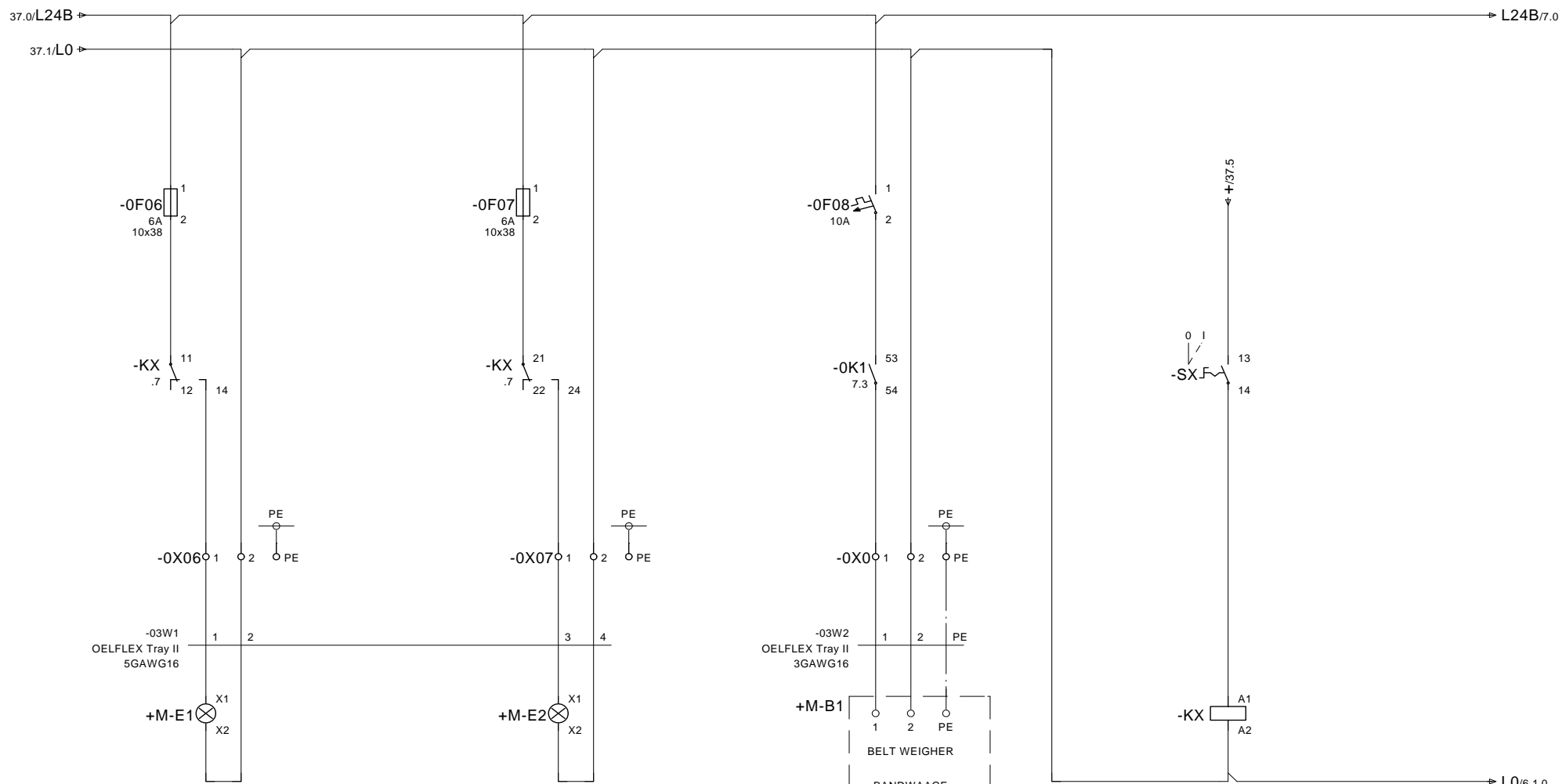


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1

3

			DATE	04.Dez.2015	KLEEMANN GMBH			 	RESERVE/ SPARE	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG. 41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						



ILLUMINATION 1  
BELEUCHTUNG 1

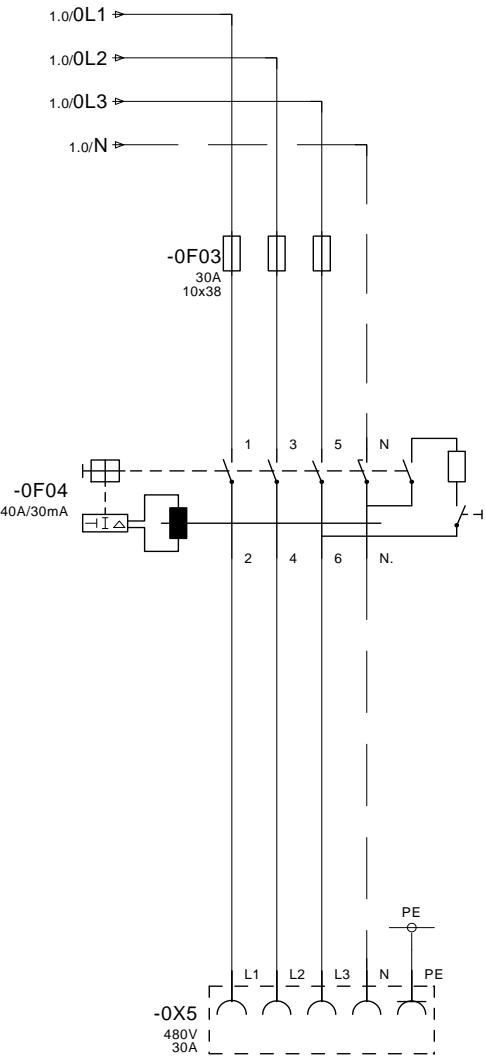
ILLUMINATION 2  
BELEUCHTUNG 2

BELT WEIGHER  
BANDWAAGE

WAGO 788-312  
14  
11  
24  
21

MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	BELEUCHTUNG UND BANDWAAGE/ ILLUMINATION AND BELT WEIGHER	KLEEMANN SERIES K007	= 100	+
									KLEEMANN MATERIAL NO 2315435	CAE-SYSTEM: EPLAN 5.70	PG. 41
											3



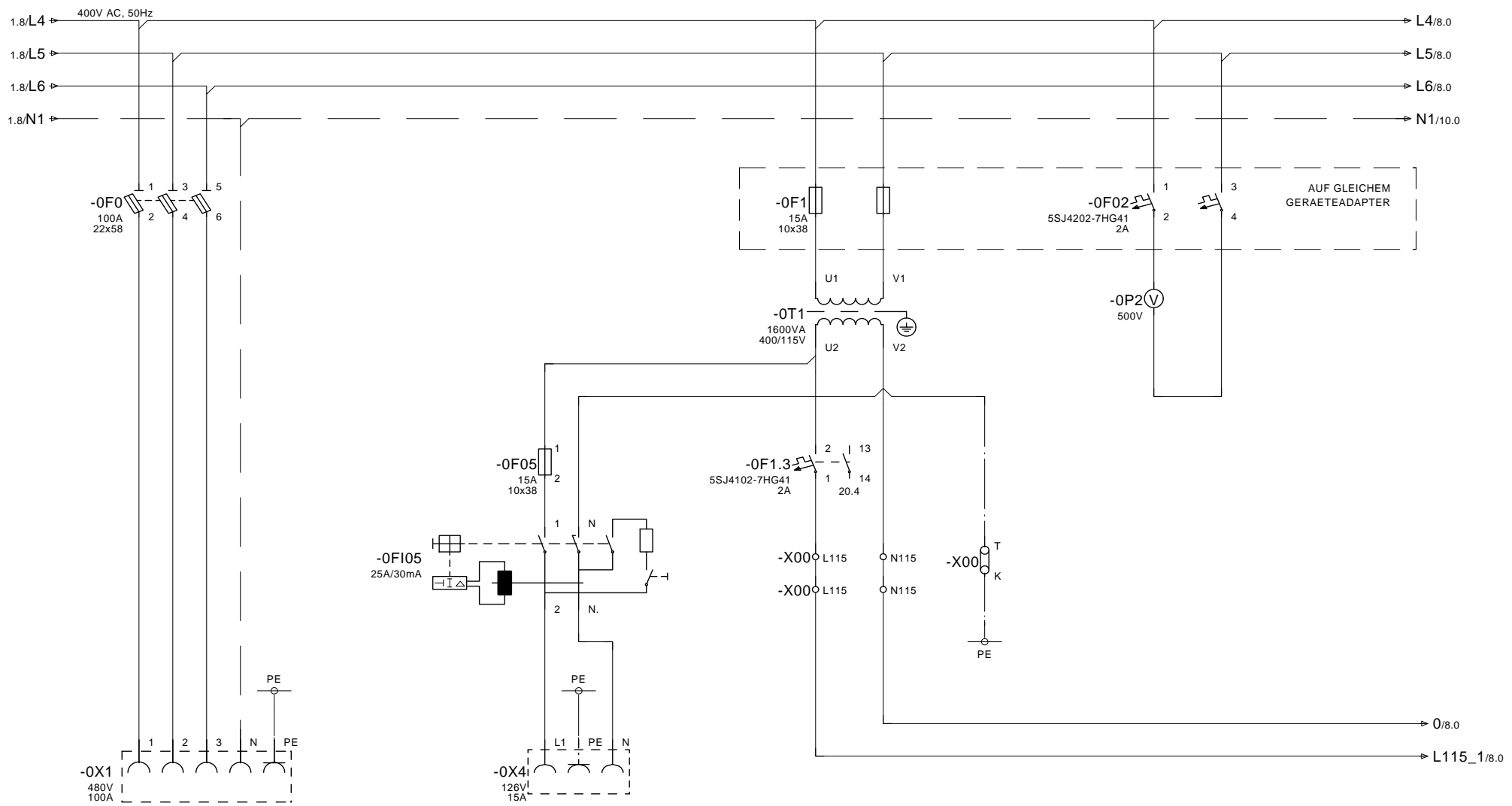


ACHTUNG! VOR HAUPTSCHALTER  
ATTENTION! BEFORE MAIN SWITCH

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	2315435	CAE-SYSTEM: EPLAN 5.70	PG. 41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						



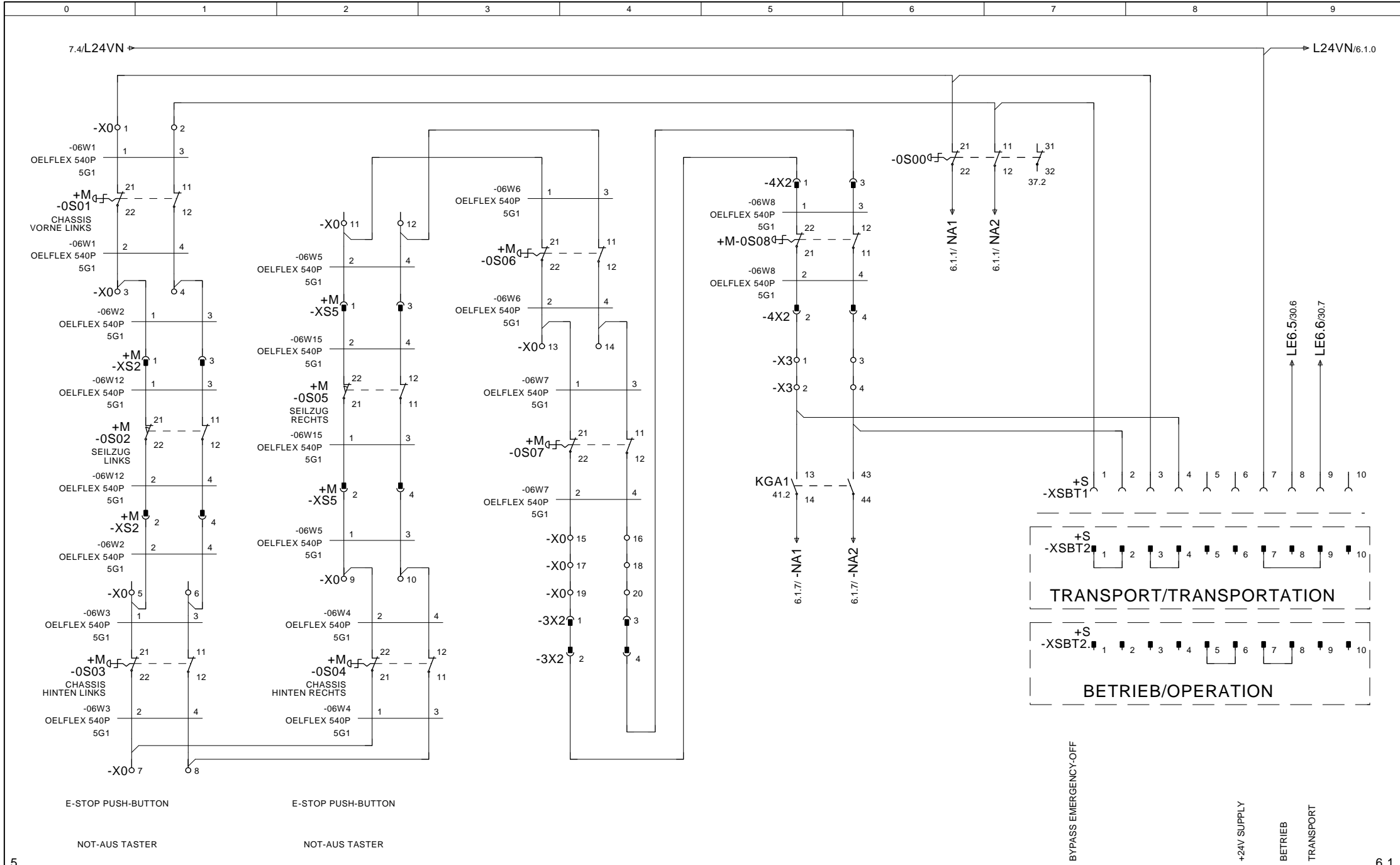
POWER SOCKET 100A

SOCKET 15A/115V

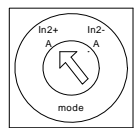
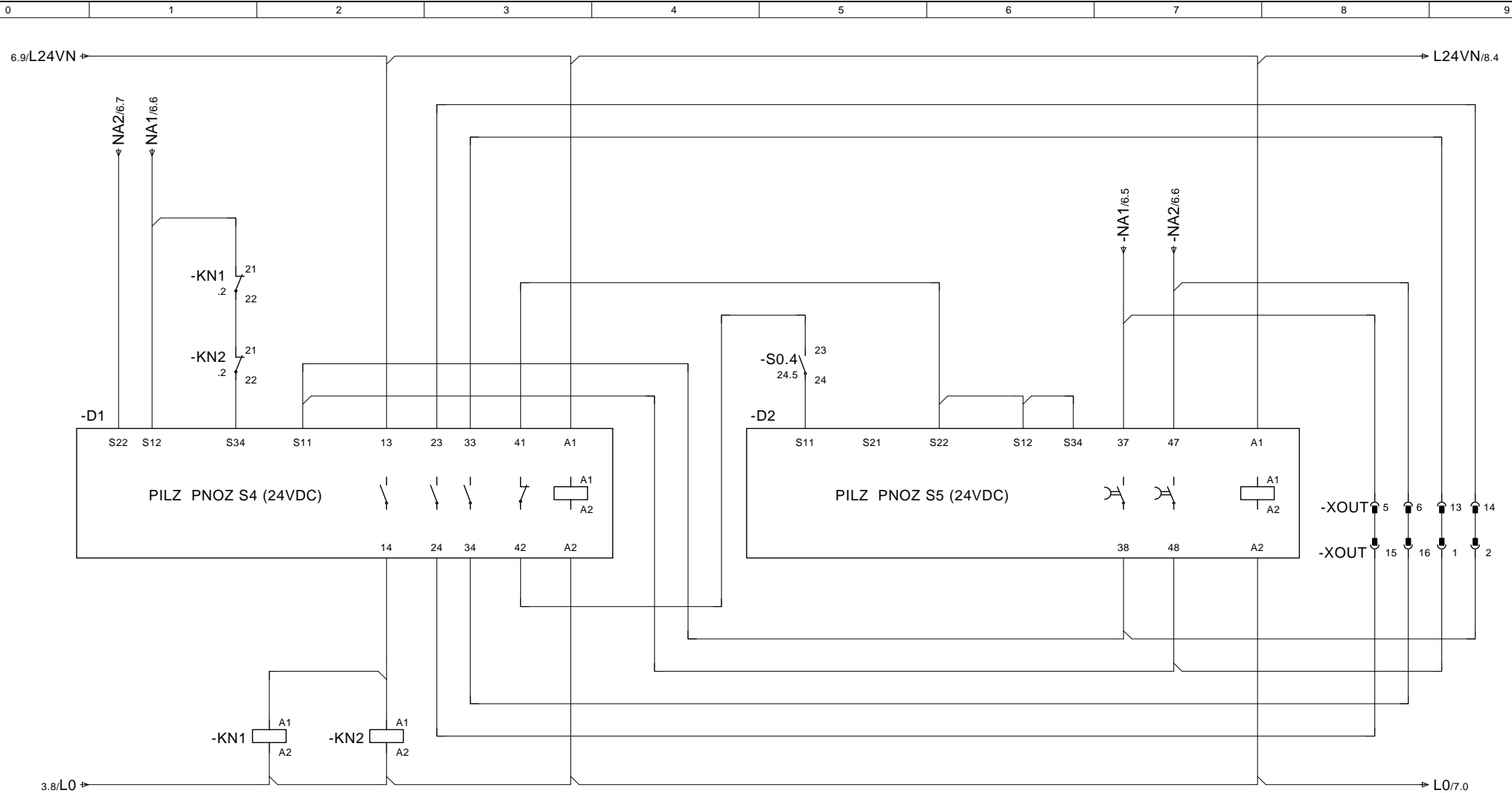
KRAFTSTECKDOSE 100A

STECKDOSE 15A/115V

		DATE	04.Dez.2015		KLEEMANN GMBH			 	STEUERSpannung/ CONTROL VOLTAGE	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG. 5
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 41	



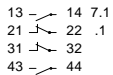
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EDITED		JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 6	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.								PG. 41	



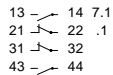
GERÄTEEINSTELLUNG -D1

INSTRUMENT SETTING -D1

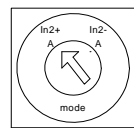
SIE 3RH2122-2BB40



SIE 3RH2122-2BB40

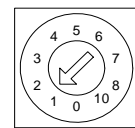
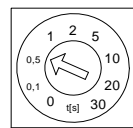


PNOZ S4

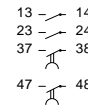


GERÄTEEINSTELLUNG -D2

INSTRUMENT SETTING -D2



PNOZ S5



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

KLEEMANN GMBH  
MOBICAT MC 120 Z US



NOT-AUS/  
EMERGENCY STOP

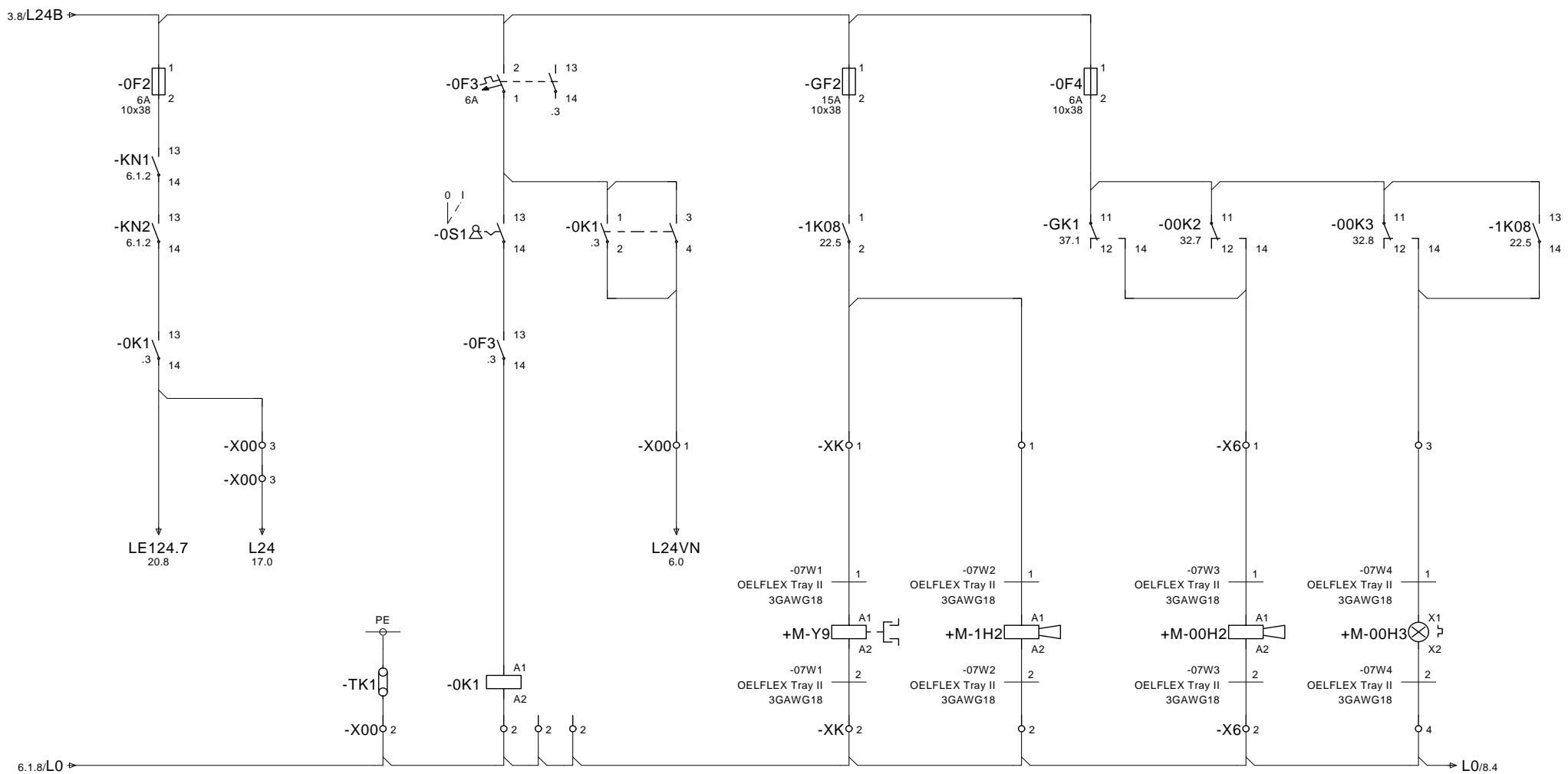
KLEEMANN SERIES K007

KLEEMANN MATERIAL NO 2315435

= 100

CAE-SYSTEM: EPLAN 5.70

PG. 6.1  
PG. 41



- SIE 3RT2016-2BB41  
3RH2911-2FA22
- 1 - 2 .4
  - 3 - 4 .4
  - 5 - 6 21.7
  - 13 - 14 .1
  - 53 - 54 3.5
  - 61 - 62
  - 71 - 72
  - 83 - 84

SUPPLY 24V  
AFTER EMERGENCY STOP

VERSORGUNG 24V  
NACH NOT-AUS

CONTROL VOLTAGE  
ON

STEUERSPANNUNG  
EIN

COUPLING

KUPPLUNG

RUN WARNING

FAHRWARNUNG

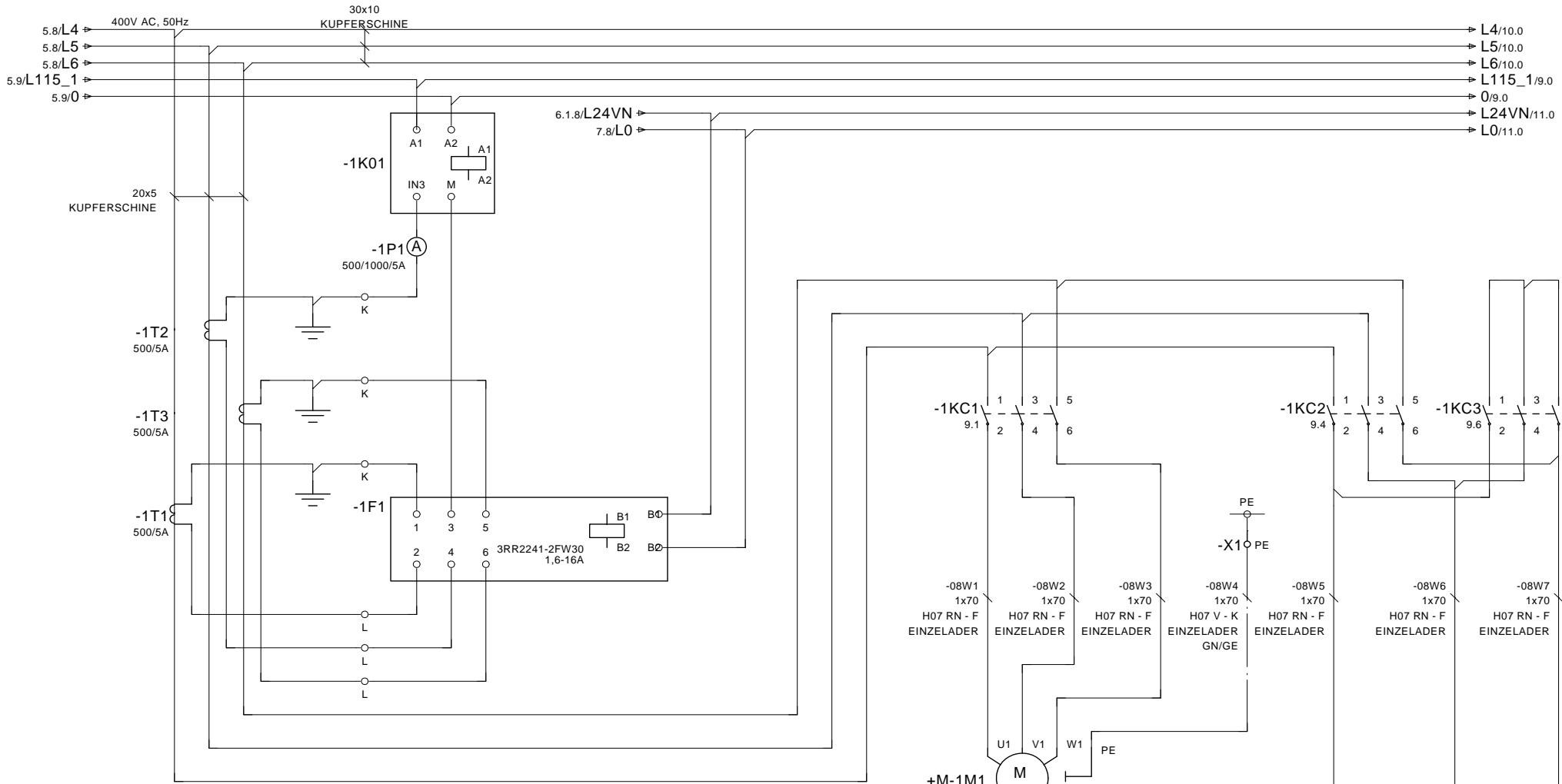
HOOTER

HUPE

FLASHING LIGHT

BLINKLICHT

		DATE	04.Dez.2015	KLEEMANN GMBH				VERSORGUNG 24V STEUERSPG/ SUPPLY 24V CONTROL VOLTAGE	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41	



MOTOR PROTECTION RELAY

MOTORSCHUTZRELAIS

CRUSHER 1

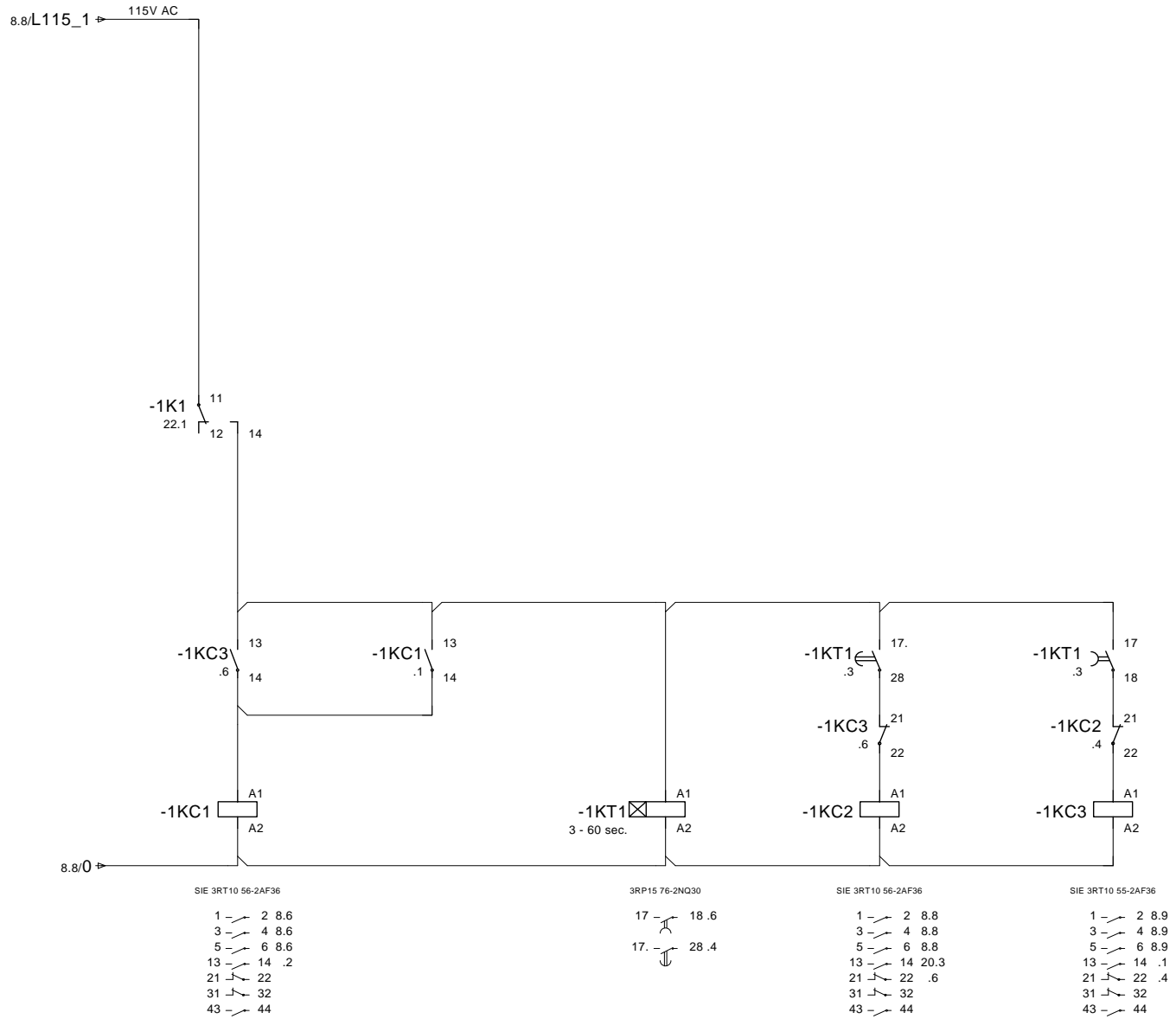
BRECHER 1

SIE 3UG46 22-2AW30  
 14 12 11 20.5

SIE 3RR2241-2FW30  
 34 32 31 20.6

		DATE	04.Dez.2015	KLEEMANN GMBH		<b>kleemann</b>	BRECHER 1/ CRUSHER 1	KLEEMANN SERIES	<b>K007</b>	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	<b>2315435</b>	CAE-SYSTEM: EPLAN 5.70
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41





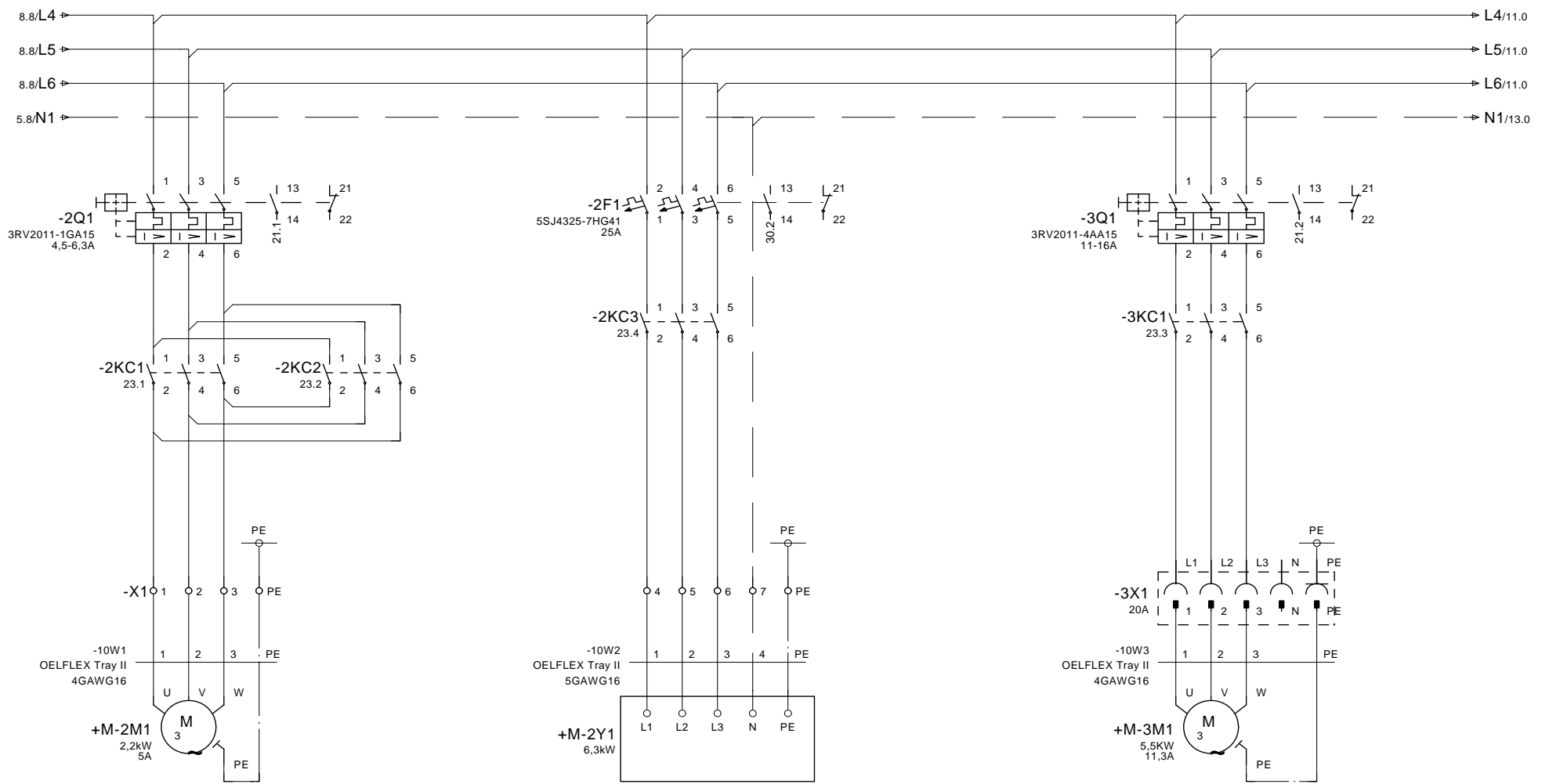
N

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	2315435	CAE-SYSTEM: EPLAN 5.70	PG. 41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						

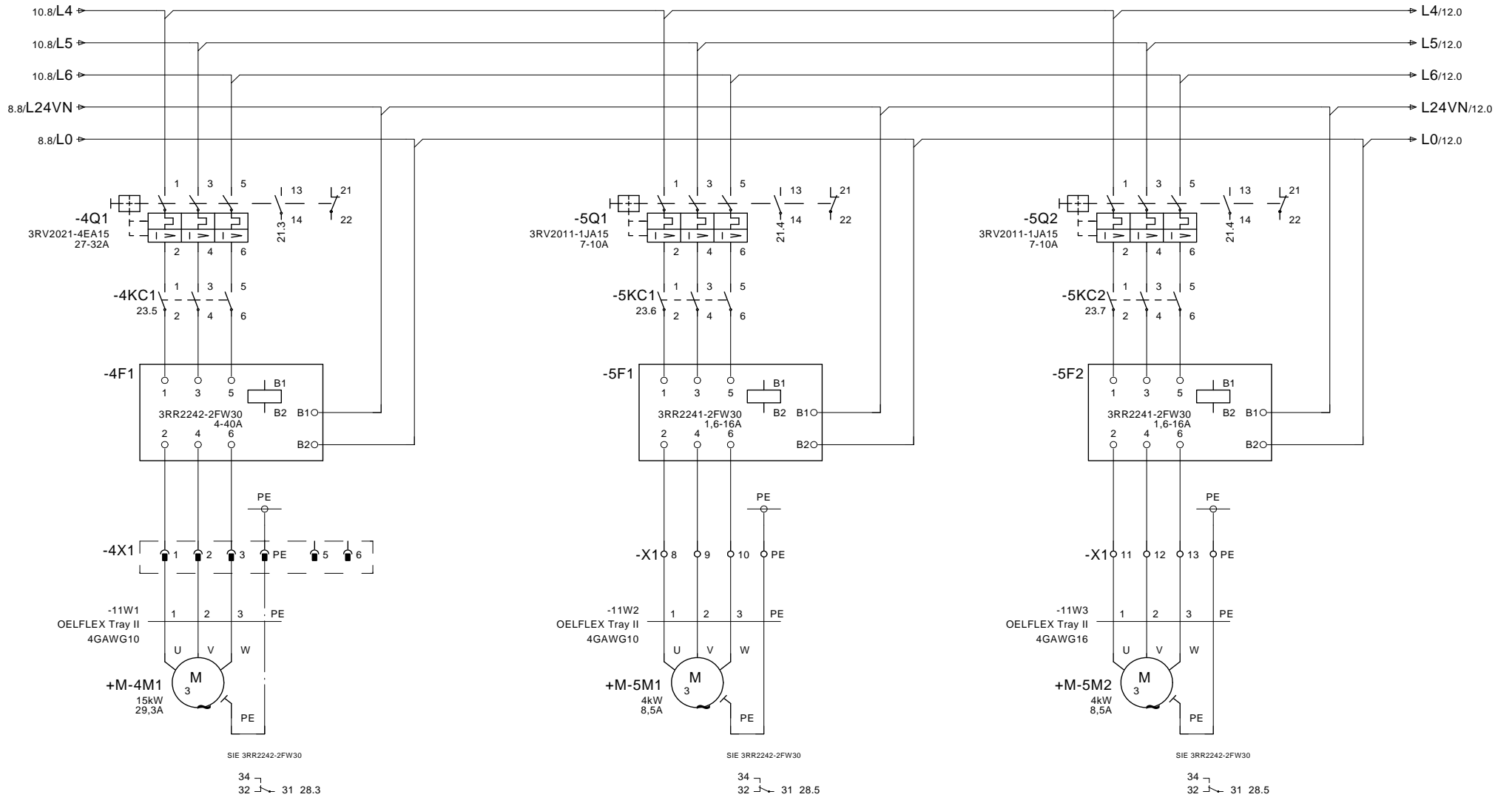


MAGNETIC BELT 2  
MAGNETBAND 2

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		2315435		CAE-SYSTEM:		EPLAN 5.70	
CONTR.		D. MALLKOWSKY				REP.T.								PG. 41	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								



CONVEYOR BELT 4

SHAKING CONVEYOR 5 BELOW

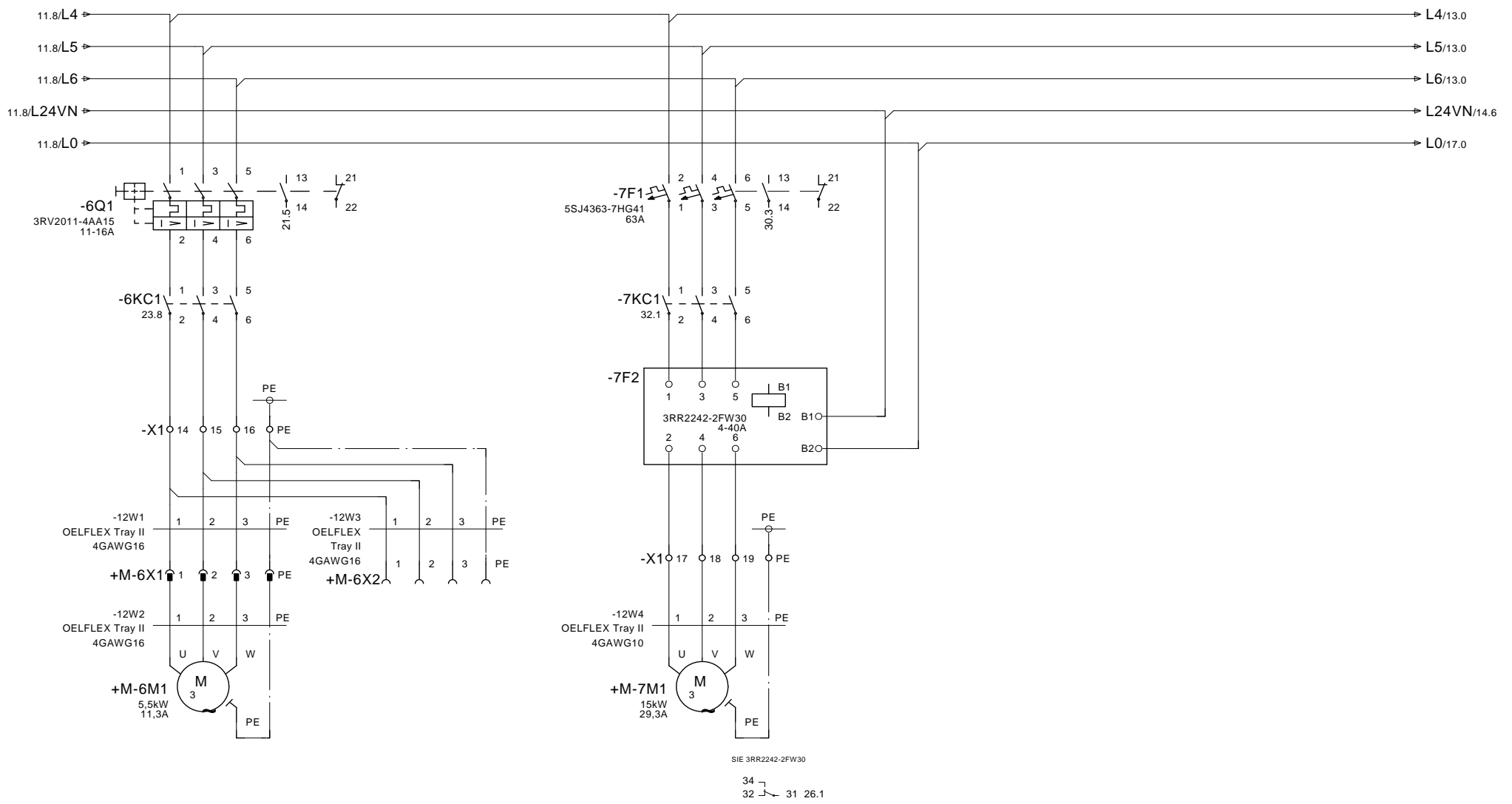
SHAKING CONVEYOR 5 TOP

FOERDERBAND 4

FOERDERRINNE 5 UNTEN

FOERDERRINNE 5 OBEN

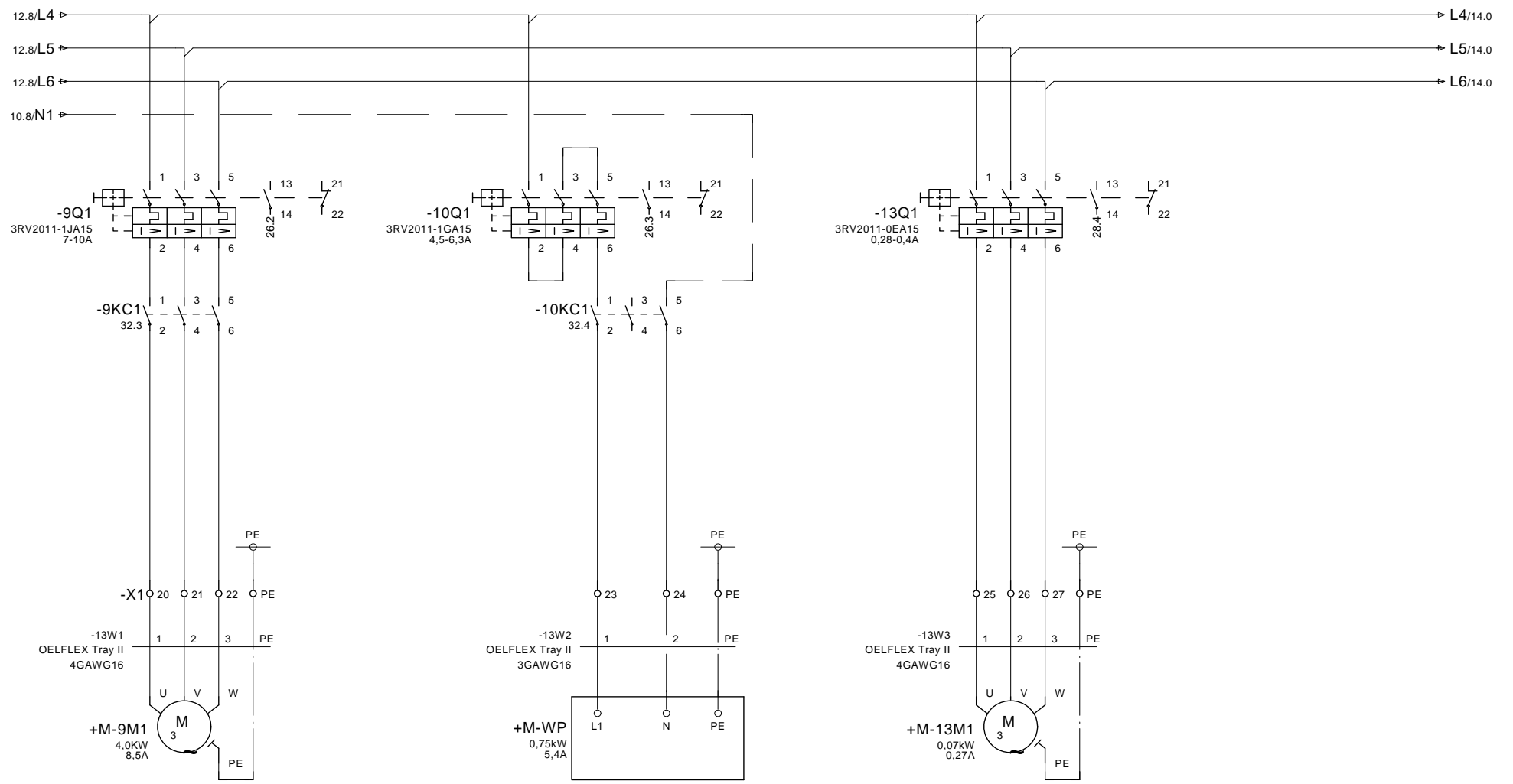
		DATE	04.Dez.2015	KLEEMANN GMBH			MOTOREN / DRIVES	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG. 11
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG. 41	



CONVEYOR BELT 6  
FOERDERBAND 6

VIBRATING SCREEN 7  
VIBRATIONSSIEB 7

		DATE	04.Dez.2015		KLEEMANN GMBH		 	MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	41

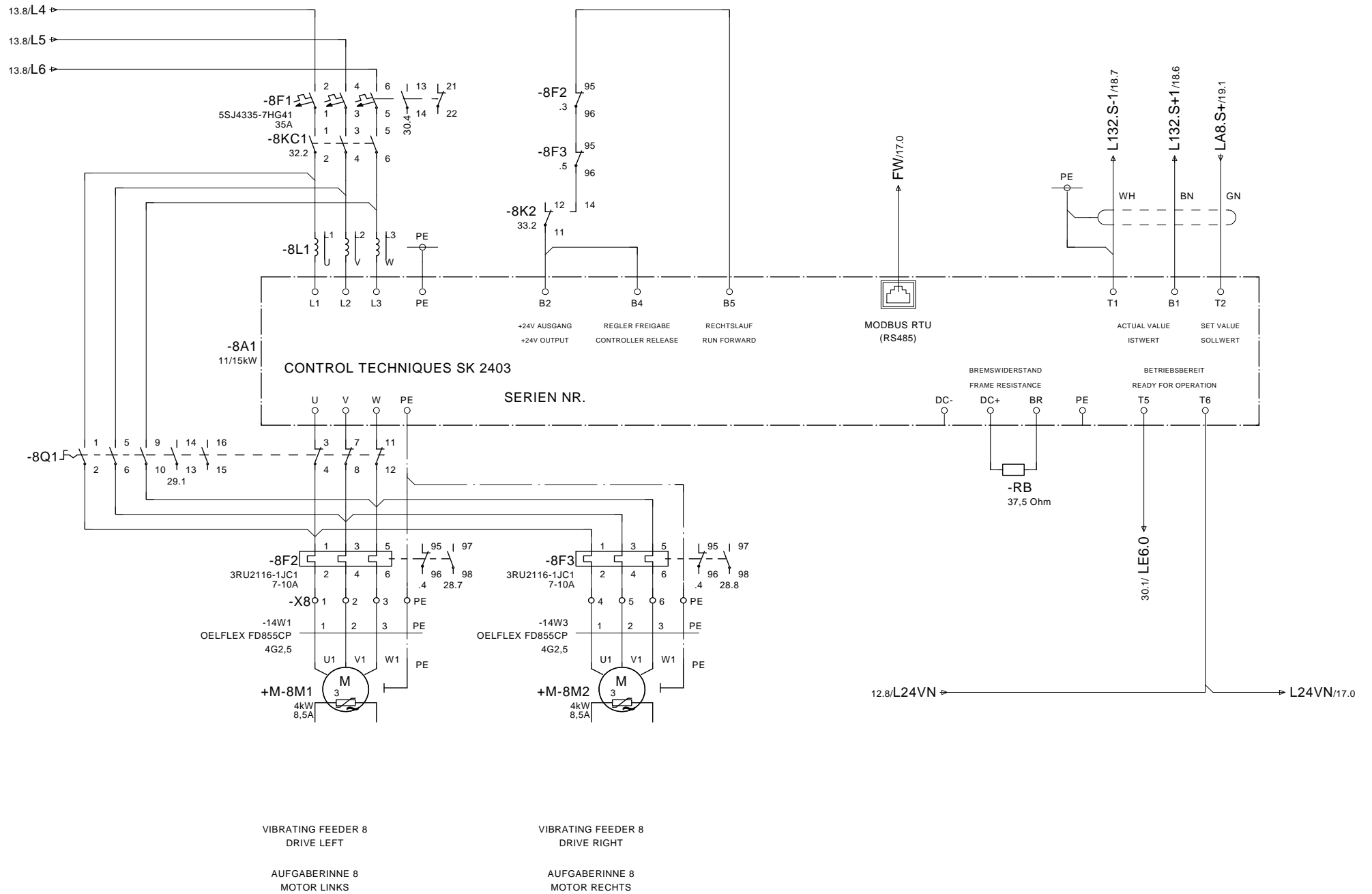


HYDRAULIC 9  
HYDRAULIK 9

WATERPUMP 10  
WASSERPUMPE 10

EXCESS PRESSURE FAN 1  
UEBERDRUCKGEBLAESE 1

DATE		04.Dez.2015		KLEEMANN GMBH		 	MOTOREN/ DRIVES	KLEEMANN SERIES		K007		= 100		+	
EDITED		JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 13	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 41			



VIBRATING FEEDER 8  
DRIVE LEFT

VIBRATING FEEDER 8  
DRIVE RIGHT

AUFGABERINNE 8  
MOTOR LINKS

AUFGABERINNE 8  
MOTOR RECHTS

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

KLEEMANN GMBH
MOBICAT MC 120 Z US



AUFGABERINNE 8 - POS. 2/  
VIBRATING FEEDER 8 - POS. 2

KLEEMANN SERIES K007

KLEEMANN MATERIAL NO 2315435

= 100

CAE-SYSTEM: EPLAN 5.70

+

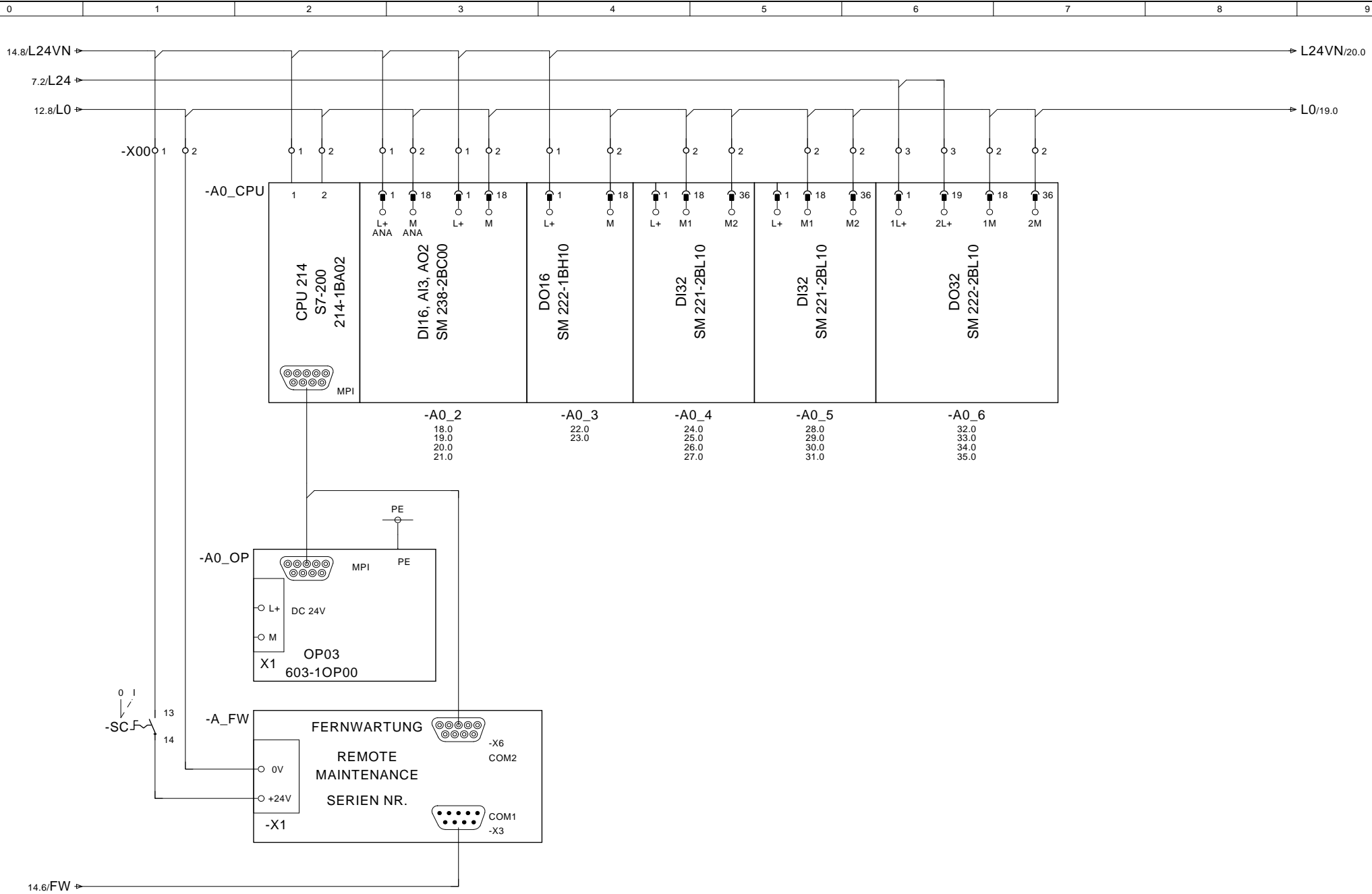
PG. 14  
PG. 41

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			2315435	CAE-SYSTEM: EPLAN 5.70	PG.	15
MODIFICAT.	DATE	NAME	NORM	DIN	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	2315435	CAE-SYSTEM: EPLAN 5.70	PG. 16
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41





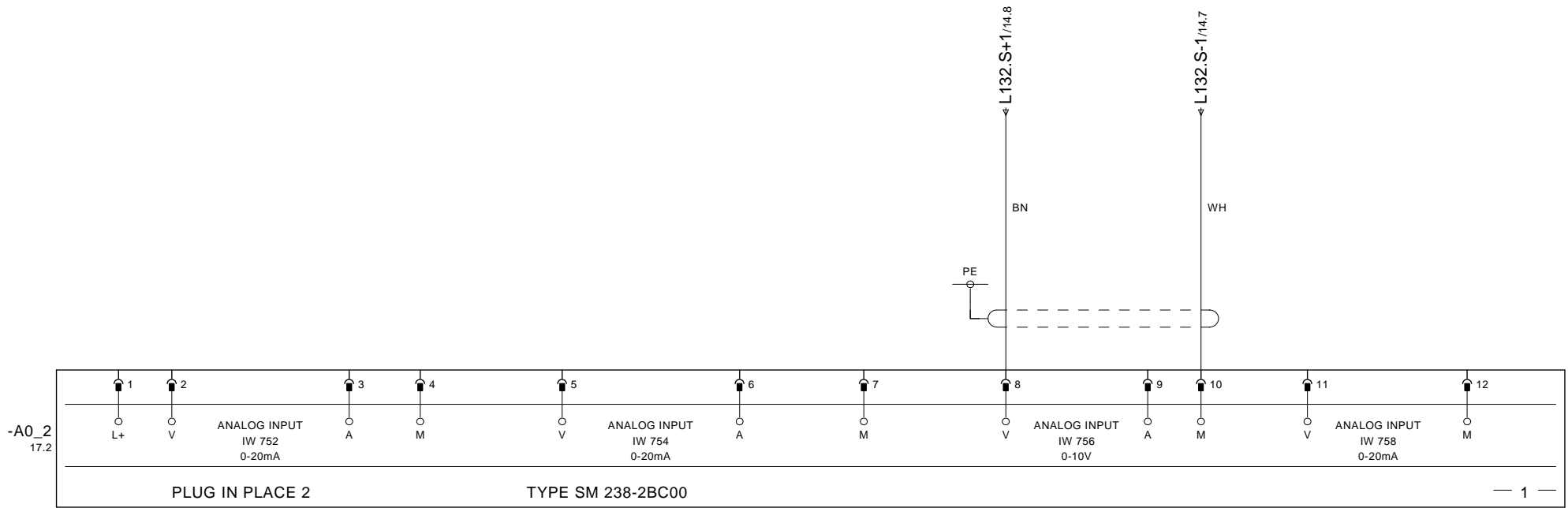
DATE	04.Dez.2015
EDITED	JBR
CONTR.	D. MALLKOWSKY
MODIFICAT.	DATE
NAME	NORM
DIN	DIN

KLEEMANN GMBH	
MOBICAT MC 120 Z US	
ORIGIN	REP.F.
REP.T.	REP.T.



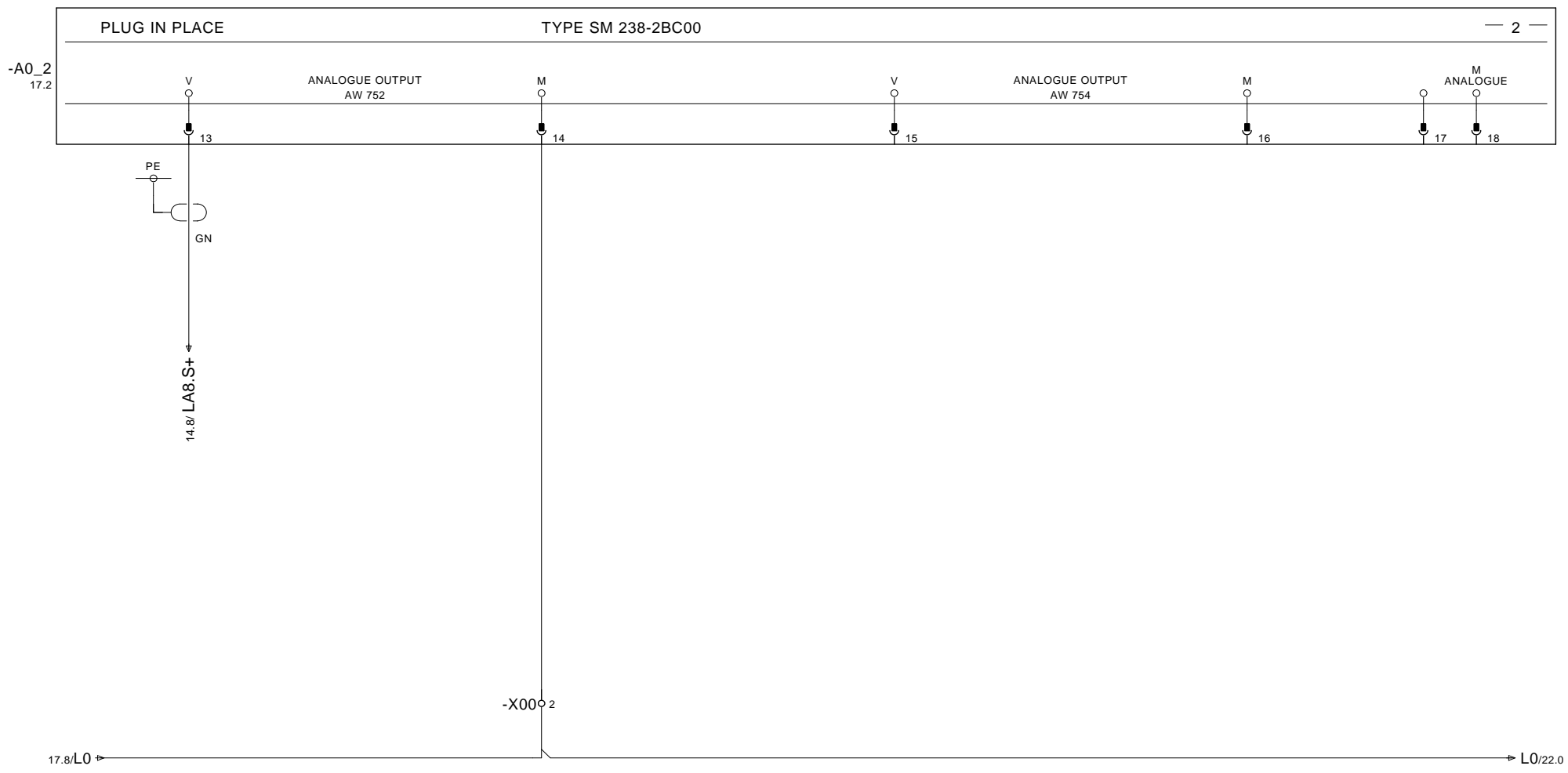
CPU STEUERUNG/  
CPU CONTROL SYSTEM

KLEEMANN SERIES	K007	= 100	+
KLEEMANN MATERIAL NO	2315435	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 EINGAENGE/ ANALOG INPUTS		KLEEMANN SERIES	K007		= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2315435		CAE-SYSTEM:	EPLAN 5.70		PG. 18
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41	



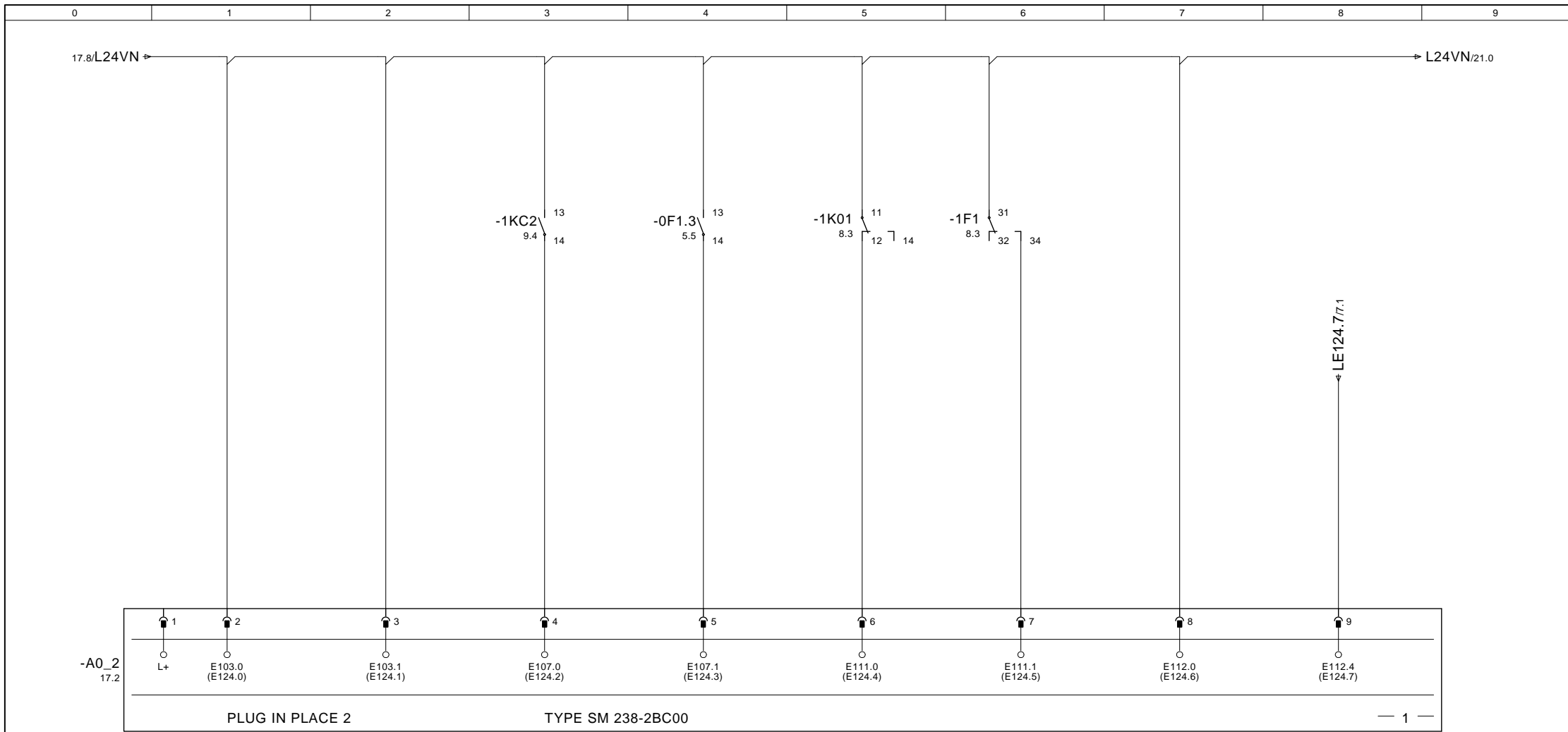
SET VALUE  
FREQUENCY CONVERTER  
VIBRATING FEEDER 8

SOLLWERT  
FREQUENZUMRICHTER  
AUFGABERINNE 8

SPARE

RESERVE

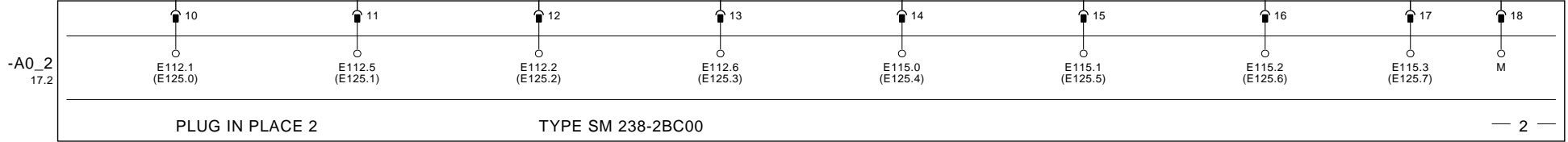
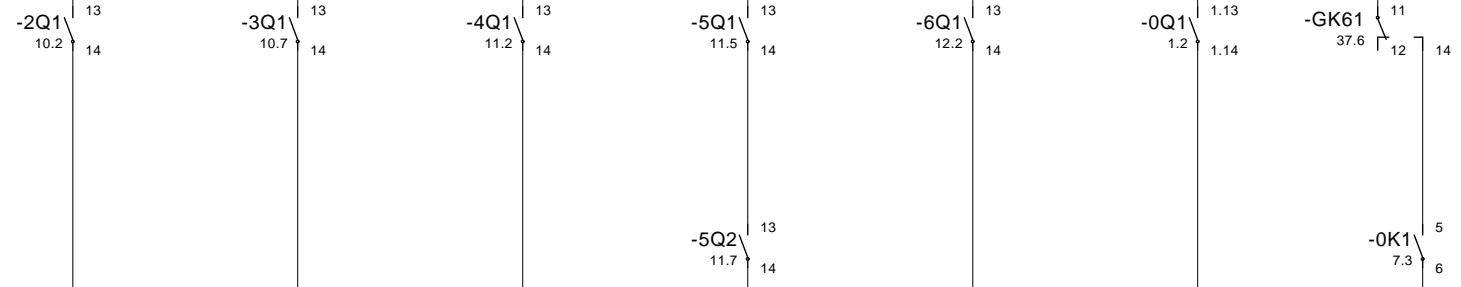
		DATE	04.Dez.2015		KLEEMANN GMBH			 	ANALOGUE AUSGAENGE/ ANALOG OUTPUTS	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	41	



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 /		KLEEMANN SERIES <b>K007</b>	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US			DIGITAL INPUTS E124.0-E124.7				
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			EPLAN 5.70	PG.	41

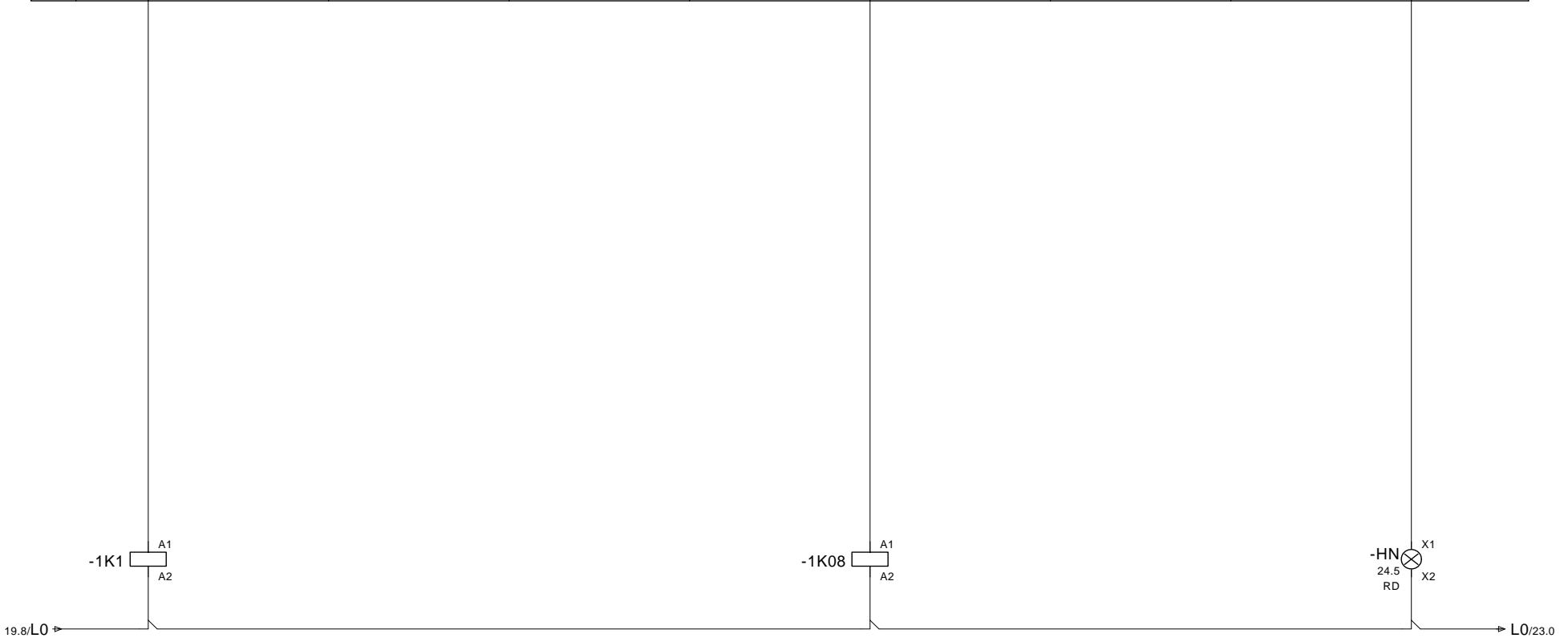
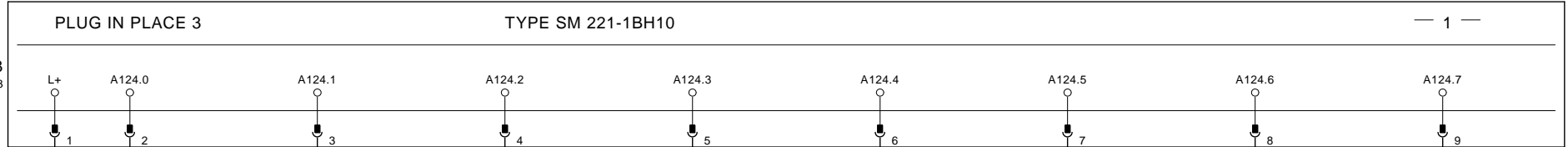
20.8/L24VN → L24VN/24.0



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 <b>K007</b>	= 100 +
EDITED	JBR	MOBICAT MC 120 Z US					
CONTR.	D. MALLKOWSKY	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

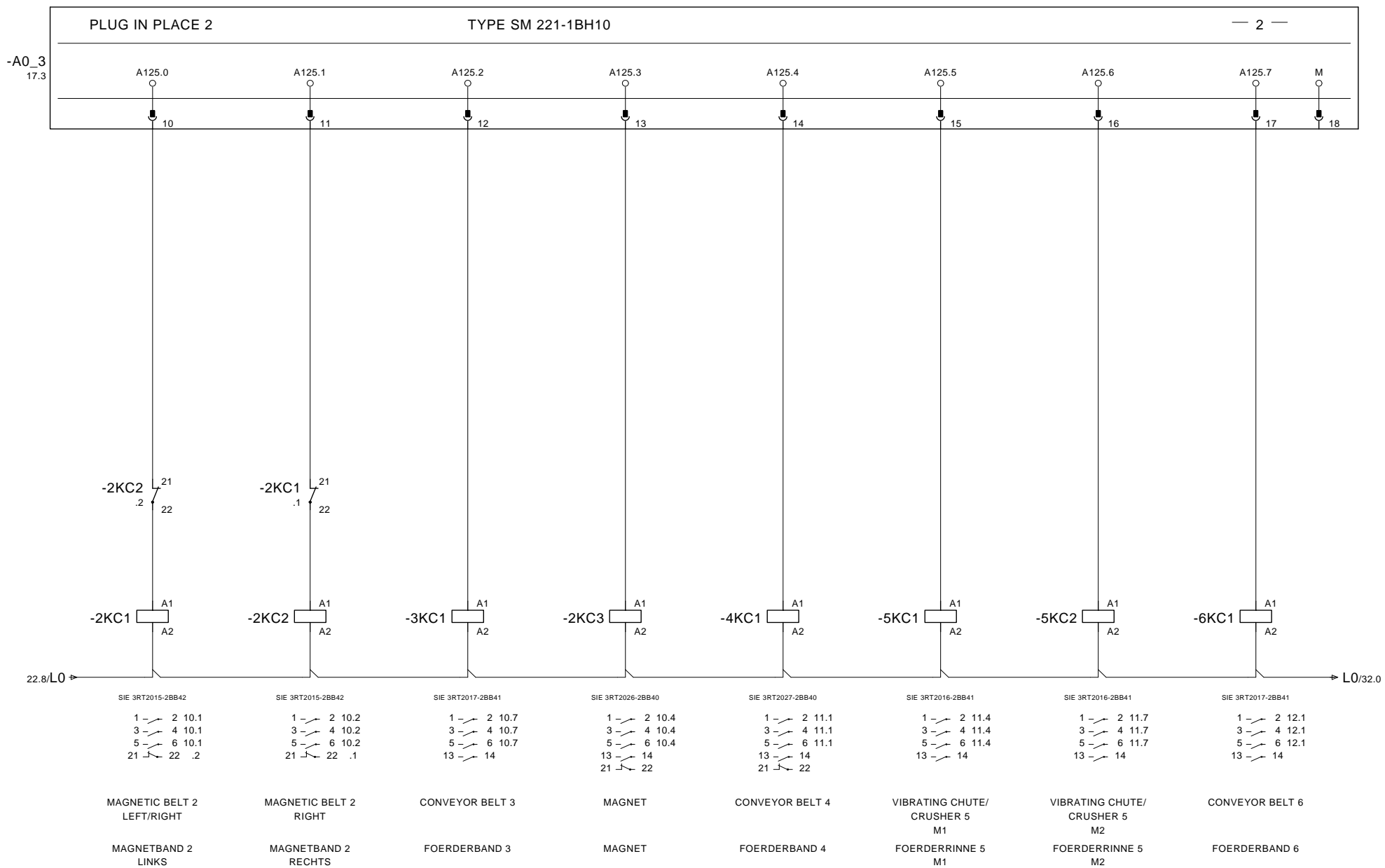
CONTACTOR  
COUPLING ON  
  
 SCHUETZ  
FAHRKUPPLUNG

SPARE  
  
 RESERVE

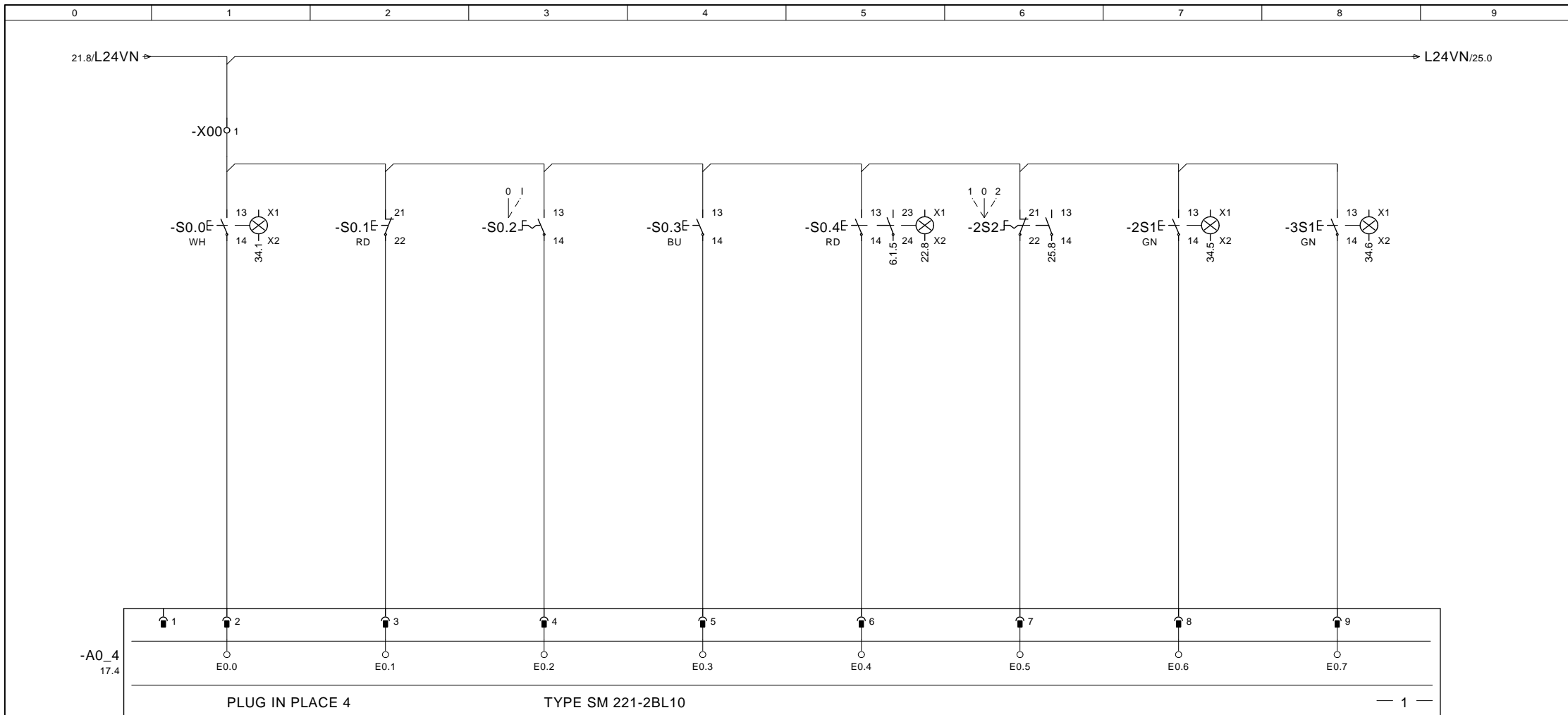
SPARE  
  
 RESERVE

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	2315435	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		KLEEMANN SERIES		K007		= 100		+	
		EDITED	JBR		MOBICAT MC 120 Z US				A 125.0 - A 125.7/ DIGITAL OUTPUTS A 125.0 - A 125.7		KLEEMANN MATERIAL NO		2315435		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  
MALFUNCTION

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

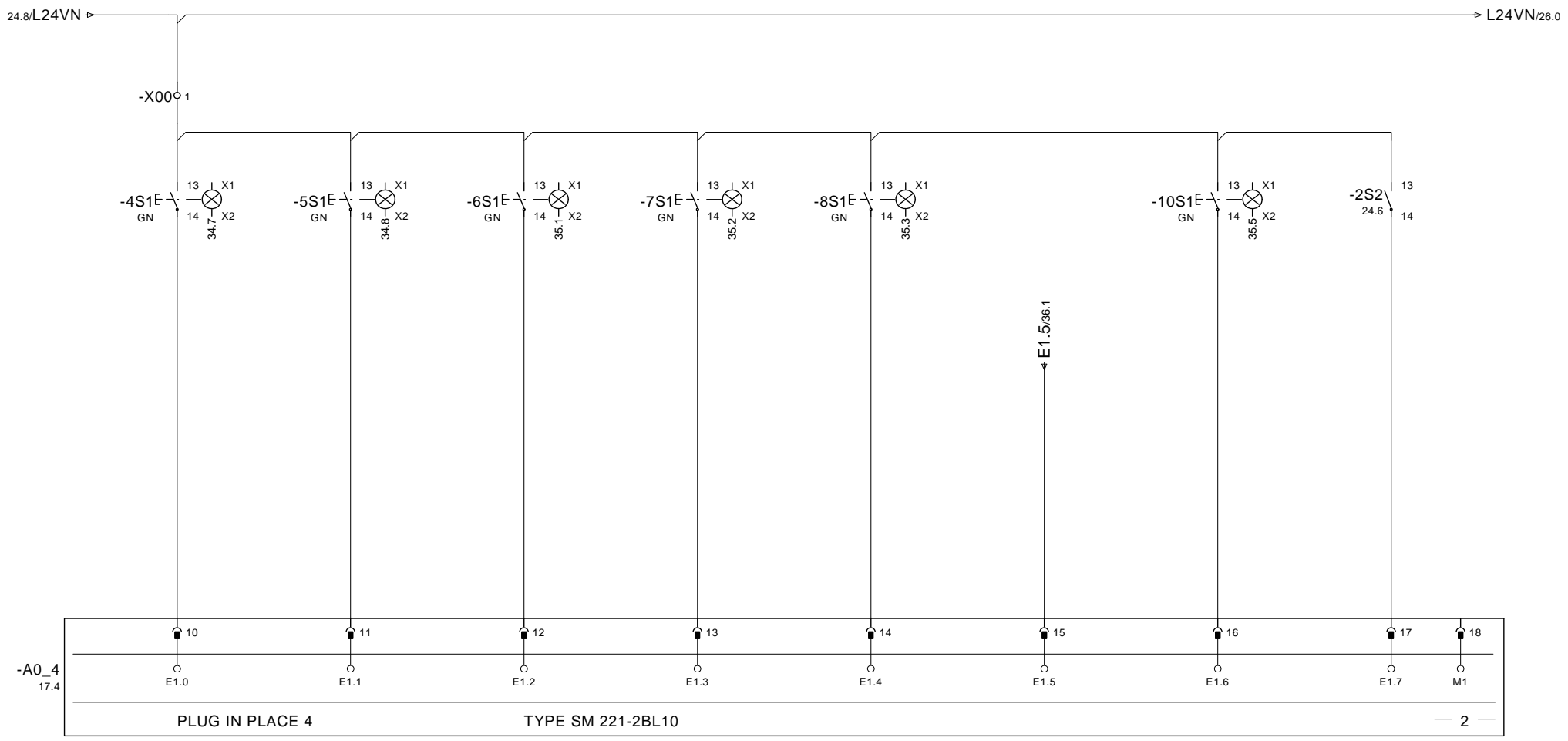
MAGNETBAND 2  
POSITION 0

MAGNETBAND 2  
EIN/AUS

FOERDERBAND 3  
EIN/AUS

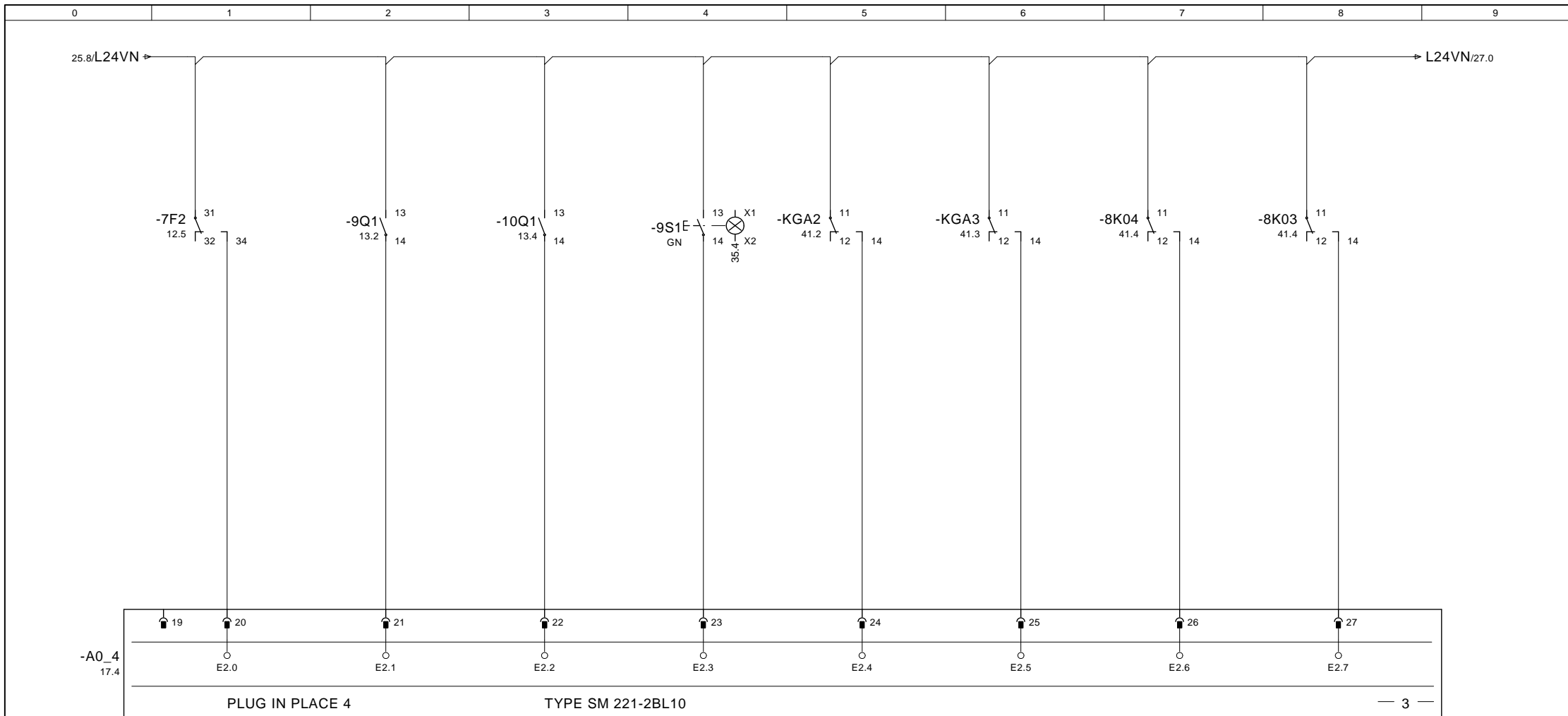
			DATE	04.Dez.2015	KLEEMANN GMBH			 	DIGITALE EINGAENGE E 0.0 - E 0.7/ DIGITAL INPUTS E 0.0 - E 0.7	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG. 24
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41





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	2315435	CAE-SYSTEM: EPLAN 5.70	PG.	25	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		PG.	41



MOTOR CONTROLLING  
VIBRATING SCREEN 7

MOTORUEBERWACHUNG  
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

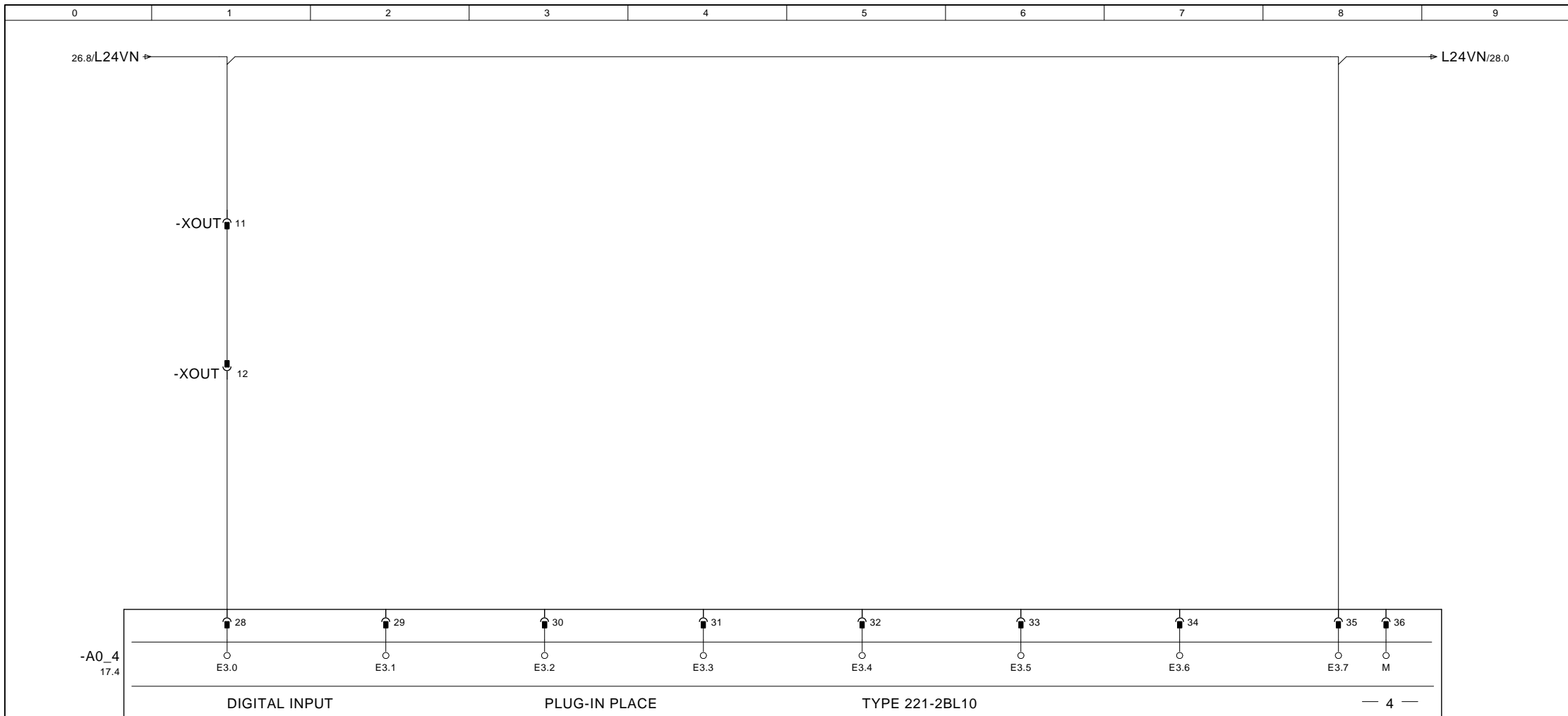
KLEEMANN  
MATERIAL NO 2315435

= 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

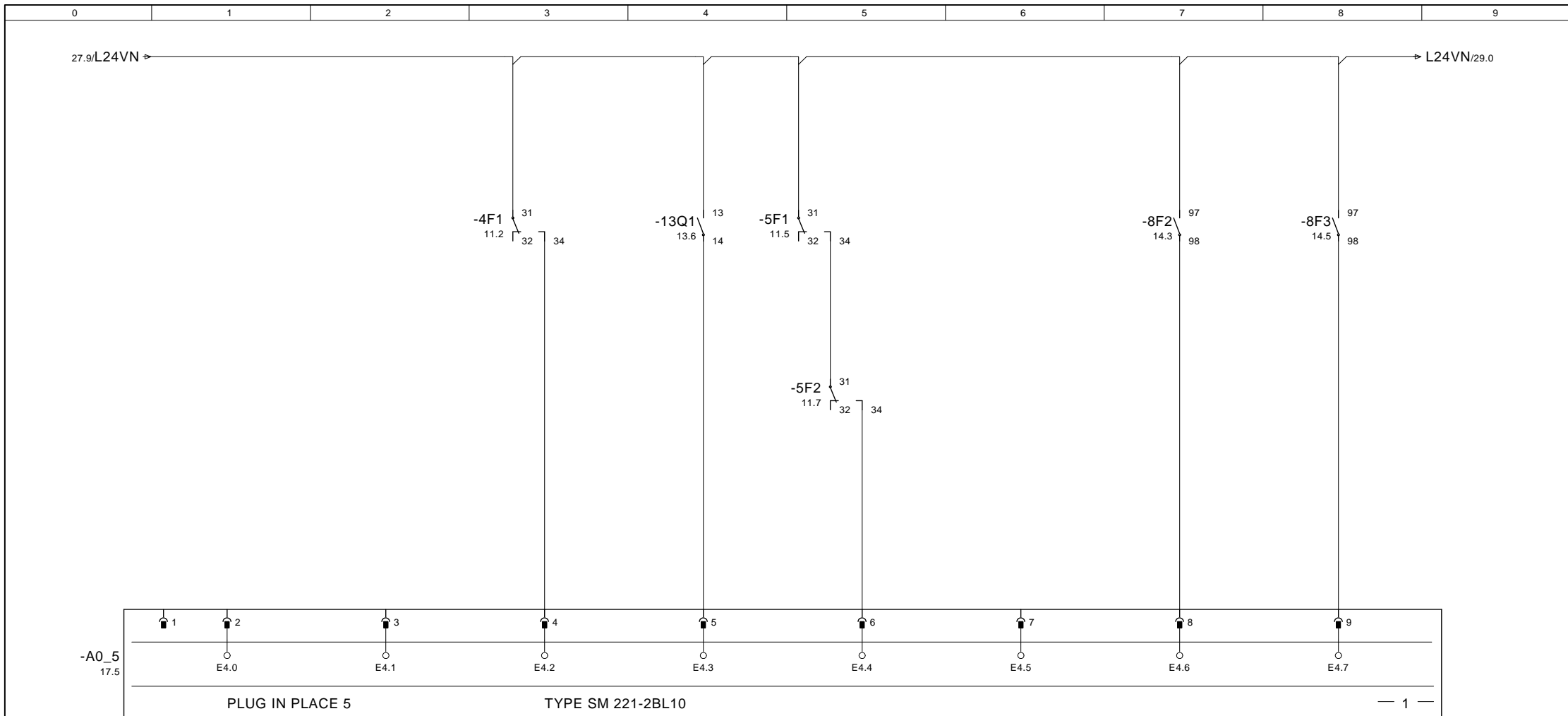
RESERVE

RESERVE

RESERVE

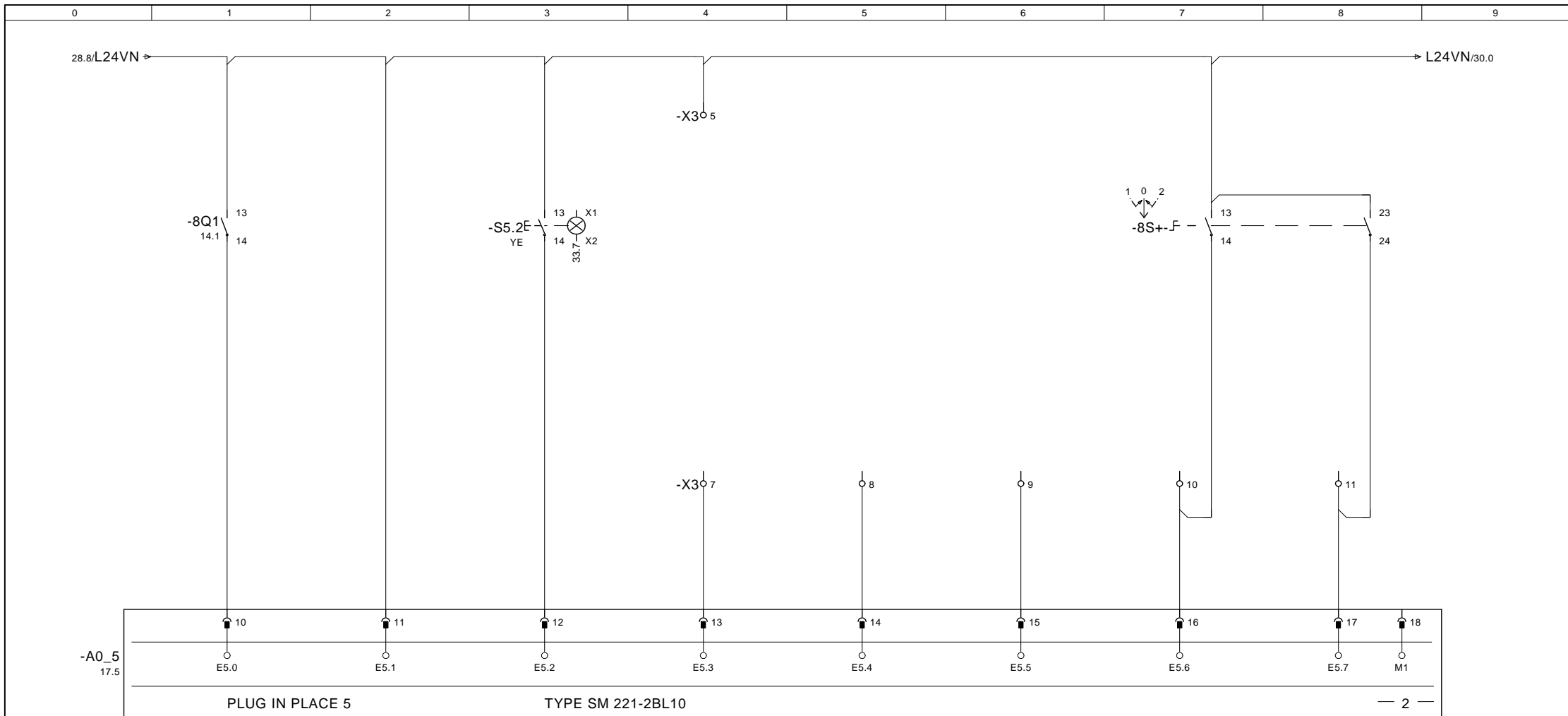
RESERVE

			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	2315435	CAE-SYSTEM: EPLAN 5.70	PG. 27
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 41	



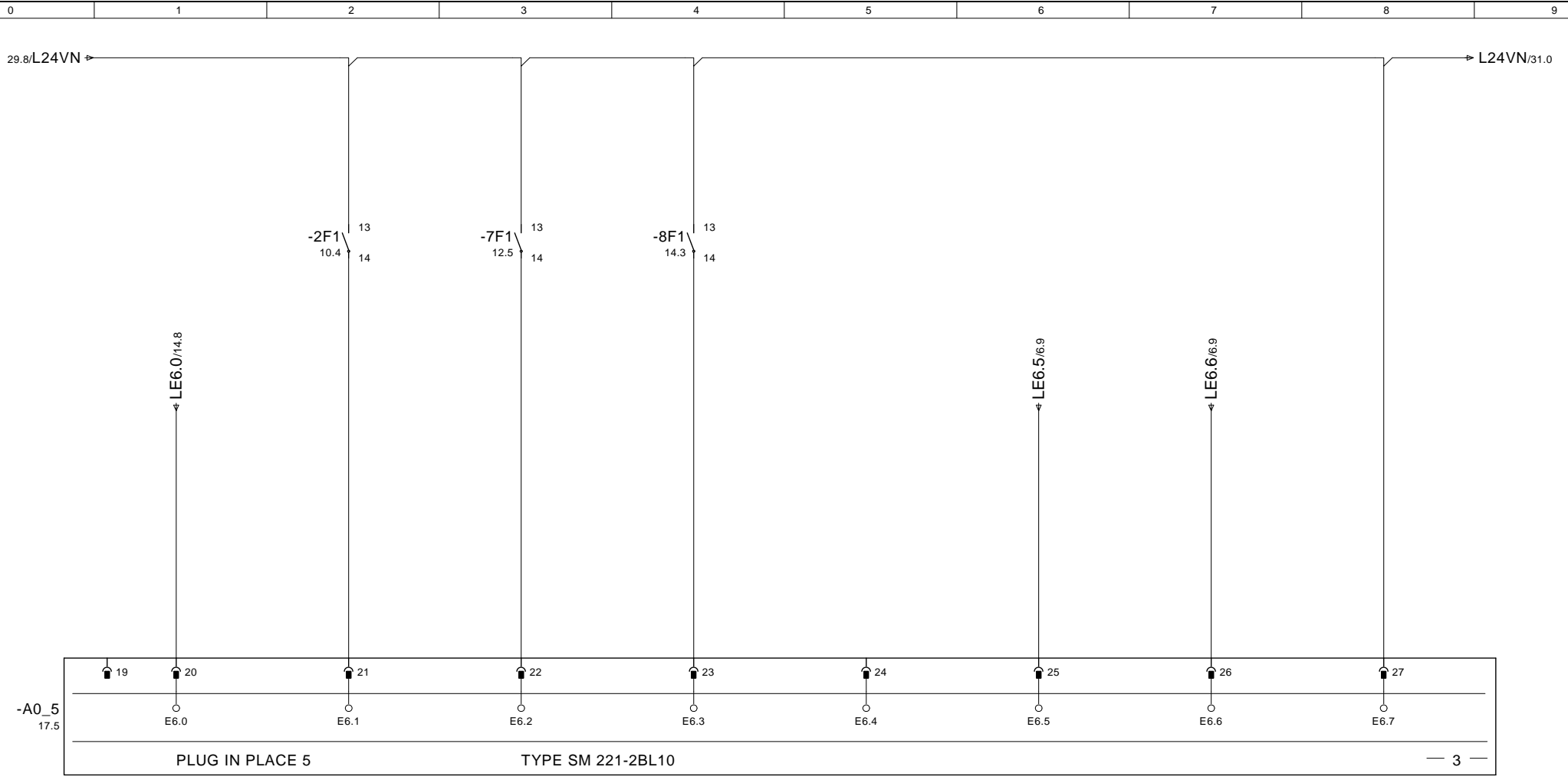
SPARE	SPARE	MOTOR CONTROLLING CONVEYOR BELT 4	MOTOR PROTECTION PRESSURE BURDEN	MOTOR CONTROLLING VIBRATING CHUTE 5	SPARE	MOTOR PROTECTION VIBRATING FEEDER 8	MOTOR PROTECTION VIBRATING FEEDER 8
RESERVE	RESERVE	MOTORUEBERWACHUNG FOERDERBAND 4	MOTORSCHUTZ UEBERDRUCK	MOTORUEBERWACHUNG FOERDERRINNE 5	RESERVE	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	2315435	CAE-SYSTEM: EPLAN 5.70
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41



VIBRATING FEEDER FREQUENCY CONVERTER/ MAIN	SPARE	COUPLING ON/OFF	SPARE	SPARE	SPARE	VIBRATING FEEDER 8 +	VIBRATING FEEDER 8 -
AUFGABERINNE FU/NETZ	RESERVE	KUPPLUNG EIN/AUS	RESERVE	RESERVE	RESERVE	AUFGABERINNE 8 +	AUFGABERINNE 8 -

DATE	04.Dez.2015	KLEEMANN GMBH		 	DIGITALE EINGAENGE E 5.0 - E 5.7/ DIGITAL INPUTS E 5.0 - E 5.7	KLEEMANN SERIES	K007	= 100	+	
EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG.	29	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		PG.	41



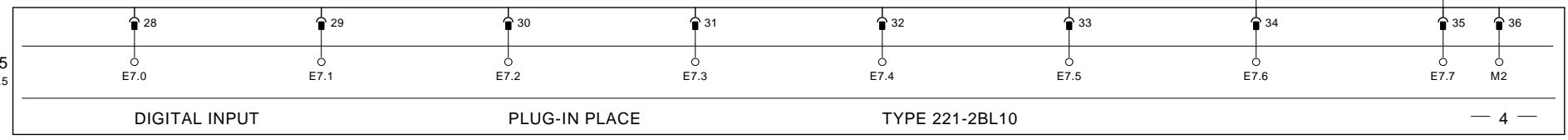
MALFUNCTION FREQUENCY CONVERTER VIBRATING FEEDER 8 STOERUNG FU AUFGABERINNE 8	SUPERVISION OF FUSE MAGNET 2 SICHERUNGS- UEBERWACHUNG MAGNET 2	SUPERVISION OF FUSE SCREEN 7 SICHERUNGS- UEBERWACHUNG SIEB 7	SUPERVISION OF FUSE VIBRATING FEEDER 8 SICHERUNGS- UEBERWACHUNG AUFGABERINNE 8	SPARE RESERVE	OPERATION BETRIEB	CONVEYOR BELT TRANSPORT	SPARE (FLOW GUARD) RESERVE (STROEMUNGSWAECHTER)
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30.8/L24VN → L24VN/36.0

-XOUT 7 -GK26 11 38.4 12 14

-XOUT 8

-A0\_5 17.5

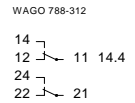
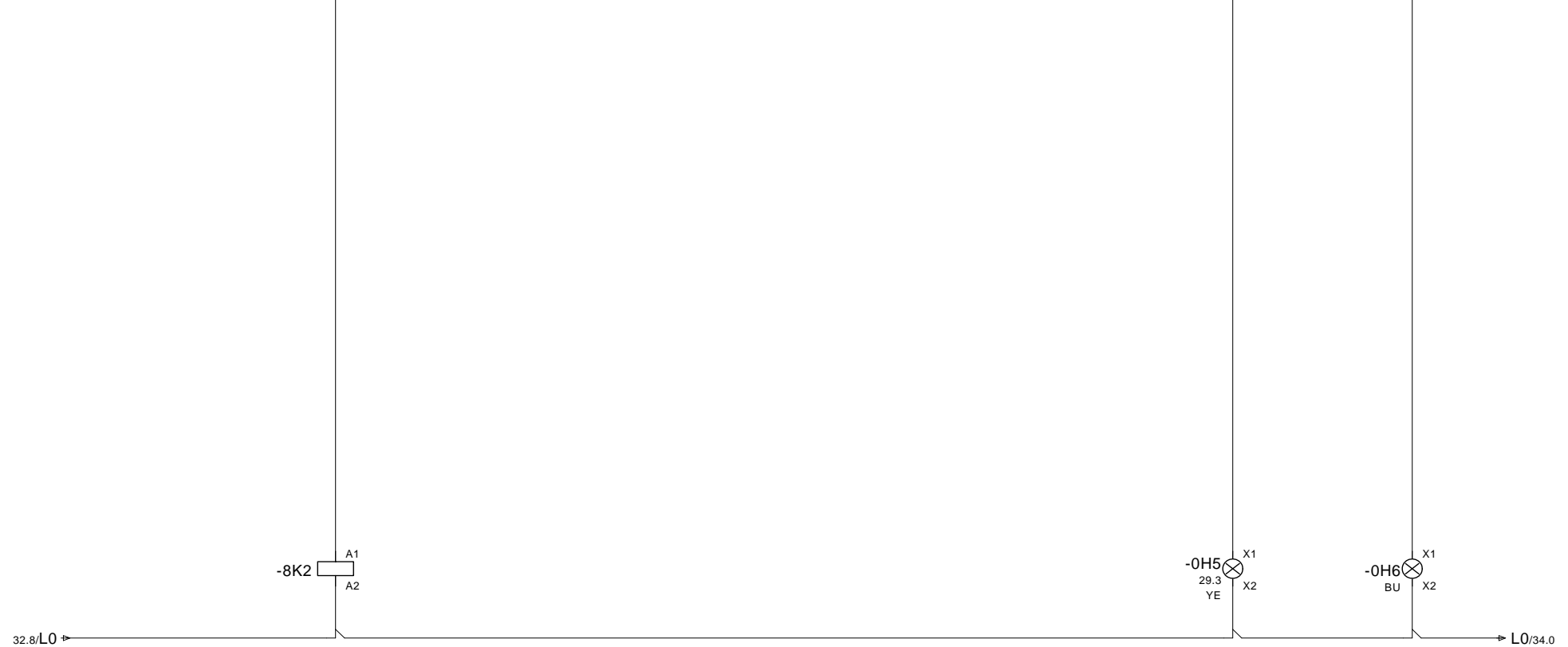
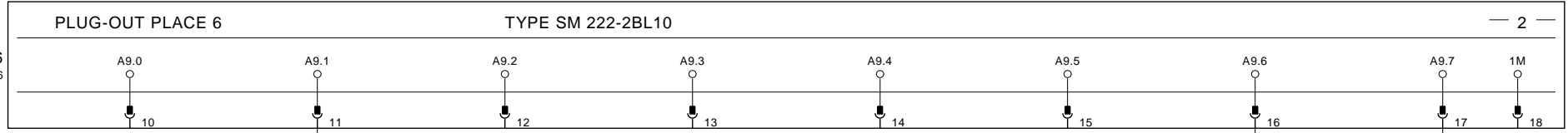


SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	OVERLOAD REMOVAL	PREWARNING OIL TEMPERATUR
RESERVE	RESERVE	RESERVE	RESERVE	RESERVE	RESERVE	UEBERLAST ABFOERDERUNG	VORWARNUNG OELTEMPERATUR

		DATE	04.Dez.2015		KLEEMANN GMBH			 	DIGITALE AUSGAENGE A 7.0 - A 7.7/		KLEEMANN	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US				DIGITAL OUTPUTS A 7.0 - A 7.7		KLEEMANN			
		CONTR.	D. MALLKOWSKY							MATERIAL NO	2315435	CAE-SYSTEM:	PG.	31
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				EPLAN 5.70	PG.	41	

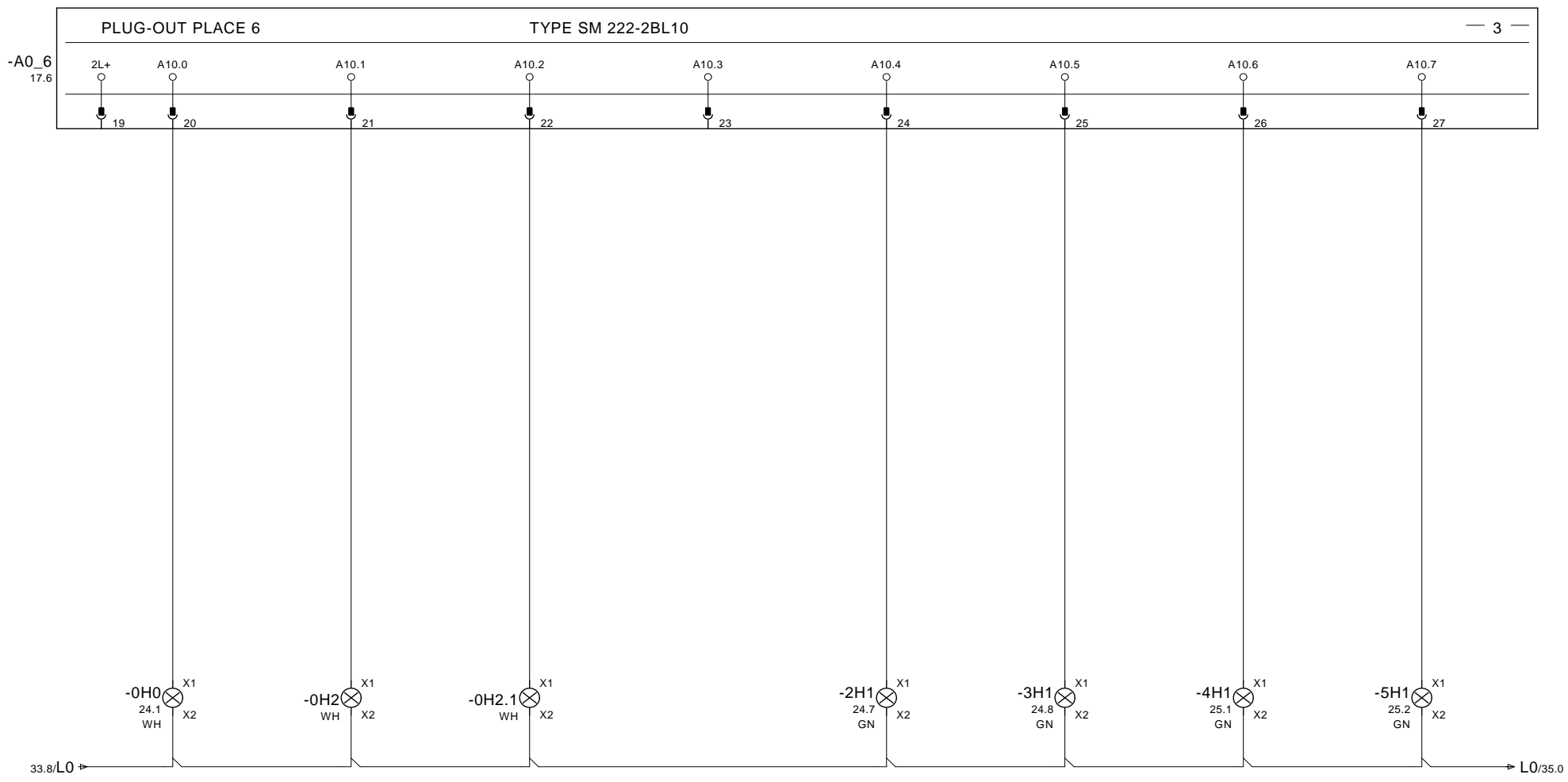






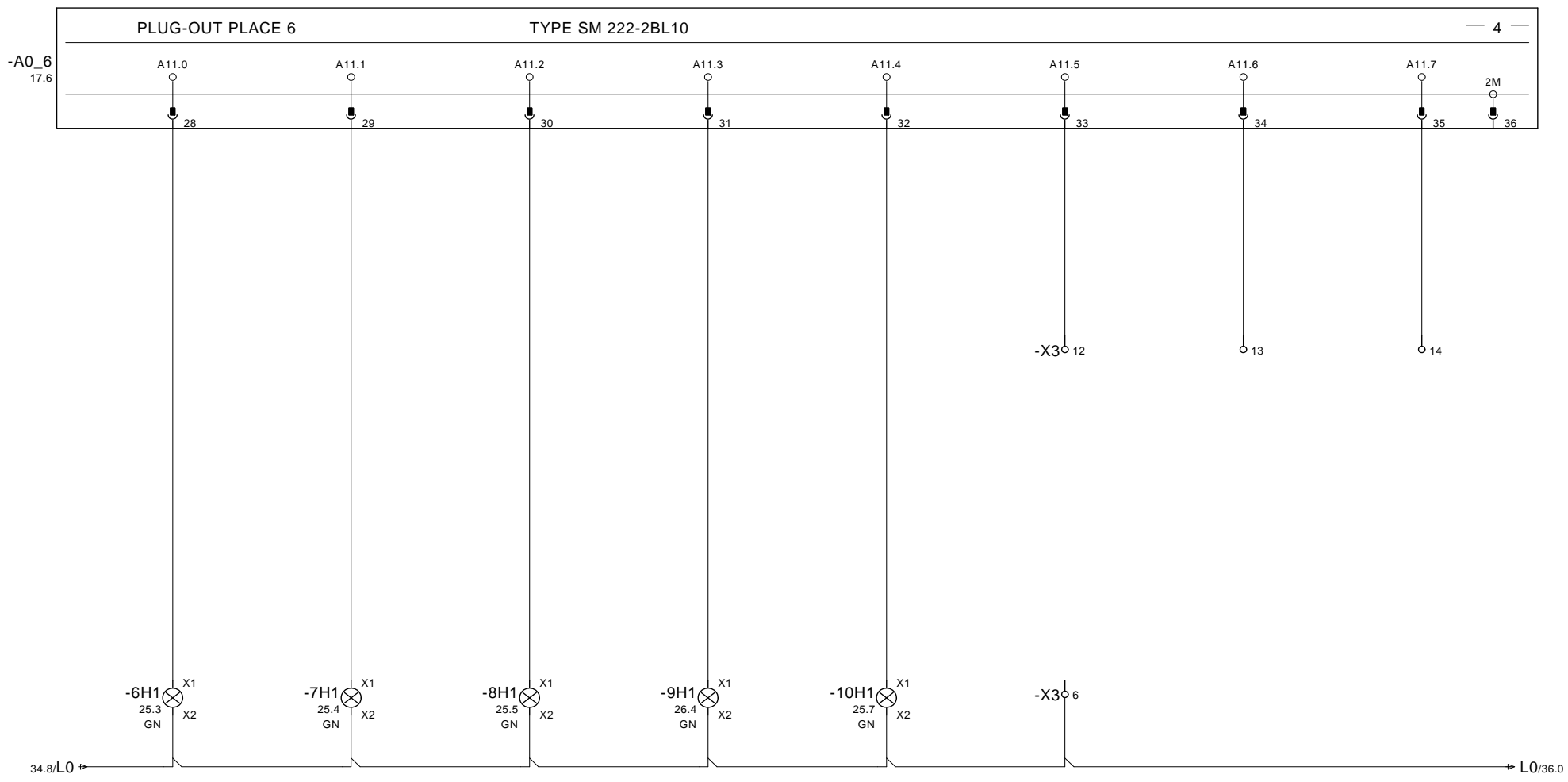
SPARE	START (RELEASING) FREQU. CONV. VIBRATING FEEDER 8	SPARE	SPARE	SPARE	SPARE	COUPLING ENGAGED	START-UP RELEASE
RESERVE	START (FREIGABE) FU AUFGABERINNE 8	RESERVE	RESERVE	RESERVE	RESERVE	KUPPLUNG EINGERUECKT	ANLAUFFREIGABE

DATE	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	2315435	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41

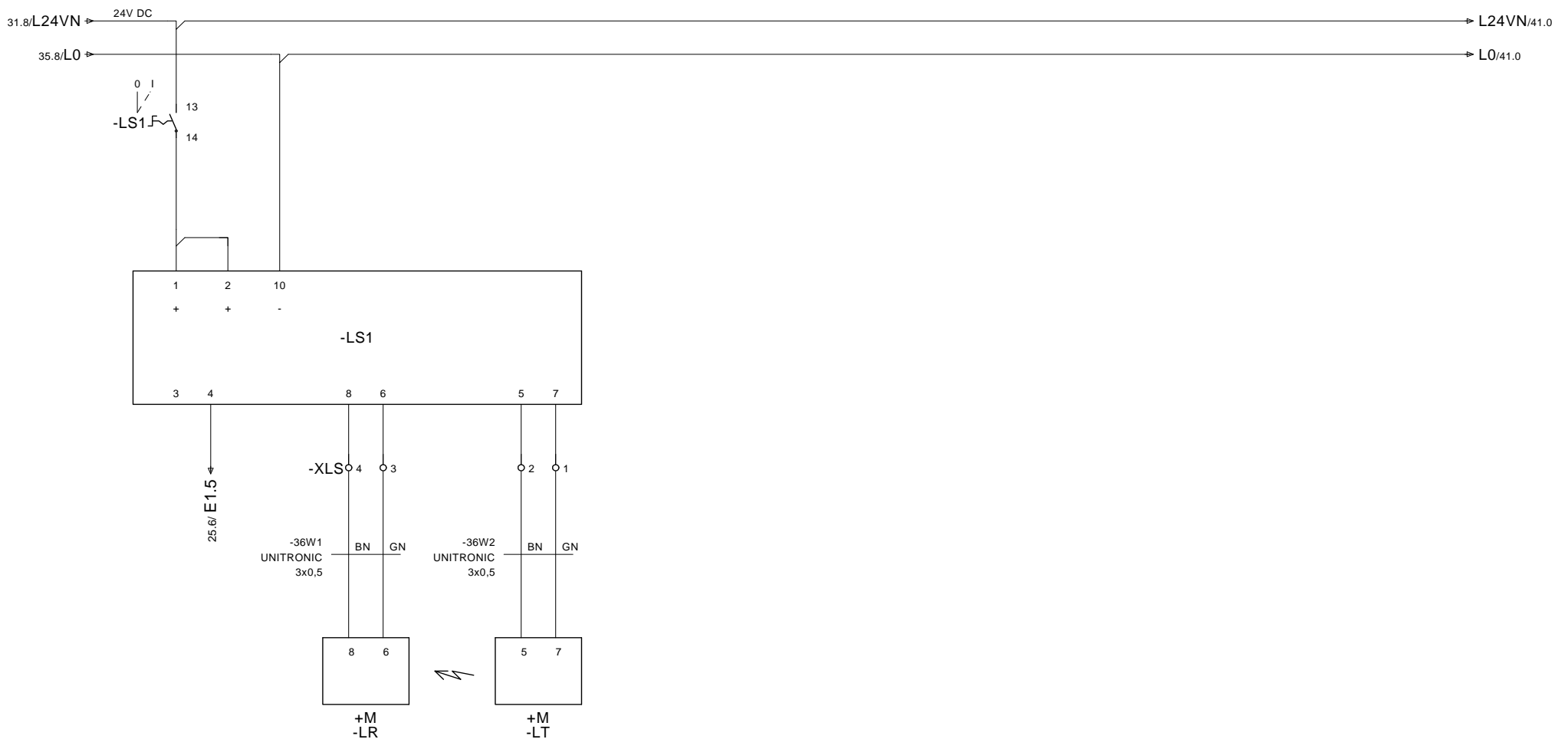


INSTALLATION ON	OPERATION	REPAIR	SPARE	CONVEYOR BELT 2 ON/OFF	MAGNETIC BELT 3 ON/OFF	CONVEYOR BELT 4 ON/OFF	VIBRATING CHUTE/ CRUSHER 5 ON/OFF
ANLAGE EIN	BETRIEB	REPARATUR	RESERVE	FOERDERBAND 2 EIN/AUS	MAGNETBAND 3 EIN/AUS	FOERDERBAND 4 EIN/AUS	FOERDERRINNE 5 EIN/AUS

		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		2315435		CAE-SYSTEM: EPLAN 5.70	PG. 34
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41		

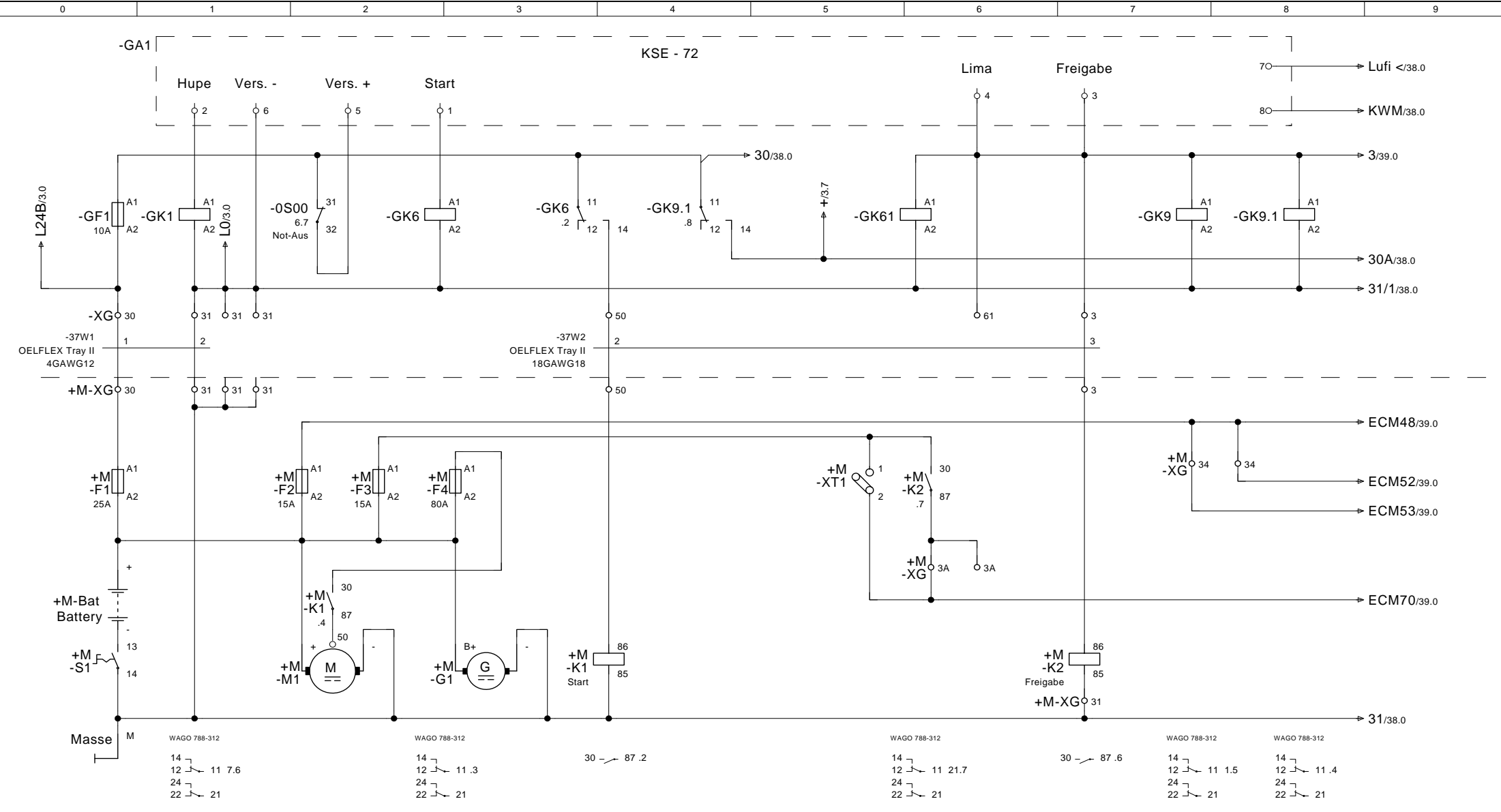


MAGNETIC BELT 6 ON/OFF	CONVEYOR BELT 7 ON/OFF	VIBRATING FEEDER 8 ON/OFF	CONVEYOR BELT 9 ON/OFF	VIBRATING FEEDER 10 ON/OFF	SPARE	SPARE	SPARE
MAGNETBAND 6 EIN/AUS	FOERDERBAND 7 EIN/AUS	AUFGABERINNE 8 EIN/AUS	FOERDERBAND 9 EIN/AUS	AUFGABERINNE 10 EIN/AUS	RESERVE	RESERVE	RESERVE



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	2315435		CAE-SYSTEM:	EPLAN 5.70		PG.	36
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG.	41	



SUPPLY  
24V

STARTER

DYNAMO

START

RELEASE

VERSOR-  
GUNG  
24V

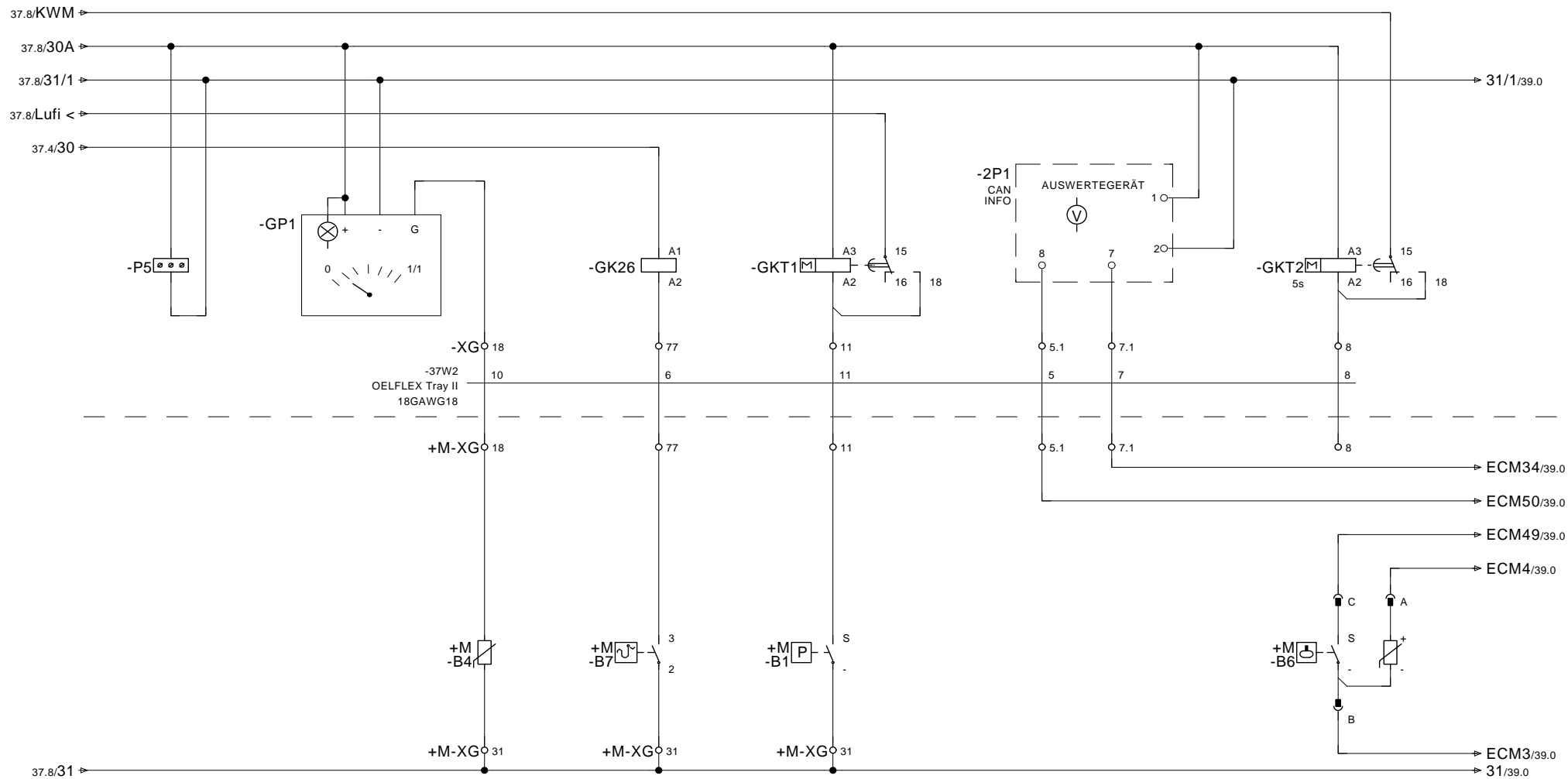
ANLASSER

LICHT-  
MASCHINE

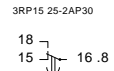
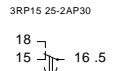
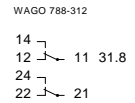
START

FREIGABE

		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	2315435		CAE-SYSTEM: EPLAN 5.70	PG. 37
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41	

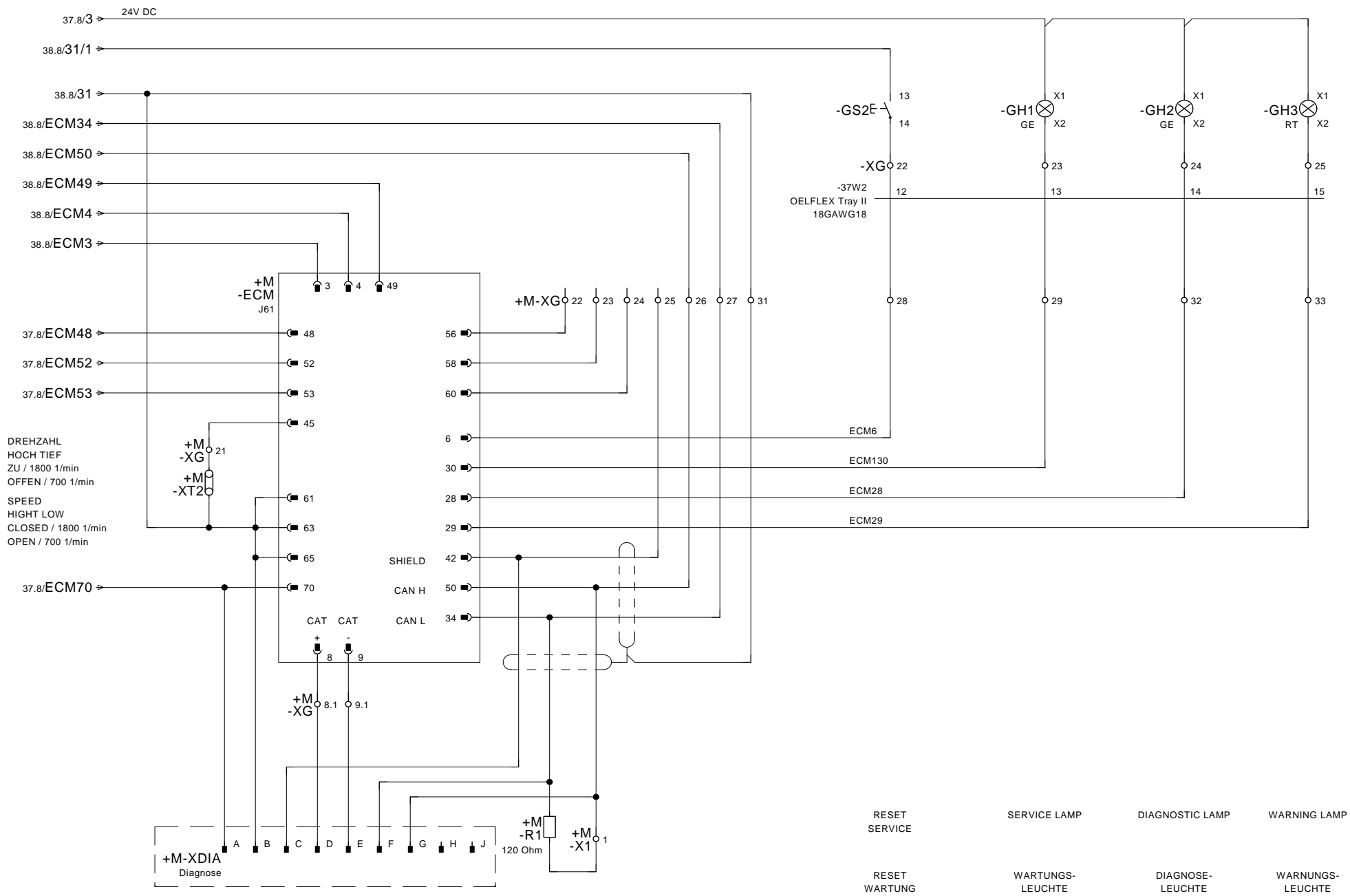


-37W2  
OELFLEX Tray II  
18GAWG18



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		<b>kleemann</b>	BETRIEBSINSTRUMENTE/ OPERATIONAL INSTRUMENTS		KLEEMANN SERIES <b>K007</b>		= 100 +	
EDITED		JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO <b>2315435</b>		CAE-SYSTEM: EPLAN 5.70	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			EPLAN 5.70		PG. 41



DREHZAHL  
HOCH TIEF  
ZU / 1800 1/min  
OFFEN / 700 1/min  
SPEED  
HIGHT LOW  
CLOSED / 1800 1/min  
OPEN / 700 1/min

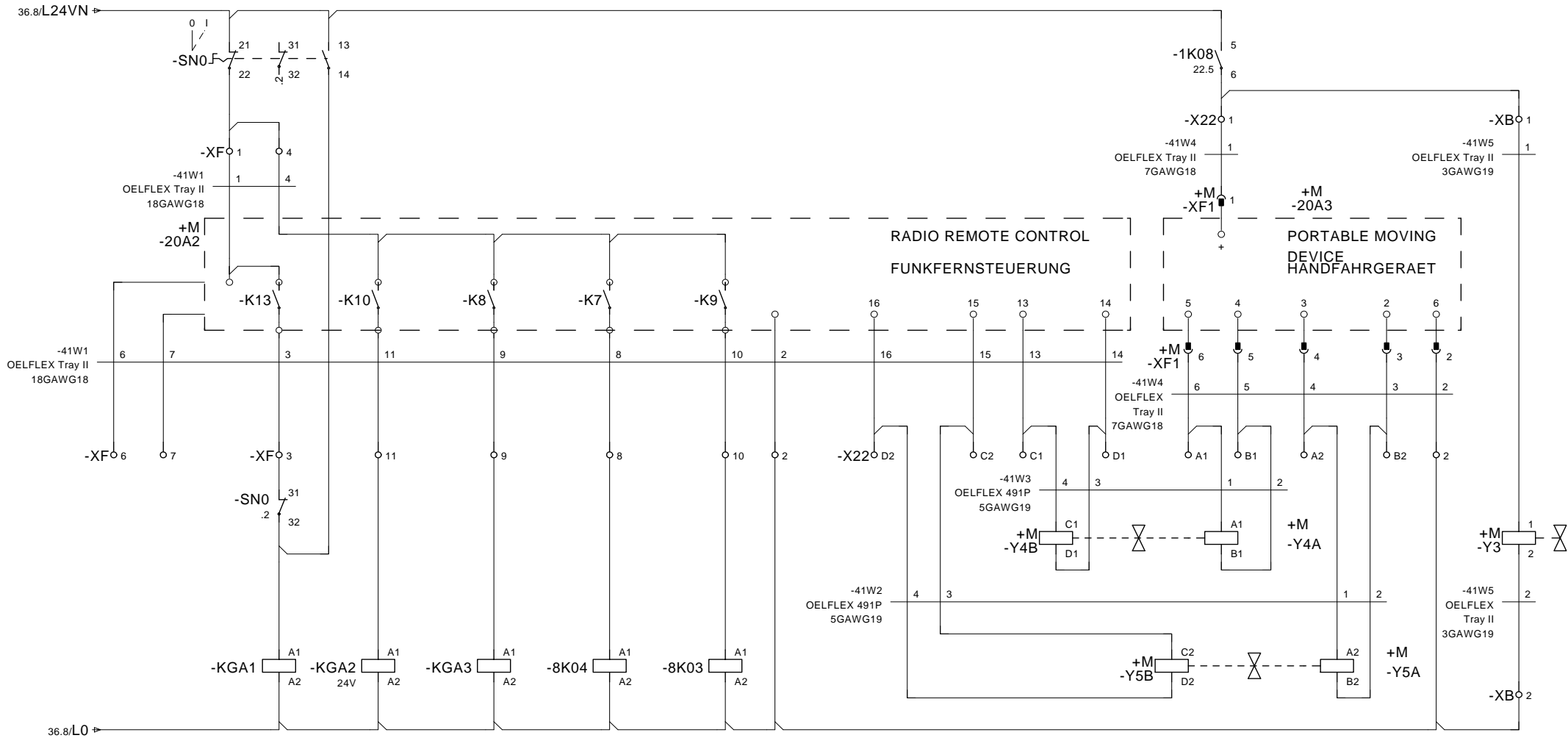
RESET SERVICE	SERVICE LAMP	DIAGNOSTIC LAMP	WARNING LAMP
RESET WARTUNG	WARTUNGS-LEUCHTE	DIAGNOSE-LEUCHTE	WARNUNGS-LEUCHTE

DATE		04.Dez.2015		KLEEMANN GMBH		BETRIEBSINSTRUMENTE/ OPERATIONAL INSTRUMENTS		KLEEMANN SERIES		K007		= 100		+	
EDITED		JBR		MOBICAT MC 120 Z US		WIRTGEN GROUP		KLEEMANN MATERIAL NO		2315435		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	2315435	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 2315435		CAE-SYSTEM: EPLAN 5.70		PG. 41		PG. 41	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					

# 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
-X6	KLEMMLEISTE -X6/ TERMINAL STRIP -X6	1	4	0	0	4	=KLE/14
-X8	KLEMMENLEISTE -X8/ TERMINAL STRIP -X8	PE	6	2	0	8	=KLE/15
-X00	KLEMMENLEISTE -X00/TERMINAL STRIP -X00	1	N115	0	2	34	=KLE/16
-X22	KLEMMLEISTE -X22/ TERMINAL STRIP -X22	1	D2	0	0	10	=KLE/18
-XB	KLEMMENLEISTE -XB/ TERMINAL STRIP -XB	1	2	0	0	2	=KLE/19
-XF	KLEMMLEISTE -XF/ TERMINAL STRIP -XF	1	11	0	0	10	=KLE/20
-XG	KLEMMENLEISTE -XG/ TERMINAL STRIP -XG	3	77	0	0	17	=KLE/21
-XK	KLEMMENLEISTE -XK/ TERMINAL STRIP -XK	1	2	0	0	4	=KLE/22
-XLS	KLEMMLEISTE -XLS TERMINAL STRIP -XLS	1	4	0	0	4	=KLE/23
-XT	KLEMMLEISTE -XT/ TERMINAL STRIP -XT	1	5	0	0	5	=KLE/24
-0X0	KLEMMLEISTE -0X0/ TERMINAL STRIP -0X0	PE	2	1	0	3	=KLE/25
-0X06	KLEMMLEISTE -0X06/TERMINAL STRIP -0X06	PE	2	1	0	3	=KLE/26
-0X07	KLEMMENLEISTE -0X07/ TERMINAL STRIP -0X07	PE	2	1	0	3	=KLE/27
+M-XG	KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG	3	77	0	0	34	=KLE/28

		DATE	13.Mai.2013	KLEEMANN GMBH	 	KLEMMENLEISTENUEBERSICHT/ TERMINAL STRIP OVERVIEW	KLEEMANN SERIES <b>K007</b>	= KLE	+
		EDITED	PC1	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO <b>2315435</b>	CAE-SYSTEM: EPLAN 5.70	PG. 1
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		PG. 37

# 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/30
-3X2	STECKER -3X2/ PLUG -3X2	1	PE	0	0	5	=KLE/31
-4X1	STECKER -4X1/ PLUG -4X1	1	PE	1	0	8	=KLE/32
-4X2	STECKER -4X2/ PLUG -4X2	1	PE	0	0	5	=KLE/33
+M-XF1	STECKER +M-XF1 PLUG +M-XF1	1	6	0	0	6	=KLE/34
+M-XS2	STECKER +M-XS2/ PLUG +M-XS2	1	4	0	0	4	=KLE/35
+M-XS5	STECKER +M-XS5/ PLUG +M-XS5	1	4	0	0	4	=KLE/36
+M-6X1	STECKER +M-6X1/ PLUG +M-6X1	1	PE	1	0	4	=KLE/37



FUNCTION TEXT		CABLE DESIGNATION/TYPE								TERMINAL STRIP/PLUG -X1						CABLE DESIGNATION/TYPE	PAGE/ PATH
			-12W1 OEFLEX Tray II 4G	-11W3 OEFLEX Tray II 4G	-11W2 OEFLEX Tray II 4G	-10W2 OEFLEX Tray II 5G	-12W3 OEFLEX Tray II 4G	-10W1 OEFLEX Tray II 4G	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION		
												INTERNAL WIRING	PLC DESIG- NATION				
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 =100-10KC1	5	=100/10.4	
SHAKING CONVEYOR 5 BELOW								PE	=100+M-5M1	PE	PE			=100-PE		=100/11.5	
=								1	=100+M-5M1	U	8			=100-5F1	2	=100/11.4	
=								2	=100+M-5M1	V	9			=100-5F1	4	=100/11.4	
=								3	=100+M-5M1	W	10			=100-5F1	6	=100/11.4	
SHAKING CONVEYOR 5 TOP								PE	=100+M-5M2	PE	PE			=100-PE		=100/11.7	
=								1	=100+M-5M2	U	11			=100-5F2	2	=100/11.7	
=								2	=100+M-5M2	V	12			=100-5F2	4	=100/11.7	
=								3	=100+M-5M2	W	13			=100-5F2	6	=100/11.7	
CONVEYOR BELT 6								PE	+M-6X1	PE	PE			=100-PE		=100/12.2	
=								1	+M-6X1	PE	1			=100-6KC1	2	=100/12.1	
=								1	=100+M-6X2	PE	1						
=								2	+M-6X1	PE	2			=100-6KC1	4	=100/12.1	
=								2	=100+M-6X2	PE	2						

DATE		18.Nov.2014		KLEEMANN GMBH				KLEEMANN		SERIES		K007		= KLE		+			
EDITED		JHE		MOBICAT MC 120 Z US				KLEMMLEISTE -X1/ TERMINAL STRIP -X1		KLEEMANN		MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 11	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.		KLEEMANN		MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 37	

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	CABLE DESIGNATION/TYPE	PAGE/ PATH
					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION	CONNECTION
								INTERNAL WIRING	PLC DESIG- NATION	
CONVEYOR BELT 6							3			
VIBRATING SCREEN 7					PE		3			
=					1	U	17			
=					2	V	18			
=					3	W	19			
HYDRAULIC 9				PE		PE	PE			
=				1		U	20			
=				2		V	21			
=				3		W	22			
WATERPUMP 10			PE			PE	PE			
=			1			L1	23			
=			2			N	24			
EXCESS PRESSURE FAN 1		PE				PE	PE			
=		1				U	25			
=		2				V	26			
=		3				W	27			
CRUSHER 1						PE	PE			

DATE	18.Nov.2014	KLEEMANN GMBH	 	KLEMMLEISTE -X1/ TERMINAL STRIP -X1	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY							PG. 37
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

TERMINAL STRIP/PLUG

-X3

FUNCTION TEXT	CABLE DESIGNATION/TYP	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/PATH
						INTERNAL WIRING	PLC DESIGNATION				
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

DATE	18.Nov.2014	KLEEMANN GMBH		 <b>Kleemann</b>	KLEMMENLEISTE -X3/ TERMINAL STRIP -X3		KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM:	EPLAN 5.70	PG.	13
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	37	
MODIFICAT.	DATE	NAME	NORM	DIN						





0	1	2	3	4	5	6	7	8	9							
FUNCTION TEXT	CABLE DESIGNATION/TYP														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			
VIBRATING FEEDER 8 DRIVE LEFT						PE =100+M-8M1	PE	PE				=100-8A1	PE			=100/14.3
=						1 =100+M-8M1	U1	1				=100-8F2	2			=100/14.2
=						2 =100+M-8M1	V1	2				=100-8F2	4			=100/14.2
=						3 =100+M-8M1	W1	3				=100-8F2	6			=100/14.3
VIBRATING FEEDER 8 DRIVE RIGHT						PE =100+M-8M2	PE	PE				=100-8A1	PE			=100/14.5
=						1 =100+M-8M2	U1	4				=100-8F3	2			=100/14.4
=						2 =100+M-8M2	V1	5				=100-8F3	4			=100/14.4
=						3 =100+M-8M2	W1	6				=100-8F3	6			=100/14.4

DATE	18.Nov.2014	KLEEMANN GMBH	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z US	KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM:	EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.	PG.	15
NORM	DIN	ORIGIN	REP.F.	REP.T.	PG.	37



KLEMMENLEISTE -X8/  
TERMINAL STRIP -X8

KLEEMANN SERIES  
K007

= KLE +

KLEEMANN MATERIAL NO  
2315435

PG. 15  
PG. 37

FUNCTION TEXT		CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG -X00										CABLE DESIGNATION/TYP	PAGE/ PATH
			DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE F I X E D	INTERNAL WIRING	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION				
CONTROL VOLTAGE ON			=100+S-XSBT1	7	1	●			=100-0K1	4			=100/7.4	
			=100-SC	13	1	●			=100-8A1	T6			=100/17.1	
			=100-A0_CPU	1	1	●							=100/17.2	
			-A0_2	1	1	●		L+					=100/17.2	
			-A0_2	1	1	●		L+					=100/17.3	
			-A0_3	1	1	●		L+	-A0_2	2			=100/17.4	
INSTALLATION ON			=100-S0.0	13	1	●			=100-GK61	11			=100/24.1	
CONVEYOR BELT 4 ON/OFF			=100-4S1	13	1	●			=100-7F2	31			=100/25.1	
SUPPLY 24V AFTER EMERGENCY STOP			=100-TK1		2	●			=100-D2	A2			=100/7.2	
CONTROL VOLTAGE ON			=100-0K1	A2	2	●							=100/7.3	
=					2	●							=100/7.3	
=					2	●			-XK	2			=100/7.3	
			=100-A_FW-X1	0V	2	●			=100-7F2	B2			=100/17.1	
			=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	

DATE		18.Nov.2014		KLEEMANN GMBH		 <b>kleemann</b>		KLEMMENLEISTE -X00/ TERMINAL STRIP -X00		KLEEMANN SERIES		K007		= KLE		+	
EDITED		JHE		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 16	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 37			

# TERMINAL STRIP/PLUG

-X00

CABLE DESIGNATION/TYP

CABLE DESIGNATION/TYP

PAGE/  
PATH

FUNCTION TEXT

DESIGNATION OF  
EXTERNAL DESTINATION

CONNECTION

NO.

F  
I  
X  
E  
D

BRIDGE

INTERNAL  
WIRING

PLC  
DESIG-  
NATION

DESIGNATION OF  
INTERNAL DESTINATION

CONNECTION

=100/17.6

=100/17.6

=100/17.7

=100/19.3

=100/7.2

=100/7.2

=100/17.6

=100/17.6

=100/1.6

=100/1.6

=100/5.5

=100/5.5

=100/5.5

=100/5.5

SET VALUE FREQUENCY CONVERTER VIBRATING  
FEEDER 8

SUPPLY 24V AFTER EMERGENCY STOP

=

TOTAL FAULT CURRENT PROTECTION

=

SOCKET 15A/115V

=

=

=

DATE	18.Nov.2014			
EDITED	JHE			
CONTR.	D. MALLKOWSKY			
MODIFICAT.	DATE	NAME	NORM	DIN

KLEEMANN GMBH  
MOBICAT MC 120 Z US



KLEMMENLEISTE -X00/  
TERMINAL STRIP -X00

KLEEMANN  
SERIES K007

KLEEMANN  
MATERIAL NO 2315435

= KLE +

CAE-SYSTEM:  
EPLAN 5.70 PG. 17  
PG. 37

# TERMINAL STRIP/PLUG

-X22

CABLE DESIGNATION/TYPE

CABLE DESIGNATION/TYPE

PAGE/  
PATH

FUNCTION TEXT

FUNCTION TEXT	CABLE DESIGNATION/TYPE							-41W2 OE FLEX 491P 5G	-41W1 OE FLEX Tray II 18G	-41W3 OE FLEX 491P 5G	-41W4 OE FLEX Tray II 7G	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION				PAGE/ PATH										
															FIXED	INTERNAL WIRING																	
EINSPEISUNG 24V DC												1	+M-XF1	1									6	=100-1K08			=100/41.7						
EINSPEISUNG 0V DC												2	+M-XF1	2										1	-XB						=100/41.9		
RUN CHAIN RIGHT (MANUAL)												6	+M-XF1	6	A1																=100/41.7		
RUN CHAIN LEFT (MANUAL)												4	+M-XF1	4	A2																	=100/41.8	
RUN CHAIN RIGHT (MANUAL)										1		5	+M-XF1	5	B1																	=100/41.7	
RUN CHAIN LEFT (MANUAL)												2	+M-XF1	3	B2																	=100/41.8	
RUN CHAIN RIGHT (REMOTE)										2		13	+M-XF1	13	C1																		=100/41.6
RUN CHAIN LEFT (REMOTE)												4	+M-XF1	15	C2																		=100/41.6
RUN CHAIN RIGHT (REMOTE)										3		14	+M-XF1	14	D1																		=100/41.7
RUN CHAIN LEFT (REMOTE)												3	+M-XF1	16	D2																		=100/41.5
										4		4	+M-XF1																				



FUNCTION TEXT	CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG													CABLE DESIGNATION/TYP	PAGE/ PATH	
		18G	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION							
						FIXED	INTERNAL WIRING										
VIBRATING CHUTE FASTER (RADIO)																	
INSTALLATION OFF (RADIO)																	
=																	
VIBRATING CHUTE SLOWER (RADIO)																	
VIBRATING CHUTE + SCREEN OFF(REMOTE)																	
VIBRATING CHUTE FASTER (RADIO)																	
VIBRATING CHUTE + SCREEN ON(REMOTE)																	

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 DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION			CABLE DESIGNATION/TYP	PAGE/PATH
														FIXED	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 =100-0F06	A2 1			=100/37.0	
SUPPLY 0V									2		+M-XG	31	31	●			=100-GK1	A2			=100/37.1	
=												31	31	●			-OX06	2			=100/37.1	
=												31	31	●			=100-GA1 =100-GK6	6 A2			=100/37.1	
START										2	+M-XG	50	50				=100-GK6	14			=100/37.4	
=													61				=100-GA1	4			=100/37.6	
TEMPERATURE INDICATION 2: 100°C										6	+M-XG	77	77				=100-GK26	A2			=100/38.4	

FUNCTION TEXT	CABLE DESIGNATION/TYPE	TERMINAL STRIP/PLUG -XK											CABLE DESIGNATION/TYPE	PAGE/ PATH										
															DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION		
																		F I X E D	INTERNAL WIRING					
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		
FUNCTION TEXT	CABLE DESIGNATION/TYPE							-36W1 UNITRONIC 3x0.5mm²	-36W2 UNITRONIC 3x0.5mm²	TERMINAL STRIP/PLUG -XLS								CABLE DESIGNATION/TYPE	PAGE/ PATH
										DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION		
													FIXED	INTERNAL WIRING					
LIGHT BARRIER CRUSHER									GN	=100+M-LT	7	1				=100-LS1	7		=100/36.3
=									BN	=100+M-LT	5	2				=100-LS1	5		=100/36.3
=								GN		=100+M-LR	6	3				=100-LS1	6		=100/36.2
=								BN		=100+M-LR	8	4				=100-LS1	8		=100/36.2



FUNCTION TEXT	CABLE DESIGNATION/TYP												TERMINAL STRIP/PLUG -0X0			CABLE DESIGNATION/TYP	PAGE/ PATH
		-03WZ OEFLEX Tray II	3G	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION					
						INTERNAL WIRING											
BELT WEIGHER		PE	=100+M-B1	PE	PE				=100-PE			=100/3.5					
=		1	=100+M-B1	1	1				=100-0K1	54		=100/3.5					
=		2	=100+M-B1	2	2				-0X07 =100-KX	2 A2		=100/3.5					

DATE	18.Nov.2014	KLEEMANN GMBH		 <b>Kleemann</b>	KLEMMLEISTE -0X0/ TERMINAL STRIP -0X0	KLEEMANN SERIES <b>K007</b>	= KLE +	EDITED	JHE	CAE-SYSTEM:	PG.	25
CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z US						EPLAN 5.70	PG.	37		
DATE		ORIGIN	REP.F.					REP.T.	KLEEMANN MATERIAL NO	<b>2315435</b>		

0	1	2	3	4	5	6	7	8	9			
FUNCTION TEXT				CABLE DESIGNATION/TYP	5G	TERMINAL STRIP/PLUG -0X06				CABLE DESIGNATION/TYP	PAGE/ PATH	
				-03W1 OEFLEX Tray II	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION	CONNECTION		
							F I X E D	INTERNAL WIRING	PLC DESIG- NATION			
ILLUMINATION 1												
=					1 =100+M-E1	X1	1				=100-PE	=100/3.2
=					2 =100+M-E1	X2	2				=100-KX	=100/3.1
											-XG	=100/3.1
											-0X07	

DATE		18.Nov.2014		KLEEMANN GMBH		 		KLEEMANN SERIES		K007		= KLE		+	
EDITED		JHE		MOBICAT MC 120 Z US		KLEMMLEISTE -0X06/ TERMINAL STRIP -0X06		KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 26	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.						PG. 37	
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	5G	-03W1	DEFFLEX Tray II	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH
ILLUMINATION 2							PE					=100-PE			=100/3.4
=			3	=100+M-E2	X1	1						=100-KX	24		=100/3.3
=			4	=100+M-E2	X2	2						-0X06	2		=100/3.3
												-0X0	2		

0	1	2	3	4	5	6	7	8	9											
FUNCTION TEXT	CABLE DESIGNATION/TYP																		CABLE DESIGNATION/TYP	PAGE/PATH
						DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION						
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												=100/39.4
						=100-R1		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		18.Nov.2014		KLEEMANN GMBH		 		KLEEMANN SERIES		K007		= KLE		+	
EDITED		JHE		MOBICAT MC 120 Z US		KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG		KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 28	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.						PG. 37	

0	1	2	3	4	5	6	7	8	9		
FUNCTION TEXT	CABLE DESIGNATION/TYPE	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH
SUPPLY 0V								=100-S1	14		=100/37.1
=											=100/37.1
=											=100/37.1
RELEASE		=100-K1		85				=100-K2	85		=100/37.7
FUEL LEVEL		=100-B4									=100/38.3
TEMPERATURE INDICATION 2: 100°C		=100-B7		2							=100/38.4
AIR FILTER PLUGGES		=100-B1						=100-XT2	_2		=100/38.5
		=100-XT2						Schirm			=100/39.5
DIAGNOSTIC LAMP		-XG	14	24				-ECM	28		=100/39.7
WARNING LAMP		-XG	15	25				-ECM	29		=100/39.8
RELEASE		=100-F2		A1				-ECM	53		=100/37.7
=		-ECM		48				-ECM	52		=100/37.8
START		-XG	2	50				=100-K1	86		=100/37.4
TEMPERATURE INDICATION 2: 100°C		-XG	6	77				=100-B7	3		=100/38.4

FUNCTION TEXT		CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG										CABLE DESIGNATION/TYP	PAGE/ PATH
			-XOUT											
			DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION				
FIXED	INTERNAL WIRING													
			=100-D2	48	1							-XOUT	13	=100/6.1.9
			=100-D2	38	2							-XOUT	14	=100/6.1.9
					3									
					4									
			=100-D2	37	5							-XOUT	15	=100/6.1.8
			=100-D2	47	6							-XOUT	16	=100/6.1.8
OVERLOAD REMOVAL			-A0_5	27	7									=100/31.7
=			=100-GK26	11	8			E7.6						=100/31.7
			-A0_5	34	9									
					10									
LOCKING CONVEYOR BELT 2			=100-8K03	11	11			E3.0				-XOUT	12	=100/27.1
			-A0_4	35	12			E3.0				-XOUT	11	=100/27.1
=			-A0_4	28	13							-XOUT	1	=100/6.1.9
			=100-D1	33	14							-XOUT	2	=100/6.1.9
			=100-D1	23	15							-XOUT	5	=100/6.1.8
			=100-D1	24	16							-XOUT	6	=100/6.1.8
			=100-D1	34	PE									
					PE									

DATE		18.Nov.2014		KLEEMANN GMBH		  STECKER -XOUT/ PLUG -XOUT		KLEEMANN SERIES		K007		= KLE		+	
EDITED		JHE		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 30	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 37			



# TERMINAL STRIP/PLUG -3X2

CABLE DESIGNATION/TYP

CABLE DESIGNATION/TYP

FUNCTION TEXT

DESIGNATION OF  
EXTERNAL DESTINATION

CONNECTION

NO.

F  
I  
X  
E  
D

BRIDGE  
INTERNAL  
WIRING

PLC  
DESIG-  
NATION

DESIGNATION OF  
INTERNAL DESTINATION

CONNECTION

PAGE/  
PATH

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

DATE	18.Nov.2014
EDITED	JHE
CONTR.	D. MALLKOWSKY
DIN	

KLEEMANN GMBH  
MOBICAT MC 120 Z US



STECKER -3X2/  
PLUG -3X2

KLEEMANN  
SERIES K007

KLEEMANN  
MATERIAL NO 2315435

= KLE

CAE-SYSTEM:  
EPLAN 5.70

+

PG. 31  
PG. 37

MODIFICAT. DATE NAME NORM

ORIGIN REP.F.

REP.T.

0	1	2	3	4	5	6	7	8	9													
FUNCTION TEXT				CABLE DESIGNATION/TYPE				4G	-11W1	DEFFLEX Tray II	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH	
CONVEYOR BELT 4											1	=100+M-4M1	U	1					=100-4F1	2		=100/11.1
											2	=100+M-4M1	V	2					=100-4F1	4		=100/11.1
											3	=100+M-4M1	W	3					=100-4F1	6		=100/11.1
											4			4								
											5			5								=100/11.2
											6			6								=100/11.2
											PE			PE								
											PE	=100+M-4M1	PE	PE				=100-PE			=100/11.2	

FUNCTION TEXT				CABLE DESIGNATION/TYP	5G1	TERMINAL STRIP/PLUG -4X2										CABLE DESIGNATION/TYP	PAGE/ PATH
FUNCTION TEXT	CABLE DESIGNATION/TYP	5G1	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										
E-STOP PUSH-BUTTON			1 =100+M-0S08	22	1					-3X2	2	=100/6.5					
=			2 =100+M-0S08	21	2					-X3	1	=100/6.5					
=			3 =100+M-0S08	12	3					-3X2	4	=100/6.6					
=			4 =100+M-0S08	11	4					-X3	3	=100/6.6					
						PE											

FUNCTION TEXT	CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG											7G	CABLE DESIGNATION/TYP	PAGE/ PATH
		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	-41W4	OEFLEX Tray II				
					FIXED	INTERNAL WIRING									
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	

FUNCTION TEXT					CABLE DESIGNATION/TYPE	5G1	TERMINAL STRIP/PLUG										5G1	CABLE DESIGNATION/TYPE	PAGE/ PATH
							+M-XS2		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION				
												FIXED	INTERNAL WIRING						
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		

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

FUNCTION TEXT	CABLE DESIGNATION/TYPE	TERMINAL STRIP/PLUG														CABLE DESIGNATION/TYPE	PAGE/ PATH
		-12W2 OEFLEX Tray II	4G	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	-12W1 OEFLEX Tray II	4G				
							FIXED	INTERNAL WIRING									
CONVEYOR BELT 6		1	=100-6M1	U		1				-X1	14	1		=100/12.1			
=		2	=100-6M1	V		2				-X1	15	2		=100/12.1			
=		3	=100-6M1	W		3				-X1	16	3		=100/12.1			
=		PE	=100-6M1	PE		PE				-X1	PE	PE		=100/12.2			

		DATE	18.Nov.2014	KLEEMANN GMBH				 	STECKER +M-6X1/ PLUG +M-6X1	KLEEMANN SERIES	K007	= KLE	+
		EDITED	JHE	MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	37

# Cable overview

TPS\_PST2 15.04.2003

Cable id	Cable name	Source from	Target to	Cable type	Total Cores	used Cores	Cross section mm <sup>2</sup>	Length m	Remark	Graphics Page
-03W1				OELFLEX Tray II	5G	4	-	-		/10
		-0X06	=100+M-E1		5G	2	-	-		/10
		-0X07	=100+M-E2		5G	2	-	-		/10
-03W2		-0X0	=100+M-B1	OELFLEX Tray II	3G	3G	-	-		/11
-06W1		-X0	=100+M-0S01	OELFLEX 540P	5G	4	1	-		/12
-06W2		-X0	+M-XS2	OELFLEX 540P	5G	4	1	-		/13
-06W3		-X0	=100+M-0S03	OELFLEX 540P	5G	4	1	-		/14
-06W4		-X0	=100+M-0S04	OELFLEX 540P	5G	4	1	-		/15
-06W5		-X0	+M-XS5	OELFLEX 540P	5G	4	1	-		/16
-06W6		-X0	=100+M-0S06	OELFLEX 540P	5G	4	1	-		/17
-06W7		-X0	=100+M-0S07	OELFLEX 540P	5G	4	1	-		/18
-06W8		-4X2	=100+M-0S08	OELFLEX 540P	5G	4	1	-		/19
-07W1		-XK	=100+M-Y9	OELFLEX Tray II	3G	2	-	-		/22
-07W2		-XK	=100+M-1H2	OELFLEX Tray II	3G	2	-	-		/23
-07W3		-X6	=100+M-00H2	OELFLEX Tray II	3G	2	-	-		/24
-07W4		-X6	=100+M-00H3	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		-X1	=100+M-5M1	OELFLEX Tray II	4G	4G	-	-		/30
-11W3		-X1	=100+M-5M2	OELFLEX Tray II	4G	4G	-	-		/31
-12W1		-X1	+M-6X1	OELFLEX Tray II	4G	4G	-	-		/32
-12W2		+M-6X1	=100+M-6M1	OELFLEX Tray II	4G	4G	-	-		/33
-12W3		-X1	=100+M-6X2	OELFLEX Tray II	4G	4G	-	-		/34
-12W4		-X1	=100+M-7M1	OELFLEX Tray II	4G	4G	-	-		/35
-13W1		-X1	=100+M-9M1	OELFLEX Tray II	4G	4G	-	-		/36
-13W2		-X1	=100+M-WP	OELFLEX Tray II	3G	3G	-	-		/37
-13W3		-X1	=100+M-13M1	OELFLEX Tray II	4G	4G	-	-		/38
-14W1		-X8	=100+M-8M1	OELFLEX FD855CP	4G+Schirm	4G	2.5	-		/39
-14W3		-X8	=100+M-8M2	OELFLEX FD855CP	4G+Schirm	4G	2.5	-		/40
-36W1		-XLS	=100+M-LR	UNITRONIC	3+Schirm	2	0.5	-		/41
-36W2		-XLS	=100+M-LT	UNITRONIC	3+Schirm	2	0.5	-		/42
-37W1		-XG	+M-XG	OELFLEX Tray II	4G	2	-	-		/43
-37W2		-XG	+M-XG	OELFLEX Tray II	18G	12	-	-		/44

=KLE/37

2

DATE		13.Mai.2013		KLEEMANN GMBH		  KABELUEBERSICHT/ CABLE SURVEY		KLEEMANN SERIES		K007		= KAB		+	
EDITED		PC1		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 1	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 49			





**INTERCONNECTION DIAGRAM**

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

CABLE NAME <b>-03W1</b>					CABLE TYPE <b>OELFLEX Tray II</b>					
REMARK					NO. OF CORES <b>5G</b>		CROSS SECTION <b>-</b>		CABLE LENGTH <b>-</b>	
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					
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		
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		

# INTERCONNECTION DIAGRAM

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

CABLE NAME <b>-06W1</b>	CABLE TYPE <b>OELFLEX 540P</b>
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REMARK	NO. OF CORES <b>5G</b>	CROSS SECTION <b>1</b>	CABLE LENGTH <b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
E-STOP PUSH-BUTTON	=100/6.0	-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				

11 13

**INTERCONNECTION DIAGRAM**

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

CABLE NAME <b>-06W2</b>	CABLE TYPE <b>OELFLEX 540P</b>
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REMARK	NO. OF CORES <b>5G</b>	CROSS SECTION <b>1</b>	CABLE LENGTH <b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
E-STOP PUSH-BUTTON	=100/6.0	-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						

# INTERCONNECTION DIAGRAM

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

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

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



**INTERCONNECTION DIAGRAM**

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



**INTERCONNECTION DIAGRAM**

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

CABLE NAME <b>-06W8</b>	CABLE TYPE <b>OELFLEX 540P</b>
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REMARK	NO. OF CORES <b>5G</b>	CROSS SECTION <b>1</b>	CABLE LENGTH <b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
E-STOP PUSH-BUTTON	=100/6.5	-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**

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

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

**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
				PE				

20 22

		DATE	13.Mai.2013		KLEEMANN GMBH			-06W15		KLEEMANN SERIES	<b>K007</b>	= <b>KAB</b>	+
		EDITED	PC1		MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	<b>2315435</b>	CAE-SYSTEM:	EPLAN 5.70	PG.	<b>21</b>
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.		REP.T.			PG.	<b>49</b>	

INTERCONNECTION DIAGRAM

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

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		13.Mai.2013		KLEEMANN GMBH		 	KLEEMANN SERIES		K007		= KAB		+		
EDITED		PC1		MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM:		EPLAN 5.70		
CONTR.	D. MALLKOWSKY										PG.		22		
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.		49	

INTERCONNECTION DIAGRAM

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

CABLE NAME -07W2				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	
RUN WARNING	=100/7.6	-XK	1	1	=100+M-1H2	A1	=100/7.6	RUN WARNING	
RUN WARNING	=100/7.6	-XK	2	2	=100+M-1H2	A2	=100/7.6	RUN WARNING	
				PE					

DATE	13.Mai.2013	KLEEMANN GMBH	 	-07W2	KLEEMANN SERIES	K007	= KAB	+
EDITED	PC1	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM:
CONTR.	D. MALLKOWSKY						EPLAN 5.70	PG. 49
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

**INTERCONNECTION DIAGRAM**

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

CABLE NAME <b>-07W3</b>				CABLE TYPE <b>OELFLEX Tray II</b>					
REMARK				NO. OF CORES <b>3G</b>		CROSS SECTION <b>-</b>		CABLE LENGTH <b>-</b>	
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					



INTERCONNECTION DIAGRAM

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

CABLE NAME -07W4					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		
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	13.Mai.2013	KLEEMANN GMBH	 	-07W4		KLEEMANN SERIES	K007	= KAB	+
					EDITED	PC1			MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM:
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					EPLAN 5.70	PG.	49

# INTERCONNECTION DIAGRAM

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

CABLE NAME -10W1					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		
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		

INTERCONNECTION DIAGRAM

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

CABLE NAME						CABLE TYPE			
-10W2						OELFLEX Tray II			
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	
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**

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

CABLE NAME <b>-10W3</b>					CABLE TYPE <b>OELFLEX Tray II</b>					
REMARK					NO. OF CORES <b>4G</b>		CROSS SECTION <b>-</b>		CABLE LENGTH <b>-</b>	
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		

DATE	13.Mai.2013	KLEEMANN GMBH	 	-10W3	KLEEMANN SERIES	K007	= KAB	+
EDITED	PC1				MOBICAT MC 120 Z US	KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 49
MODIFICAT.	DATE	NAME	NORM	DIN				

# INTERCONNECTION DIAGRAM

CABLE NAME <b>-11W1</b>				CABLE TYPE <b>OELFLEX Tray II</b>							
REMARK				NO. OF CORES <b>4G</b>				CROSS SECTION <b>-</b>		CABLE LENGTH <b>-</b>	
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	=100/11.1	CONVEYOR BELT 4			
CONVEYOR BELT 4	=100/11.1	-4X1	3	3	=100+M-4M1	W	=100/11.1	CONVEYOR BELT 4			
CONVEYOR BELT 4	=100/11.2	-4X1	PE	PE	=100+M-4M1	PE	=100/11.1	CONVEYOR BELT 4			

INTERCONNECTION DIAGRAM

CABLE NAME <b>-11W2</b>						CABLE TYPE <b>OELFLEX Tray II</b>					
REMARK						NO. OF CORES <b>4G</b>		CROSS SECTION <b>-</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT			
SHAKING CONVEYOR 5 BELOW	=100/11.4	-X1	8	1	=100+M-5M1	U	=100/11.4	SHAKING CONVEYOR 5 BELOW			
SHAKING CONVEYOR 5 BELOW	=100/11.4	-X1	9	2	=100+M-5M1	V	=100/11.4	SHAKING CONVEYOR 5 BELOW			
SHAKING CONVEYOR 5 BELOW	=100/11.4	-X1	10	3	=100+M-5M1	W	=100/11.4	SHAKING CONVEYOR 5 BELOW			
SHAKING CONVEYOR 5 BELOW	=100/11.5	-X1	PE	PE	=100+M-5M1	PE	=100/11.4	SHAKING CONVEYOR 5 BELOW			

DATE	13.Mai.2013	KLEEMANN GMBH	 	-11W2	KLEEMANN SERIES	K007	= KAB	+	
EDITED	PC1	MOBICAT MC 120 Z US		KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM:	EPLAN 5.70	PG.	30
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	49
MODIFICAT.	DATE	NAME	NORM	DIN					

# INTERCONNECTION DIAGRAM

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

CABLE NAME					CABLE TYPE				
-11W3					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	
SHAKING CONVEYOR 5 TOP	=100/11.7	-X1	11	1	=100+M-5M2	U	=100/11.7	SHAKING CONVEYOR 5 TOP	
SHAKING CONVEYOR 5 TOP	=100/11.7	-X1	12	2	=100+M-5M2	V	=100/11.7	SHAKING CONVEYOR 5 TOP	
SHAKING CONVEYOR 5 TOP	=100/11.7	-X1	13	3	=100+M-5M2	W	=100/11.7	SHAKING CONVEYOR 5 TOP	
SHAKING CONVEYOR 5 TOP	=100/11.7	-X1	PE	PE	=100+M-5M2	PE	=100/11.7	SHAKING CONVEYOR 5 TOP	

# 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														

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DATE		13.Mai.2013		KLEEMANN GMBH		WIRTGEN GROUP		-12W1		KLEEMANN SERIES		K007		= KAB		+	
EDITED		PC1		MOBICAT MC 120 Z US		KLEEMANN				KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM:		PG. 32	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.						EPLAN 5.70		PG. 49	
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

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

CABLE NAME <b>-12W3</b>				CABLE TYPE <b>OELFLEX Tray II</b>				
REMARK				NO. OF CORES <b>4G</b>		CROSS SECTION <b>-</b>	CABLE LENGTH <b>-</b>	
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 13.Mai.2013	KLEEMANN GMBH				-12W3		KLEEMANN SERIES K007	= KAB	+
				EDITED PC1	MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO 2315435	CAE-SYSTEM: EPLAN 5.70	PG. 34
				CONTR. D. MALLKOWSKY									PG. 49
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						

# INTERCONNECTION DIAGRAM

CABLE NAME				CABLE TYPE					
-12W4				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	
VIBRATING SCREEN 7	=100/12.4	-X1	17	1	=100+M-7M1	U	=100/12.4	VIBRATING SCREEN 7	
VIBRATING SCREEN 7	=100/12.4	-X1	18	2	=100+M-7M1	V	=100/12.4	VIBRATING SCREEN 7	
VIBRATING SCREEN 7	=100/12.4	-X1	19	3	=100+M-7M1	W	=100/12.4	VIBRATING SCREEN 7	
VIBRATING SCREEN 7	=100/12.5	-X1	PE	PE	=100+M-7M1	PE	=100/12.4	VIBRATING SCREEN 7	

MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	KLEEMANN GMBH MOBICAT MC 120 Z US	 	-12W4	KLEEMANN SERIES <b>K007</b>	= KAB	+
											KLEEMANN MATERIAL NO <b>2315435</b>	CAE-SYSTEM: EPLAN 5.70	PG. <b>35</b>
												PG. <b>49</b>	

**INTERCONNECTION DIAGRAM**

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

CABLE NAME						CABLE TYPE			REMARK		
-13W1						OELFLEX Tray II					
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			
HYDRAULIC 9	=100/13.1	-X1	20	1	=100+M-9M1	U	=100/13.1	HYDRAULIC 9			
HYDRAULIC 9	=100/13.1	-X1	21	2	=100+M-9M1	V	=100/13.1	HYDRAULIC 9			
HYDRAULIC 9	=100/13.1	-X1	22	3	=100+M-9M1	W	=100/13.1	HYDRAULIC 9			
HYDRAULIC 9	=100/13.2	-X1	PE	PE	=100+M-9M1	PE	=100/13.1	HYDRAULIC 9			





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								

DATE				13.Mai.2013				KLEEMANN GMBH				  -14W1		KLEEMANN SERIES		K007		= KAB		+	
EDITED				PC1				MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 39	
CONTR.				D. MALLKOWSKY				ORIGIN				REP.F.		REP.T.				PG. 49			

**INTERCONNECTION DIAGRAM**

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

CABLE NAME	<b>-14W3</b>	CABLE TYPE	<b>OELFLEX FD855CP</b>
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REMARK		NO. OF CORES	<b>4G+Schirm</b>	CROSS SECTION	<b>2.5</b>	CABLE LENGTH	<b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
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				

39			DATE	13.Mai.2013	KLEEMANN GMBH	 	-14W3	KLEEMANN SERIES	K007	= KAB	+
		EDITED	PC1		MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM:	EPLAN 5.70
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 49



**INTERCONNECTION DIAGRAM**

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

CABLE NAME -36W1					CABLE TYPE UNITRONIC				
REMARK					NO. OF CORES 3+Schirm		CROSS SECTION 0.5		CABLE LENGTH -
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
				WH					
LIGHT BARRIER CRUSHER	=100/36.2	-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					

**INTERCONNECTION DIAGRAM**

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				

# INTERCONNECTION DIAGRAM

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

CABLE NAME	<b>-37W1</b>	CABLE TYPE	<b>OELFLEX Tray II</b>
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REMARK	NO. OF CORES	<b>4G</b>	CROSS SECTION	<b>-</b>	CABLE LENGTH	<b>-</b>
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
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				

**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		13.Mai.2013		KLEEMANN GMBH		  -37W2		KLEEMANN SERIES		K007		= KAB		+	
EDITED		PC1		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM: EPLAN 5.70		PG. 44	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 49			

**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		13.Mai.2013		KLEEMANN GMBH		 		-41W1		KLEEMANN SERIES		K007		= KAB		+	
EDITED		PC1		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2315435		CAE-SYSTEM:		EPLAN 5.70		PG. 45	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.						PG. 49			

INTERCONNECTION DIAGRAM

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

CABLE NAME <b>-41W2</b>						CABLE TYPE <b>OELFLEX 491P</b>					
REMARK						NO. OF CORES <b>5G</b>		CROSS SECTION <b>-</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT			
RUN CHAIN LEFT (MANUAL)	=100/41.8	-X22	A2	1	=100+M-Y5B	A2	=100/41.7	RUN CHAIN RIGHT (REMOTE)			
RUN CHAIN LEFT (MANUAL)	=100/41.8	-X22	B2	2	=100+M-Y5B	B2	=100/41.7	RUN CHAIN RIGHT (REMOTE)			
RUN CHAIN LEFT (REMOTE)	=100/41.6	-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 <b>-41W3</b>					CABLE TYPE <b>OELFLEX 491P</b>					
REMARK					NO. OF CORES <b>5G</b>		CROSS SECTION <b>-</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
RUN CHAIN RIGHT (MANUAL)	=100/41.7	-X22	A1	1	=100+M-Y4B	A1	=100/41.6	RUN CHAIN RIGHT (REMOTE)		
RUN CHAIN RIGHT (MANUAL)	=100/41.7	-X22	B1	2	=100+M-Y4B	B1	=100/41.6	RUN CHAIN RIGHT (REMOTE)		
RUN CHAIN RIGHT (REMOTE)	=100/41.7	-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						

# INTERCONNECTION DIAGRAM

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

CABLE NAME <b>-41W4</b>					CABLE TYPE <b>OELFLEX Tray II</b>					
REMARK					NO. OF CORES <b>7G</b>		CROSS SECTION <b>-</b>		CABLE LENGTH <b>-</b>	
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						





# Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
-XOUT	1	Anbaugehaeuse 16-pol. mit 2 Buegeln	ILME GmbH	M10020941	=A0/19.6	CHI 16
-XOUT	1	Tuellengehaeuse 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	Anbaugehaeuse ohne Kabelausgang	ILME GmbH	CKAX 03 IA	=A0/19.6	2454383
-3X2	1	Tuellengehaeuse 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	Anbaugehaeuse 16-pol. mit 2 Buegeln	ILME GmbH	M10020941	=A0/19.6	CHI 16
-4X1	1	Tuellengehaeuse M32 mit Bolzen für 2 Bügel	ILME GmbH	MHO 16.32	=A0/19.6	MHO 16.32
-4X2	1	Stifteinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011804	=A0/19.6	CKM 04
-4X2	1	Buchseneinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011805	=A0/19.6	CKF 04
-4X2	1	Anbaugehaeuse ohne Kabelausgang	ILME GmbH	CKAX 03 IA	=A0/19.6	2454383
-4X2	1	Tuellengehaeuse mit Bolzen	ILME GmbH	MKA V20	=A0/19.6	M10011803
=100-0P1	1	Amperemeter 800/1600/5A	Langer Messtechnik GmbH	M10009940	=100/1.1	RQ 72 E 800/1600/5A
=100-0T02	1	Summenstromwandler 500mA fuer FI-Relais Typ MFR	Doepke	MF1W 105/0,5	=100/1.1	MF1W 105/0,5
=100-0Q1	1	Leistungsschalter 3p 600A BG3 NZMN3-AE600-NA	Moeller	M00000003	=100/1.1	NZMN3-AE600-NA
=100-0Q1	1	Hauptschalterbausatz f. NZM3, N3	Moeller	NZM3-XTVDVR-NA	=100/1.1	NZM3-XTVDVR-NA
=100-0Q1	1	Unterspannungsausloeser mit 2 VHI NZM2/3-XUHVIC380-440AC	Moeller	M10017491	=100/1.1	NZM2/3-XUHVIC380-440AC
=100-0Q1	1	Kontaktelement 1S Front M22-CK10	Moeller	M10016214	=100/1.1	M22-CK10
=100-0Q1	4	Sammelschienenhalter 3polig 60mm Schienenabstand	Rittal GmbH & Co. KG	SV 9340.050	=100/1.1	SV 9340.050
=100-0Q1	2	Endabdeckung	Rittal GmbH & Co. KG	2196968	=100/1.1	SV 9340.070
=100-0Q1	2	Bodenwanne Laenge 900 mm	Rittal GmbH & Co. KG	SV 9340.120	=100/1.1	SV 9340.120
=100-0T01	1	Stromwandler AC 40 800/5A	Langer Messtechnik GmbH	M00000010	=100/1.1	TAC 40 800/5A
=100-0F00	1	Sicherungshalter 2-pol. 600V, 30A	Woehner GmbH & Co. KG	31 296	=100/1.2	31 296
=100-0F00	2	Sicherungseinsatz Gr.10 x 38 2A, 600V AC	Woehner GmbH & Co. KG	M10025367	=100/1.2	31 245
=100-PE	2	Sammelschienenhalter 1polig	Rittal GmbH & Co. KG	SV 9340.030	=100/1.2	SV 9340.030
=100-0F01	1	FI-Steuerschalter 2S, 500V, 16A	Doepke	M10016345	=100/1.3	MFR
=100-0SS	1	Schlüsselschalter, mit Halter 2 Schaltstellungen O-I, verrastend	Siemens	3SB30 00-4HD01	=100/1.6	3SB30 00-4HD01
=100-0SS	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/1.6	3SB39 25-0AV
=100-0SS	1	IVS-Hutschienenadapter	Klöckner Moeller	M10018771	=100/1.6	M22-IVS
=100-TS1	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/1.7	3SE5232-0PC05
=100-TS2	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/1.7	3SE5232-0PC05
=100-TS3	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/1.7	3SE5232-0PC05
=100-TS4	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/1.7	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	Stecksocket mit Relais 2 Wechsler 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

=KAB/49

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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 2315435		CAE-SYSTEM: EPLAN 5.70		PG. 1	
CONTR.		D. MALLKOWSKY												PG. 12	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								

# Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=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 Geraeteadapter 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 10E 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+10E , rastend , mit Drehentriegelung	Siemens	3SB32 01-1HA20-0CC0	=100/6.6	3SB32 01-1HA20-0CC0
=100-0S00	2	Schaltelement 10E 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	Buchseinsatz 10-polig +PE 16A max, 500V	ILME GmbH	2302895	=100/6.7	CSEF 10
=100+S-XSBT1	1	Anbauehaeuse 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-KN1	1	Hilfsschuetz SIRIUS 2S+2OE 24VDC, Cage Clamp	Siemens	2256202	=100/6.1.2	3RH2122-2BB40
=100-KN2	1	Hilfsschuetz SIRIUS 2S+2OE 24VDC, Cage Clamp	Siemens	2256202	=100/6.1.2	3RH2122-2BB40
=100-D1	1	Sicherheitsschaltgerät PNOZ S4 3S 10E, 24V DC	Pilz GmbH & Co.	M10020898	=100/6.1.3	PNOZ S4
=100-D2	1	Sicherheitsschaltgerät PNOZ S5 2S 2SOV, 24V DC	Pilz GmbH & Co.	M10020897	=100/6.1.7	PNOZ S5
=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
=100-0F3	1	Sicherungsautomat 1-polig Typ C 6A 400V AC/220V DC	Siemens	M10019164	=100/7.3	5SY6 106-7
=100-0F3	1	Hilfsschalter 1S 10E fuer LS-Schalter T=70mm	Siemens	M10019130	=100/7.3	5ST3 010
=100-0S1	1	Schluesselschalter, O-I Ronis 1S mit Halter	Siemens	M10021350	=100/7.3	3SB32 02-4AD11-0CC0
=100-0S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/7.3	3SB39 25-0AV
=100-0K1	1	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	Rueckfahrwarnner 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
=100-1T1	1	Stromwandler AC 32 500/5A	Langer Messtechnik GmbH	M00000009	=100/8.1	TAC 32 500/5A
=100-1T2	1	Stromwandler AC 32 500/5A	Langer Messtechnik GmbH	M00000009	=100/8.1	TAC 32 500/5A
=100-1T3	1	Stromwandler AC 32 500/5A	Langer Messtechnik GmbH	M00000009	=100/8.1	TAC 32 500/5A
=100-1P1	1	Amperemeter 500/1000/5A	Langer Messtechnik GmbH	M10011872	=100/8.2	RQ 72 E 500/1000/5A

DATE	04.Dez.2015	KLEEMANN GMBH	 	STUECKLISTE	KLEEMANN SERIES	K007	= STK	+
EDITED	JBR				KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM:	PG.
CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z US	REP.T.	EPLAN 5.70			PG.	12
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

# Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-1K01	1	Ueberwachungsrelais 1 Wechsler, 24-240V AC/DC, 0,1-10A AC/DC	Siemens	M10014275	=100/8.3	3UG46 22-2AW30
=100-1F1	1	Ueberwachungsrelais 1,6-16A, 1W, 24-240V AC/DC	Siemens	2374312	=100/8.3	3RR2241-2FW30
=100-1F1	1	Traeger fuer Einzelaufstellung f. 3RU21/3RB30/3RB31 Gr. S00	Siemens	2374313	=100/8.3	3RU2916-3AC01
=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	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/10.1	SV 9340.310
=100-2Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/10.1	SV 9342.850
=100-2F1	1	Sicherungsautomat 3-polig Typ C 25A 240V AC/60V DC	Siemens	5SJ4325-7HG41	=100/10.4	5SJ4325-7HG41
=100-2F1	1	Hilfsschalter 1S 1OE 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	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/10.7	SV 9340.310
=100-3Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/10.7	SV 9342.850
=100-3X1	1	Einbauschukosteckdose Typ: ME 520R7W 5-Pol 480V/20A	Mennekes	60336MZ	=100/10.7	60336MZ
=100-4Q1	1	Leistungsschalter 27-32A mit Hilfsschalter,fuer Motorschutz	Siemens	3RV2021-4EA15	=100/11.1	3RV2021-4EA15
=100-4Q1	1	OM Adapter 32A,690V	Rittal GmbH & Co. KG	2196715	=100/11.1	SV 9340.460
=100-4Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/11.1	SV 9342.850
=100-4F1	1	Ueberwachungsrelais 4-40A, 1W, 24-240V AC/DC	Siemens	2305008	=100/11.2	3RR2242-2FW30
=100-4F1	1	Traeger fuer Einzelaufstellung f. 3RU21/3RB30/3RB31 Gr. S0	Siemens	2305012	=100/11.2	3RU2926-3AC01
=100-5Q1	1	Leistungsschalter 7-10A mit Hilfsschalter,fuer Motorschutz	Siemens	2255708	=100/11.4	3RV2011-1JA15
=100-5Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/11.4	SV 9340.310
=100-5Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/11.4	SV 9342.850
=100-5F1	1	Ueberwachungsrelais 1,6-16A, 1W, 24-240V AC/DC	Siemens	2374312	=100/11.5	3RR2241-2FW30
=100-5F1	1	Traeger fuer Einzelaufstellung f. 3RU21/3RB30/3RB31 Gr. S00	Siemens	2374313	=100/11.5	3RU2916-3AC01
=100-5Q2	1	Leistungsschalter 7-10A mit Hilfsschalter,fuer Motorschutz	Siemens	2255708	=100/11.7	3RV2011-1JA15
=100-5Q2	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/11.7	SV 9340.310
=100-5Q2	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/11.7	SV 9342.850
=100-5F2	1	Ueberwachungsrelais 1,6-16A, 1W, 24-240V AC/DC	Siemens	2374312	=100/11.7	3RR2241-2FW30
=100-5F2	1	Traeger fuer Einzelaufstellung f. 3RU21/3RB30/3RB31 Gr. S00	Siemens	2374313	=100/11.7	3RU2916-3AC01
=100-6Q1	1	Leistungsschalter 11-16A mit Hilfsschalter,fuer Motorschutz	Siemens	2255713	=100/12.1	3RV2011-4AA15
=100-6Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/12.1	SV 9340.310
=100-6Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/12.1	SV 9342.850
=100-7F1	1	Sicherungsautomat 3-polig Typ C 63A 240V AC/60V DC	Siemens	5SJ4363-7HG41	=100/12.4	5SJ4363-7HG41
=100-7F1	1	Hilfsschalter 1S 1OE fuer 5SJ LS-Schalter T=70mm	Siemens	5ST3010-OHG	=100/12.4	5ST3010-OHG
=100-7F1	1	OM Adapter 65A, 690V	Rittal GmbH & Co. KG	2196712	=100/12.4	SV 9340.410
=100-7F2	1	Ueberwachungsrelais 4-40A, 1W, 24-240V AC/DC	Siemens	2305008	=100/12.5	3RR2242-2FW30
=100-7F2	1	Traeger fuer Einzelaufstellung f. 3RU21/3RB30/3RB31 Gr. S0	Siemens	2305012	=100/12.5	3RU2926-3AC01
=100-9Q1	1	Leistungsschalter 7-10A mit Hilfsschalter,fuer Motorschutz	Siemens	2255708	=100/13.1	3RV2011-1JA15
=100-9Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/13.1	SV 9340.310
=100-9Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/13.1	SV 9342.850
=100-10Q1	1	Leistungsschalter 4,5-6,3A mit Hilfsschalter,fuer Motorschutz	Siemens	2255703	=100/13.3	3RV2011-1GA15
=100-10Q1	1	OM Adapter 32A,690V, UL 508	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

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MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG. 12			

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=100-13Q1	1	Leistungsschalter 0,28-0,4A mit Hilfsschalter,fuer Motorschutz	Siemens	2255735	=100/13.6	3RV2011-0EA15
=100-13Q1	1	OM Adapter 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/13.6	SV 9340.310
=100-8Q1	1	Steuerschalter 4-pol 12kW 400V 32A	Moeller	M10013874	=100/14.1	T3-4-8223/E
=100-8A1	1	Frequenzumrichter 380-480V, 25/29A, 50-60Hz, 11/15kW	Control Techniques	M20000268	=100/14.2	SK 2403
=100-8F1	1	Sicherungsautomat 3-polig Typ C 35A 240V AC/60V DC	Siemens	5SJ4335-7HG41	=100/14.2	5SJ4335-7HG41
=100-8F1	1	Hilfsschalter 1S 1OE fuer 5SJ LS-Schalter T=70mm	Siemens	5ST3010-0HG	=100/14.2	5ST3010-0HG
=100-8F1	1	OM Adapter 32A,690V	Rittal GmbH & Co. KG	2196715	=100/14.2	SV 9340.460
=100-8L1	1	Netzdrossel 28,8A, max.600V 50-60Hz	Control Techniques	KDD 0,4/N/600V/28,8A/4UK	=100/14.2	KDD 0,4/N/600V/28,8A/4UK
=100-8F2	1	Ueberlastrelais 7-10A, 1S+1OE f.Einzelaufstellung	Siemens	2255404	=100/14.2	3RU2116-1JC1
=100-8F3	1	Ueberlastrelais 7-10A, 1S+1OE f.Einzelaufstellung	Siemens	2255404	=100/14.4	3RU2116-1JC1
=100-RB	1	Bremswiderstand SP 100W 400V 37,5 Ohm	Control Techniques	M10020877	=100/14.7	SP
=100-SC	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	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 256kB Anwenderspeicher, 24V DC	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 256 Zaehler, 48kByte RAM	VIPA GmbH	M10020750	=100/17.2	VIPA 214-1BA02
=100-A0_CPU	1	Busverbinder 4-fach	VIPA GmbH	M10021064	=100/17.2	290-0AA40
=100-A0_CPU	1	Busverbinder 8-fach	VIPA GmbH	M10021063	=100/17.2	290-0AA80
=100-A0_2	1	Ein-/ausgabebaugruppe SM 238 12DE+4DIO,3AE+1Pt100,2AA,24V DC	VIPA GmbH	M10020887	=100/17.2	SM 238-2BC00
=100-A0_3	1	Digitalausgabebaugruppe SM 222 16DO, 24V DC, 1A	VIPA GmbH	M10021058	=100/17.3	SM 222-1BH10
=100-A0_4	1	Digitaleingabebaugruppe SM 221 32DE, 24VDC	VIPA GmbH	M10021059	=100/17.4	SM 221-2BL10
=100-A0_5	1	Digitaleingabebaugruppe SM 221 32DE, 24VDC	VIPA GmbH	M10021059	=100/17.5	SM 221-2BL10
=100-A0_6	1	Digitalausgabebaugruppe SM 222 32DO, 24V DC, 1A	VIPA GmbH	M10021060	=100/17.6	SM 222-2BL10
=100-1K1	1	Stecksöckel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/22.1	788-312
=100-1K08	1	Schuetz, 3kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256180	=100/22.5	3RT2015-2BB41
=100-2KC1	1	Schuetz, 3kW/400V 3H 1OE 24V DC, Cage-Clamp	Siemens	2256178	=100/23.1	3RT2015-2BB42
=100-2KC2	1	Schuetz, 3kW/400V 3H 1OE 24V DC, Cage-Clamp	Siemens	2256178	=100/23.2	3RT2015-2BB42
=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

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=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	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	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	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	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	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	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	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	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	Siemens	M10020706	=100/26.4	3SB32 45-0AA41-0CC0
=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, schwarz, 1S, 1S	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 3H 1S+1OE, 24V DC, ohne Varistor,	Siemens	2268888	=100/32.1	3RT2027-2BB40
=100-8KC1	1	Schuetz 15kW/400V 3H 1S+1OE, 24V DC, ohne Varistor,	Siemens	2268888	=100/32.2	3RT2027-2BB40
=100-9KC1	1	Schuetz, 5,5kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/32.3	3RT2017-2BB41
=100-10KC1	1	Schuetz, 3kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256180	=100/32.4	3RT2015-2BB41
=100-00K2	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.7	788-312
=100-00K3	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.8	788-312
=100-8K2	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/33.2	788-312
=100-0H6	1	Leuchtmelder blau, mit glatter Linse LED integriert, 24V	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 LED integriert, 24V	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 LED integriert, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/34.3	3SB32 44-6AA60-0CC0

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=100-0H2.1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/34.3	3SB39 25-0AV
=100-LS1	1	Sockel fuer Relais LZX:MT32...	Siemens	M10010285	=100/36.1	LZX:MT78750
=100-LS1	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	M10021302	=100/36.1	3SB32 02-2KA11-0CC0
=100-LS1	1	Schutzkappe fuer 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 8mm breit, Cage Clamp	Wago GmbH & Co. KG	M10015067	=100/37.0	282-696
=100-GF1	1	Abschluss- und Zwischenplatte, orange 2mm dick	Wago GmbH & Co. KG	M10015068	=100/37.0	282-333
=100-GA1	1	Schlüsselschaltgeraet	AVS Aggregatebau	M10011598	=100/37.1	K26MUE_KSE_72
=100-GK1	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.1	788-312
=100-GK6	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.2	788-312
=100-GK61	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.6	788-312
=100-GK9	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.7	788-312
=100-GK9.1	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	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	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/38.4	788-312
=100-GKT1	1	Zeitrelais mit LED 1 Wechsler, Cage Clamp	Siemens	M10014285	=100/38.5	3RP15 25-2AP30
=100-GKT2	1	Zeitrelais mit LED 1 Wechsler, Cage Clamp	Siemens	M10014285	=100/38.8	3RP15 25-2AP30
=100-GS2	1	Drucktaster schwarz flacher Druckknopf, 1S	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 fuer 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-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-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-SN0	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	M10021302	=100/41.1	3SB32 02-2KA11-0CC0
=100-SN0	2	Schaltelement 1OE Einbautiefe 50mm	Siemens	M10017539	=100/41.1	3SB34 03-0C
=100-SN0	1	Schutzkappe fuer Knebel	Siemens	3SB39 21-0BA	=100/41.1	3SB39 21-0BA
=100-SN0	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/41.1	3SB39 25-0AV
=100-KGA1	1	Hilfsschuetz SIRIUS 2S+2OE 24VDC, Cage Clamp	Siemens	2256202	=100/41.2	3RH2122-2BB40
=100-KGA2	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.2	788-312
=100-KGA3	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.3	788-312
=100-8K04	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.4	788-312
=100-8K03	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.4	788-312

		DATE	04.Dez.2015	KLEEMANN GMBH		 	STUECKLISTE		KLEEMANN SERIES	K007	= STK	+
		EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2315435	CAE-SYSTEM: EPLAN 5.70	PG.	6	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	12



# Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
-XOUT	1	Attachment housing 16-pol. with 2 bow	ILME GmbH	M10020941	=A0/19.6	CHI 16
-XOUT	1	Plug housing 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
=100-0P1	1	Ammeter 800/1600/5a	Langer Messtechnik GmbH	M10009940	=100/1.1	RQ 72 E 800/1600/5A
=100-0T02	1	Summation current transformer 500ma	Doepke	MF1W 105/0,5	=100/1.1	MF1W 105/0,5
=100-0Q1	1	Power switch 3p 600A BG3	NZMN3-AE600-NA	Moeller	=100/1.1	NZMN3-AE600-NA
=100-0Q1	1	Main switch kit	f. NZM3, N3	Moeller	=100/1.1	NZM3-XTVDVR-NA
=100-0Q1	1	Undervoltage circuit breaker with 2 vhi	NZM2/3-XUHV3C380-440AC	Moeller	=100/1.1	NZM2/3-XUHV3C380-440AC
=100-0Q1	1	Contact element 1S Front	M22-CK10	Moeller	=100/1.1	M22-CK10
=100-0Q1	4	Busbar holder	3pol 60mm Bar distance	Rittal GmbH & Co. KG	=100/1.1	SV 9340.050
=100-0Q1	2	End cover		Rittal GmbH & Co. KG	=100/1.1	SV 9340.070
=100-0Q1	2	Base tray	Length 900 mm	Rittal GmbH & Co. KG	=100/1.1	SV 9340.120
=100-0T01	1	Current transformer ac 40	800/5A	Langer Messtechnik GmbH	=100/1.1	TAC 40 800/5A
=100-0F00	1	Fuse holder 2-pol.	600V, 30A	Woehner GmbH & Co. KG	=100/1.2	31 296
=100-0F00	2	Fuse link size 10 x 38	2A, 600V AC	Woehner GmbH & Co. KG	=100/1.2	31 245
=100-PE	2	Busbar holder	1pol	Rittal GmbH & Co. KG	=100/1.2	SV 9340.030
=100-0F01	1	RESIDUAL CURRENT DEVICE	2NO, 500V, 16A	Doepke	=100/1.3	MFR
=100-0SS	1	Key-operated switch, with Mounting support	2 Switching positions O-I, locked	Siemens	=100/1.6	3SB30 00-4HD01
=100-0SS	1	Tag holder		Siemens	=100/1.6	3SB39 25-0AV
=100-0SS	1	IVS-TOP HAT RAIL ADAPTOR		Klöckner Moeller	=100/1.6	M22-IVS
=100-TS1	1	Position switch	2S+1NC	Siemens	=100/1.7	3SE5232-0PC05
=100-TS2	1	Position switch	2S+1NC	Siemens	=100/1.7	3SE5232-0PC05
=100-TS3	1	Position switch	2S+1NC	Siemens	=100/1.7	3SE5232-0PC05
=100-TS4	1	Position switch	2S+1NC	Siemens	=100/1.7	3SE5232-0PC05
=100-0F06	1	Fuse holder 1-pol.	600V, 30A	Woehner GmbH & Co. KG	=100/3.1	31 295
=100-0F06	1	Fuse link size 10 x 38	6A, 600V AC	Woehner GmbH & Co. KG	=100/3.1	31 247
=100-0F07	1	Fuse holder 1-pol.	600V, 30A	Woehner GmbH & Co. KG	=100/3.3	31 295
=100-0F07	1	Fuse link size 10 x 38	6A, 600V AC	Woehner GmbH & Co. KG	=100/3.3	31 247
=100-0F08	1	Automatic circuit breaker one-pole type c	10A 230/400V	Siemens	=100/3.5	5SY6 110-7
=100-SX	1	Handle 2 switch positions, locking, black, 1no		Siemens	=100/3.7	3SB32 02-2KA11-0CC0
=100-SX	1	Protecting cap for Handle		Siemens	=100/3.7	3SB39 21-0BA
=100-SX	1	Tag holder		Siemens	=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	=100/3.7	788-312
=100-0F03	1	Fuse holder 3-pol.	600V, 30A	Woehner GmbH & Co. KG	=100/4.1	31 297
=100-0F03	3	Fuse link size 10 x 38	30A, 600V AC	Woehner GmbH & Co. KG	=100/4.1	31 252
=100-0F04	1	RESIDUAL CURRENT DEVICE	4pol 40A	ABB AG	=100/4.1	F204A-40/0,03
=100-0X5	1	Einbauschuksteckdose Typ: ME 530R7W	5-Pol 480V/30A	Menekes	=100/4.1	60380MZ

DATE		04.Dez.2015		KLEEMANN GMBH		 	PART'S LIST		KLEEMANN SERIES K007		= STK		+	
EDITED		JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2315435		CAE-SYSTEM: EPLAN 5.70		PG. 7	
CONTR.		D. MALLKOWSKY										PG. 12		
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							





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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-1K01	1	Monitoring relay 1 changeover cont.,24-240V AC/DC,0,1-10A AC/DC	Siemens	M10014275	=100/8.3	3UG46 22-2AW30
=100-1F1	1	Monitoring relay 1,6-16A, 1W, 24-240V AC/DC	Siemens	2374312	=100/8.3	3RR2241-2FW30
=100-1F1	1	Bearer for Stand-alone installation f. 3RU21/3RB30/3RB31 Gr. S00	Siemens	2374313	=100/8.3	3RU2916-3AC01
=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	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/10.1	SV 9340.310
=100-2Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/10.1	SV 9342.850
=100-2F1	1	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	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/10.7	SV 9340.310
=100-3Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/10.7	SV 9342.850
=100-3X1	1	Einbauschukosteckdose Typ: ME 520R7W 5-Pol 480V/20A	Mennekes	60336MZ	=100/10.7	60336MZ
=100-4Q1	1	Power switch 27-32A with auxiliary switch,for motor protecting	Siemens	3RV2021-4EA15	=100/11.1	3RV2021-4EA15
=100-4Q1	1	OM Adaptor 32A,690V	Rittal GmbH & Co. KG	2196715	=100/11.1	SV 9340.460
=100-4Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/11.1	SV 9342.850
=100-4F1	1	Monitoring relay 4-40A, 1W, 24-240V AC/DC	Siemens	2305008	=100/11.2	3RR2242-2FW30
=100-4F1	1	Bearer for Stand-alone installation f. 3RU21/3RB30/3RB31 Gr. S0	Siemens	2305012	=100/11.2	3RU2926-3AC01
=100-5Q1	1	Circuit breaker 7-10a with auxiliary switch,for motor protecting	Siemens	2255708	=100/11.4	3RV2011-1JA15
=100-5Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/11.4	SV 9340.310
=100-5Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/11.4	SV 9342.850
=100-5F1	1	Monitoring relay 1,6-16A, 1W, 24-240V AC/DC	Siemens	2374312	=100/11.5	3RR2241-2FW30
=100-5F1	1	Bearer for Stand-alone installation f. 3RU21/3RB30/3RB31 Gr. S00	Siemens	2374313	=100/11.5	3RU2916-3AC01
=100-5Q2	1	Circuit breaker 7-10a with auxiliary switch,for motor protecting	Siemens	2255708	=100/11.7	3RV2011-1JA15
=100-5Q2	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/11.7	SV 9340.310
=100-5Q2	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/11.7	SV 9342.850
=100-5F2	1	Monitoring relay 1,6-16A, 1W, 24-240V AC/DC	Siemens	2374312	=100/11.7	3RR2241-2FW30
=100-5F2	1	Bearer for Stand-alone installation f. 3RU21/3RB30/3RB31 Gr. S00	Siemens	2374313	=100/11.7	3RU2916-3AC01
=100-6Q1	1	Circuit breaker 11-16a with auxiliary switch,for motor protecting	Siemens	2255713	=100/12.1	3RV2011-4AA15
=100-6Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/12.1	SV 9340.310
=100-6Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/12.1	SV 9342.850
=100-7F1	1	Automatic circuit breaker three-pole type c 63A 240V AC/60V DC	Siemens	5SJ4363-7HG41	=100/12.4	5SJ4363-7HG41
=100-7F1	1	Auxiliary switch 1no 1nc for 5SJ LS-Switch T=70mm	Siemens	5ST3010-OHG	=100/12.4	5ST3010-OHG
=100-7F1	1	OM Adaptor 65A, 690V	Rittal GmbH & Co. KG	2196712	=100/12.4	SV 9340.410
=100-7F2	1	Monitoring relay 4-40A, 1W, 24-240V AC/DC	Siemens	2305008	=100/12.5	3RR2242-2FW30
=100-7F2	1	Bearer for Stand-alone installation f. 3RU21/3RB30/3RB31 Gr. S0	Siemens	2305012	=100/12.5	3RU2926-3AC01
=100-9Q1	1	Circuit breaker 7-10a with auxiliary switch,for motor protecting	Siemens	2255708	=100/13.1	3RV2011-1JA15
=100-9Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/13.1	SV 9340.310
=100-9Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/13.1	SV 9342.850
=100-10Q1	1	Circuit breaker 4,5-6,3a with auxiliary switch,for motor protecting	Siemens	2255703	=100/13.3	3RV2011-1GA15
=100-10Q1	1	OM Adaptor 32A,690V, UL 508	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

DATE		04.Dez.2015		KLEEMANN GMBH		 <b>WIRTGEN GROUP</b>		PART'S LIST		KLEEMANN SERIES <b>K007</b>		= <b>STK</b>		+	
EDITED		JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO <b>2315435</b>		CAE-SYSTEM: EPLAN 5.70		PG. <b>9</b>		PG. <b>12</b>	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-13Q1	1	Circuit breaker 0,28-0,4a with auxiliary switch,for motor protecting	Siemens	2255735	=100/13.6	3RV2011-0EA15
=100-13Q1	1	OM Adaptor 25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/13.6	SV 9340.310
=100-8Q1	1	Control switch 4-pol 12kw 400V 32A	Moeller	M10013874	=100/14.1	T3-4-8223/E
=100-8A1	1	Frequency converter 380-480V, 25/29A, 50-60Hz, 11/15kw	Control Techniques	M20000268	=100/14.2	SK 2403
=100-8F1	1	Automatic circuit breaker three-pole type c 35A 240V AC/60V DC	Siemens	5SJ4335-7HG41	=100/14.2	5SJ4335-7HG41
=100-8F1	1	Auxiliary switch 1no 1nc for 5SJ LS-Switch T=70mm	Siemens	5ST3010-0HG	=100/14.2	5ST3010-0HG
=100-8F1	1	OM Adaptor 32A,690V	Rittal GmbH & Co. KG	2196715	=100/14.2	SV 9340.460
=100-8L1	1	Line reactor 28,8A, max.600V 50-60Hz	Control Techniques	KDD 0,4/N/600V/28,8A/4UK	=100/14.2	KDD 0,4/N/600V/28,8A/4UK
=100-8F2	1	Overload relay 7-10a, 1no+1nc f.individual assembly	Siemens	2255404	=100/14.2	3RU2116-1JC1
=100-8F3	1	Overload relay 7-10a, 1no+1nc f.individual assembly	Siemens	2255404	=100/14.4	3RU2116-1JC1
=100-RB	1	Frame resistance SP 100W 400V 37,5 Ohm	Control Techniques	M10020877	=100/14.7	SP
=100-SC	1	Handle 2 switch positions, locking, black, 1no	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 256kB user memory, 24V DC	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 256 counter, 48kByte RAM	VIPA GmbH	M10020750	=100/17.2	VIPA 214-1BA02
=100-A0_CPU	1	Bus connector 4-fold	VIPA GmbH	M10021064	=100/17.2	290-0AA04
=100-A0_CPU	1	Bus connector 8-fold	VIPA GmbH	M10021063	=100/17.2	290-0AA80
=100-A0_2	1	In-/output module sm 238 12DI+4DIO,3AI+1PI100,2AO,24V DC	VIPA GmbH	M10020887	=100/17.2	SM 238-2BC00
=100-A0_3	1	Digital output module sm 222 16DO, 24V DC, 1A	VIPA GmbH	M10021058	=100/17.3	SM 222-1BH10
=100-A0_4	1	Digital input module sm 221 32DI, 24VDC	VIPA GmbH	M10021059	=100/17.4	SM 221-2BL10
=100-A0_5	1	Digital input module sm 221 32DI, 24VDC	VIPA GmbH	M10021059	=100/17.5	SM 221-2BL10
=100-A0_6	1	Digital output module sm 222 32DO, 24V DC, 1A	VIPA GmbH	M10021060	=100/17.6	SM 222-2BL10
=100-1K1	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/22.1	788-312
=100-1K08	1	Contact, 3kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256180	=100/22.5	3RT2015-2BB41
=100-2KC1	1	Contact, 3kw/400V 3H 1NC 24V DC, Cage-Clamp	Siemens	2256178	=100/23.1	3RT2015-2BB42
=100-2KC2	1	Contact, 3kw/400V 3H 1NC 24V DC, Cage-Clamp	Siemens	2256178	=100/23.2	3RT2015-2BB42
=100-3KC1	1	Contact, 5,5kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/23.3	3RT2017-2BB41
=100-2KC3	1	Contact, 11kw/400V 3H 1S+1NC 24V DC, Cage-Clamp	Siemens	2256200	=100/23.4	3RT2026-2BB40
=100-4KC1	1	Contact, 15kw/400V 3H 1S+1NC, 24V DC, without Varistor,	Siemens	2268888	=100/23.5	3RT2027-2BB40
=100-5KC1	1	Contact, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.6	3RT2016-2BB41
=100-5KC2	1	Contact, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.7	3RT2016-2BB41
=100-6KC1	1	Contact, 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	Siemens	3SB39 25-0AV	=100/24.1	3SB39 25-0AV
=100-S0.1	1	Push button red flat push button 1nc	Siemens	2219480	=100/24.2	3SB32 03-0AA21-0CC0
=100-S0.1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.2	3SB39 21-0AH
=100-S0.1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.2	3SB39 25-0AV
=100-S0.2	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/24.3	3SB32 02-2KA11-0CC0
=100-S0.2	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/24.3	3SB39 21-0BA
=100-S0.2	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.3	3SB39 25-0AV
=100-S0.3	1	Push button blue flat push button, 1no	Siemens	3SB32 02-0AA51-0CC0	=100/24.4	3SB32 02-0AA51-0CC0
=100-S0.3	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.4	3SB39 21-0AH
=100-S0.3	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.4	3SB39 25-0AV
=100-S0.4	1	Illuminated push button red, led integrated flat push button 1nc, uc 24v	Siemens	2219472	=100/24.5	3SB32 46-0AA21-0CC0
=100-S0.4	2	Switching element w.1 switch member 1no	Siemens	M10017540	=100/24.5	3SB34 03-0B

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EDITED JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2315435		CAE-SYSTEM: EPLAN 5.70		PG. 10	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG. 12		

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-S0.4	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.5	3SB39 21-0AH
=100-S0.4	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.5	3SB39 25-0AV
=100-2S2	1	Handle 3 switch positions, black, 1nc, 1nc	Siemens	3SB32 10-2DA11-0CC0	=100/24.6	3SB32 10-2DA11-0CC0
=100-2S2	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/24.6	3SB39 21-0BA
=100-2S2	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.6	3SB39 25-0AV
=100-2S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/24.7	3SB32 45-0AA41-0CC0
=100-2S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.7	3SB39 21-0AH
=100-2S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.7	3SB39 25-0AV
=100-3S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/24.8	3SB32 45-0AA41-0CC0
=100-3S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.8	3SB39 21-0AH
=100-3S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.8	3SB39 25-0AV
=100-4S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.1	3SB32 45-0AA41-0CC0
=100-4S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.1	3SB39 21-0AH
=100-4S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.1	3SB39 25-0AV
=100-5S1	1	Illuminated push button green, led integrated	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	Siemens	3SB39 25-0AV	=100/25.2	3SB39 25-0AV
=100-6S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.3	3SB32 45-0AA41-0CC0
=100-6S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.3	3SB39 21-0AH
=100-6S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.3	3SB39 25-0AV
=100-7S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.4	3SB32 45-0AA41-0CC0
=100-7S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.4	3SB39 21-0AH
=100-7S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.4	3SB39 25-0AV
=100-8S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.5	3SB32 45-0AA41-0CC0
=100-8S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.5	3SB39 21-0AH
=100-8S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.5	3SB39 25-0AV
=100-10S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.7	3SB32 45-0AA41-0CC0
=100-10S1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/25.7	3SB39 21-0AH
=100-10S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.7	3SB39 25-0AV
=100-9S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/26.4	3SB32 45-0AA41-0CC0
=100-9S1	1	Protecting cap 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	Contactactor 15kw/400V 3H 1S+1NC, 24V DC, without Varistor,	Siemens	2268888	=100/32.1	3RT2027-2BB40
=100-8KC1	1	Contactactor 15kw/400V 3H 1S+1NC, 24V DC, without Varistor,	Siemens	2268888	=100/32.2	3RT2027-2BB40
=100-9KC1	1	Contactactor, 5,5kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/32.3	3RT2017-2BB41
=100-10KC1	1	Contactactor, 3kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256180	=100/32.4	3RT2015-2BB41
=100-00K2	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.7	788-312
=100-00K3	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.8	788-312
=100-8K2	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/33.2	788-312
=100-0H6	1	Signal lamp blue, with smooth lens LED INTEGRATED, 24V	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 LED INTEGRATED, 24V	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 LED INTEGRATED, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/34.3	3SB32 44-6AA60-0CC0

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CONTR.		D. MALLKOWSKY												PG. 12	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-0H2.1	1	Tag holder	Siemens	3SB39 25-0AV	=100/34.3	3SB39 25-0AV
=100-LS1	1	Base for relay lxz.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 8mm wide, Cage Clamp	Wago GmbH & Co. KG	M10015067	=100/37.0	282-696
=100-GF1	1	Cover and distance plate, orange 2mm thick	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 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.1	788-312
=100-GK6	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.2	788-312
=100-GK61	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.6	788-312
=100-GK9	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.7	788-312
=100-GK9.1	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	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 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/38.4	788-312
=100-GKT1	1	Time-delay relay with led 1 changeover contact, Cage Clamp	Siemens	M10014285	=100/38.5	3RP15 25-2AP30
=100-GKT2	1	Time-delay relay with led 1 changeover contact, Cage Clamp	Siemens	M10014285	=100/38.8	3RP15 25-2AP30
=100-GS2	1	Push button black flat push button, 1no	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-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-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-SN0	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/41.1	3SB32 02-2KA11-0CC0
=100-SN0	2	Switching element 1nc Mounting depth 50mm	Siemens	M10017539	=100/41.1	3SB34 03-0C
=100-SN0	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/41.1	3SB39 21-0BA
=100-SN0	1	Tag holder	Siemens	3SB39 25-0AV	=100/41.1	3SB39 25-0AV
=100-KGA1	1	Auxiliary relay sirius 2NO+2NC 24VDC, Cage Clamp	Siemens	2256202	=100/41.2	3RH2122-2BB40
=100-KGA2	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.2	788-312
=100-KGA3	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.3	788-312
=100-8K04	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.4	788-312
=100-8K03	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.4	788-312