



# KLEEMANN

## ELECTRO - DOCUMENTATION

TYPE OF MACHINE : MOBICAT MC 120 Z EU      MANUFACTURED FOR : KLEEMANN GMBH  
KLEEMANN SERIES : K007      MANFRED-WÖRNER-STRASSE 160  
D-73037 GÖPPINGEN

KLEEMANN MATERIAL NO : 2388430\_01

MANUFACTURED BY : TPS GMBH

PHONE-NO. : +49/7161/206-0

PLC-CONTROL TYPE : VIPA SPS-CPU-214      FAX-NO. : +49/7161/206-100

LANGUAGE : DEUTSCH/ENGLISH      DATE : 26.Nov.2015

*Neue Bestellnummer  
New order number  
2305817\_00*

			DATE	26.Nov.2015	KLEEMANN GMBH			 <b>KLEEMANN</b>	DECKBLATT/ COVER SHEET	KLEEMANN SERIES	K007	= A0	+
			EDITED	JBR	MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 1
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	19

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EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG.		2	
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KLE		37	STECKER +M-XF1 PLUG +M-XF1		07.Okt.2015	JHE
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KAB		45	-37W1		07.Okt.2015	JHE
KAB		46	-37W2		07.Okt.2015	JHE
KAB		47	-41W1		07.Okt.2015	JHE
KAB		48	-41W2		07.Okt.2015	JHE
KAB		49	-41W3		07.Okt.2015	JHE
KAB		50	-41W4		07.Okt.2015	JHE
KAB		51	-41W5		07.Okt.2015	JHE
KAB		52	-06W11		07.Okt.2015	JHE
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KAB		55	-06W16		07.Okt.2015	JHE
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STK		4	STUECKLISTE		26.Nov.2015	OG
STK		5	STUECKLISTE		26.Nov.2015	OG
STK		6	STUECKLISTE		26.Nov.2015	OG
STK		7	STUECKLISTE		26.Nov.2015	OG
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STK		10	PART'S LIST		07.Okt.2015	JHE
STK		11	PART'S LIST		07.Okt.2015	JHE
STK		12	PART'S LIST		07.Okt.2015	JHE
STK		13	PART'S LIST		07.Okt.2015	JHE

# KLEMMLEISTENBEZEICHNUNG/ TERMINAL STRIP DESIGNATION

-OX0 = KLEMMLEISTE -OX0/  
TERMINAL STRIP -OX0

-OX06 =KLEMMLEISTE -OX06/  
TERMINAL STRIP -OX06

-OX07 = KLEMMENLEISTE -OX07/  
TERMINAL STRIP -OX07

-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

-X230 = KLEMMENLEISTE -X230/  
TERMINAL STRIP -X230

-XB = KLEMMENLEISTE -XB/  
TERMINAL STRIP -XB

-XF = KLEMMLEISTE -XF/  
TERMINAL STRIP -XF

-XGK = KLEMMENLEISTE -XGK/  
TERMINAL STRIP -XGK

-XK = KLEMMENLEISTE -XK/  
TERMINAL STRIP -XK

-XNG = KLEMMENLEISTE -XNG/  
TERMINAL STRIP -XNG

-XLS = KLEMMLEISTE -XLS  
TERMINAL STRIP -XLS

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

+M-5X1 = KLEMMLEISTE +M-5X1/  
TERMINAL STRIP +M-5X1

# STECKERBEZEICHNUNG/ PLUG DESIGNATION

-XOUT = STECKER -XOUT/  
PLUG -XOUT

-XIN = STECKER -XIN/  
PLUG -XIN

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

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

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

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

+M-XS1 = STECKER +M-XS1/  
PLUG +M-XS1

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

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

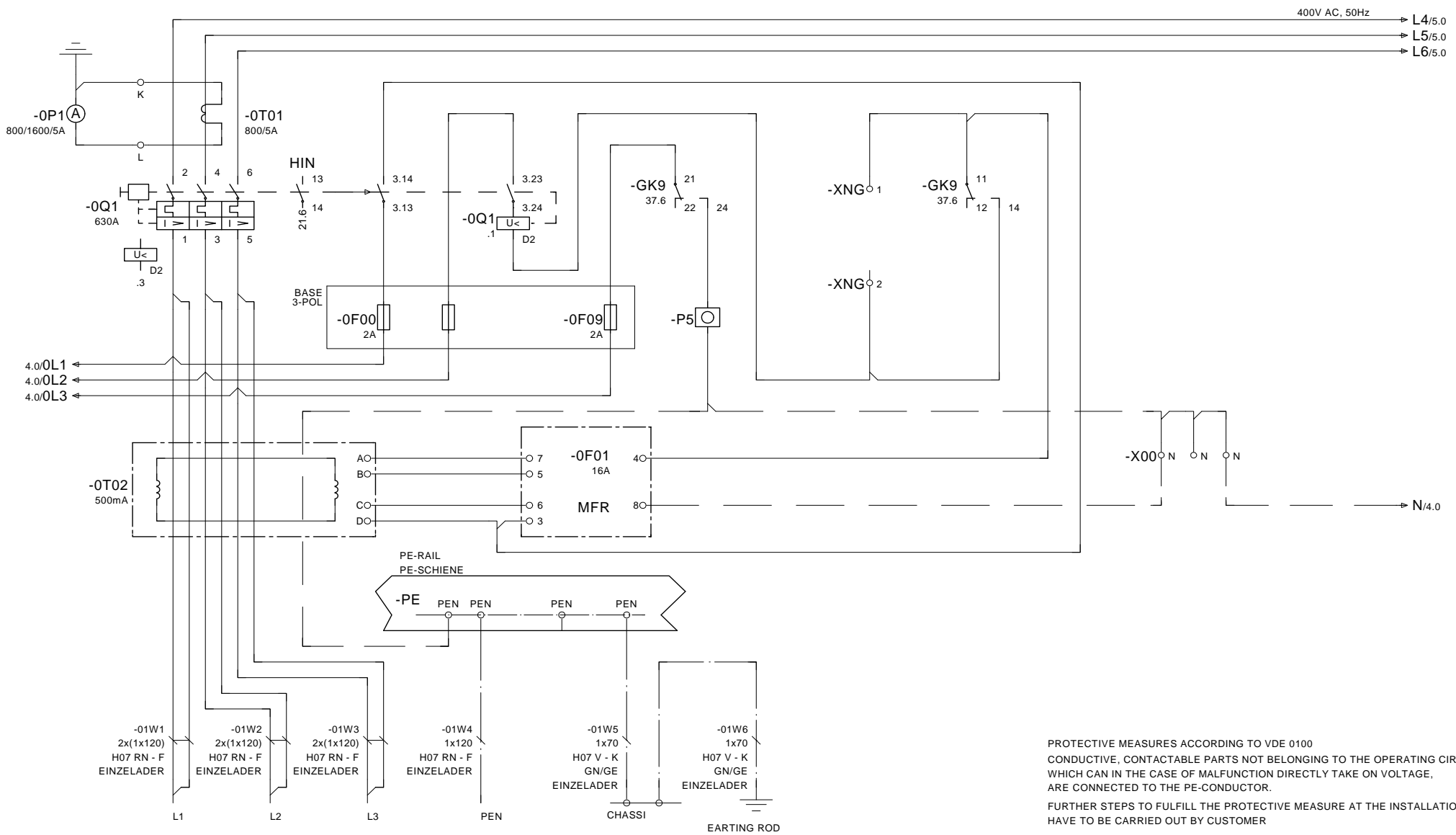
+M-XS6 = STECKER +M-XS6/  
PLUG +M-XS6

+M-06X1 = STECKER +M-06X1/  
PLUG +M-06X1

+M-2X1 = STECKER +M-2X1/  
PLUG +M-2X1

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

DATE		26.Nov.2015		KLEEMANN GMBH			KLEMMENUEBERSICHT/ TERMINAL OVERVIEW	KLEEMANN SERIES K007		= A0	+
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70	PG. 19
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MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				



INCOMING SUPPLY 3X400V/PE/50Hz  
POWER SUPPLY FROM GENERATOR

EINSPEISUNG 3X400V/PE/50Hz  
ENERGIEVERSORGUNG VON GENERATOR

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

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			DATE	26.Nov.2015	KLEEMANN GMBH			EINSPEISUNG/ INCOMING SUPPLY	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 1
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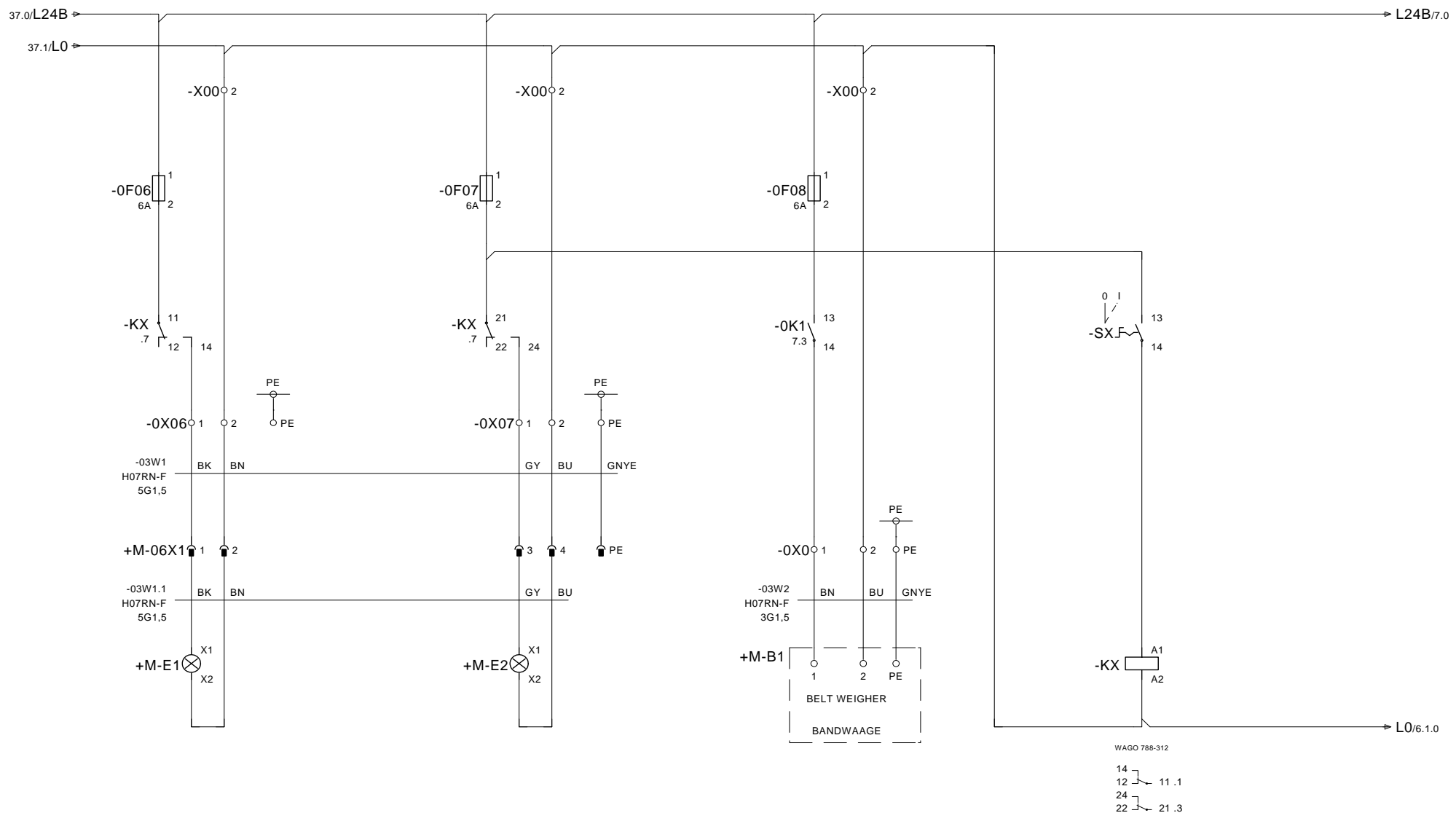


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1

3

			DATE	26.Nov.2015	KLEEMANN GMBH				RESERVE/ SPARE	KLEEMANN SERIES	K007	= 100	+	
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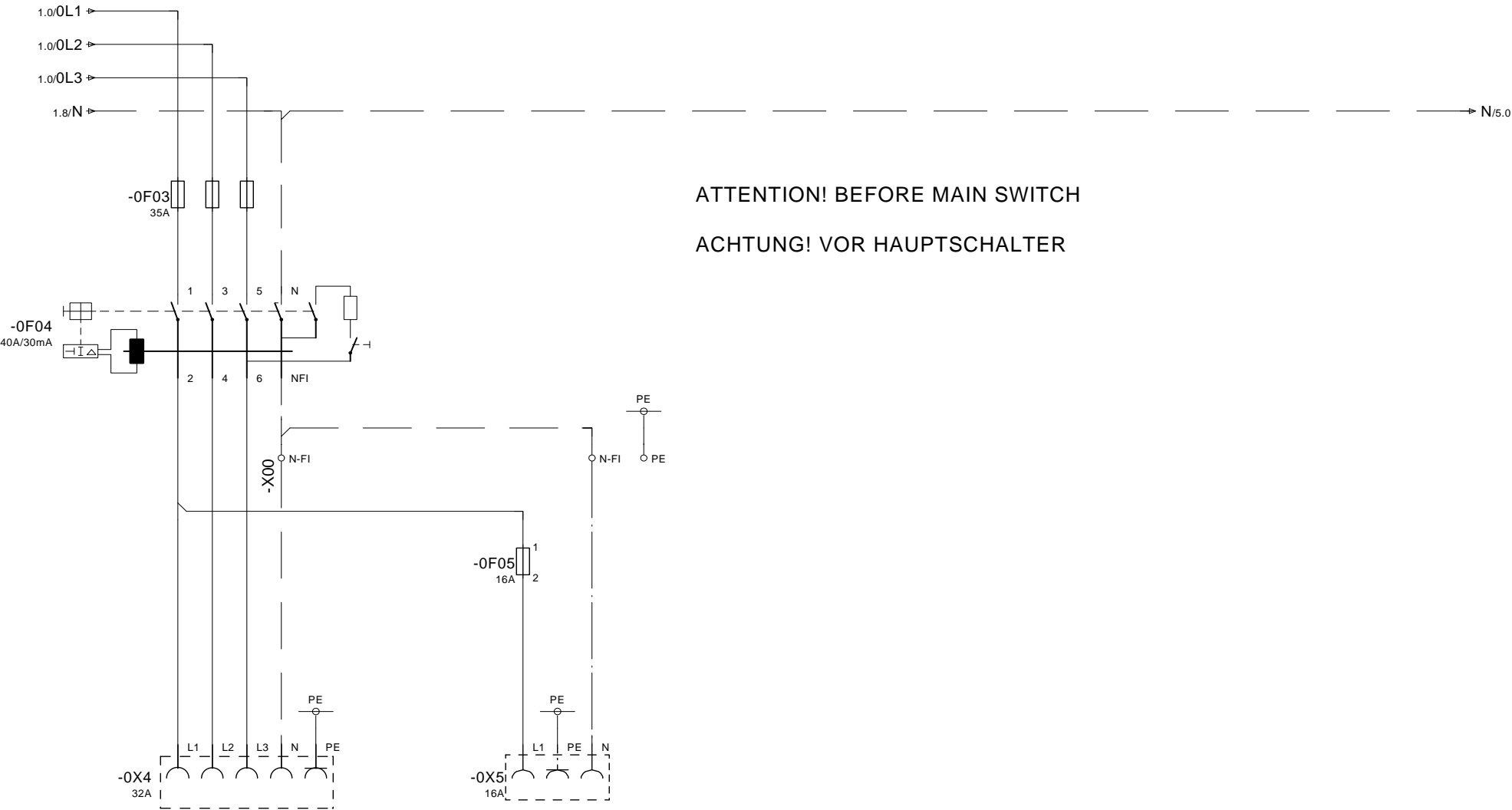
ILLUMINATION 1  
BELEUCHTUNG 1

ILLUMINATION 2  
BELEUCHTUNG 2

BELT WEIGHER  
BANDWAAGE

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

		DATE	26.Nov.2015		KLEEMANN GMBH				BELEUCHTUNG UND BANDWAAGE/ ILLUMINATION AND BELT WEIGHER	KLEEMANN SERIES	K007	= 100	+
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SOCKET 32A

SOCKET 16A/230V

STECKDOSE 32A

STECKDOSE 16A/230V

DATE	26.Nov.2015
EDITED	JBR
CONTR.	D. MALLKOWSKY

KLEEMANN GMBH  
MOBICAT MC 120 Z EU



ABGAENGE VOR HAUPTSCHALTER/  
OUTLETS BEFORE MAIN SWITCH

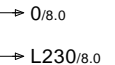
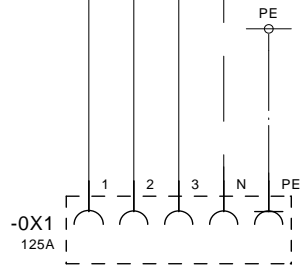
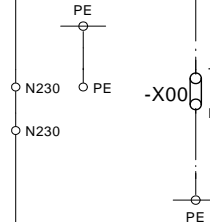
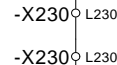
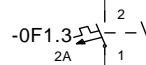
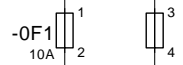
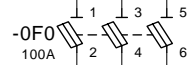
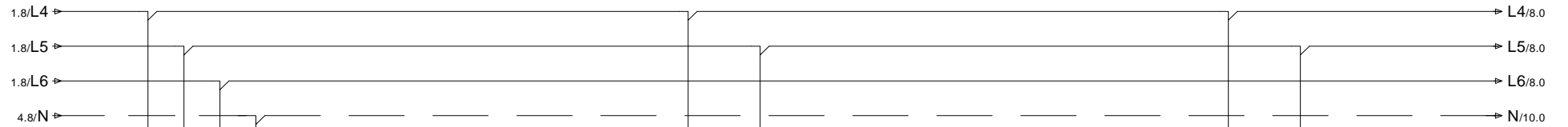
KLEEMANN SERIES	K007
KLEEMANN MATERIAL NO	2388430_01

= 100

+

CAE-SYSTEM:  
EPLAN 5.70

PG.	4
PG.	41



POWER SOCKET 125A

KRAFTSTECKDOSE 125A

DATE	26.Nov.2015
EDITED	JBR
CONTR.	D. MALLKOWSKY

KLEEMANN GMBH  
MOBICAT MC 120 Z EU



STEUERSpannung/  
CONTROL VOLTAGE

KLEEMANN SERIES K007

= 100

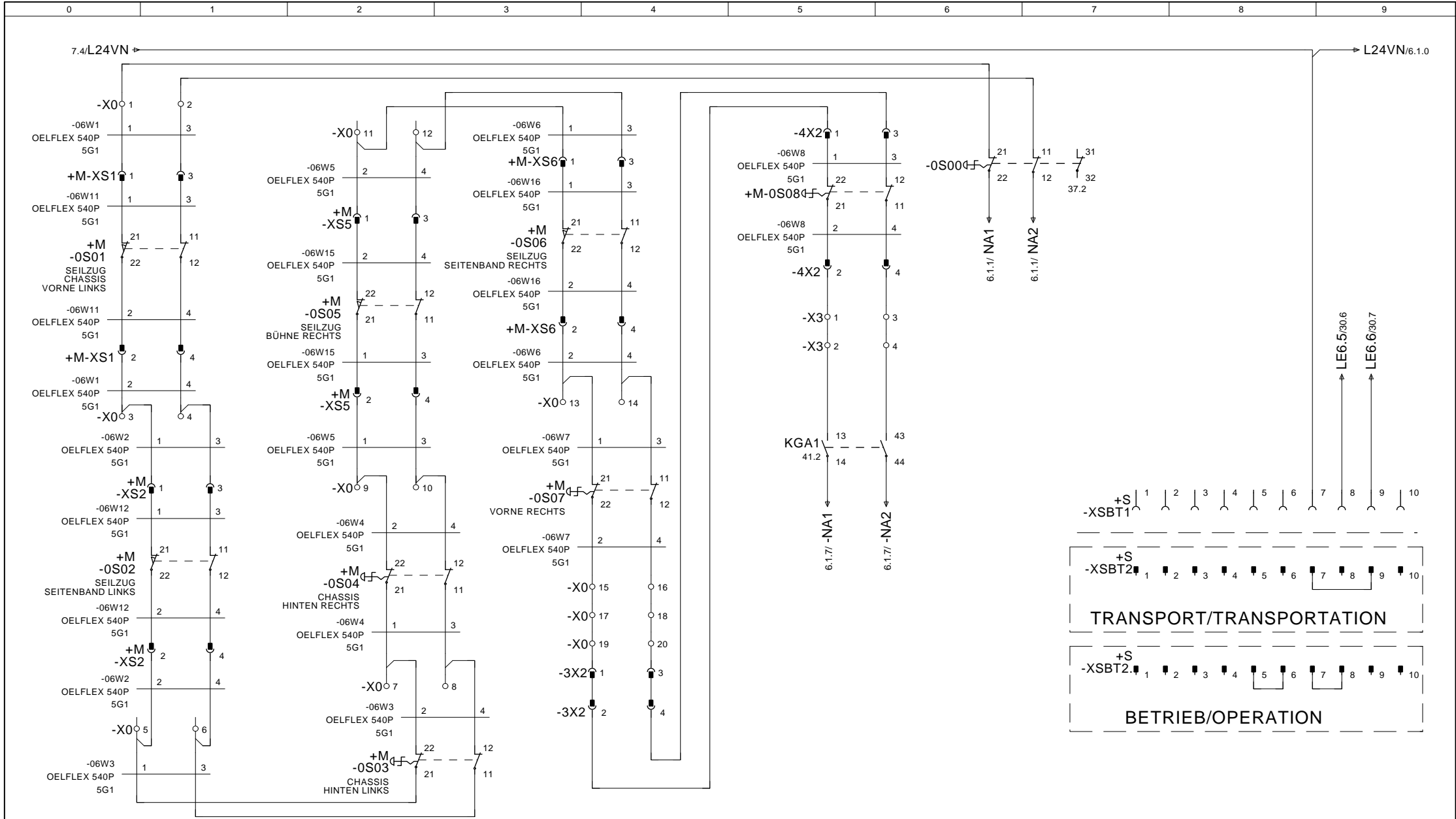
+

KLEEMANN MATERIAL NO 2388430\_01

CAE-SYSTEM:  
EPLAN 5.70

PG. 5  
PG. 41

MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.
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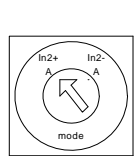
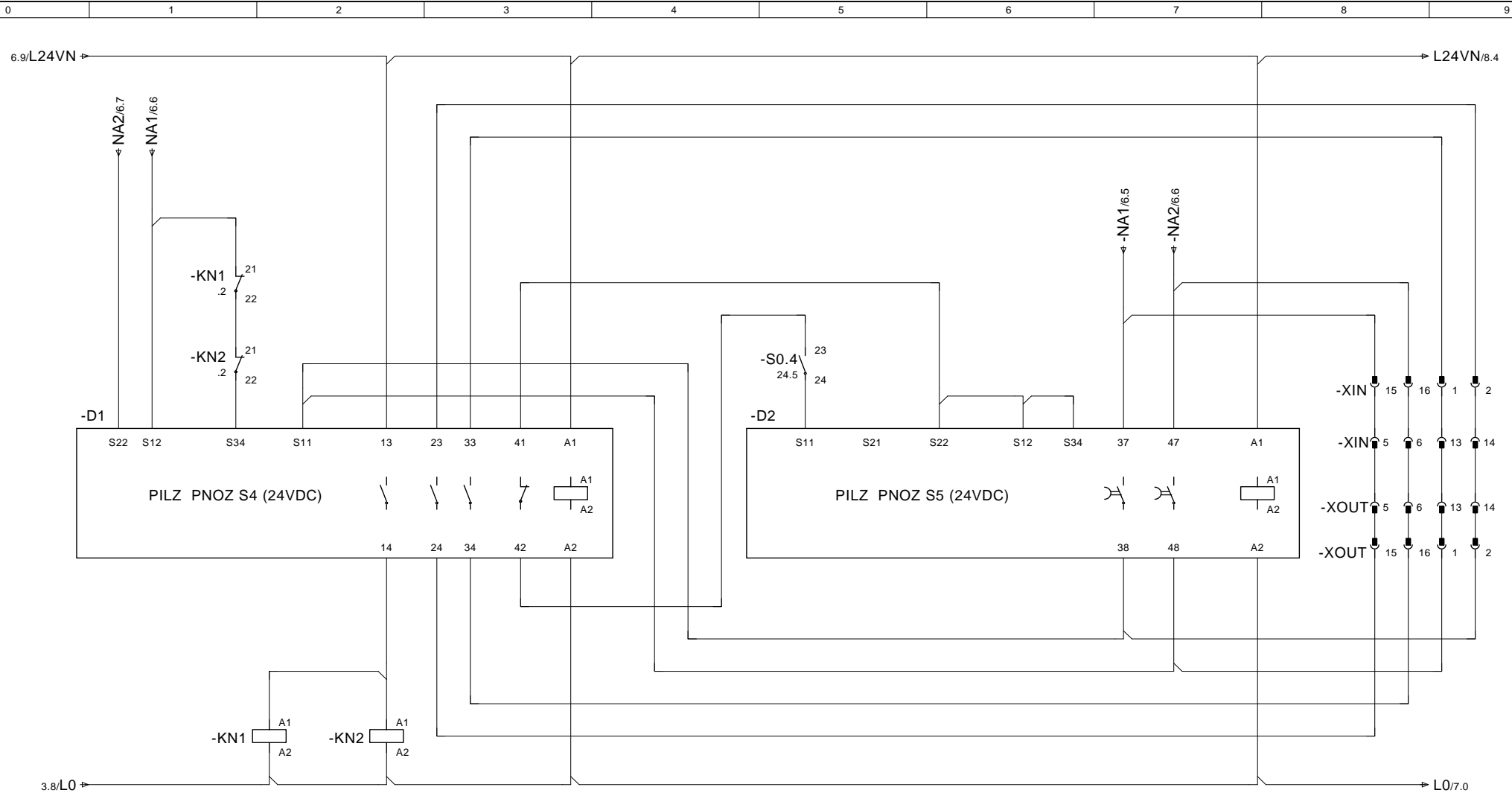
5

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

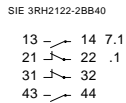
NOT-AUS TASTER                      NOT-AUS TASTER

+24V SUPPLY  
BETRIEB  
TRANSPORT

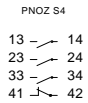
DATE		26.Nov.2015		KLEEMANN GMBH		NOT-AUS/ EMERGENCY STOP		KLEEMANN SERIES		K007		= 100		+	
EDITED		JBR		MOBICAT MC 120 Z EU		KLEEMANN		KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 6	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.				PG. 41			



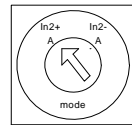
SIE 3RH2122-2BB40



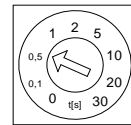
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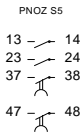
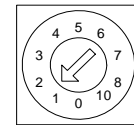
PNOZ S4



GERÄTEEINSTELLUNG -D2



INSTRUMENT SETTING -D2

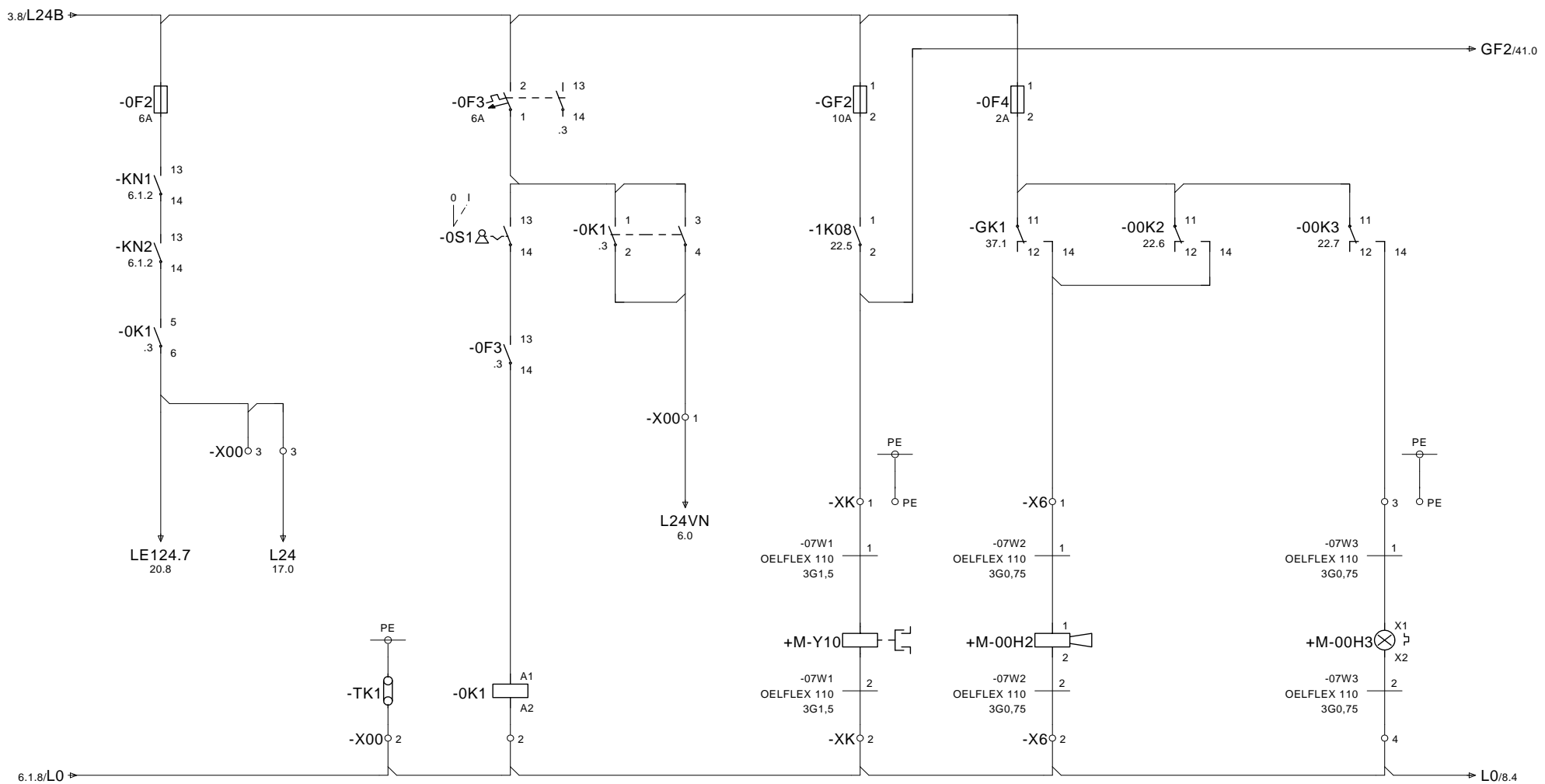


PNOZ S5

GERÄTEEINSTELLUNG -D1

INSTRUMENT SETTING -D1

DATE		26.Nov.2015		KLEEMANN GMBH		NOT-AUS/ EMERGENCY STOP		KLEEMANN SERIES		K007		= 100		+	
EDITED		JBR		MOBICAT MC 120 Z EU		W <b>KLEEMANN</b>		KLEEMANN		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 6.1	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.		MATERIAL NO		PG. 41			
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								



SIE 3RT2016-2BB41  
 1 - 2 .4  
 3 - 4 .4  
 5 - 6 .1  
 13 - 14 3.5

SUPPLY 24V  
AFTER EMERGENCY STOP

VERSORGUNG 24V  
NACH NOT-AUS

CONTROL VOLTAGE  
ON

STEUERSPANNUNG  
EIN

COUPLING

KUPPLUNG

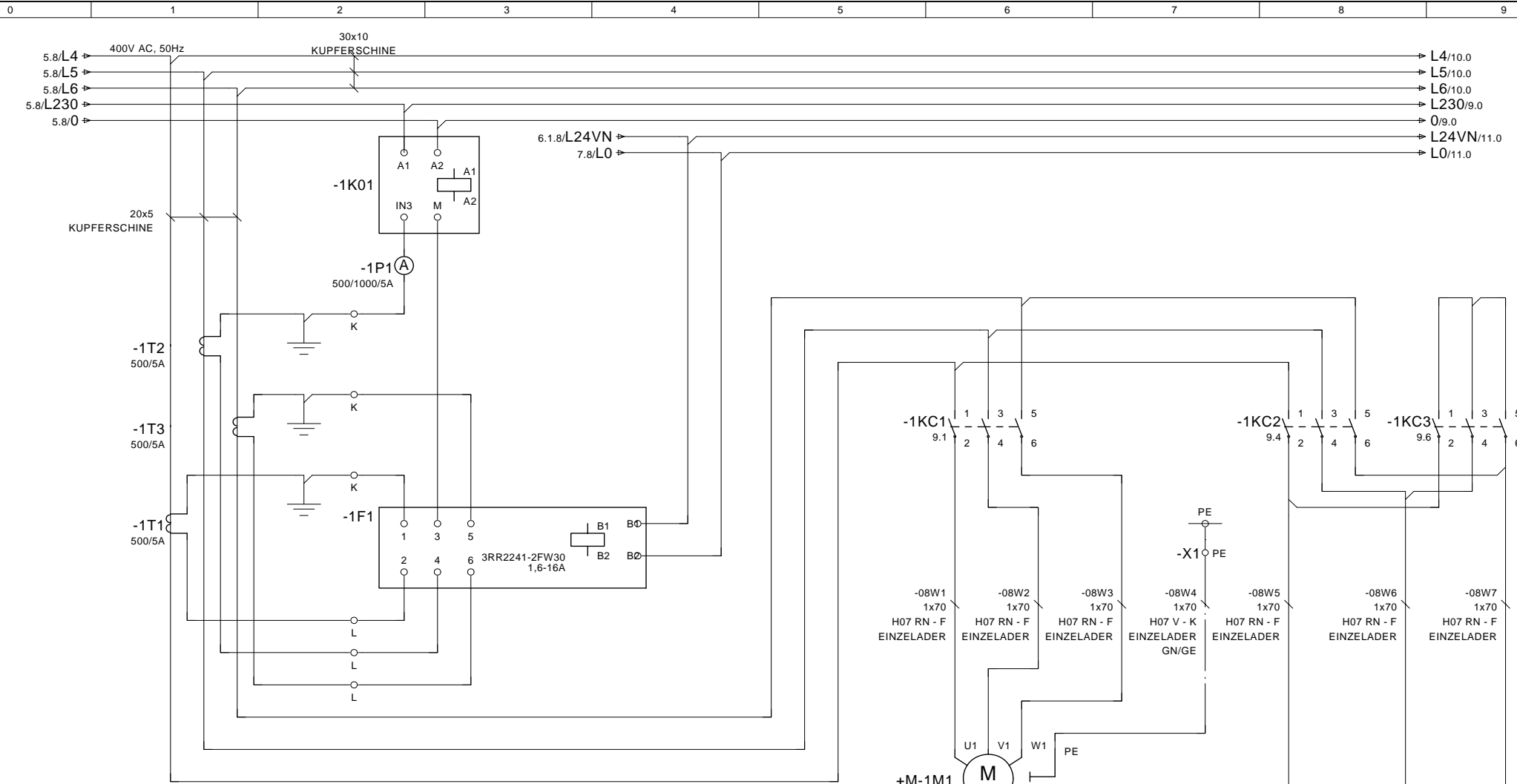
HOOTER

HUPE

FLASHING LIGHT

BLINKLICHT

			DATE	26.Nov.2015	KLEEMANN GMBH				VERSORGUNG 24V STEUERSPG/ SUPPLY 24V CONTROL VOLTAGE	KLEEMANN SERIES <b>K007</b>	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z EU							
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 41



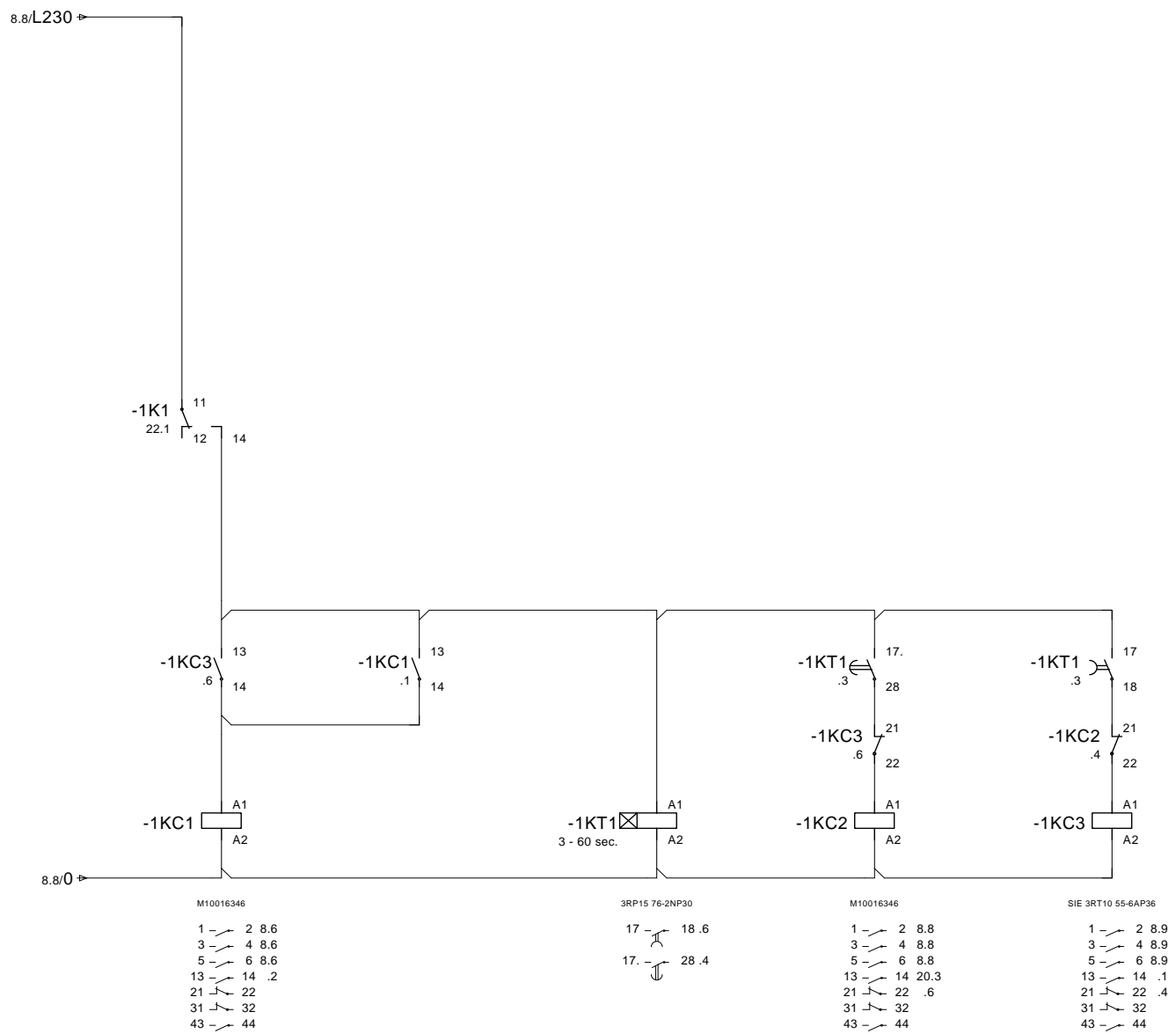
MOTOR PROTECTION RELAY  
MOTORSCHUTZRELAIS

CRUSHER 1  
BRECHER 1

SIE 3UG46 22-2AW30      SIE 3RR2241-2FW30  
 14      34  
 12      32

					DATE 26.Nov.2015		KLEEMANN GMBH		BRECHER 1/ CRUSHER 1		KLEEMANN SERIES K007		= 100		+	
					EDITED JBR		MOBICAT MC 120 Z EU		KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 8			
					CONTR. D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.		PG. 41			
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.									





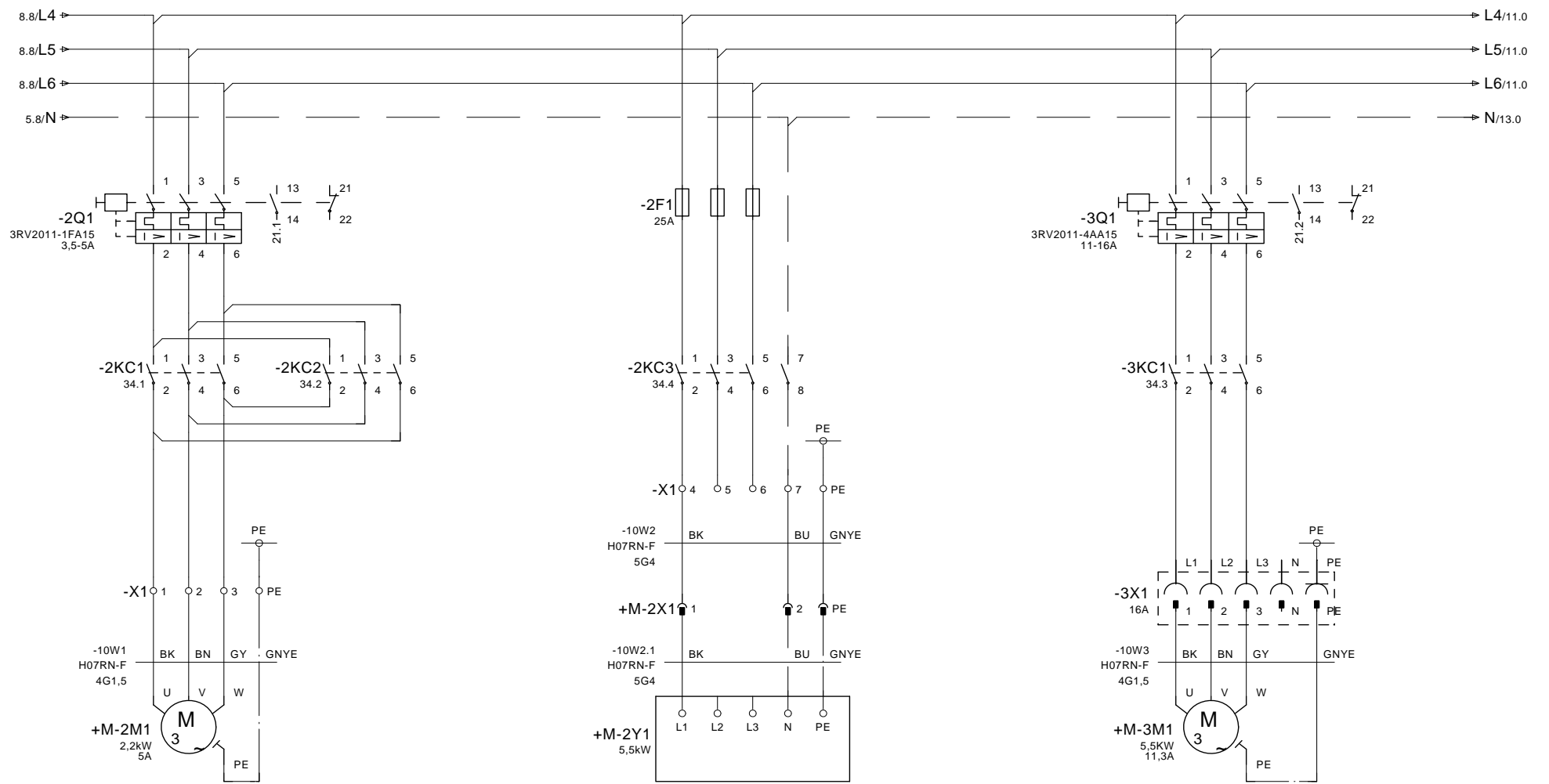
N

Y - D

D

Y

DATE	26.Nov.2015	KLEEMANN GMBH	STRG BRECHER 1/ CONTROL CRUSHER 1	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z EU	KLEEMANN	KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 9
CONTR.	D. MALLKOWSKY			REP.T.		PG. 41	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	DIN

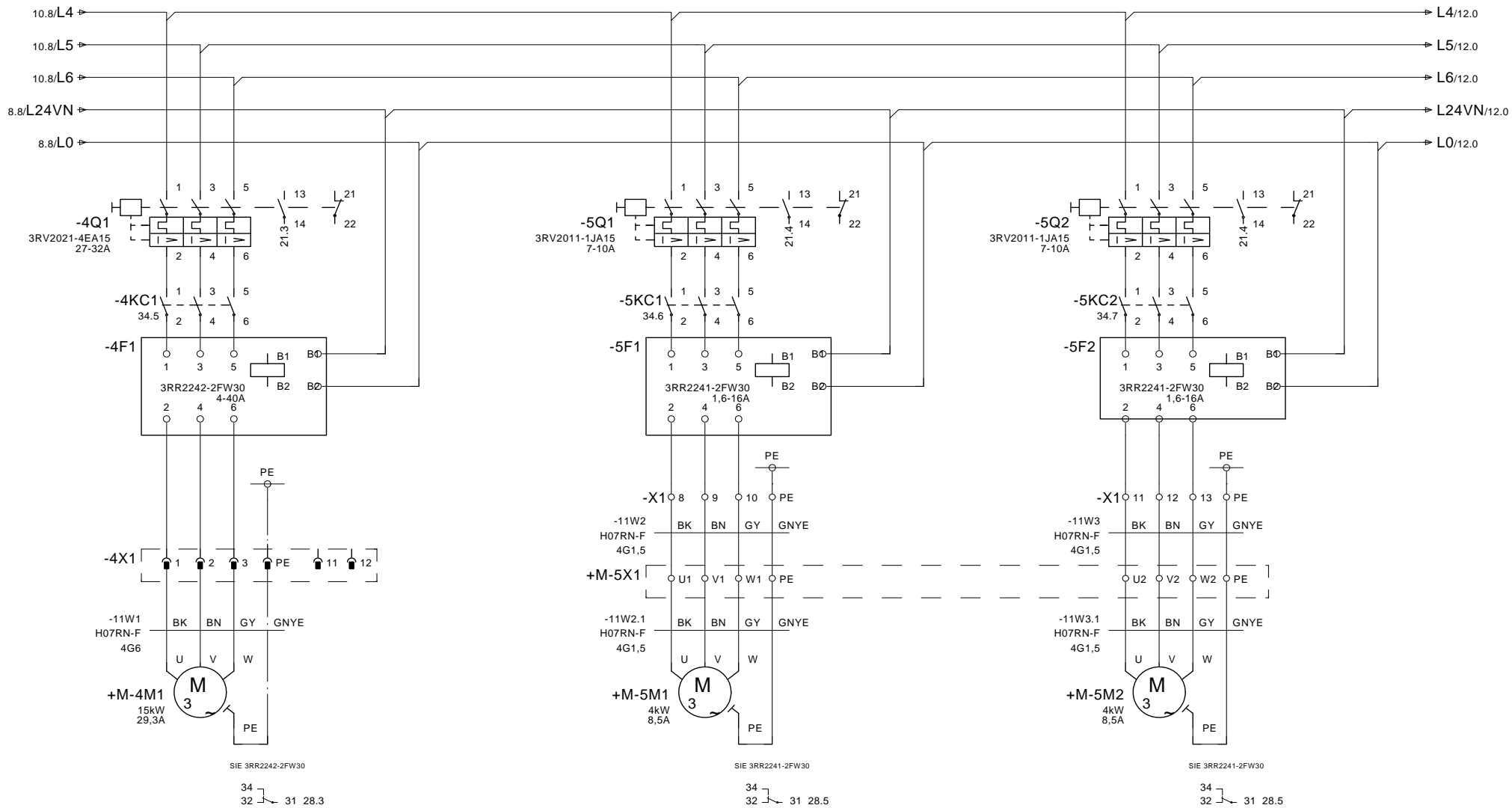


MAGNETIC BELT 2  
MAGNETBAND 2

MAGNET  
MAGNET

CONVEYOR BELT 3  
FOERDERBAND 3

			DATE	26.Nov.2015	KLEEMANN GMBH				MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM:	PG. 10
			CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					EPLAN 5.70	PG. 41



CONVEYOR BELT 4

SHAKING CONVEYOR 5 BELOW

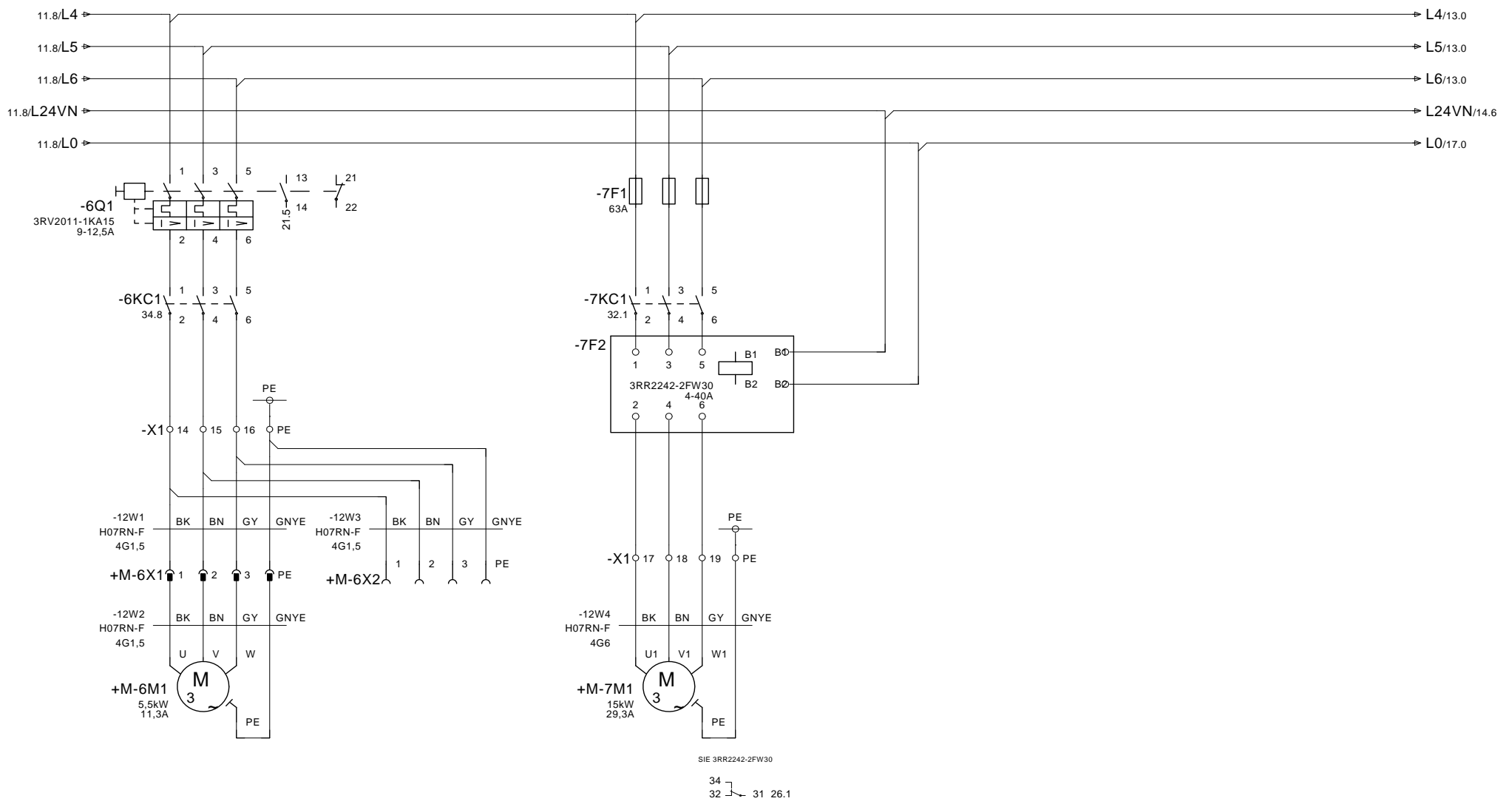
SHAKING CONVEYOR 5 TOP

FOERDERBAND 4

FOERDERRINNE 5 UNTEN

FOERDERRINNE 5 OBEN

		DATE	26.Nov.2015	KLEEMANN GMBH			MOTOREN / DRIVES	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 11
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG. 41	

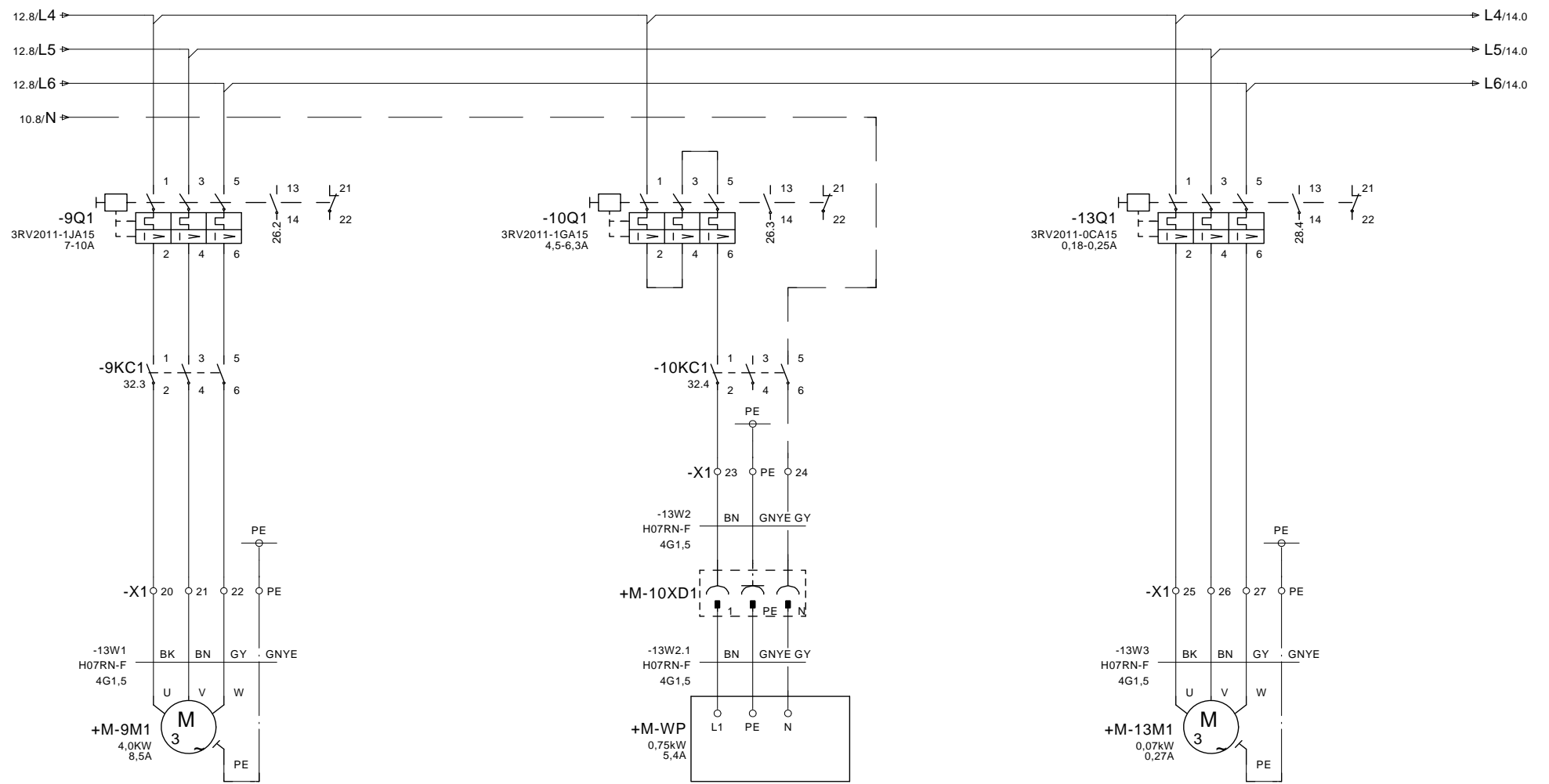


CONVEYOR BELT 6  
FOERDERBAND 6

VIBRATING SCREEN 7  
VIBRATIONSSIEB 7

SIE 3RR2242-2FW30  
34  
32 31 26.1

		DATE	26.Nov.2015		KLEEMANN GMBH			MOTOREN/ DRIVES		KLEEMANN SERIES	K007		= 100	+
		EDITED	JBR		MOBICAT MC 120 Z EU			KLEEMANN		2388430_01		CAE-SYSTEM:	PG.	12
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	EPLAN 5.70				PG.	41	



HYDRAULIC 9

WATERPUMP 10

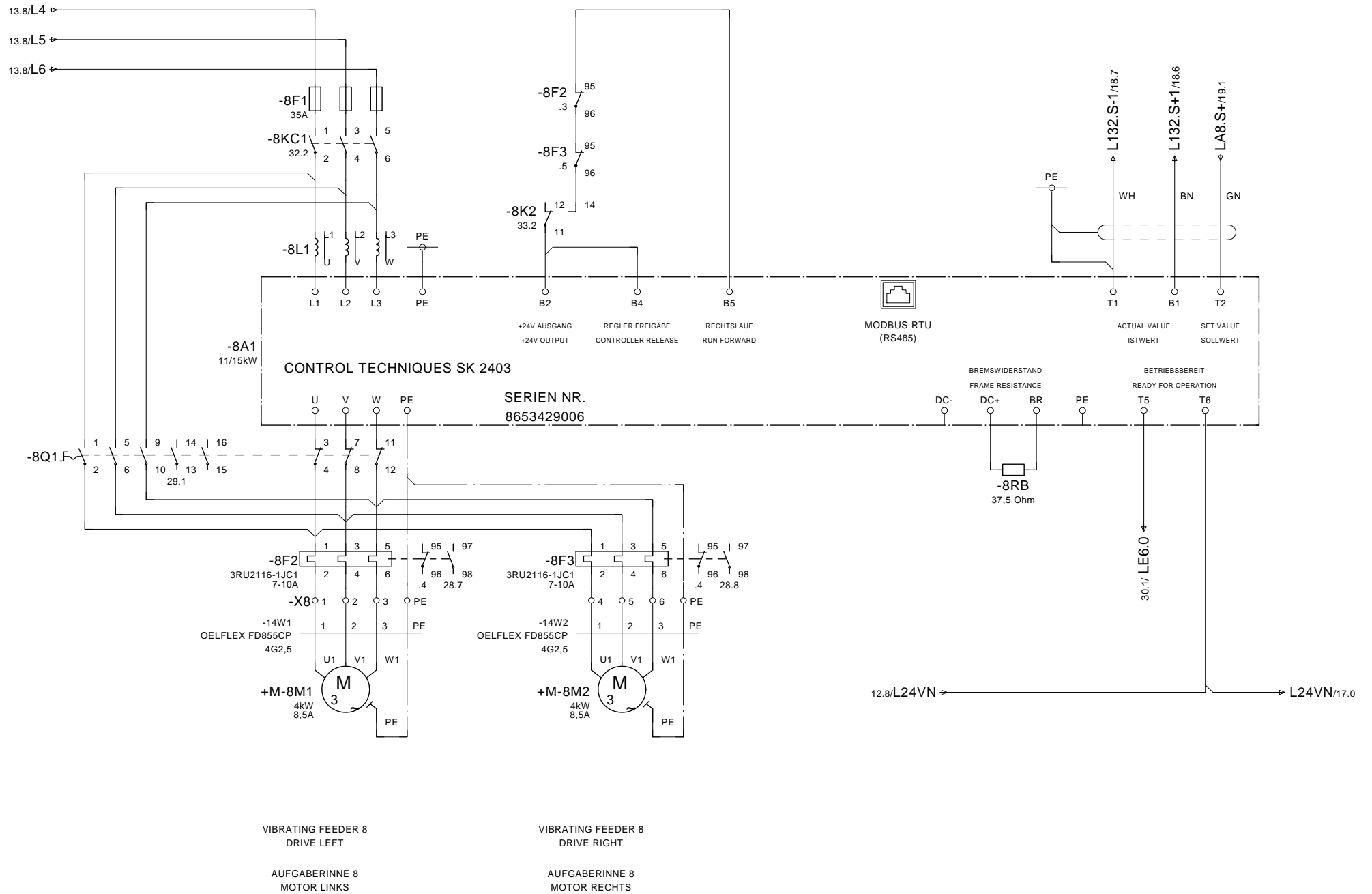
OVERPRESSURE FAN

HYDRAULIK 9

WASSERPUMPE 10

UEBERDRUCKGEBLAESE

		DATE	26.Nov.2015		KLEEMANN GMBH				MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	41



		DATE	26.Nov.2015	KLEEMANN GMBH			AUFGABERINNE 8 - POS. 2/ VIBRATING FEEDER 8 - POS. 2		KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	41

			DATE	26.Nov.2015	KLEEMANN GMBH				RESERVE/ SPARE	KLEEMANN SERIES	K007	= 100	+	
			EDITED	JBR	MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.	15
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG.	41

OVERLOAD 2  
REMOVAL  
FEEDING OFF

OVERLOAD 1  
REMOVAL  
FEEDING  
REDUCED

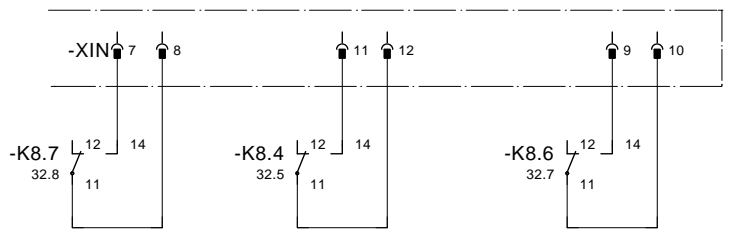
RELEASE  
FROM REMOVAL

UEBERLAST 2  
ABFOERDERUNG  
ZUFOERDERUNG AUS

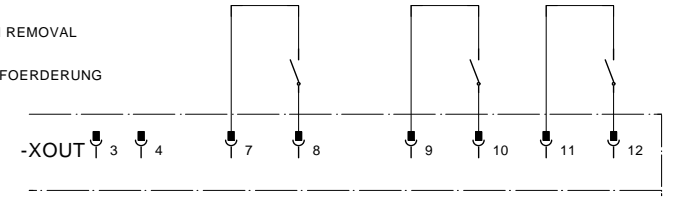
UEBERLAST 1  
ABFOERDERUNG  
ZUFOERDERUNG  
REDUZIERT

FREIGABE  
VON ABFOERDERUNG

ON FEEDING 1  
AN ZUFOERDERUNG 1



ON REMOVAL  
AN ABFOERDERUNG



OVERLOAD 2  
FEEDING OFF

LOCKING  
VIBRATING FEEDER 8 RUNNING

OVERLOAD 1  
FEEDING  
REDUCED

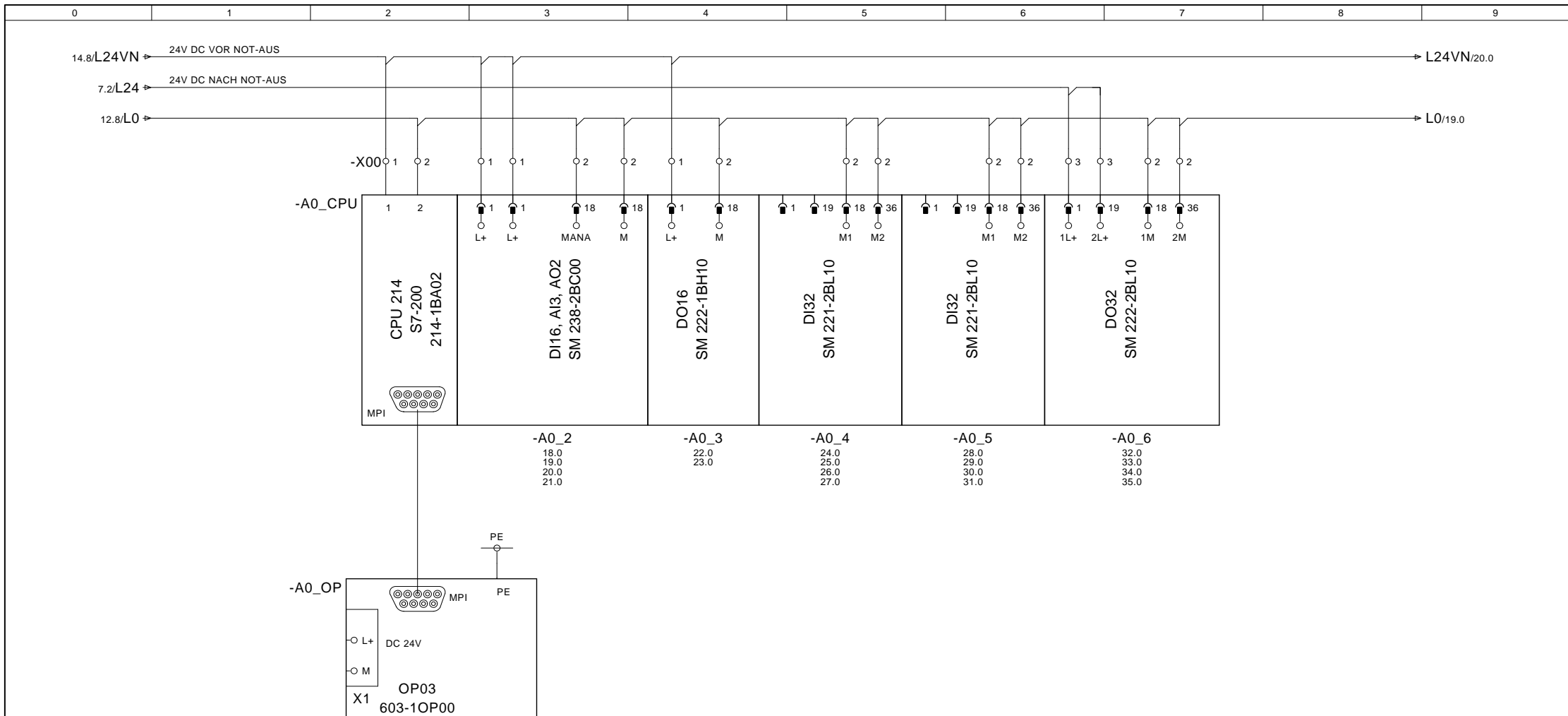
UEBERLAST 2  
ZUFOERDERUNG AUS

VERRIEGELUNG  
AUFGABERINNE 8 LÄUFT

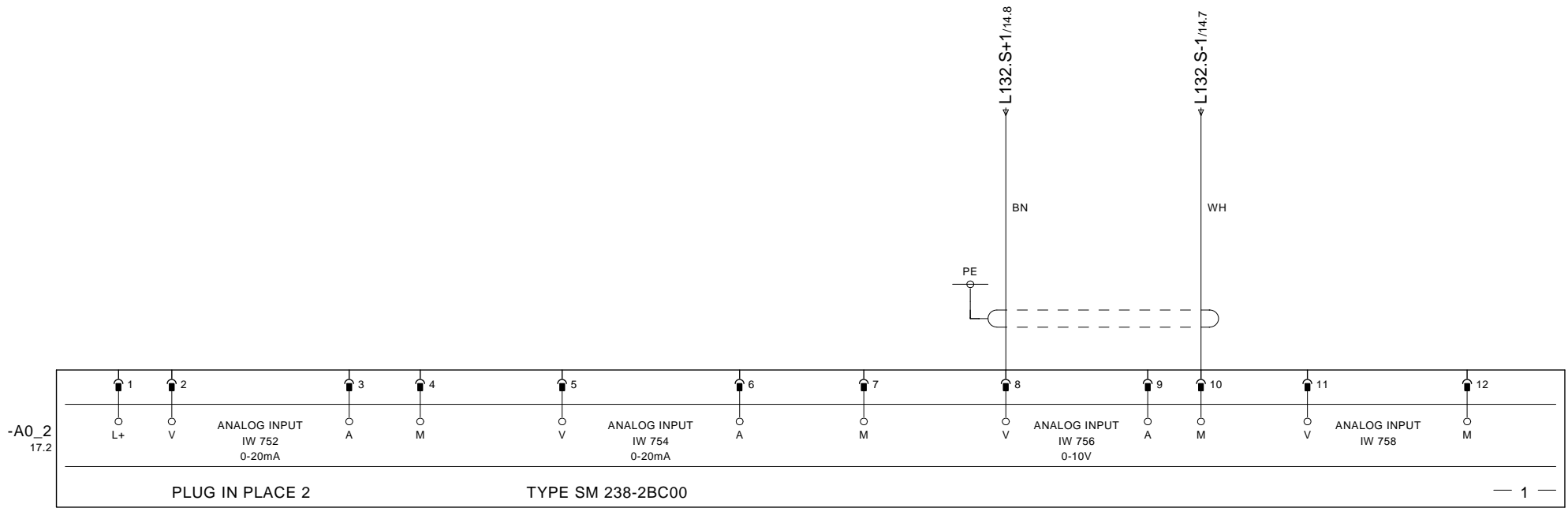
UEBERLAST 1  
ZUFOERDERUNG  
REDUZIERT

		DATE	26.Nov.2015		KLEEMANN GMBH			VERRIEGELUNG AN ABFOERDERUNG LOCKING REMOVAL	KLEEMANN SERIES	K007	= 100	+	
		EDITED	JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.	16
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.			REP.T.			PG.	41



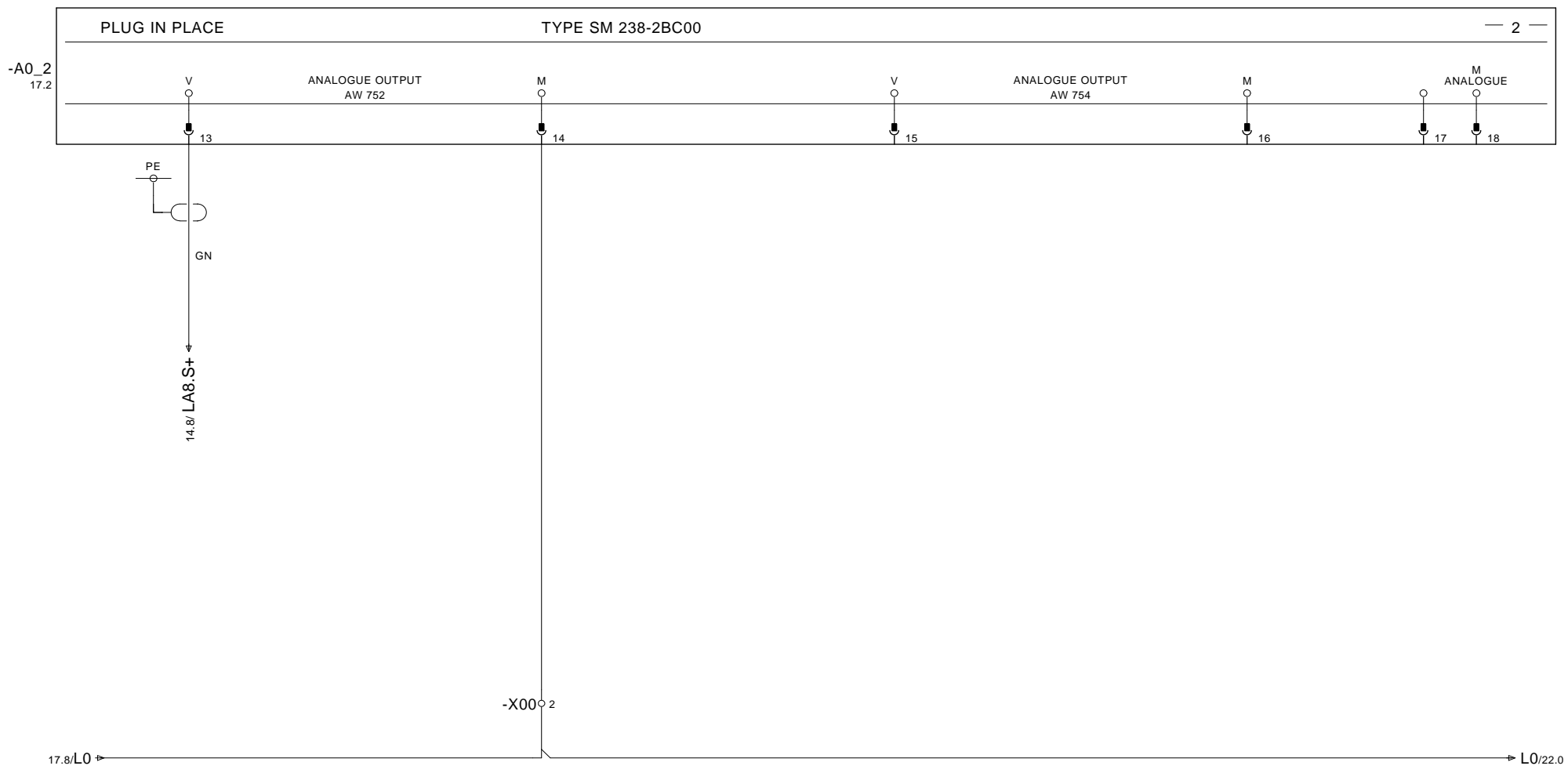


			DATE	26.Nov.2015	KLEEMANN GMBH				CPU STEUERUNG/ CPU CONTROL SYSTEM	KLEEMANN SERIES	K007	= 100	+	
			EDITED	JBR	MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.	17
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG.	41



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

		DATE	26.Nov.2015		KLEEMANN GMBH				ANALOG EINGAENGE/ ANALOG INPUTS	KLEEMANN SERIES	K007	= 100	+	
		EDITED	JBR		MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	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

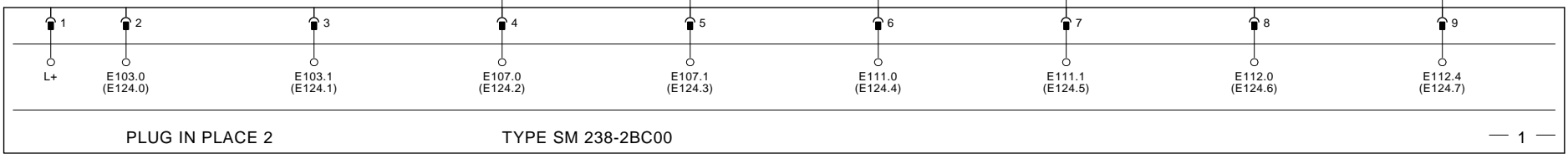
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			EDITED	JBR	MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.	19
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG.	41

17.8/L24VN → L24VN/21.0



LE124.7/7.1

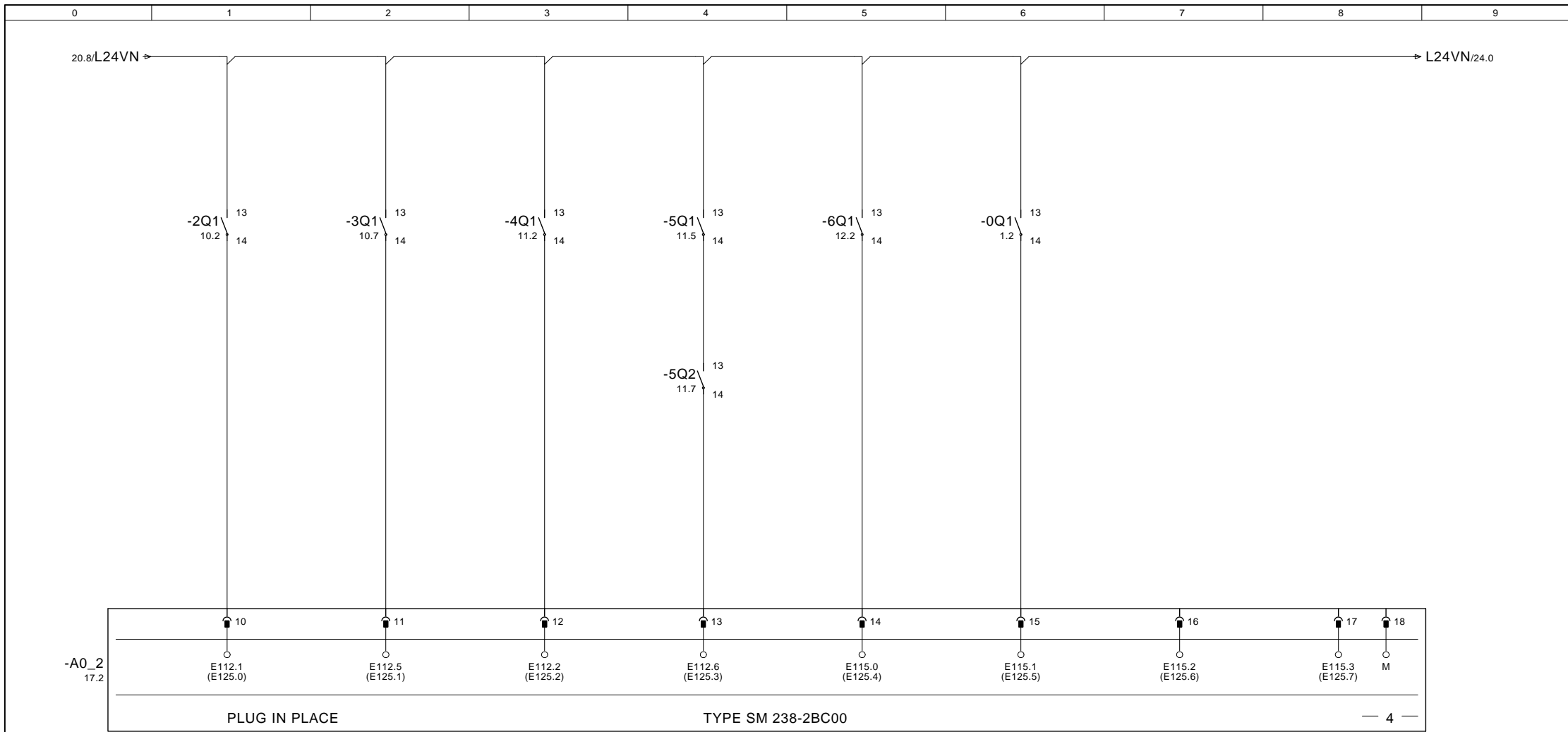
-A0\_2  
17.2



SPARE	SPARE	CRUSHER DELTA CONNECTED	MONITORING OF FUSE 230V	OVERLOAD CRUSHER	MOTOR CONTROLLING CRUSHER	SPARE	CONTROL VOLTAGE EXIST
RESERVE	RESERVE	BRECHER IM DREIECK	SICHERUNGS- UEBERWACHUNG 230V	BRECHERUEBERLAST	MOTORUEBERWACHUNG BRECHER	RESERVE	STEUERSpannung VORHANDEN

— 1 —

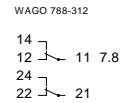
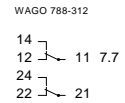
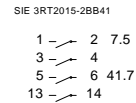
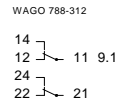
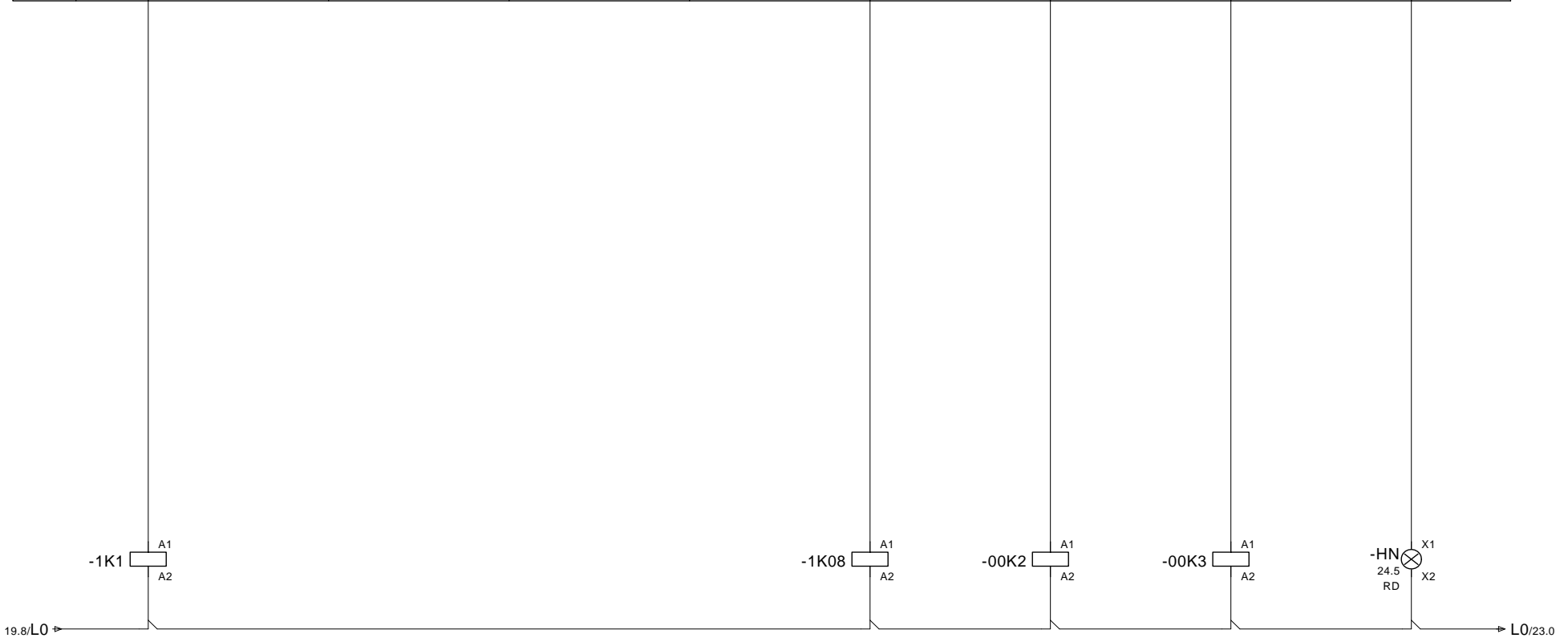
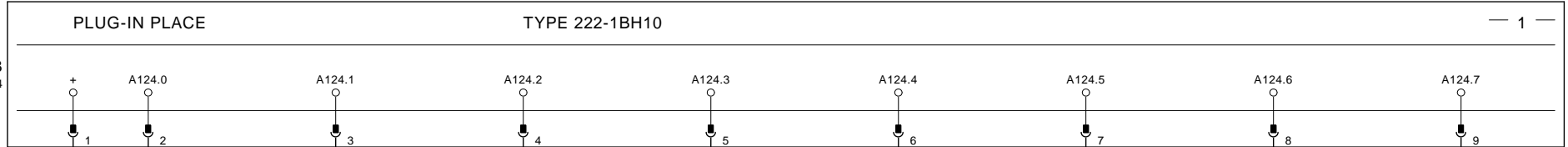
DATE	26.Nov.2015	KLEEMANN GMBH			DIGITALE EINGAENGE/ DIGITAL INPUTS	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41



MONITORING MOTOR PROTECTION SWITCH  
UEBERWACHUNG MOTORSCHUTZSCHALTER

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

DATE	26.Nov.2015	KLEEMANN GMBH			DIGITALE EINGAENGE/ DIGITAL INPUTS	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41



RELEASE  
CRUSHER  
  
FREIGABE  
BRECHER

SPARE  
  
RESERVE

SPARE  
  
RESERVE

SPARE  
  
RESERVE

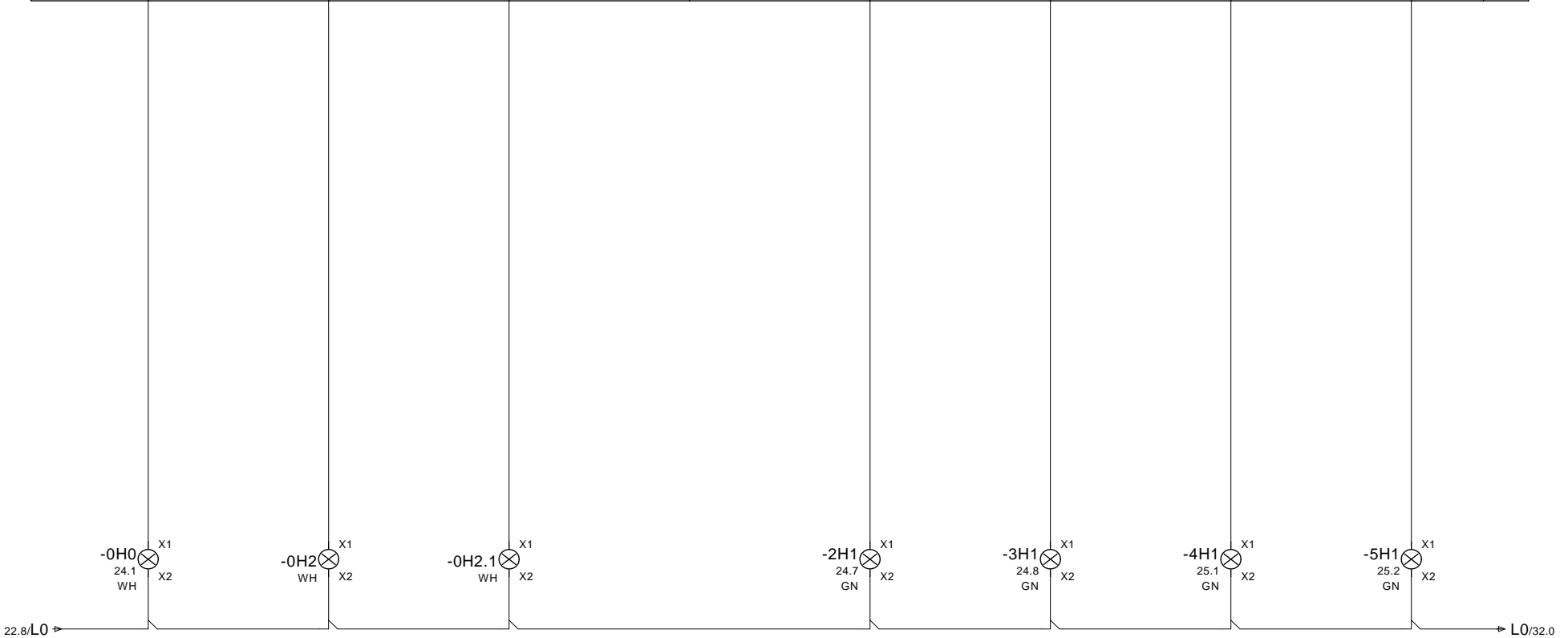
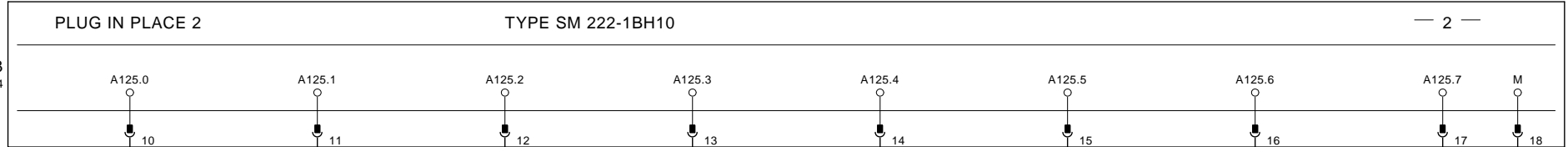
CONTACTOR  
COUPLING ON  
  
SCHÜTZ  
KUPPLUNG EIN

HOOTER  
  
HUPE

FLASHING LIGHT  
  
BLINKLICHT

EMERGENCY STOP  
  
NOT-AUS

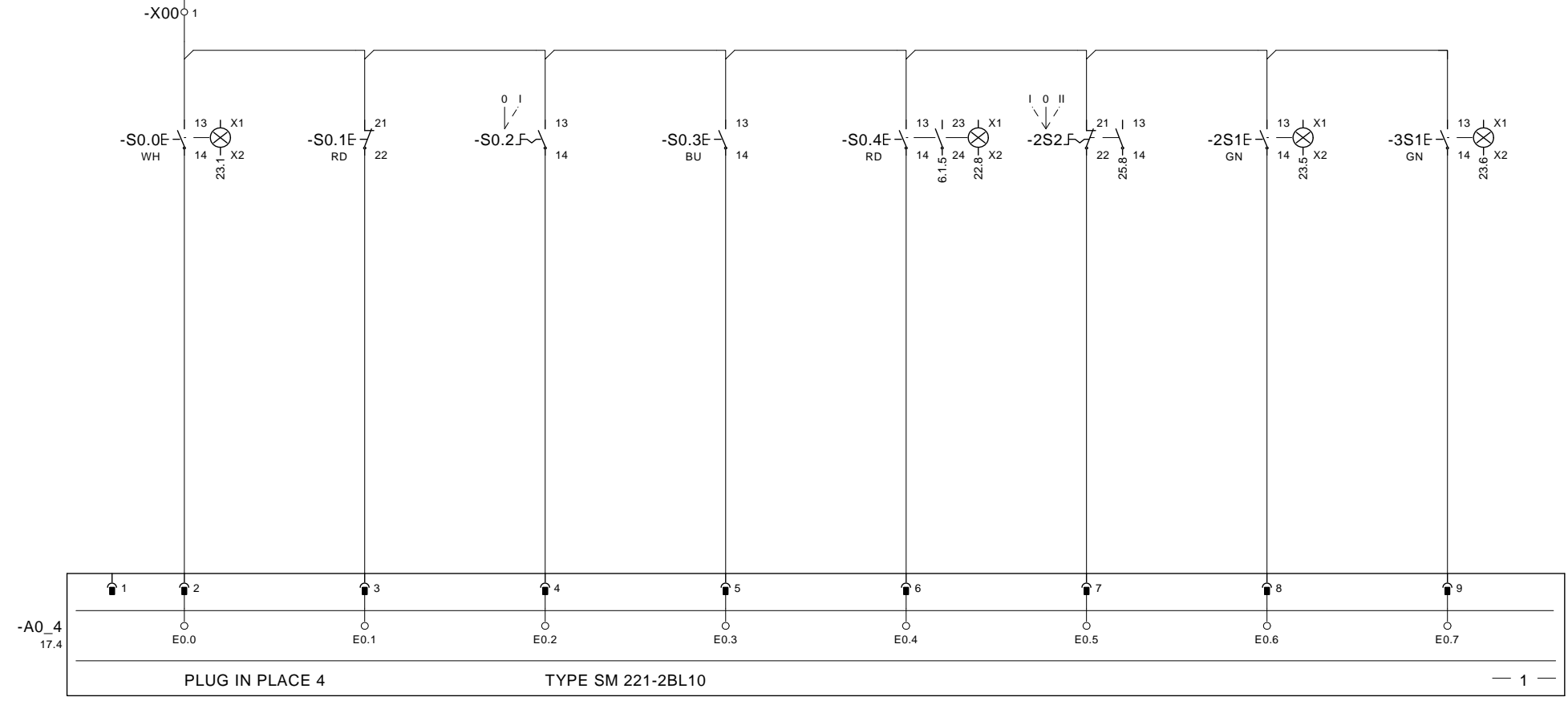
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		EDITED	JBR		MOBICAT MC 120 Z EU				A 124.0 - A 124.7/ DIGITAL OUTPUTS A 124.0 - A 124.7		KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 22	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 41				



INSTALLATION ON	AUTOMATIC OPERATION	MANUAL OPERATION	SPARE	MAGNETIC BELT 2 ON/OFF	CONVEYOR BELT 3 ON/OFF	CONVEYOR BELT 4 ON/OFF	VIBRATING CHUTE/ CRUSHER 5 ON/OFF
ANLAGE EIN	AUTOMATIKBETRIEB	HANDBETRIEB	RESERVE	MAGNETBAND 2 EIN/AUS	FOERDERBAND 3 EIN/AUS	FOERDERBAND 4 EIN/AUS	FOERDERRINNE 5 EIN/AUS

		DATE	26.Nov.2015		KLEEMANN GMBH			DIGITALE AUSGAENGE		KLEEMANN SERIES		K007		= 100		+	
		EDITED	JBR		MOBICAT MC 120 Z EU			A 125.0 - A 125.7/ DIGITAL OUTPUTS A 125.0 - A 125.7		KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 23	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.									PG. 41	

21.8/L24VN → L24VN/25.0



INSTALLATION ON

INSTALLATION OFF

AUTO/MANUAL

LAMP TEST

EMERGENCY STOP  
RESET  
MALFUNCTION

MAGNETIC BELT 2  
RIGHT

MAGNETIC BELT 2  
ON/OFF

CONVEYOR BELT 3  
ON/OFF

ANLAGE EIN

ANLAGE AUS

AUTO/HAND

LAMPENTEST

NOT-AUS  
STOERUNG  
QUITTIEREN

MAGNETBAND 2  
RECHTS

MAGNETBAND 2  
EIN/AUS

FOERDERBAND 3  
EIN/AUS

DATE	26.Nov.2015
EDITED	JBR
CONTR.	D. MALLKOWSKY
NORM	DIN

KLEEMANN GMBH  
MOBICAT MC 120 Z EU



DIGITALE EINGAENGE E 0.0 - E 0.7/  
DIGITAL INPUTS E 0.0 - E 0.7

KLEEMANN SERIES K007  
KLEEMANN MATERIAL NO 2388430\_01

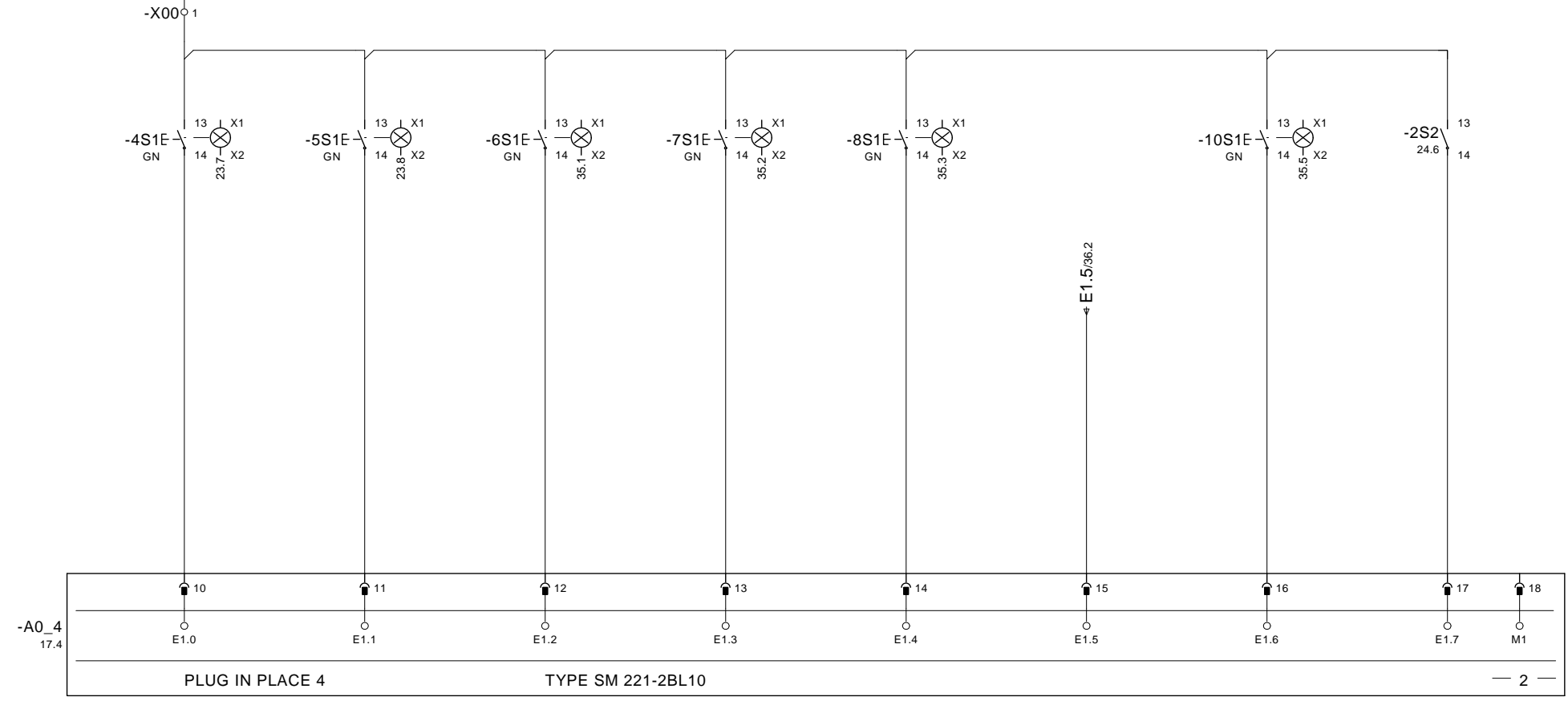
= 100

+

CAE-SYSTEM: EPLAN 5.70	PG. 24
	PG. 41



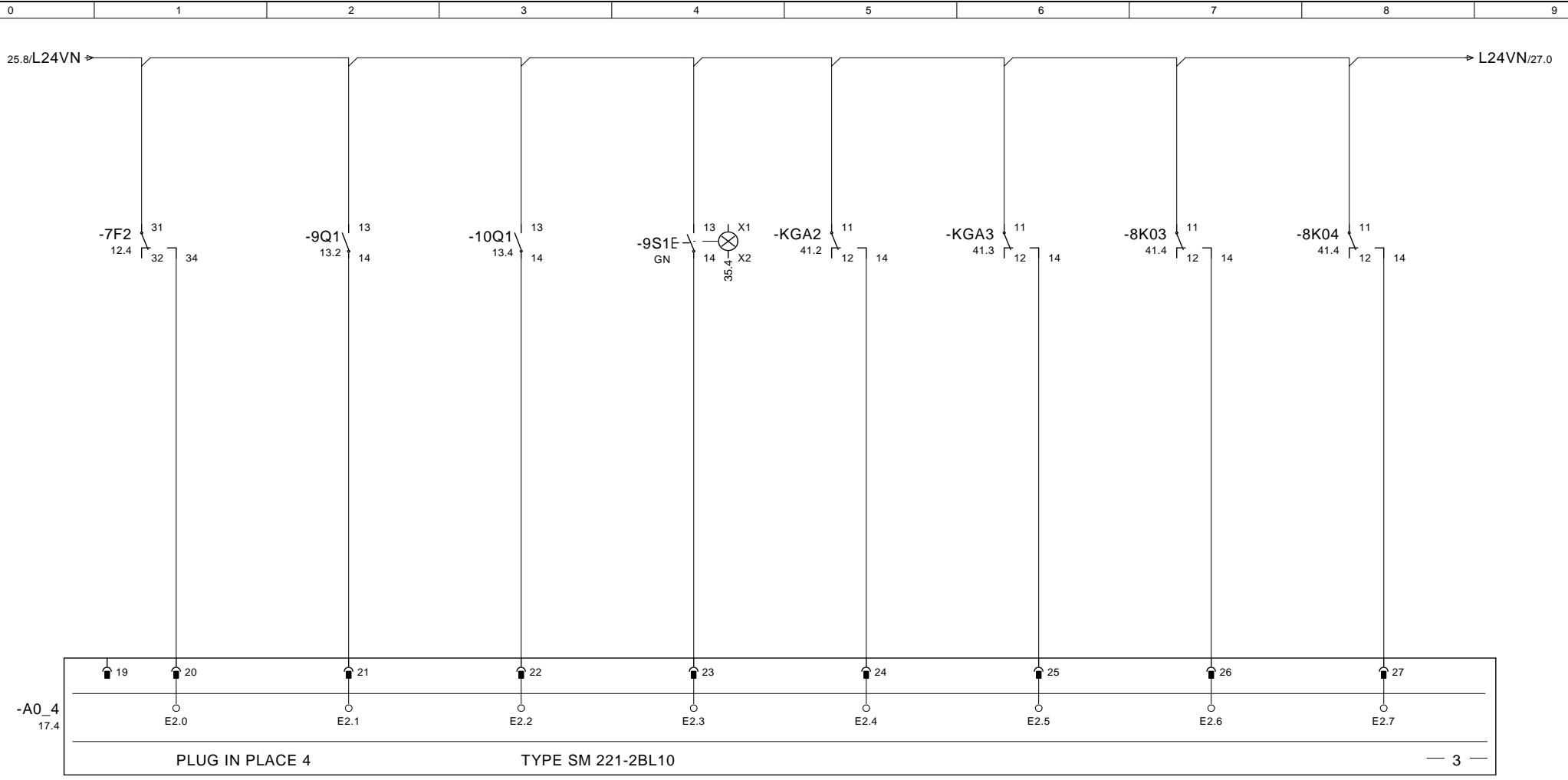
24.8/L24VN → L24VN/26.0



- |                           |   |                           |                              |                              |               |                           |                         |
|---------------------------|---|---------------------------|------------------------------|------------------------------|---------------|---------------------------|-------------------------|
| CONVEYOR BELT 4<br>ON/OFF | VIBRATING CHUTE/<br>CRUSHER 5<br>ON/OFF | CONVEYOR BELT 6<br>ON/OFF | VIBRATING SCREEN 7<br>ON/OFF | VIBRATING FEEDER 8<br>ON/OFF | LIGHT BARRIER | WATERPUMP 10<br>ON/OFF    | MAGNETIC BELT 2<br>LEFT |
| FOERDERBAND 4<br>EIN/AUS  | FOERDERRINNE 5<br>EIN/AUS               | FOERDERBAND 6<br>EIN/AUS  | VIBRATIONSSIEB 7<br>EIN/AUS  | AUFGABERINNE 8<br>EIN/AUS    | LICHTSCHRANKE | WASSERPUMPE 10<br>EIN/AUS | MAGNETBAND 2<br>LINKS   |

DATE	26.Nov.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 EU						
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.	KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 41





MOTOR CONTROLLING  
VIBRATING SCREEN 7

MOTORUEBERWACHUNG  
VIBRATIONSSIEB 7

MOTOR PROTECTION  
HYDRAULIK 9

MOTORSCHUTZ  
HYDRAULIK 9

MOTOR PROTECTION  
WATERPUMP 10

MOTORSCHUTZ  
WASSERPUMPE 10

HYDRAULIC 9  
ON/OFF

HYDRAULIK 9  
EIN/AUS

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	26.Nov.2015
EDITED	JBR
CONTR.	D. MALLKOWSKY

KLEEMANN GMBH  
MOBICAT MC 120 Z EU



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

KLEEMANN  
SERIES K007

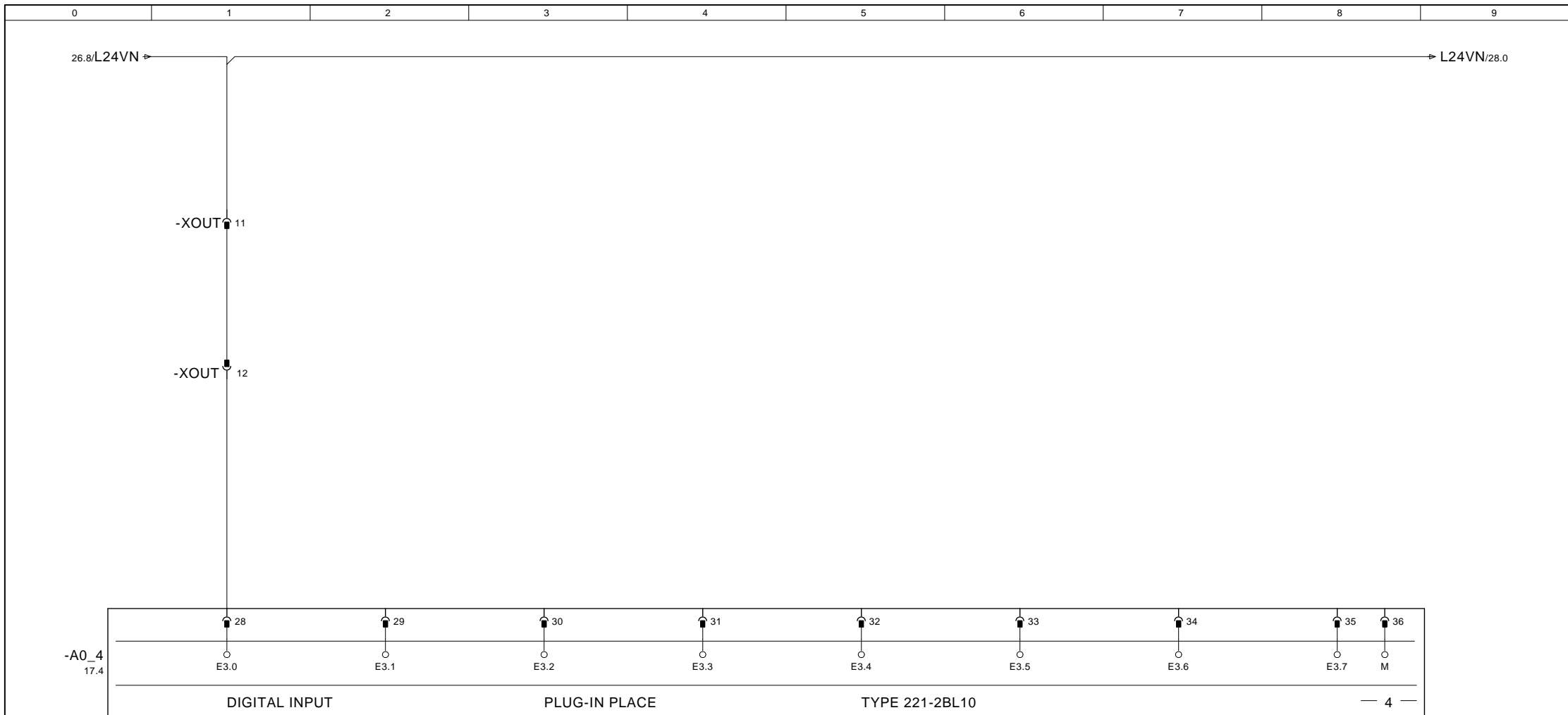
KLEEMANN  
MATERIAL NO 2388430\_01

= 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

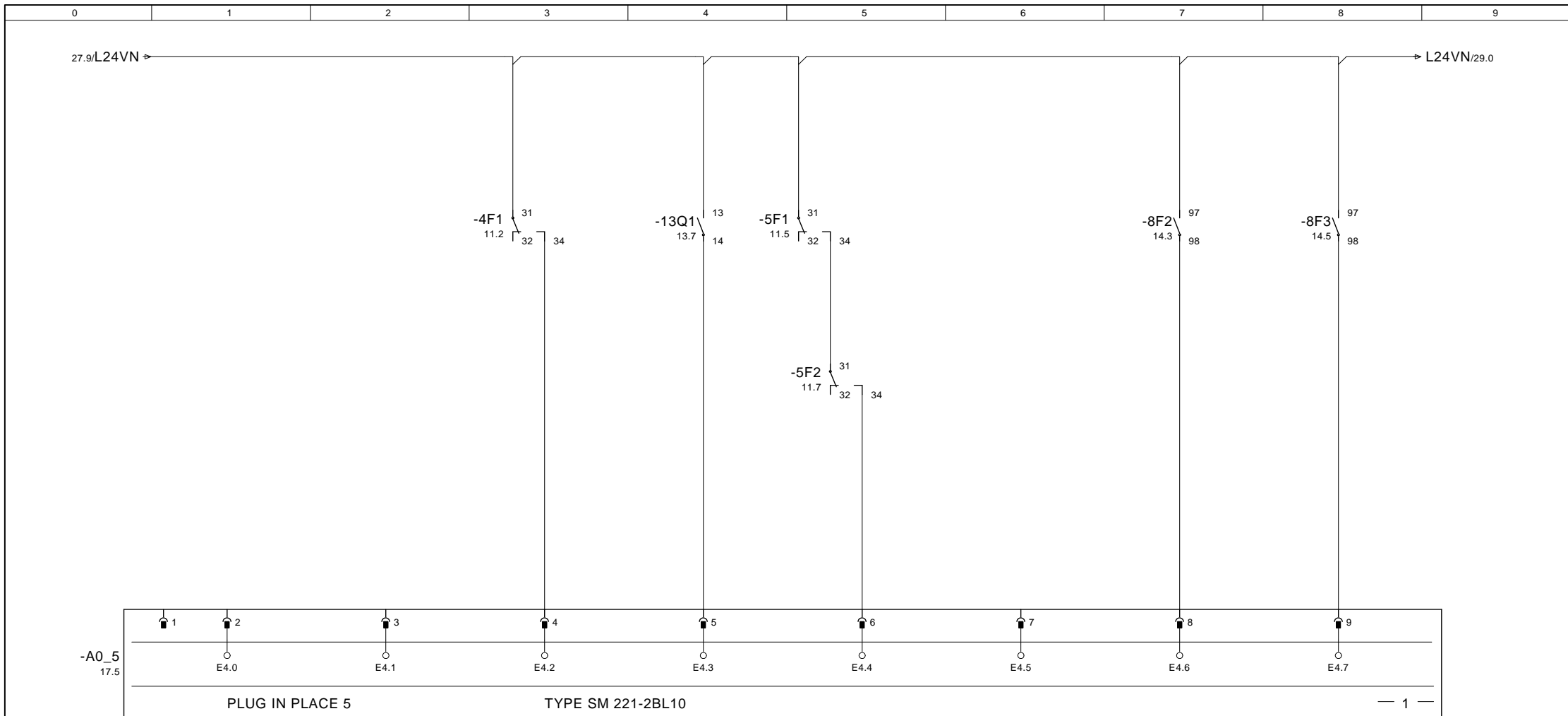
RESERVE

RESERVE

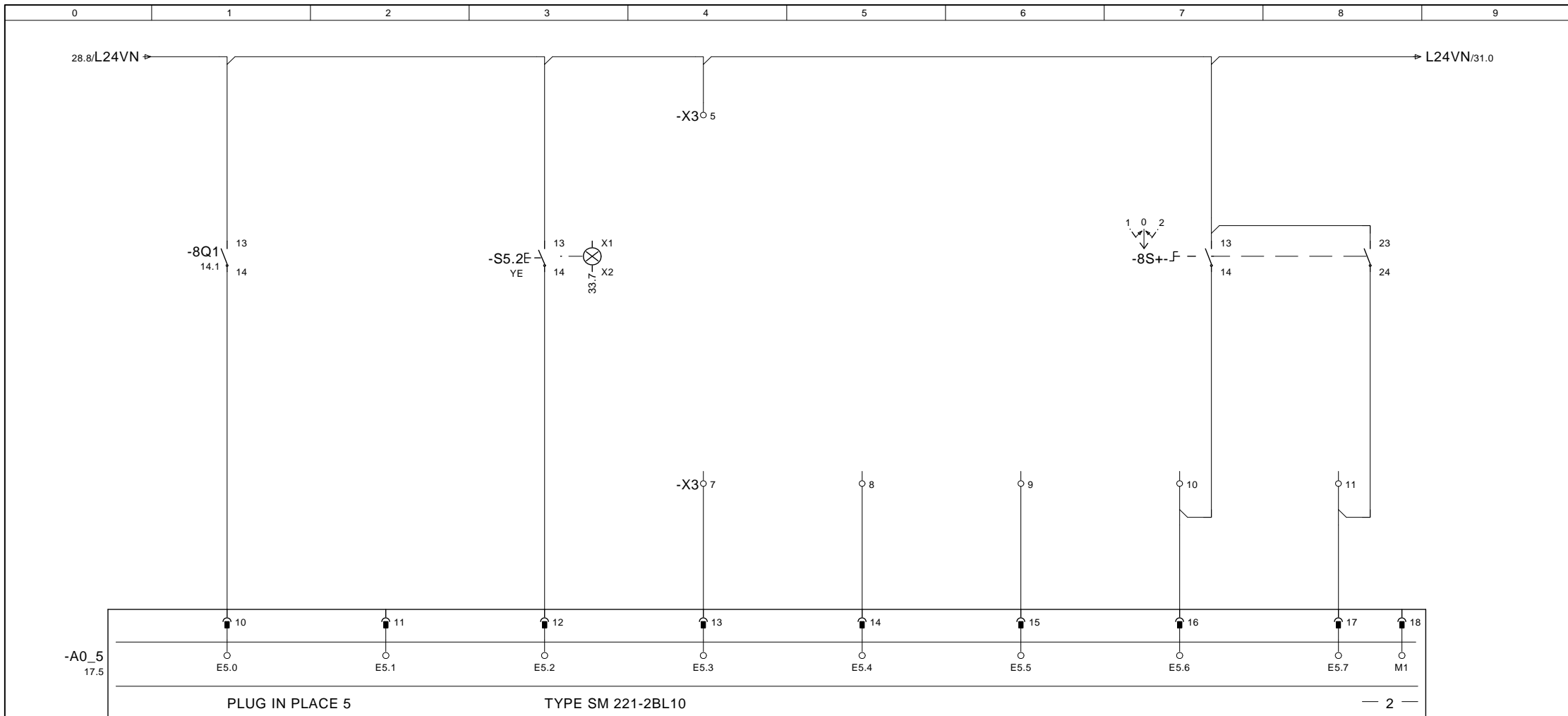
RESERVE

RESERVE

			DATE	26.Nov.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 EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	41



			DATE	26.Nov.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 EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	41



VIBRATING FEEDER  
FREQUENCY CONVERTER/  
MAIN

AUFGABERINNE  
FU/NETZ

SPARE

RESERVE

COUPLING  
ENGAGED

KUPPLUNG  
EINGERUECKT

SPARE

RESERVE

SPARE

RESERVE

SPARE

RESERVE

VIBRATING FEEDER 8  
FASTER

AUFGABERINNE 8  
SCHNELLER

VIBRATING FEEDER 8  
SLOWER

AUFGABERINNE 8  
LANGSAMER

DATE 26.Nov.2015  
EDITED JBR  
CONTR. D. MALLKOWSKY

KLEEMANN GMBH  
MOBICAT MC 120 Z EU



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

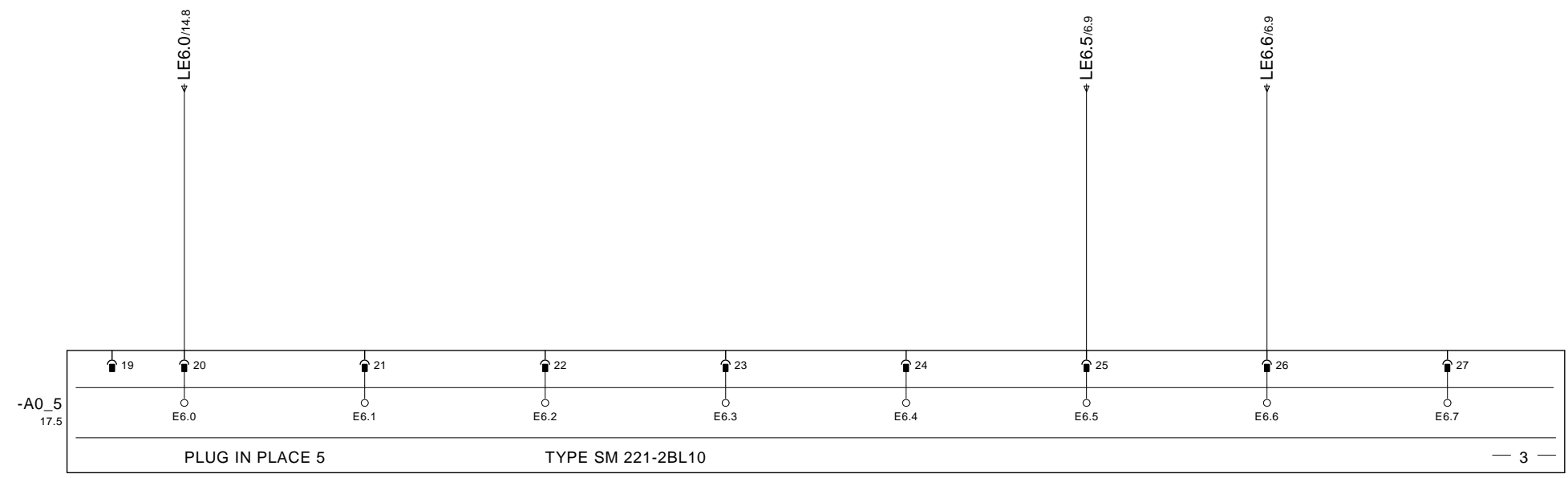
KLEEMANN  
SERIES K007

KLEEMANN  
MATERIAL NO 2388430\_01

= 100

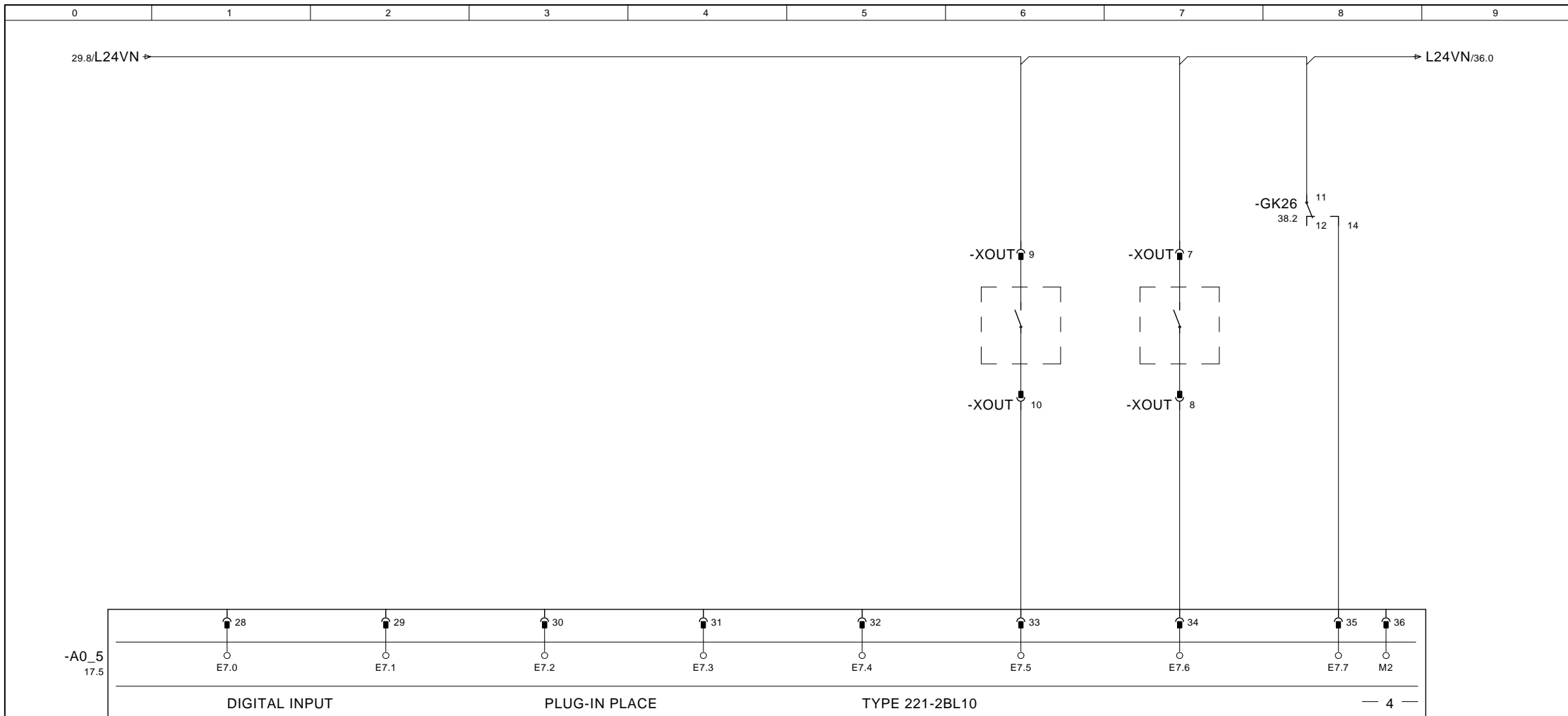
CAE-SYSTEM:  
EPLAN 5.70

+  
PG. 29  
PG. 41



MALFUNCTION FREQUENCY CONVERTER VIBRATING FEEDER 8	SPARE	SPARE	SPARE	SPARE	OPERATION	CONVEYOR BELT	SPARE
STOERUNG FU AUFGABERINNE 8	RESERVE	RESERVE	RESERVE	RESERVE	BETRIEB	TRANSPORT	RESERVE

DATE	26.Nov.2015	KLEEMANN GMBH		DIGITALE AUSGAENGE A 6.0 - A 6.7/ DIGITAL OUTPUTS A 6.0 - A 6.7	KLEEMANN SERIES	K007	= 100	+		
EDITED	JBR				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM:	EPLAN 5.70	PG.	30
CONTR.	D. MALLKOWSKY						PG.	41		
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			

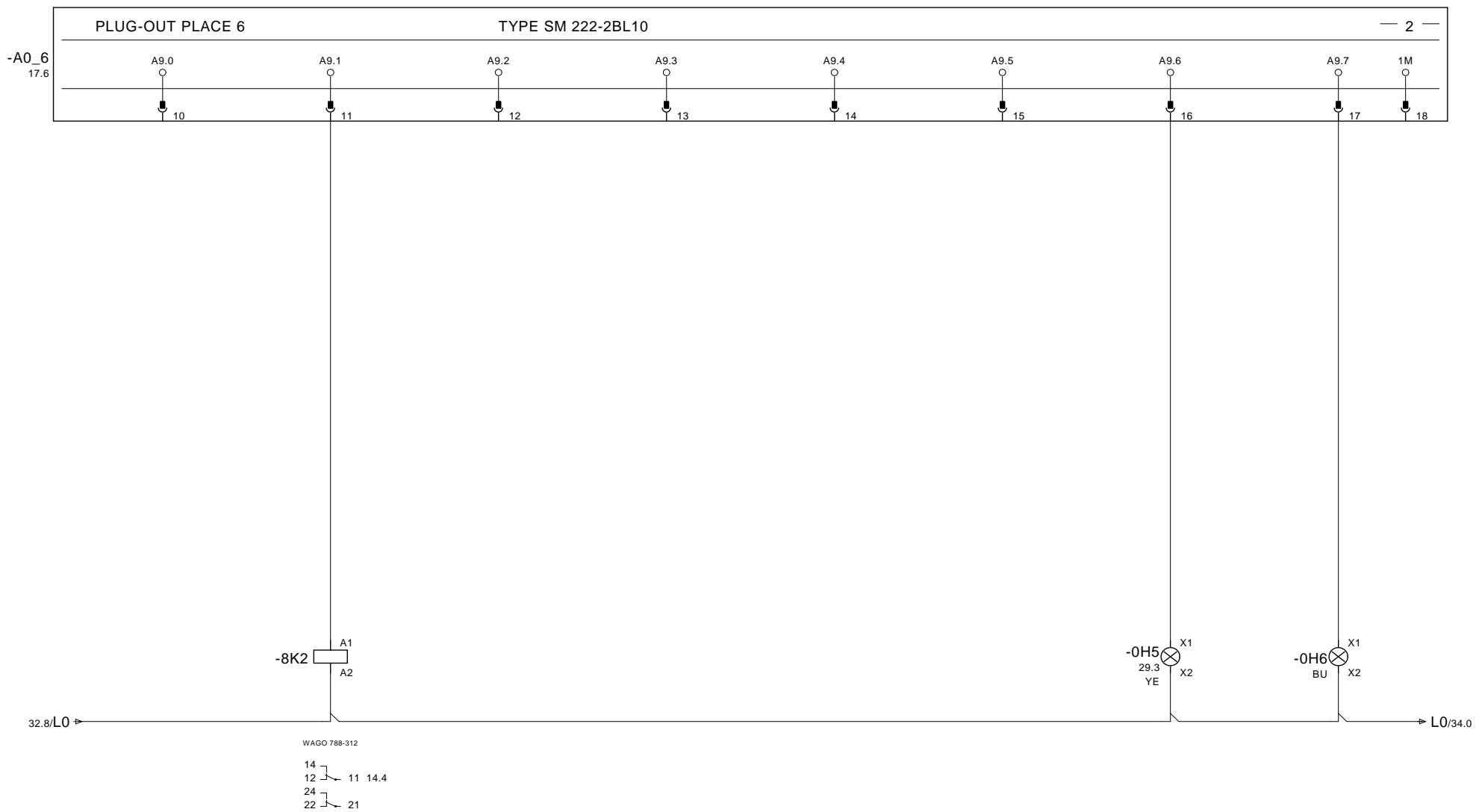


SPARE	SPARE	SPARE	SPARE	SPARE	OVERLOAD 1 REMOVAL	OVERLOAD 2 REMOVAL	PREWARNING OIL TEMPERATUR
RESERVE	RESERVE	RESERVE	RESERVE	RESERVE	UEBERLAST 1 ABFOERDERUNG	UEBERLAST 2 ABFOERDERUNG	VORWARNUNG OELTEMPERATUR

			DATE	26.Nov.2015	KLEEMANN GMBH				DIGITALE EINGAENGE	KLEEMANN	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z EU				E 7.0 - E 7.7/	SERIES			
			CONTR.	D. MALLKOWSKY					DIGITAL INPUTS E 7.0 - E 7.7	KLEEMANN	2388430_01	CAE-SYSTEM:	PG. 31
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		MATERIAL NO		EPLAN 5.70	PG. 41	



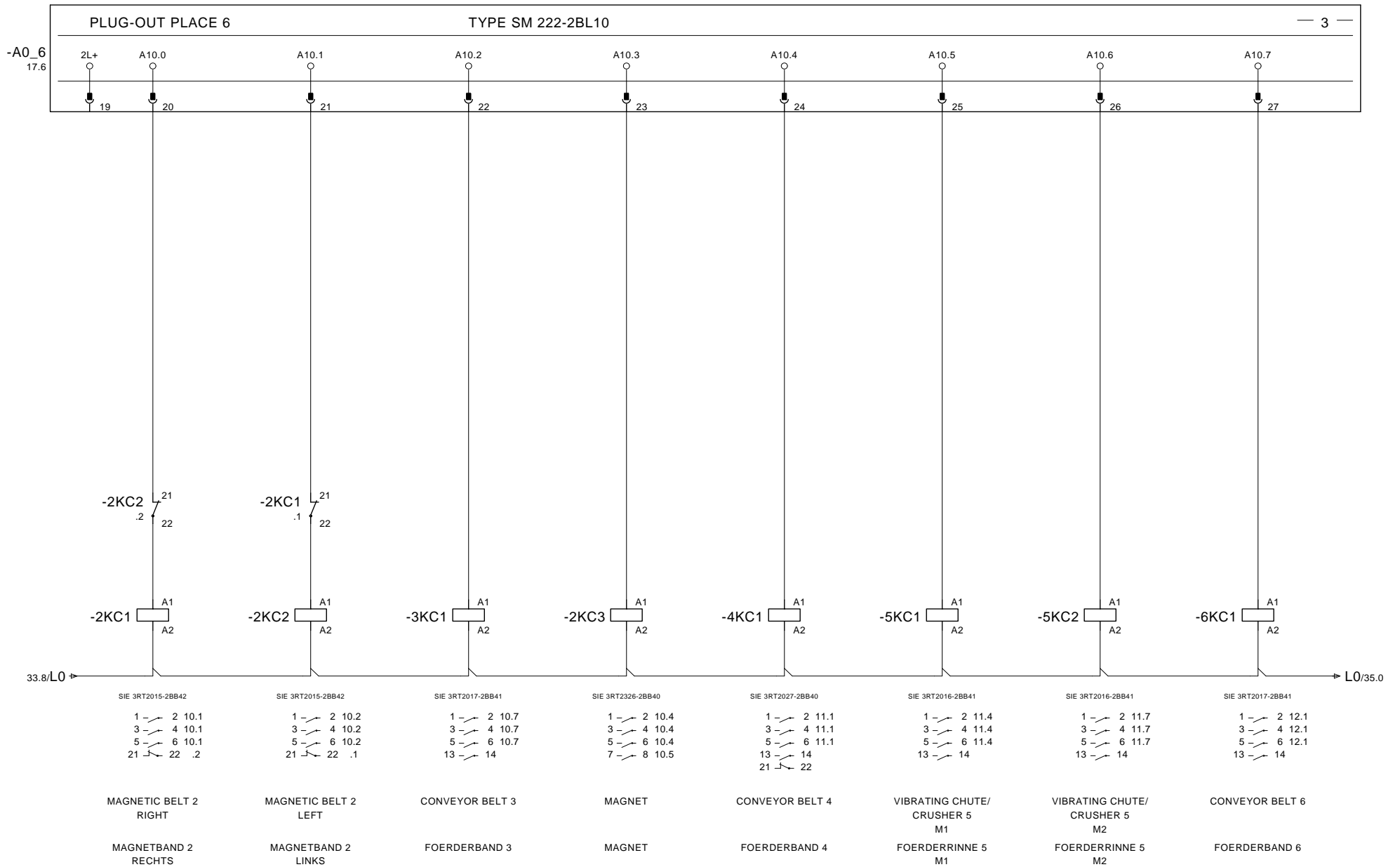




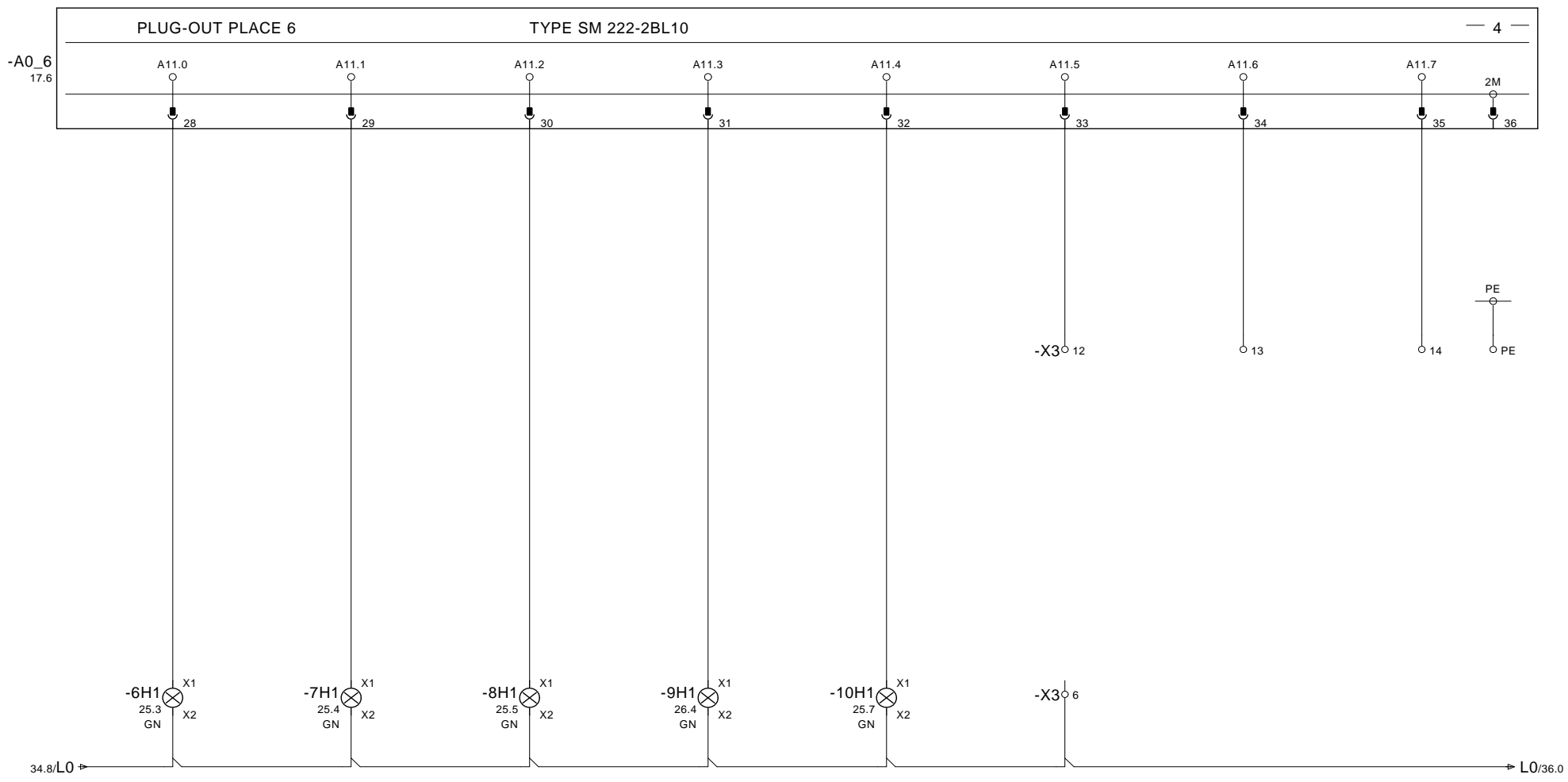
SPARE	START (RELEASING) FREQU. CONV. VIBRATING FEEDER 8	SPARE	SPARE	SPARE	SPARE	COUPLING ENGAGED	START-UP RELEASE
RESERVE	START (FREIGABE) FU AUFGABERINNE 8	RESERVE	RESERVE	RESERVE	RESERVE	KUPPLUNG EINGERUECKT	ANLAUFFREIGABE

DATE	26.Nov.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			KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.	33
CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z EU					PG.	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	PG.
								41



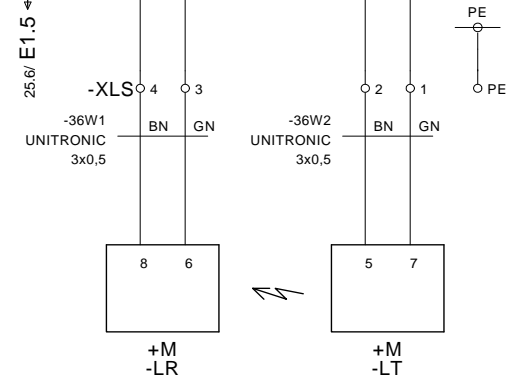
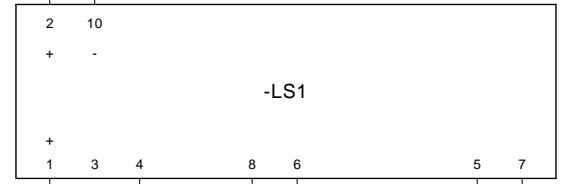
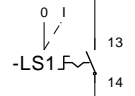
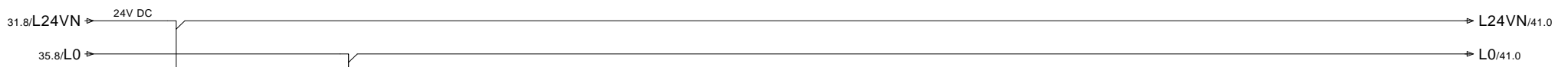


<table border="1"> <tr> <td>DATE</td> <td>26.Nov.2015</td> <td rowspan="3"> <b>KLEEMANN GMBH</b>  <b>MOBICAT MC 120 Z EU</b> </td> <td rowspan="3"> </td> <td rowspan="3">                 DIGITALE AUSGAENGE                  A 10.0 - A 10.7/                  DIGITAL OUTPUTS A 10.0 - A 10.7             </td> <td rowspan="3">                 KLEEMANN SERIES  <b>K007</b> </td> <td rowspan="3">                 = 100             </td> <td rowspan="3">                 +             </td> </tr> <tr> <td>EDITED</td> <td>JBR</td> </tr> <tr> <td>CONTR.</td> <td>D. MALLKOWSKY</td> </tr> <tr> <td>MODIFICAT.</td> <td>DATE</td> <td>NAME</td> <td>NORM</td> <td>DIN</td> <td>ORIGIN</td> <td>REP.F.</td> <td>REP.T.</td> <td>                 KLEEMANN MATERIAL NO  <b>2388430_01</b> </td> <td>                 CAE-SYSTEM:                  EPLAN 5.70             </td> <td>                 PG.  <b>34</b> </td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>                 PG.  <b>41</b> </td> </tr> </table>										DATE	26.Nov.2015	<b>KLEEMANN GMBH</b> <b>MOBICAT MC 120 Z EU</b>		DIGITALE AUSGAENGE A 10.0 - A 10.7/ DIGITAL OUTPUTS A 10.0 - A 10.7	KLEEMANN SERIES <b>K007</b>	= 100	+	EDITED	JBR	CONTR.	D. MALLKOWSKY	MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	KLEEMANN MATERIAL NO <b>2388430_01</b>	CAE-SYSTEM: EPLAN 5.70	PG. <b>34</b>											PG. <b>41</b>
DATE	26.Nov.2015	<b>KLEEMANN GMBH</b> <b>MOBICAT MC 120 Z EU</b>		DIGITALE AUSGAENGE A 10.0 - A 10.7/ DIGITAL OUTPUTS A 10.0 - A 10.7	KLEEMANN SERIES <b>K007</b>	= 100	+																																				
EDITED	JBR																																										
CONTR.	D. MALLKOWSKY																																										
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	KLEEMANN MATERIAL NO <b>2388430_01</b>	CAE-SYSTEM: EPLAN 5.70	PG. <b>34</b>																																	
										PG. <b>41</b>																																	



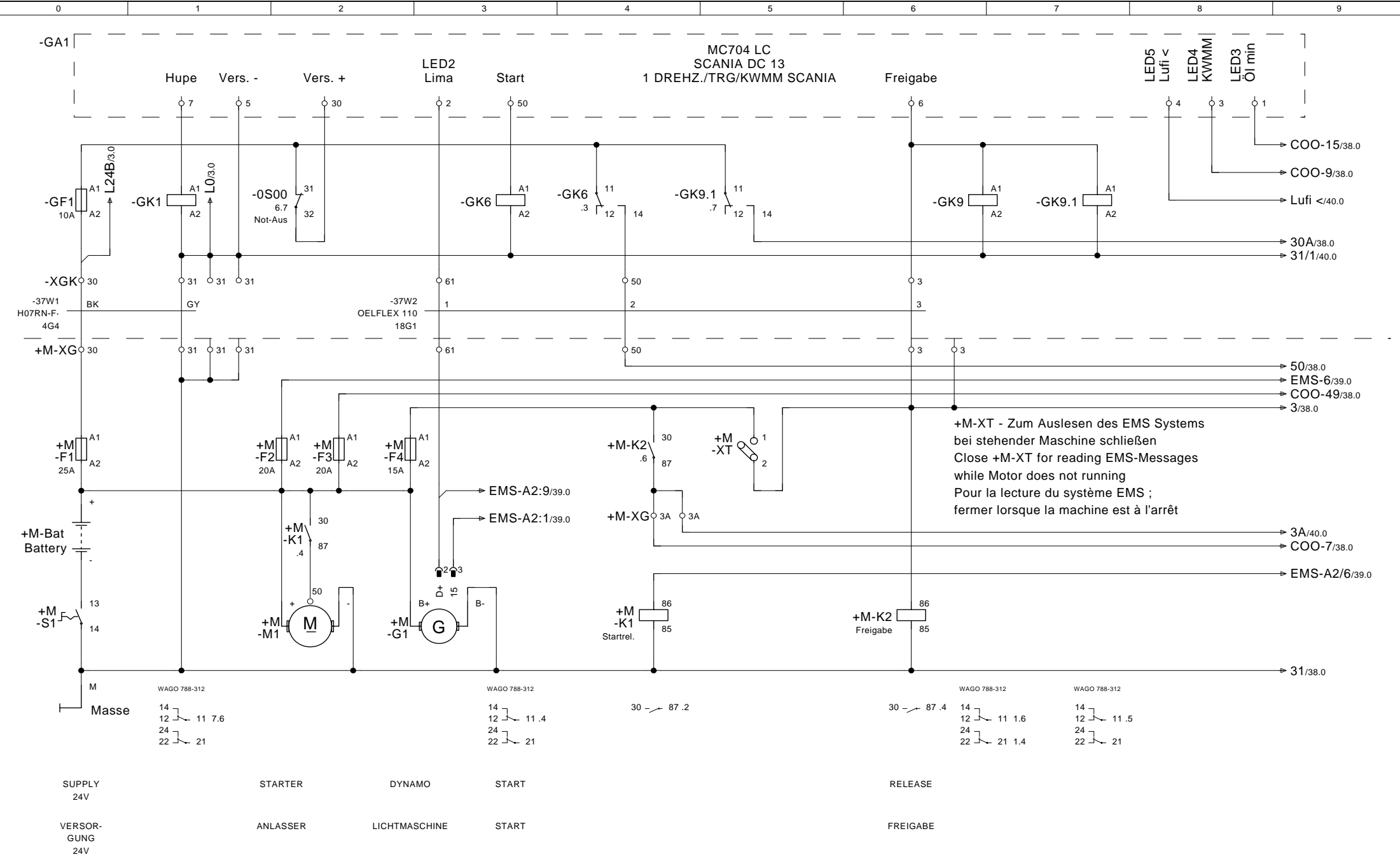
CONVEYOR BELT 6 ON/OFF	VIBRATING SCREEN 7 ON/OFF	VIBRATING FEEDER 8 ON/OFF	HYDRAULIC 9 ON/OFF	WATERPUMP 10 ON/OFF	SPARE	SPARE	SPARE
FOERDERBAND 6 EIN/AUS	VIBRATIONSSIEB 7 EIN/AUS	AUFGABERINNE 8 EIN/AUS	HYDRAULIK 9 EIN/AUS	WASSERPUMPE 10 EIN/AUS	RESERVE	RESERVE	RESERVE

		DATE	26.Nov.2015		KLEEMANN GMBH			DIGITALE AUSGAENGE		KLEEMANN SERIES		K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z EU			A 11.0 - A 11.7/ DIGITAL OUTPUTS A 11.0 - A 11.7		KLEEMANN MATERIAL NO		2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 35
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41	

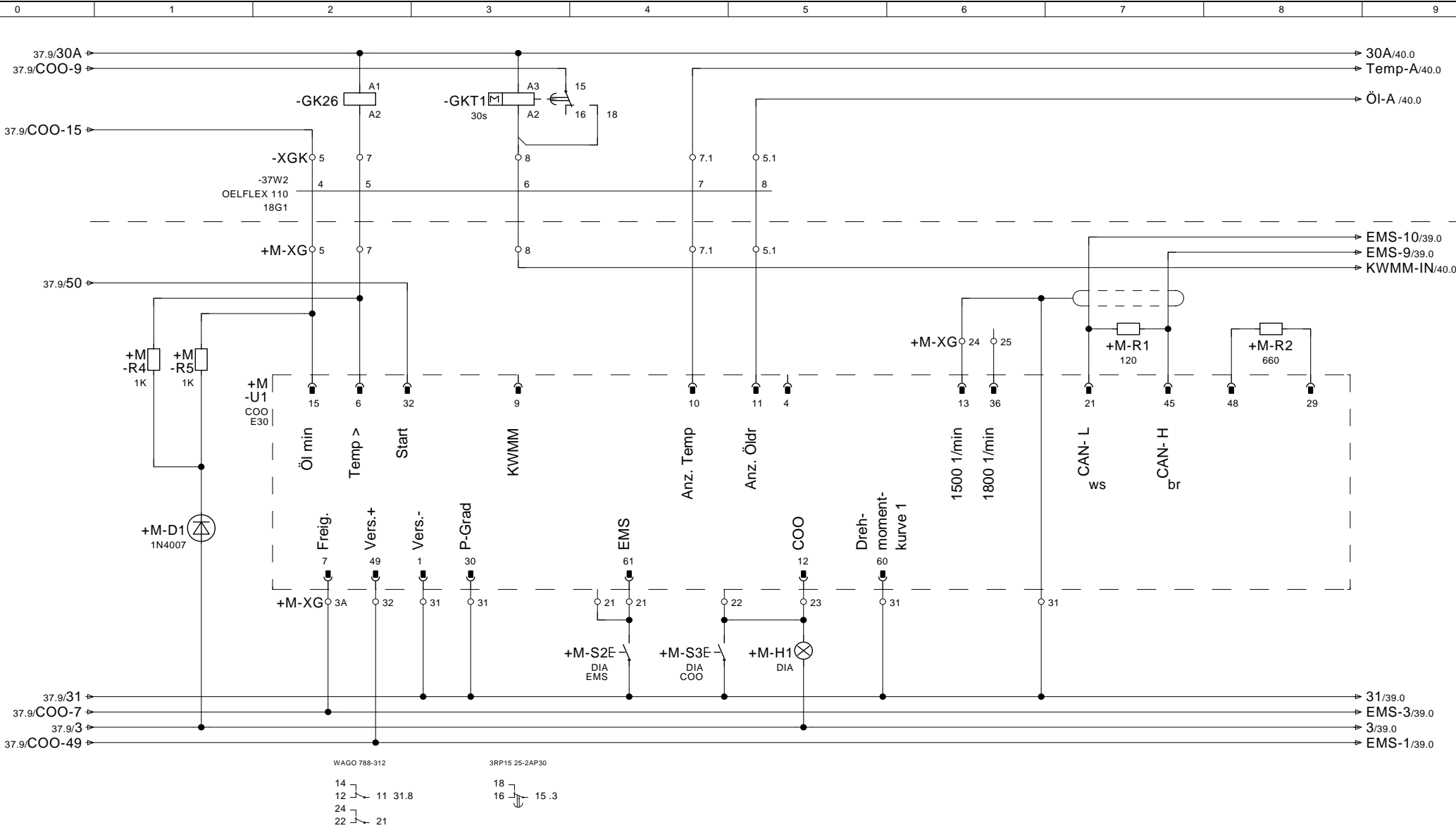


LIGHT BARRIER CRUSHER  
 LICHTSCHRANKE BRECHER

			DATE	26.Nov.2015	KLEEMANN GMBH				LICHTSCHRANKE BRECHER/ LIGHT BARRIER CRUSHER	KLEEMANN SERIES	K007	= 100	+	
			EDITED	JBR	MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM:	EPLAN 5.70	PG. 36
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 41

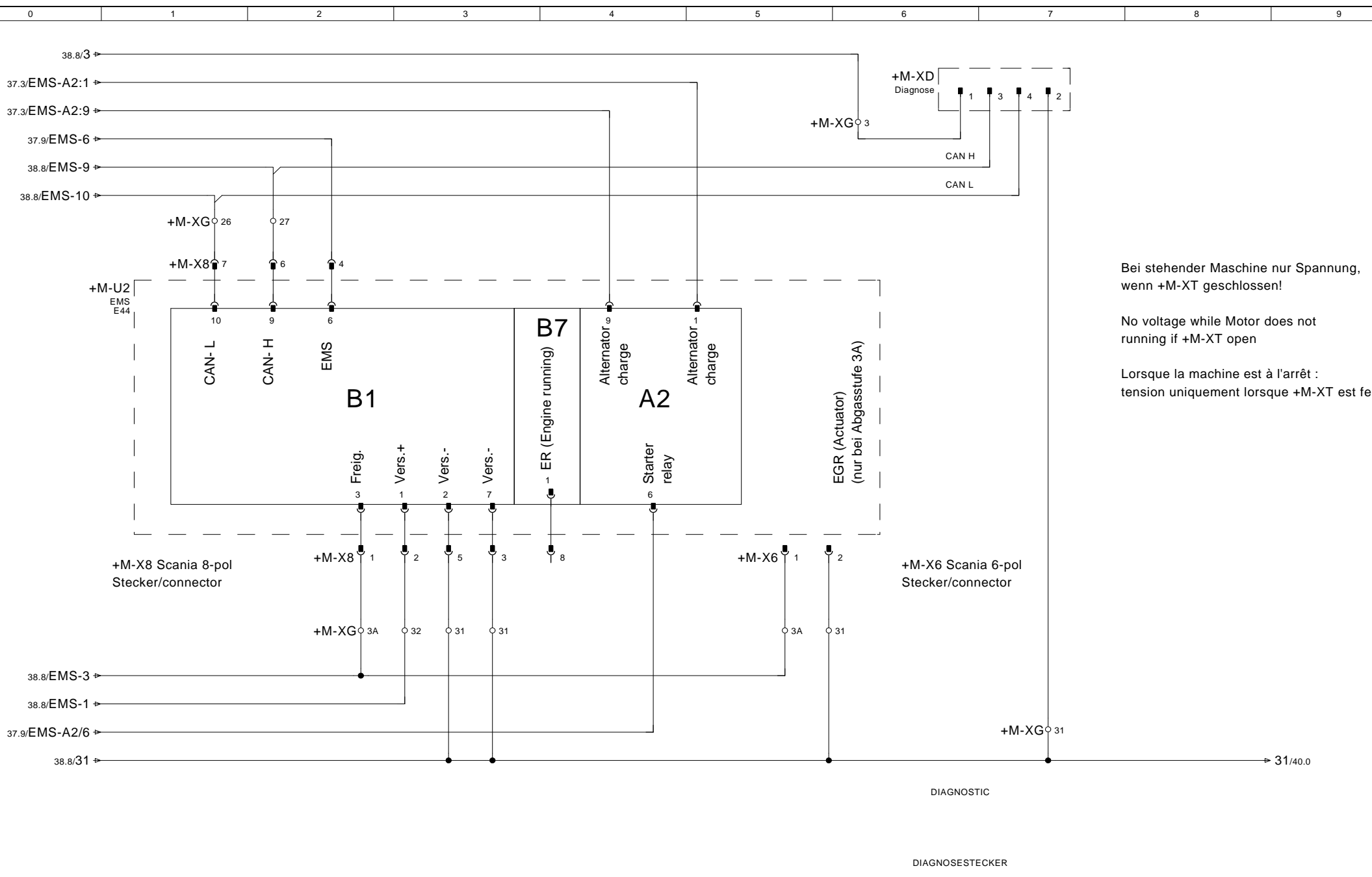


		DATE	26.Nov.2015	KLEEMANN GMBH		MOTORUEBERWACHUNG/ MOTOR CONTROLLING		KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z EU		KLEEMANN		KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 37
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41



PREWARNING OIL TEMPERATUR COOLING WATER LOW LEVEL  
 VORWARNUNG OELTEMPERATUR KUEHLWASSER-MANGEL

		DATE	26.Nov.2015	KLEEMANN GMBH			KOORDINATOR/ COORDINATOR	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 38
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG. 41	



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

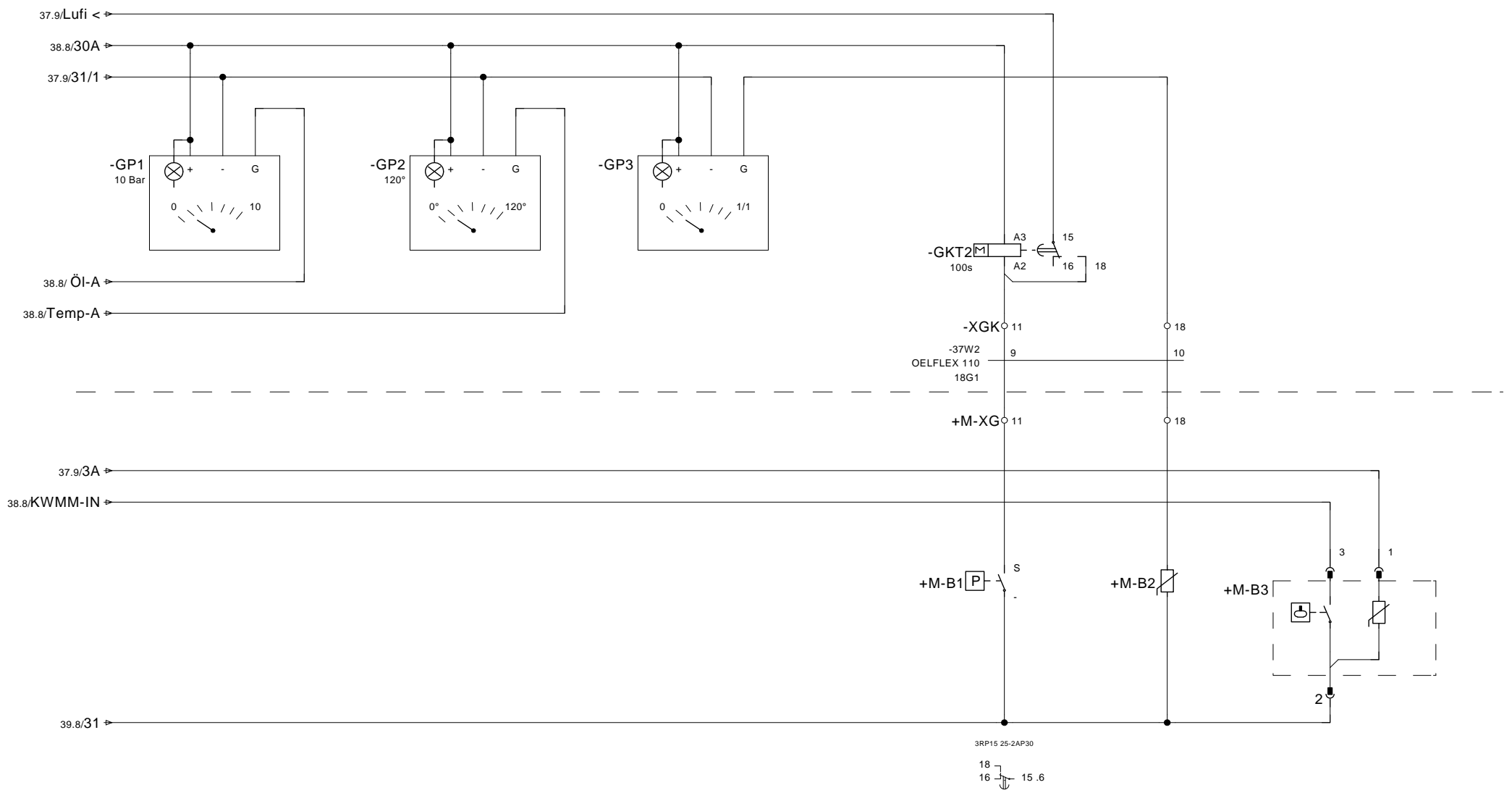
No voltage while Motor does not running if +M-XT open

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

DIAGNOSTIC

DIAGNOSESTECKER

		DATE	26.Nov.2015	KLEEMANN GMBH			EMS	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z EU			KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 39	PG. 41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				



OIL PRESSURE

TEMPERATURE

FUEL LEVEL

AIR FILTER  
PLUGGES

FUEL  
LEVEL

COOLING WATER  
LOW LEVEL

OELDRUCK

TEMPERATUR

TANKINHALT

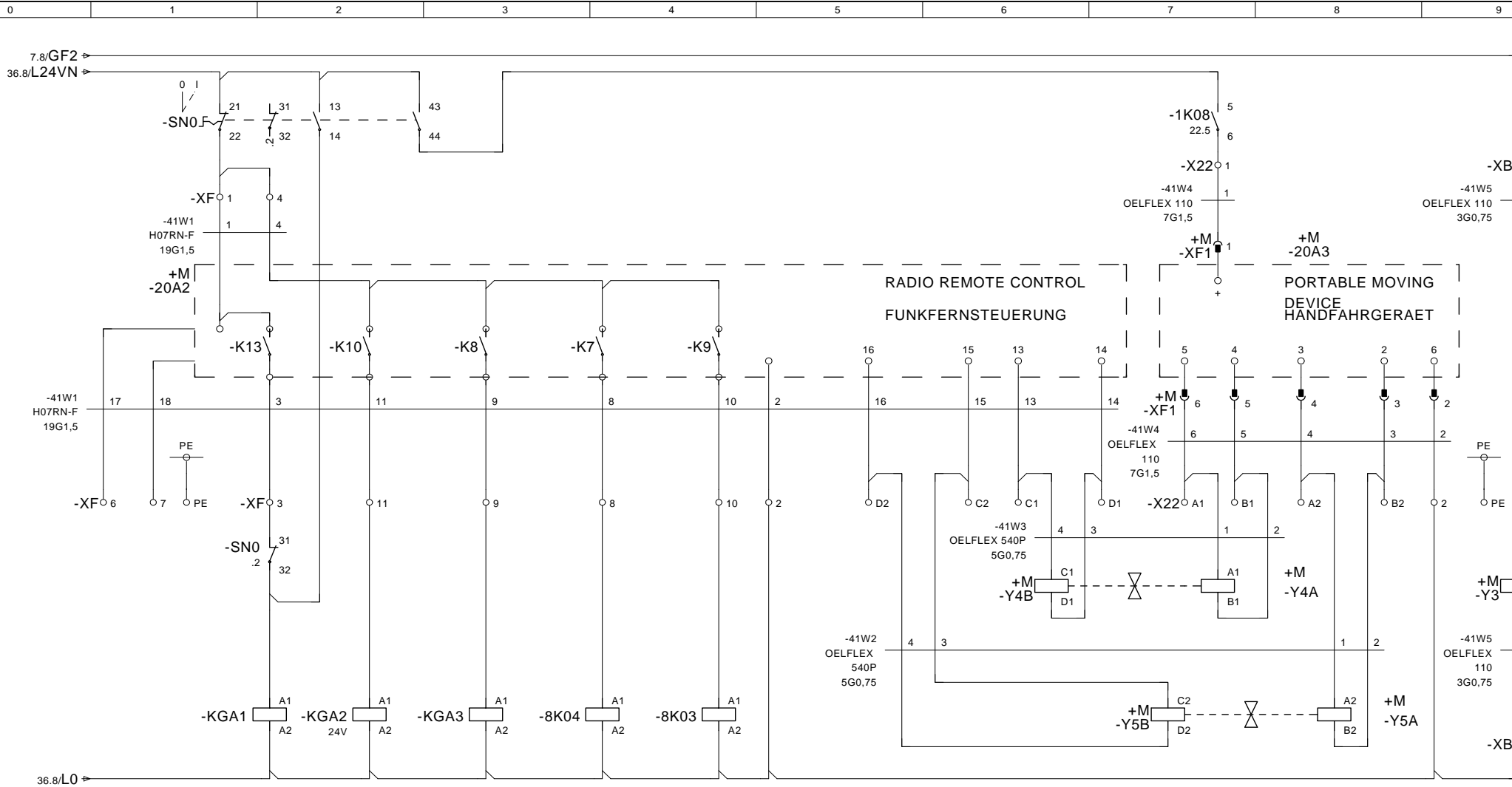
LUFTFILTER  
VERSCHMUTZT

TANKINHALT

KUEHLWASSER-  
MANGEL

			DATE	26.Nov.2015	KLEEMANN GMBH				BETRIEBSINSTRUMENTE/ OPERATIONAL INSTRUMENTS	KLEEMANN SERIES	K007	= 100	+	
			EDITED	JBR	MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO	2388430_01	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 22 → 21	14 → 11 26.6 22 → 21	14 → 11 26.8 24 → 21	14 → 11 26.7 24 → 21

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

=KLE/1

40

		DATE	26.Nov.2015	KLEEMANN GMBH			FUNKFERNSTEUERUNG/ RADIO REMOTE CONTROL	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	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	1	PE	10	2	37	=KLE/12
-X3	KLEMMENLEISTE -X3/TERMINAL STRIP -X3	PE	14	1	0	15	=KLE/14
-X6	KLEMMLEISTE -X6/ TERMINAL STRIP -X6	PE	4	1	0	5	=KLE/15
-X8	KLEMMENLEISTE -X8/ TERMINAL STRIP -X8	PE	6	2	0	8	=KLE/16
-X00	KLEMMENLEISTE -X00/TERMINAL STRIP -X00	PE	N-FI	1	5	33	=KLE/17
-X22	KLEMMLEISTE -X22/ TERMINAL STRIP -X22	PE	B2	1	0	7	=KLE/19
-X230	KLEMMENLEISTE -X230/ TERMINAL STRIP -X230	PE	N230	1	0	5	=KLE/20
-XB	KLEMMENLEISTE -XB/ TERMINAL STRIP -XB	PE	2	1	0	3	=KLE/21
-XF	KLEMMLEISTE -XF/ TERMINAL STRIP -XF	PE	D2	1	0	15	=KLE/22
-XGK	KLEMMENLEISTE -XGK/ TERMINAL STRIP -XGK	3	61	0	0	14	=KLE/23
-XK	KLEMMENLEISTE -XK/ TERMINAL STRIP -XK	PE	2	1	0	3	=KLE/25
-XLS	KLEMMLEISTE -XLS TERMINAL STRIP -XLS	PE	4	1	0	5	=KLE/26
-XNG	KLEMMENLEISTE -XNG/ TERMINAL STRIP -XNG	1	2	0	0	2	=KLE/27
-0X0	KLEMMLEISTE -0X0/ TERMINAL STRIP -0X0	1	PE	1	0	3	=KLE/29
-0X06	KLEMMLEISTE -0X06/TERMINAL STRIP -0X06	1	PE	1	0	3	=KLE/30
-0X07	KLEMMENLEISTE -0X07/ TERMINAL STRIP -0X07	1	PE	1	0	3	=KLE/31
+M-XG	KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG	3	61	0	0	37	=KLE/36
+M-5X1	KLEMMLEISTE +M-5X1/ TERMINAL STRIP +M-5X1	U1	PE	2	0	8	=KLE/43

=100/41

2

# 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	
-XIN	STECKER -XIN/ PLUG -XIN	1	PE	0	0	18	=KLE/24
-XOUT	STECKER -XOUT/ PLUG -XOUT	1	PE	0	0	18	=KLE/28
-3X2	STECKER -3X2/ PLUG -3X2	1	PE	0	0	5	=KLE/32
-4X1	STECKER -4X1/ PLUG -4X1	1	PE	0	0	6	=KLE/33
-4X2	STECKER -4X2/ PLUG -4X2	1	PE	0	0	5	=KLE/34
+M-XF1	STECKER +M-XF1 PLUG +M-XF1	1	6	0	0	6	=KLE/35
+M-XS1	STECKER +M-XS1/ PLUG +M-XS1	1	4	0	0	4	=KLE/38
+M-XS2	STECKER +M-XS2/ PLUG +M-XS2	1	4	0	0	4	=KLE/39
+M-XS5	STECKER +M-XS5/ PLUG +M-XS5	1	4	0	0	4	=KLE/40
+M-XS6	STECKER +M-XS6/ PLUG +M-XS6	1	4	0	0	4	=KLE/41
+M-2X1	STECKER +M-2X1/ PLUG +M-2X1	1	PE	1	0	3	=KLE/42
+M-6X1	STECKER +M-6X1/ PLUG +M-6X1	1	PE	1	0	4	=KLE/44
+M-06X1	STECKER +M-06X1/ PLUG +M-06X1	1	PE	1	0	5	=KLE/45

DATE	26.Nov.2015	KLEEMANN GMBH		KLEEMANN SERIES	K007	= KLE	+
EDITED	JBR	MOBICAT MC 120 Z EU		KLEMMENLEISTEN-/ STECKERUEBERSICHT	KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			
MODIFICAT.	DATE	NAME	NORM	DIN			

FUNCTION TEXT		CABLE DESIGNATION/TYPE											TERMINAL STRIP/PLUG						CABLE DESIGNATION/TYPE	PAGE/PATH		
		-X0											DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION			CONNECTION	
		-06W7 OELFLEX 540P 5G1	-06W6 OELFLEX 540P 5G1	-06W6 OELFLEX 540P 5G1	-06W5 OELFLEX 540P 5G1	-06W4 OELFLEX 540P 5G1	-06W4 OELFLEX 540P 5G1	-06W3 OELFLEX 540P 5G1	-06W3 OELFLEX 540P 5G1	-06W3 OELFLEX 540P 5G1	-06W2 OELFLEX 540P 5G1	-06W1 OELFLEX 540P 5G1				INTERNAL WIRING	PLC DESIGNATION					
E-STOP PUSH-BUTTON													1	+M-XS1	1	1			=100-0S00	21		=100/6.0
=													3	+M-XS1	3	2			=100-0S00	11		=100/6.1
=													2	+M-XS1	2	3						=100/6.0
=													1	+M-XS2	1	4						=100/6.1
=													4	+M-XS1	4	5						=100/6.0
=													3	+M-XS2	3	6						=100/6.1
=													1	=100+M-0S03	21	7						=100/6.2
=													2	+M-XS2	2	8						=100/6.3
=													3	=100+M-0S03	11	9						=100/6.2
=													4	+M-XS2	4	10						=100/6.2
=													1	=100+M-0S04	21	11						=100/6.2
=													2	=100+M-0S03	22	12						=100/6.3
=													3	=100+M-0S04	11	13						=100/6.2
=													4	=100+M-0S03	12	14						=100/6.4
=													1	+M-XS5	2							=100/6.2
=													2	=100+M-0S04	22							=100/6.2
=													3	+M-XS5	4							=100/6.2
=													4	=100+M-0S04	12							=100/6.3
=													1	+M-XS5	1							=100/6.4
=													2	+M-XS6	1							
=													3	+M-XS5	3							
=													4	+M-XS6	3							
=													1	+M-XS6	2							
=													2	=100+M-0S07	21							
=													3	+M-XS6	4							
=													4	=100+M-0S07	11							

DATE		26.Nov.2015		KLEEMANN GMBH				KLEEMANN SERIES		K007		= KLE		+	
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM:		EPLAN 5.70	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.		TERMINAL STRIP -X0		PG.		45	
MODIFICAT.		DATE		NAME		NORM		DIN		ORIGIN		REP.F.		REP.T.	

FUNCTION TEXT		CABLE DESIGNATION/TYPE											TERMINAL STRIP/PLUG -X0					CABLE DESIGNATION/TYPE	PAGE/ PATH						
													DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION					
																FIXED	INTERNAL WIRING								
E-STOP PUSH-BUTTON													2	=100+M-0S07	22	15									=100/6.4
=													4	=100+M-0S07	12	16								=100/6.4	
=																17							=100/6.4		
=																18							=100/6.4		
=													-3X2		1	19							=100/6.4		
=													-3X2		3	20							=100/6.4		

0	1	2	3	4	5	6	7	8	9																			
FUNCTION TEXT	CABLE DESIGNATION/TYPE	-12W1 H07RN-F	4G1.5	-11W3 H07RN-F	4G1.5	-11W2 H07RN-F	4G1.5	-10W2 H07RN-F	5G4	-12W3 H07RN-F	4G1.5	-10W1 H07RN-F	4G1.5	TERMINAL STRIP/PLUG -X1														
														DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION					CABLE DESIGNATION/TYPE	PAGE/PATH
MAGNETIC BELT 2													BK	=100+M-2M1	U	1						=100-2KC1	2					=100/10.1
=													BN	=100+M-2M1	V	2						=100-2KC1	4					=100/10.1
=													GY	=100+M-2M1	W	3						=100-2KC1	6					=100/10.1
=													GNYE	=100+M-2M1	PE	PE						=100-PE						=100/10.2
MAGNET													BK	+M-2X1		1						=100-2KC3	2					=100/10.4
=																5						=100-2KC3	4					=100/10.4
=																6						=100-2KC3	6					=100/10.4
=													BU	+M-2X1		2						=100-2KC3	8					=100/10.5
=													GNYE	+M-2X1	PE	PE						=100-PE						=100/10.5
SHAKING CONVEYOR 5 BELOW													BK	+M-5X1	U1	8						=100-5F1	2					=100/11.4
=													BN	+M-5X1	V1	9						=100-5F1	4					=100/11.4
=													GY	+M-5X1	W1	10						=100-5F1	6					=100/11.4
=													GNYE	+M-5X1	PE	PE						=100-PE						=100/11.5
SHAKING CONVEYOR 5 TOP													BK	+M-5X1	U2	11						=100-2						=100/11.7
=													BN	+M-5X1	V2	12						=100-4						=100/11.7
=													GY	+M-5X1	W2	13						=100-6						=100/11.7
=													GNYE	+M-5X1	PE	PE						=100-PE						=100/11.7
CONVEYOR BELT 6													BK	+M-6X1		1						=100-6KC1	2					=100/12.1
=													BN	=100+M-6X2		1						=100-6KC1	4					=100/12.1
=													BN	+M-6X1		2						=100-6KC1	4					=100/12.1
=													GY	=100+M-6X2		2						=100-6KC1	6					=100/12.1
													GY	+M-6X1		3						=100-6KC1	6					=100/12.1
														=100+M-6X2		3												

DATE		26.Nov.2015		KLEEMANN GMBH				KLEEMANN SERIES		K007		= KLE		+	
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM:		EPLAN 5.70	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.		KLEMMLEISTE -X1/ TERMINAL STRIP -X1				PG. 45	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								

0	1	2	3	4	5	6	7	8	9																							
FUNCTION TEXT	CABLE DESIGNATION/TYP	-13W3 H07RN-F	4G1.5	-13W2 H07RN-F	4G1.5	-13W1 H07RN-F	4G1.5	-12W4 H07RN-F	4G6	-12W3 H07RN-F	4G1.5	-12W1 H07RN-F	4G1.5	TERMINAL STRIP/PLUG -X1										CABLE DESIGNATION/TYP	PAGE/ PATH							
														DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	INTERNAL WIRING	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION											
CONVEYOR BELT 6												GNYE		+M-6X1	PE	PE				=100-PE												=100/12.2
VIBRATING SCREEN 7								BK						=100+M-6X2	PE	17				=100-7F2	2										=100/12.4	
=								BN						=100+M-7M1	V1	18				=100-7F2	4										=100/12.4	
=								GY						=100+M-7M1	W1	19				=100-7F2	6										=100/12.4	
=								GNYE						=100+M-7M1	PE	PE				=100-PE											=100/12.4	
HYDRAULIC 9								BK						=100+M-9M1	U	20				=100-9KC1	2										=100/13.1	
=								BN						=100+M-9M1	V	21				=100-9KC1	4										=100/13.1	
=								GY						=100+M-9M1	W	22				=100-9KC1	6										=100/13.1	
=								GNYE						=100+M-9M1	PE	PE				=100-PE											=100/13.2	
WATERPUMP 10								BN						=100+M-10XD1		23				=100-10KC1	2										=100/13.4	
=								GNYE						=100+M-10XD1		PE				=100-PE											=100/13.4	
=								GY						=100+M-10XD1		24				=100-10KC1	6										=100/13.5	
OVERPRESSURE FAN								BK						=100+M-13M1	U	25				=100-13Q1	2										=100/13.7	
=								BN						=100+M-13M1	V	26				=100-13Q1	4										=100/13.7	
=								GY						=100+M-13M1	W	27				=100-13Q1	6										=100/13.7	
=								GNYE						=100+M-13M1	PE	PE				=100-PE											=100/13.7	
CRUSHER 1														=100+M-1M1	PE	PE				=100-PE											=100/8.7	

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

DATE		26.Nov.2015		KLEEMANN GMBH			KLEEMANN SERIES		K007		= KLE		+		
EDITED		JBR		MOBICAT MC 120 Z EU			KLEMMENLEISTE -X3/ TERMINAL STRIP -X3		KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 14
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.						PG. 45	



0	1	2	3	4	5	6	7	8	9							
FUNCTION TEXT	CABLE DESIGNATION/TYPE					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH
FLASHING LIGHT									PE				=100-PE			=100/7.8
HOOTER						=100+M-00H2	1	1					=100-GK1	14		=100/7.6
=						=100+M-00H2	2	2					-XK	2		=100/7.6
FLASHING LIGHT						=100+M-00H3		X1					=100-00K3	14		=100/7.8
=						=100+M-00H3		X2					=100-1F1	B2		=100/7.8

DATE	26.Nov.2015	KLEEMANN GMBH		KLEEMANN SERIES	K007	= KLE	+
EDITED	JBR	MOBICAT MC 120 Z EU		KLEMMLEISTE -X6/ TERMINAL STRIP -X6	KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	REP.F.	REP.T.				PG. 45
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN		

FUNCTION TEXT	CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG											CABLE DESIGNATION/TYP	PAGE/ PATH
		-X8												
		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION					
			F	I			INTERNAL WIRING							
VIBRATING FEEDER 8 DRIVE LEFT		-14W2 OELEFLEX FD865CP 4G2.5	-14W1 OELEFLEX FD865CP 4G2.5	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		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		

FUNCTION TEXT	CABLE DESIGNATION/TYP												TERMINAL STRIP/PLUG					CABLE DESIGNATION/TYP	PAGE/ PATH
													-X00						
													DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION		
			F I X E D	INTERNAL WIRING	PLC DESIG- NATION														
SOCKET 16A/230V																		=100/4.4	
CONTROL VOLTAGE ON																		=100/7.4	
																		=100/17.2	
																		=100/17.3	
																		=100/17.3	
																		=100/17.4	
INSTALLATION ON																		=100/24.1	
CONVEYOR BELT 4 ON/OFF																		=100/25.1	
ILLUMINATION 1																		=100/3.1	
ILLUMINATION 2																		=100/3.3	
BELT WEIGHER																		=100/3.5	
SUPPLY 24V AFTER EMERGENCY STOP																		=100/7.2	
CONTROL VOLTAGE ON																		=100/7.3	
																		=100/17.2	
																		=100/17.3	
																		=100/17.3	
																		=100/17.4	
																		=100/17.5	
																		=100/17.5	
																		=100/17.6	

DATE 26.Nov.2015		KLEEMANN GMBH		 <b>KLEEMANN</b>		KLEEMANN SERIES K007		= KLE		+	
EDITED JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 17	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG. 45	

# TERMINAL STRIP/PLUG

-X00

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					
																-A0_5	36	2	•							=100/17.6
																-A0_6	18	2	•							=100/17.7
																-A0_6	36	2	•							=100/17.7
SET VALUE FREQUENCY CONVERTER VIBRATING FEEDER 8																-A0_2	14	2	•			=100-1K1	A2			=100/19.3
SUPPLY 24V AFTER EMERGENCY STOP																=100-0K1	6	3	•							=100/7.1
=																	3	•								=100/7.2
																-A0_6	1	3	•							=100/17.6
																-A0_6	19	3	•							=100/17.6
TOTAL FAULT CURRENT PROTECTION																=100-P5		N	•			=100-0F01	8			=100/1.7
=																		N	•							=100/1.7
																		N	•			=100-0F04	N			=100/1.7
SOCKET 32A																=100-0X4	N	N-FI	•			=100-0F04	NFI			=100/4.2
SOCKET 16A/230V																=100-0X5	N	N-FI	•							=100/4.3

0	1	2	3	4	5	6	7	8	9							
FUNCTION TEXT	CABLE DESIGNATION/TYPE					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH
RUN CHAIN LEFT (MANUAL)						=100-PE			PE							=100/41.9
EINSPEISUNG 24V DC						1 +M-XF1	1	1					=100-1K08	6		=100/41.7
EINSPEISUNG 0V DC						2 +M-XF1	2	2					-XF	2		=100/41.9
RUN CHAIN RIGHT (MANUAL)						6 +M-XF1	6						-XB	2		=100/41.7
RUN CHAIN LEFT (MANUAL)						1 =100+M-Y4B	A1	A1								=100/41.7
RUN CHAIN LEFT (MANUAL)						4 +M-XF1	4	A2								=100/41.8
RUN CHAIN RIGHT (MANUAL)						1 =100+M-Y5B	A2									
RUN CHAIN RIGHT (MANUAL)						5 +M-XF1	5	B1								=100/41.7
RUN CHAIN LEFT (MANUAL)						2 =100+M-Y4B	B1	B1								
RUN CHAIN LEFT (MANUAL)						3 +M-XF1	3	B2								=100/41.8
						2 =100+M-Y5B	B2									

DATE		26.Nov.2015		KLEEMANN GMBH				KLEEMANN SERIES		K007		= KLE		+	
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM:		EPLAN 5.70	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.		MATERIAL NO		2388430_01		PG. 45	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								



FUNCTION TEXT	CABLE DESIGNATION/TYP	3G0,75	TERMINAL STRIP/PLUG							CABLE DESIGNATION/TYP	PAGE/ PATH	
			-XB									
			DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION			CONNECTION
						F I X E D	I N T E R N A L W I R I N G					
BRACKE VALVE												
=		-41W5	=100-M-Y3	1	1			=100-PE		=100/41.9		
=		OELEFLEX 110	=100-M-Y3	2	2			=100-1K08	2	=100/41.9		
								-X22	2	=100/41.9		

0	1	2	3	4	5	6	7	8	9								
FUNCTION TEXT	CABLE DESIGNATION/TYPE					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH	
						=100-PE			PE							=100/41.1	
						1 =100+M-20A2		1					=100-SN0	22		=100/41.1	
VIBRATING CHUTE SLOWER (RADIO)					2 =100+M-20A2		2						=100-8K03	A2			=100/41.5
INSTALLATION OFF (RADIO)					3 =100+M-20A2		3						-X22	2			=100/41.2
=					4 =100+M-20A2		4						=100-SN0	31			=100/41.2
						17 =100+M-20A2		6								=100/41.1	
						18 =100+M-20A2		7								=100/41.1	
VIBRATING CHUTE FASTER (RADIO)						8 =100+M-20A2		8					=100-8K04	A1		=100/41.4	
VIBRATING CHUTE + SCREEN OFF(REMOTE)						9 =100+M-20A2		9					=100-KGA3	A1		=100/41.3	
VIBRATING CHUTE SLOWER (RADIO)						10 =100+M-20A2		10					=100-8K03	A1		=100/41.4	
VIBRATING CHUTE + SCREEN ON(REMOTE)						11 =100+M-20A2		11					=100-KGA2	A1		=100/41.2	
RUN CHAIN RIGHT (REMOTE)						13 =100+M-20A2	13		C1							=100/41.6	
RUN CHAIN LEFT (REMOTE)						15 =100+M-20A2		15								=100/41.6	
RUN CHAIN RIGHT (REMOTE)					3	14 =100+M-20A2		14								=100/41.7	
RUN CHAIN LEFT (REMOTE)						16 =100+M-20A2		16								=100/41.5	
					4	=100+M-Y5B			D2								

DATE		26.Nov.2015		KLEEMANN GMBH			KLEMMLEISTE -XF/ TERMINAL STRIP -XF		KLEEMANN SERIES K007		= KLE		+	
EDITED		JBR		MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 22	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 45		



FUNCTION TEXT		CABLE DESIGNATION/TYP											TERMINAL STRIP/PLUG -XGK					CABLE DESIGNATION/TYP	PAGE/ PATH								
													DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION							
																FIXED	INTERNAL WIRING										
RELEASE													3 +M-XG	3	3				=100-GA1	6							=100/37.6
													4 +M-XG	5	5				=100-GK9	A1							=100/38.2
COOLING WATER LOW LEVEL													8 +M-XG	5.1	5.1				=100-GP1	G							=100/38.5
PREWARNING OIL TEMPERATUR													5 +M-XG	7	7				=100-GK26	A2							=100/38.2
COOLING WATER LOW LEVEL													7 +M-XG	7.1	7.1				=100-GP2	G							=100/38.4
=													6 +M-XG	8	8				=100-GKT1	A2							=100/38.3
AIR FILTER PLUGGES													9 +M-XG	11	11				=100-GKT2	A2							=100/40.6
FUEL LEVEL													10 +M-XG	18	18				=100-GP3	G							=100/40.7
SUPPLY 24V												BK	+M-XG	30	30				=100-GF1	A2							=100/37.0
SUPPLY 0V												GY	+M-XG	31	31	•			=100-GK1	A2							=100/37.1
=															31	•			-X00	2							=100/37.1
=															31	•			=100-GA1	5							=100/37.1
START													2 +M-XG	50	50				=100-GK6	A2							=100/37.4
DYNAMO													1 +M-XG	61	61				=100-GA1	2							=100/37.3

FUNCTION TEXT	CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG											CABLE DESIGNATION/TYP	PAGE/ PATH
		-XIN												
		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	INTERNAL WIRING	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION					
		-XIN	13	1			=100-D1	33				=100/6.1.9		
		-XIN	14	2			=100-D1	23				=100/6.1.9		
				3										
				4										
		-XIN	15	5			-XOUT	5				=100/6.1.8		
		-XIN	16	6			-XOUT	6				=100/6.1.8		
OVERLOAD 2 FEEDING OFF		=100-K8.7	14	7								=100/16.1		
=		=100-K8.7	11	8								=100/16.1		
OVERLOAD 1 FEEDING REDUCED		=100-K8.6	14	9								=100/16.3		
=		=100-K8.6	11	10								=100/16.3		
LOCKING VIBRATING FEEDER 8 RUNNING		=100-K8.4	14	11								=100/16.2		
=		=100-K8.4	11	12								=100/16.2		
		-XIN	1	13			-XOUT	13				=100/6.1.9		
		-XIN	2	14			-XOUT	14				=100/6.1.9		
		-XIN	5	15			=100-D2	37				=100/6.1.8		
		-XIN	6	16			=100-D2	47				=100/6.1.8		
				PE										
				PE										

DATE	26.Nov.2015	KLEEMANN GMBH		STECKER -XIN/ PLUG -XIN	KLEEMANN SERIES	K007	= KLE	+
EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY							PG. 45
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

FUNCTION TEXT	CABLE DESIGNATION/TYP	3G1.5	TERMINAL STRIP/PLUG									CABLE DESIGNATION/TYP	PAGE/ PATH	
			DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION			
							INTERNAL WIRING							
COUPLING														
=						PE				=100-PE				=100/7.5
=						1				=100-1K08	2			=100/7.5
=						2				-X00	2			=100/7.5
										-X6	2			

DATE	26.Nov.2015	KLEEMANN GMBH		KLEEMANN		KLEEMANN	K007	= KLE	+
EDITED	JBR	MOBICAT MC 120 Z EU		KLEEMANN		KLEEMANN	2388430_01	CAE-SYSTEM:	PG. 25
CONTR.	D. MALLKOWSKY			KLEEMANN		MATERIAL NO		EPLAN 5.70	PG. 45
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		



# TERMINAL STRIP/PLUG -XNG

FUNCTION TEXT

CABLE DESIGNATION/TYP

CABLE DESIGNATION/TYP

PAGE/  
PATH

DESIGNATION OF  
EXTERNAL DESTINATION

CONNECTION

NO.

FIXED

BRIDGE

INTERNAL  
WIRING

PLC  
DESIG-  
NATION

DESIGNATION OF  
INTERNAL DESTINATION

CONNECTION

TOTAL FAULT CURRENT PROTECTION

=

1

=100-GK9

11

=100/1.5

2

=100-0Q1  
=100-GK9

D2  
14

=100/1.5

DATE	26.Nov.2015
EDITED	JBR
CONTR.	D. MALLKOWSKY
DATE	
NAME	
NORM	
DIN	

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



KLEMMENLEISTE -XNG/  
TERMINAL STRIP -XNG

KLEEMANN  
SERIES K007

= KLE +

KLEEMANN  
MATERIAL NO 2388430\_01

CAE-SYSTEM:  
EPLAN 5.70

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
OVERLOAD 1 FEEDING REDUCED								3					=100/16.7
=								4					=100/16.7
						-XIN	5	5			-XOUT	15	=100/6.1.8
						-XIN	6	6			-XOUT	16	=100/6.1.8
OVERLOAD 2 REMOVAL						-XOUT	9	7					=100/31.7
=						=100-GK26	11						
						-A0_5	34	8		E7.6			=100/31.7
OVERLOAD 1 REMOVAL						=100-8S	13	9					=100/31.6
=						-XOUT	7						
						-A0_5	33	10		E7.5			=100/31.6
LOCKING CONVEYOR BELT 2						=100-8K04	11	11		E3.0	-XOUT	12	=100/27.1
=						=100-4F1	31						
						-A0_4	28	12		E3.0	-XOUT	11	=100/27.1
						-XIN	13	13			-XOUT	1	=100/6.1.9
						-XIN	14	14			-XOUT	2	=100/6.1.9
						=100-D1	24	15			-XOUT	5	=100/6.1.8
						=100-D1	34	16			-XOUT	6	=100/6.1.8
								PE					
								PE					

FUNCTION TEXT				CABLE DESIGNATION/TYPE		TERMINAL STRIP/PLUG												CABLE DESIGNATION/TYPE		PAGE/PATH																
						-0X0																														
																					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION							
BELT WEIGHER																																				
																					BN	=100+M-B1	1	1						=100-0K1	14			=100/3.5		
																					BU	=100+M-B1	2	2							-X00	2			=100/3.5	
																					GNYE	=100+M-B1	PE	PE											=100-PE	=100/3.5





0	1	2	3	4	5	6	7	8	9															
FUNCTION TEXT		CABLE DESIGNATION/TYPE								5G1.5	<b>TERMINAL STRIP/PLUG</b>								PAGE/ PATH					
											<b>-0X07</b>													
												DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION					
																INTERNAL WIRING								
ILLUMINATION 2											GY	+M-06X1	3		1			=100-KX	24				=100/3.3	
=											BU	+M-06X1	4		2			-X00	2				=100/3.3	
=											GNYE	+M-06X1	PE		PE			=100-PE					=100/3.4	

## TERMINAL STRIP/PLUG -3X2

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

31

33

FUNCTION TEXT				CABLE DESIGNATION/TYPE														4G6														TERMINAL STRIP/PLUG -4X1														CABLE DESIGNATION/TYPE		PAGE/ PATH
																																DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION									
CONVEYOR BELT 4																																BK	=100+M-4M1	U	1				=100-4F1	2			=100/11.1					
=																																BN	=100+M-4M1	V	2				=100-4F1	4			=100/11.1					
=																																GY	=100+M-4M1	W	3				=100-4F1	6			=100/11.1					
=																																			11									=100/11.2				
=																																			12										=100/11.2			
=																																GNYE	=100+M-4M1	PE	PE				=100-PE						=100/11.2			

# TERMINAL STRIP/PLUG

## -4X2

FUNCTION TEXT

CABLE DESIGNATION/TYPE

CABLE DESIGNATION/TYPE

PAGE/  
PATH

FUNCTION TEXT	CABLE DESIGNATION/TYPE	5G1	-08W8 DELFLEX 540P	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	PAGE/ PATH
							F I X E D	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

FUNCTION TEXT	CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG													CABLE DESIGNATION/TYP	PAGE/ PATH
		+M-XF1														
		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	-11W4	OEFLEX 110	7G1.5					
			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		

DATE	26.Nov.2015	KLEEMANN GMBH		STECKER +M-XF1	KLEEMANN	K007	= KLE	+	
EDITED	JBR	MOBICAT MC 120 Z EU		PLUG +M-XF1	SERIES				
CONTR.	D. MALLKOWSKY				KLEEMANN	2388430_01	CAE-SYSTEM:	PG. 35	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	EPLAN 5.70	PG. 45

0	1	2	3	4	5	6	7	8	9					
FUNCTION TEXT	CABLE DESIGNATION/TYP					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/PATH
									INTERNAL WIRING					
RELEASE						-XGK	3	3	●		=100-K2	86		=100/37.6
=								3	●		=100-XT	2		=100/37.6
								3	●		=100-D1	-2		=100/37.6
						=100-XD	1	3	●		=100-D1	-2		=100/39.6
						-XGK	5	5			-U1	15		=100/38.2
COOLING WATER LOW LEVEL						-XGK	5.1	5.1			-U1	11		=100/38.5
PREWARNING OIL TEMPERATUR						-XGK	7	7			-U1	6		=100/38.2
COOLING WATER LOW LEVEL						-XGK	7.1	7.1			-U1	10		=100/38.4
=						-XGK	8	8				3		=100/38.3
AIR FILTER PLUGGES						-XGK	11	11			=100-B1	S		=100/40.6
FUEL LEVEL						-XGK	18	18			=100-B2			=100/40.7
COOLING WATER LOW LEVEL						=100-S2		21	●					=100/38.4
=								21	●		-U1	61		=100/38.4
=						=100-H1		22	●					=100/38.4
=						=100-S3		23	●		-U1	12		=100/38.5
=								24	●		-U1	13		=100/38.6
=								25	●		-U1	36		=100/38.6
SUPPLY 24V					BK	-XGK	30	30			=100-F1	A1		=100/37.0
SUPPLY 0V					GY	-XGK	31	31	●		=100-S1	14		=100/37.1
=								31	●					=100/37.1
=								31	●					=100/37.1

DATE		26.Nov.2015		KLEEMANN GMBH			KLEEMANN SERIES		K007		= KLE		+		
EDITED		JBR		MOBICAT MC 120 Z EU			KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM:		EPLAN 5.70		
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.		PG.		36			
MODIFICAT.		DATE		NAME		NORM		DIN		ORIGIN		REP.F.		PG.	

FUNCTION TEXT	CABLE DESIGNATION/TYPE	18G1	-37W2 OEFLEX 110	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH
PREWARNING OIL TEMPERATUR						31	●				-U1	1		=100/38.3
=				=100-K2	85	31	●				-U1	30		=100/38.3
COOLING WATER LOW LEVEL				=100-S2		31	●				-U1	60		=100/38.5
=				=100-S3		31	●				Schirm			=100/38.6
						31	●				-X8	5		=100/39.3
						31	●				-X8	3		=100/39.3
						31	●				-X6	2		=100/39.5
DIAGNOSTIC				=100-XD	2	31	●				=100-B1	-		=100/39.7
PREWARNING OIL TEMPERATUR						32	●				-U1	49		=100/38.2
				=100-F3	A1	32	●				-X8	2		=100/39.3
START						3A	●				=100-K2	87		=100/37.4
=						3A	●							=100/37.4
						3A	●				-U1	7		=100/38.2
						3A	●				-X8	1		=100/39.2
						3A	●				-X6	1		=100/39.5
=				2 -XGK	50	50	●				-U1	32		=100/37.4
DYNAMO				1 -XGK	61	61	●				=100-2			=100/37.3

DATE		26.Nov.2015		KLEEMANN GMBH		 <b>KLEEMANN</b>		KLEEMANN SERIES		K007		= KLE		+	
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 37	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 45			

## TERMINAL STRIP/PLUG

### +M-XG

0	1	2	3	4	5	6	7	8	9														
FUNCTION TEXT	CABLE DESIGNATION/TYP								TERMINAL STRIP/PLUG														
									5G1	+M-XS1												5G1	
										DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE									INTERNAL WIRING
-06W11	OELFLEX 540P																						
E-STOP PUSH-BUTTON																							
=																							
=																							
=																							

				DATE 26.Nov.2015	KLEEMANN GMBH					STECKER +M-XS1/ PLUG +M-XS1				KLEEMANN SERIES K007		= KLE +	
				EDITED JBR	MOBICAT MC 120 Z EU									KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 38			



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

DATE	26.Nov.2015	KLEEMANN GMBH		<b>KLEEMANN</b>		STECKER +M-XS2/ PLUG +M-XS2		KLEEMANN SERIES		K007		= KLE		+			
EDITED	JBR	MOBICAT MC 120 Z EU								KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 39	
CONTR.	D. MALLKOWSKY															PG. 45	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

FUNCTION TEXT	CABLE DESIGNATION/TYPE							5G1	TERMINAL STRIP/PLUG +M-XS5					5G1	CABLE DESIGNATION/TYPE	PAGE/ PATH							
									-06W15 OELFLEX 540P	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	-06W5 OELFLEX 540P				
														INTERNAL WIRING									
E-STOP PUSH-BUTTON									2	=100-0S05	22	1					-X0	11	2			=100/6.2	
=									1	=100-0S05	21	2					-X0	9	1			=100/6.2	
=									4	=100-0S05	12	3					-X0	12	4			=100/6.2	
=									3	=100-0S05	11	4					-X0	10	3			=100/6.2	

FUNCTION TEXT					CABLE DESIGNATION/TYP	TERMINAL STRIP/PLUG +M-XS6										CABLE DESIGNATION/TYP	PAGE/ PATH					
						-06W/16 OELFLEX 540P				5G1				-06W/6 OELFLEX 540P				5G1				
						DESIGNATION OF EXTERNAL DESTINATION		CONNECTION	NO.	FIXED	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION		CONNECTION						
									INTERNAL WIRING													
E-STOP PUSH-BUTTON						1 =100-0S06		21	1					-X0		11	1			=100/6.3		
=						2 =100-0S06		22	2					-X0		13	2			=100/6.3		
=						3 =100-0S06		11	3					-X0		12	3			=100/6.4		
=						4 =100-0S06		12	4					-X0		14	4			=100/6.4		

FUNCTION TEXT		CABLE DESIGNATION/TYP										5G4	TERMINAL STRIP/PLUG +M-2X1					5G4	CABLE DESIGNATION/TYP	PAGE/ PATH
													DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION			
														INTERNAL WIRING	PLC DESIG-NATION					
MAGNET																				
=																				

0	1	2	3	4	5	6	7	8	9												
FUNCTION TEXT	CABLE DESIGNATION/TYPE																			PAGE/ PATH	
						DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE INTERNAL WIRING	PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION								
SHAKING CONVEYOR 5 BELOW						BK =100-5M1	U	U1				-X1	8	BK							=100/11.4
SHAKING CONVEYOR 5 TOP						BK =100-5M2	U	U2				-X1	11								BK =100/11.7
SHAKING CONVEYOR 5 BELOW						BN =100-5M1	V	V1				-X1	9	BN							=100/11.4
SHAKING CONVEYOR 5 TOP						BN =100-5M2	V	V2				-X1	12								BN =100/11.7
SHAKING CONVEYOR 5 BELOW						GY =100-5M1	W	W1				-X1	10	GY							=100/11.4
=						GYNE =100-5M1	PE	PE				-X1	PE	GYNE							=100/11.5
SHAKING CONVEYOR 5 TOP						GY =100-5M2	W	W2				-X1	13								GY =100/11.7
=						GYNE =100-5M2	PE	PE				-X1	PE								GYNE =100/11.7

DATE		26.Nov.2015		KLEEMANN GMBH			KLEEMLEISTE +M-5X1/ TERMINAL STRIP +M-5X1		KLEEMANN SERIES K007		= KLE		+	
EDITED		JBR		MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 43	
CONTR.	D. MALLKOWSKY			ORIGIN	REP.F.	REP.T.					PG. 45			



0	1	2	3	4	5	6	7	8	9						
FUNCTION TEXT				CABLE DESIGNATION/TYPE	5G1.5	TERMINAL STRIP/PLUG +M-06X1						5G1.5	CABLE DESIGNATION/TYPE	PAGE/ PATH	
						DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION				CONNECTION
				-03W1.1 H07RN-F						FIXED		INTERNAL WIRING	PLC DESIG- NATION		
ILLUMINATION 1						BK	=100-E1	X1			1				
=				BN	=100-E1	X2	2				-0X06	2	BN	=100/3.1	
ILLUMINATION 2				GY	=100-E2	X1	3				-0X07	1	GY	=100/3.3	
=				BU	=100-E2	X2	4				-0X07	2	BU	=100/3.3	
=								PE			-0X07	PE	GNYE	=100/3.4	

DATE		26.Nov.2015		KLEEMANN GMBH		 STECKER +M-06X1/ PLUG +M-06X1		KLEEMANN SERIES		K007		= KLE		+	
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 45	
CONTR.		D. MALLKOWSKY		ORIGIN				REP.F.		REP.T.		PG. 45			

# 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				H07RN-F	5	5G	1.5	-		/10
		-0X06	+M-06X1		5	2	1.5			/10
		-0X07	+M-06X1		5	3G	1.5			/10
-03W1.1				H07RN-F	5	4	1.5	-		/11
		+M-06X1	=100+M-E1		5	2	1.5			/11
		+M-06X1	=100+M-E2		5	2	1.5			/11
-03W2		-0X0	=100+M-B1	H07RN-F	3	3G	1.5	-		/12
-06W1		-X0	+M-XS1	OELFLEX 540P	5G	4	1	-		/13
-06W2		-X0	+M-XS2	OELFLEX 540P	5G	4	1	-		/14
-06W3		-X0	=100+M-0S03	OELFLEX 540P	5G	4	1	-		/15
-06W4		-X0	=100+M-0S04	OELFLEX 540P	5G	4	1	-		/16
-06W5		-X0	+M-XS5	OELFLEX 540P	5G	4	1	-		/17
-06W6		-X0	+M-XS6	OELFLEX 540P	5G	4	1	-		/18
-06W7		-X0	=100+M-0S07	OELFLEX 540P	5G	4	1	-		/19
-06W8		-4X2	=100+M-0S08	OELFLEX 540P	5G	4	1	-		/20
-07W1		-XK	=100+M-Y10	OELFLEX 110	3G	2	1.5	-		/21
-07W2		-X6	=100+M-00H2	OELFLEX 110	3G	2	0.75	-		/22
-07W3		-X6	=100+M-00H3	OELFLEX 110	3G	2	0.75	-		/23
-10W1		-X1	=100+M-2M1	H07RN-F	4	4G	1.5	-		/24
-10W2		-X1	+M-2X1	H07RN-F	5	3G	4	-		/25
-10W2.1		+M-2X1	=100+M-2Y1	H07RN-F	5	3G	4	-		/26
-10W3		=100-3X2	=100+M-3M1	H07RN-F	4	4	1.5	-		/27
-11W1		-4X1	=100+M-4M1	H07RN-F	4	4	6	-		/28
-11W2		-X1	+M-5X1	H07RN-F	4	4G	1.5	-		/29
-11W2.1		+M-5X1	=100+M-5M1	H07RN-F	4	4G	1.5	-		/30
-11W3		-X1	+M-5X1	H07RN-F	4	4G	1.5	-		/31
-11W3.1		+M-5X1	=100+M-5M2	H07RN-F	4	4G	1.5	-		/32
-12W1		-X1	+M-6X1	H07RN-F	4	4G	1.5	-		/33
-12W2		+M-6X1	=100+M-6M1	H07RN-F	4	4G	1.5	-		/34
-12W3		-X1	=100+M-6X2	H07RN-F	4	4G	1.5	-		/35
-12W4		-X1	=100+M-7M1	H07RN-F	4	4G	6	-		/36
-13W1		-X1	=100+M-9M1	H07RN-F	4	4G	1.5	-		/37
-13W2		-X1	=100+M-10XD1	H07RN-F	4	3G	1.5	-		/38
-13W2.1		=100+M-10XD1	=100+M-WP	H07RN-F	4	3	1.5	-		/39
-13W3		-X1	=100+M-13M1	H07RN-F	4	4G	1.5	-		/40

=KLE/45

2

DATE		26.Nov.2015		KLEEMANN GMBH				KABELUEBERSICHT		KLEEMANN SERIES K007		= KAB		+	
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 1		PG. 55	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								





**INTERCONNECTION DIAGRAM**

CABLE NAME				-03W1					CABLE TYPE				H07RN-F												
REMARK								NO. OF CORES			5			CROSS SECTION			1.5			CABLE LENGTH			-		
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT																	
ILLUMINATION 2	=100/3.4	-0X07	PE	GNYE	+M-06X1	PE	=100/3.4	ILLUMINATION 2																	
ILLUMINATION 2	=100/3.3	-0X07	2	BU	+M-06X1	4	=100/3.3	ILLUMINATION 2																	
ILLUMINATION 1	=100/3.1	-0X06	2	BN	+M-06X1	2	=100/3.1	ILLUMINATION 1																	
ILLUMINATION 1	=100/3.1	-0X06	1	BK	+M-06X1	1	=100/3.1	ILLUMINATION 1																	
ILLUMINATION 2	=100/3.3	-0X07	1	GY	+M-06X1	3	=100/3.3	ILLUMINATION 2																	

# INTERCONNECTION DIAGRAM

CABLE NAME <b>-03W1.1</b>				CABLE TYPE <b>H07RN-F</b>					
REMARK				NO. OF CORES <b>5</b>		CROSS SECTION <b>1.5</b>		CABLE LENGTH <b>-</b>	

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				GNYE				
ILLUMINATION 2	=100/3.3	+M-06X1	4	BU	=100+M-E2	X2	=100/3.3	ILLUMINATION 2
ILLUMINATION 1	=100/3.1	+M-06X1	2	BN	=100+M-E1	X2	=100/3.1	ILLUMINATION 1
ILLUMINATION 1	=100/3.1	+M-06X1	1	BK	=100+M-E1	X1	=100/3.1	ILLUMINATION 1
ILLUMINATION 2	=100/3.3	+M-06X1	3	GY	=100+M-E2	X1	=100/3.3	ILLUMINATION 2

DATE	26.Nov.2015	KLEEMANN GMBH			-03W1.1	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM:	EPLAN 5.70	PG. 11
CONTR.	D. MALLKOWSKY					REP.T.	PG.	55		
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			

**INTERCONNECTION DIAGRAM**

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

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

# INTERCONNECTION DIAGRAM

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

CABLE NAME					CABLE TYPE				
<b>-06W1</b>					<b>OELFLEX 540P</b>				
REMARK					NO. OF CORES		CROSS SECTION		CABLE LENGTH
					<b>5G</b>		<b>1</b>		-
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
E-STOP PUSH-BUTTON	=100/6.0	-X0	1	1	+M-XS1	1	=100/6.0	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.0	-X0	3	2	+M-XS1	2	=100/6.0	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.1	-X0	2	3	+M-XS1	3	=100/6.1	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.1	-X0	4	4	+M-XS1	4	=100/6.1	E-STOP PUSH-BUTTON	
				PE					

			DATE	26.Nov.2015	KLEEMANN GMBH			-06W1	KLEEMANN SERIES	K007	=	KAB	+
			EDITED	JBR					KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM:	EPLAN 5.70	PG.
			CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z EU	REP.T.					PG.	55	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.							

0 1 2 3 4 5 6 7 8 9

# INTERCONNECTION DIAGRAM

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

CABLE NAME				CABLE TYPE					
-06W2				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	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					

13

15

DATE	26.Nov.2015	KLEEMANN GMBH			-06W2	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM:	EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	55
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			

# INTERCONNECTION DIAGRAM

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

CABLE NAME					CABLE TYPE					
REMARK					NO. OF CORES		CROSS SECTION		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	=100/6.2	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.2	-X0	7	2	=100+M-0S03	22	=100/6.2	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.1	-X0	6	3	=100+M-0S03	11	=100/6.3	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.3	-X0	8	4	=100+M-0S03	12	=100/6.3	E-STOP PUSH-BUTTON		
				PE						

DATE: 26.Nov.2015				KLEEMANN GMBH				-06W3				KLEEMANN SERIES K007				= KAB				+	
EDITED: JBR				MOBICAT MC 120 Z EU								KLEEMANN MATERIAL NO 2388430_01				CAE-SYSTEM: EPLAN 5.70				PG. 15	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.													PG. 55	

INTERCONNECTION DIAGRAM

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

CABLE NAME	-06W4	CABLE TYPE	OELFLEX 540P
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REMARK		NO. OF CORES	5G	CROSS SECTION	1	CABLE LENGTH	-
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
E-STOP PUSH-BUTTON	=100/6.2	-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	=100/6.3	-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				

		DATE	26.Nov.2015	KLEEMANN GMBH				-06W4	KLEEMANN SERIES	K007	= KAB	+
		EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 16	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 55	





**INTERCONNECTION DIAGRAM**

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

CABLE NAME					CABLE TYPE					
-06W6					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	=100/6.2	-X0	11	1	+M-XS6	1	=100/6.3	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.3	-X0	13	2	+M-XS6	2	=100/6.3	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.2	-X0	12	3	+M-XS6	3	=100/6.4	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.4	-X0	14	4	+M-XS6	4	=100/6.4	E-STOP PUSH-BUTTON		
				PE						

### INTERCONNECTION DIAGRAM

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

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



# INTERCONNECTION DIAGRAM

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

# INTERCONNECTION DIAGRAM

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

CABLE NAME <b>-07W2</b>					CABLE TYPE <b>OELFLEX 110</b>					
REMARK					NO. OF CORES <b>3G</b>		CROSS SECTION <b>0.75</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
HOOTER	=100/7.6	-X6	1	1	=100+M-00H2	1	=100/7.6	HOOTER		
HOOTER	=100/7.6	-X6	2	2	=100+M-00H2	2	=100/7.6	HOOTER		
				3						

INTERCONNECTION DIAGRAM

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

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

**INTERCONNECTION DIAGRAM**

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

CABLE NAME <b>-10W1</b>				CABLE TYPE <b>H07RN-F</b>					
REMARK				NO. OF CORES <b>4</b>		CROSS SECTION <b>1.5</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
MAGNETIC BELT 2	=100/10.2	-X1	PE	GNYE	=100+M-2M1	PE	=100/10.1	MAGNETIC BELT 2	
MAGNETIC BELT 2	=100/10.1	-X1	2	BN	=100+M-2M1	V	=100/10.1	MAGNETIC BELT 2	
MAGNETIC BELT 2	=100/10.1	-X1	1	BK	=100+M-2M1	U	=100/10.1	MAGNETIC BELT 2	
MAGNETIC BELT 2	=100/10.1	-X1	3	GY	=100+M-2M1	W	=100/10.1	MAGNETIC BELT 2	

DATE		26.Nov.2015		KLEEMANN GMBH			-10W1		KLEEMANN SERIES		K007	= KAB		+		
EDITED		JBR		MOBICAT MC 120 Z EU					KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 24	
CONTR.		D. MALLKOWSKY							REP.F.		REP.T.		2388430_01		PG. 55	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.									



# INTERCONNECTION DIAGRAM

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

CABLE NAME -10W2				CABLE TYPE H07RN-F					
REMARK				NO. OF CORES 5		CROSS SECTION 4		CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
MAGNET	=100/10.5	-X1	PE	GNYE	+M-2X1	PE	=100/10.5	MAGNET	
MAGNET	=100/10.5	-X1	7	BU	+M-2X1	2	=100/10.5	MAGNET	
				BN					
MAGNET	=100/10.4	-X1	4	BK	+M-2X1	1	=100/10.4	MAGNET	
				GY					

DATE	26.Nov.2015		KLEEMANN GMBH			-10W2	KLEEMANN SERIES	K007	= KAB	+
EDITED	JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 25
CONTR.	D. MALLKOWSKY		ORIGIN	REP.F.	REP.T.					PG. 55

INTERCONNECTION DIAGRAM

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

CABLE NAME <b>-10W2.1</b>					CABLE TYPE <b>H07RN-F</b>					
REMARK					NO. OF CORES <b>5</b>		CROSS SECTION <b>4</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
MAGNET	=100/10.5	+M-2X1	PE	GNYE	=100+M-2Y1	PE	=100/10.4	MAGNETIC BELT 2		
MAGNET	=100/10.5	+M-2X1	2	BU	=100+M-2Y1	N	=100/10.4	MAGNETIC BELT 2		
				BN						
MAGNET	=100/10.4	+M-2X1	1	BK	=100+M-2Y1	L1	=100/10.4	MAGNETIC BELT 2		
				GY						

# INTERCONNECTION DIAGRAM

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

CABLE NAME <b>-10W3</b>					CABLE TYPE <b>H07RN-F</b>			
REMARK					NO. OF CORES <b>4</b>	CROSS SECTION <b>1.5</b>	CABLE LENGTH <b>-</b>	

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
CONVEYOR BELT 3	=100/10.8	=100-3X2	PE	GNYE	=100+M-3M1	PE	=100/10.7	CONVEYOR BELT 3
CONVEYOR BELT 3	=100/10.7	=100-3X2	2	BN	=100+M-3M1	V	=100/10.7	CONVEYOR BELT 3
CONVEYOR BELT 3	=100/10.7	=100-3X2	1	BK	=100+M-3M1	U	=100/10.7	CONVEYOR BELT 3
CONVEYOR BELT 3	=100/10.7	=100-3X2	3	GY	=100+M-3M1	W	=100/10.7	CONVEYOR BELT 3

**INTERCONNECTION DIAGRAM**

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

CABLE NAME				CABLE TYPE					
-11W1				H07RN-F					
REMARK				NO. OF CORES		CROSS SECTION		CABLE LENGTH	
				4		6		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
CONVEYOR BELT 4	=100/11.2	-4X1	PE	GNYE	=100+M-4M1	PE	=100/11.1	CONVEYOR BELT 4	
CONVEYOR BELT 4	=100/11.1	-4X1	2	BN	=100+M-4M1	V	=100/11.1	CONVEYOR BELT 4	
CONVEYOR BELT 4	=100/11.1	-4X1	1	BK	=100+M-4M1	U	=100/11.1	CONVEYOR BELT 4	
CONVEYOR BELT 4	=100/11.1	-4X1	3	GY	=100+M-4M1	W	=100/11.1	CONVEYOR BELT 4	

DATE	26.Nov.2015	KLEEMANN GMBH		-11W1	KLEEMANN SERIES	K007	= KAB	+
EDITED	JBR	MOBICAT MC 120 Z EU			KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 28
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 55
MODIFICAT.	DATE	NAME	NORM	DIN				

INTERCONNECTION DIAGRAM

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

CABLE NAME				-11W2					CABLE TYPE				H07RN-F							
REMARK				NO. OF CORES			4			CROSS SECTION			1.5			CABLE LENGTH		-		
FUNCTION TEXT		PAGE/PATH		DESTINATION DESIGNATION FROM		CONNECTION	CORE	DESTINATION DESIGNATION TO		CONNECTION	PAGE/PATH		FUNCTION TEXT							
SHAKING CONVEYOR 5 BELOW		=100/11.5		-X1		PE	GNYE	+M-5X1		PE	=100/11.5		SHAKING CONVEYOR 5 BELOW							
SHAKING CONVEYOR 5 BELOW		=100/11.4		-X1		9	BN	+M-5X1		V1	=100/11.4		SHAKING CONVEYOR 5 BELOW							
SHAKING CONVEYOR 5 BELOW		=100/11.4		-X1		8	BK	+M-5X1		U1	=100/11.4		SHAKING CONVEYOR 5 BELOW							
SHAKING CONVEYOR 5 BELOW		=100/11.4		-X1		10	GY	+M-5X1		W1	=100/11.4		SHAKING CONVEYOR 5 BELOW							

**INTERCONNECTION DIAGRAM**

CABLE NAME -11W2.1			CABLE TYPE H07RN-F						
REMARK			NO. OF CORES	CROSS SECTION		CABLE LENGTH			
NO. OF CORES	CROSS SECTION	CABLE LENGTH							
NO. OF CORES	CROSS SECTION	CABLE LENGTH							
FUNCTION TEXT		PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT

0

1

2

3

4

5

6

7

8

9

### INTERCONNECTION DIAGRAM

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

CABLE NAME					-11W3					CABLE TYPE					H07RN-F																			
REMARK					NO. OF CORES					4					CROSS SECTION					1.5					CABLE LENGTH					-				
FUNCTION TEXT		PAGE/PATH		DESTINATION DESIGNATION FROM			CONNECTION	CORE	DESTINATION DESIGNATION TO			CONNECTION	PAGE/PATH		FUNCTION TEXT																			
SHAKING CONVEYOR 5 TOP		=100/11.7		-X1			PE	GNYE	+M-5X1			PE	=100/11.7		SHAKING CONVEYOR 5 TOP																			
SHAKING CONVEYOR 5 TOP		=100/11.7		-X1			12	BN	+M-5X1			V2	=100/11.7		SHAKING CONVEYOR 5 TOP																			
SHAKING CONVEYOR 5 TOP		=100/11.7		-X1			11	BK	+M-5X1			U2	=100/11.7		SHAKING CONVEYOR 5 TOP																			
SHAKING CONVEYOR 5 TOP		=100/11.7		-X1			13	GY	+M-5X1			W2	=100/11.7		SHAKING CONVEYOR 5 TOP																			

			DATE	26.Nov.2015	KLEEMANN GMBH		-11W3	KLEEMANN SERIES	K007	= KAB	+	
			EDITED	JBR	MOBICAT MC 120 Z EU			KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.	31
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	55

**INTERCONNECTION DIAGRAM**

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

CABLE NAME <b>-11W3.1</b>	CABLE TYPE <b>H07RN-F</b>
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REMARK	NO. OF CORES <b>4</b>	CROSS SECTION <b>1.5</b>	CABLE LENGTH <b>-</b>
--------	-----------------------	--------------------------	-----------------------

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
SHAKING CONVEYOR 5 TOP	=100/11.7	+M-5X1	PE	GNYE	=100+M-5M2	PE	=100/11.7	SHAKING CONVEYOR 5 TOP
SHAKING CONVEYOR 5 TOP	=100/11.7	+M-5X1	V2	BN	=100+M-5M2	V	=100/11.7	SHAKING CONVEYOR 5 TOP
SHAKING CONVEYOR 5 TOP	=100/11.7	+M-5X1	U2	BK	=100+M-5M2	U	=100/11.7	SHAKING CONVEYOR 5 TOP
SHAKING CONVEYOR 5 TOP	=100/11.7	+M-5X1	W2	GY	=100+M-5M2	W	=100/11.7	SHAKING CONVEYOR 5 TOP



# INTERCONNECTION DIAGRAM

CABLE NAME <b>-12W1</b>					CABLE TYPE <b>H07RN-F</b>					
REMARK					NO. OF CORES <b>4</b>		CROSS SECTION <b>1.5</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
CONVEYOR BELT 6	=100/12.2	-X1	PE	GNYE	+M-6X1	PE	=100/12.2	CONVEYOR BELT 6		
CONVEYOR BELT 6	=100/12.1	-X1	15	BN	+M-6X1	2	=100/12.1	CONVEYOR BELT 6		
CONVEYOR BELT 6	=100/12.1	-X1	14	BK	+M-6X1	1	=100/12.1	CONVEYOR BELT 6		
CONVEYOR BELT 6	=100/12.1	-X1	16	GY	+M-6X1	3	=100/12.1	CONVEYOR BELT 6		

**INTERCONNECTION DIAGRAM**

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

CABLE NAME					CABLE TYPE					
-12W2					H07RN-F					
REMARK					NO. OF CORES		CROSS SECTION		CABLE LENGTH	
					4		1.5		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
CONVEYOR BELT 6	=100/12.2	+M-6X1	PE	GNYE	=100+M-6M1	PE	=100/12.1	CONVEYOR BELT 6		
CONVEYOR BELT 6	=100/12.1	+M-6X1	2	BN	=100+M-6M1	V	=100/12.1	CONVEYOR BELT 6		
CONVEYOR BELT 6	=100/12.1	+M-6X1	1	BK	=100+M-6M1	U	=100/12.1	CONVEYOR BELT 6		
CONVEYOR BELT 6	=100/12.1	+M-6X1	3	GY	=100+M-6M1	W	=100/12.1	CONVEYOR BELT 6		



# INTERCONNECTION DIAGRAM

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

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

INTERCONNECTION DIAGRAM

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

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

0	1	2	3	4	5	6	7	8	9
INTERCONNECTION DIAGRAM					TPS_N_20.SKN / 2005-07-25				
CABLE NAME -13W2					CABLE TYPE H07RN-F				
REMARK					NO. OF CORES 4		CROSS SECTION 1.5		CABLE LENGTH -
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
WATERPUMP 10	=100/13.4	-X1	PE	GNYE	=100+M-10XD1		=100/13.4	WATERPUMP 10	
WATERPUMP 10	=100/13.4	-X1	23	BN	=100+M-10XD1		=100/13.4	WATERPUMP 10	
				BK					
WATERPUMP 10	=100/13.5	-X1	24	GY	=100+M-10XD1		=100/13.4	WATERPUMP 10	

**INTERCONNECTION DIAGRAM**

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

CABLE NAME				-13W2.1						CABLE TYPE				H07RN-F			
REMARK				NO. OF CORES		CROSS SECTION		CABLE LENGTH									
FUNCTION TEXT		PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT								
WATERPUMP 10		=100/13.4	=100+M-10XD1	PE	GNYE	=100+M-WP	PE	=100/13.4	WATERPUMP 10								
WATERPUMP 10		=100/13.4	=100+M-10XD1	1	BN	=100+M-WP	L1	=100/13.4	WATERPUMP 10								
					BK												
WATERPUMP 10		=100/13.5	=100+M-10XD1	N	GY	=100+M-WP	N	=100/13.5	WATERPUMP 10								





# INTERCONNECTION DIAGRAM

CABLE NAME					CABLE TYPE					
-14W1					OELFLEX FD855CP					
REMARK					NO. OF CORES		CROSS SECTION		CABLE LENGTH	
					4G+Schirm		2.5		-	
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	=100/14.2	VIBRATING FEEDER 8 DRIVE LEFT		
VIBRATING FEEDER 8 DRIVE LEFT	=100/14.3	-X8	3	3	=100+M-8M1	W1	=100/14.2	VIBRATING FEEDER 8 DRIVE LEFT		
VIBRATING FEEDER 8 DRIVE LEFT	=100/14.3	-X8	PE	PE	=100+M-8M1	PE	=100/14.2	VIBRATING FEEDER 8 DRIVE LEFT		
				SH						

DATE		26.Nov.2015		KLEEMANN GMBH			-14W1	KLEEMANN SERIES	K007	= KAB	+
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG.	55



INTERCONNECTION DIAGRAM

CABLE NAME <b>-36W1</b>					CABLE TYPE <b>UNITRONIC</b>					
REMARK					NO. OF CORES <b>3+Schirm</b>		CROSS SECTION <b>0.5</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
				WH						
LIGHT BARRIER CRUSHER	=100/36.3	-XLS	4	BN	=100+M-LR	8	=100/36.3			
LIGHT BARRIER CRUSHER	=100/36.3	-XLS	3	GN	=100+M-LR	6	=100/36.3			
				SH						

# INTERCONNECTION DIAGRAM

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

CABLE NAME	<b>-36W2</b>			CABLE TYPE	<b>UNITRONIC</b>					
REMARK				NO. OF CORES	<b>3+Schirm</b>		CROSS SECTION	<b>0.5</b>	CABLE LENGTH	<b>-</b>

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				WH				
LIGHT BARRIER CRUSHER	=100/36.4	-XLS	2	BN	=100+M-LT	5	=100/36.4	LIGHT BARRIER CRUSHER
LIGHT BARRIER CRUSHER	=100/36.4	-XLS	1	GN	=100+M-LT	7	=100/36.4	LIGHT BARRIER CRUSHER
				SH				

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

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

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

**INTERCONNECTION DIAGRAM**

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

CABLE NAME <b>-37W2</b>				CABLE TYPE <b>OELFLEX 110</b>					
REMARK				NO. OF CORES <b>18G</b>		CROSS SECTION <b>1</b>		CABLE LENGTH <b>-</b>	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
DYNAMO	=100/37.3	-XGK	61	1	+M-XG	61	=100/37.3	DYNAMO	
START	=100/37.4	-XGK	50	2	+M-XG	50	=100/37.4	START	
RELEASE	=100/37.6	-XGK	3	3	+M-XG	3	=100/37.6	RELEASE	
	=100/38.2	-XGK	5	4	+M-XG	5	=100/38.2		
PREWARNING OIL TEMPERATUR	=100/38.2	-XGK	7	5	+M-XG	7	=100/38.2	PREWARNING OIL TEMPERATUR	
COOLING WATER LOW LEWEL	=100/38.3	-XGK	8	6	+M-XG	8	=100/38.3	COOLING WATER LOW LEWEL	
COOLING WATER LOW LEWEL	=100/38.4	-XGK	7.1	7	+M-XG	7.1	=100/38.4	COOLING WATER LOW LEWEL	
COOLING WATER LOW LEWEL	=100/38.5	-XGK	5.1	8	+M-XG	5.1	=100/38.5	COOLING WATER LOW LEWEL	
AIR FILTER PLUGGES	=100/40.6	-XGK	11	9	+M-XG	11	=100/40.6	AIR FILTER PLUGGES	
FUEL LEVEL	=100/40.7	-XGK	18	10	+M-XG	18	=100/40.7	FUEL LEVEL	
				11					
				12					
				13					
				14					
				15					
				16					
				17					
				PE					

DATE 26.Nov.2015		KLEEMANN GMBH		-37W2		KLEEMANN SERIES K007		= KAB		+	
EDITED JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 46	
CONTR. D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.							PG. 55	

**INTERCONNECTION DIAGRAM**

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

CABLE NAME	<b>-41W1</b>	CABLE TYPE	<b>H07RN-F</b>
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REMARK	NO. OF CORES	CROSS SECTION	CABLE LENGTH
	<b>19G</b>	<b>1.5</b>	<b>-</b>

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 SLOWER (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				
				6				
				7				
VIBRATING CHUTE FASTER (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 SLOWER (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	-XF	C1	13	=100+M-20A2	13	=100/41.1	
RUN CHAIN RIGHT (REMOTE)	=100/41.7	-XF	D1	14	=100+M-20A2	14	=100/41.1	
RUN CHAIN LEFT (REMOTE)	=100/41.6	-XF	C2	15	=100+M-20A2	15	=100/41.1	
RUN CHAIN LEFT (REMOTE)	=100/41.5	-XF	D2	16	=100+M-20A2	16	=100/41.1	
	=100/41.1	-XF		6			=100/41.1	
	=100/41.1	-XF		7			=100/41.1	
				PE				

DATE	26.Nov.2015	KLEEMANN GMBH		-41W1	KLEEMANN SERIES	K007	= KAB	+
EDITED	JBR	MOBICAT MC 120 Z EU			KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 47
CONTR.	D. MALLKOWSKY						PG. 55	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	





# INTERCONNECTION DIAGRAM

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

CABLE NAME **-41W3** CABLE TYPE **OELFLEX 540P**

REMARK NO. OF CORES **5G** CROSS SECTION **0.75** CABLE LENGTH **-**

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
RUN CHAIN RIGHT (MANUAL)	=100/41.7	-X22	A1	1	=100+M-Y4B	A1	=100/41.6	RUN CHAIN RIGHT (REMOTE)
RUN CHAIN RIGHT (MANUAL)	=100/41.7	-X22	B1	2	=100+M-Y4B	B1	=100/41.6	RUN CHAIN RIGHT (REMOTE)
RUN CHAIN RIGHT (REMOTE)	=100/41.7	-XF	D1	3	=100+M-Y4B	D1	=100/41.6	RUN CHAIN RIGHT (REMOTE)
RUN CHAIN RIGHT (REMOTE)	=100/41.6	-XF	C1	4	=100+M-Y4B	C1	=100/41.6	RUN CHAIN RIGHT (REMOTE)
				PE				

DATE 26.Nov.2015				KLEEMANN GMBH					-41W3		KLEEMANN SERIES K007		= KAB +	
EDITED JBR				MOBICAT MC 120 Z EU							KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70	
CONTR. D. MALLKOWSKY								REP.T.				PG. 49		
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 55		





# INTERCONNECTION DIAGRAM

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

CABLE NAME				-06W11				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	+M-XS1	1	1	=100+M-0S01	21	=100/6.0	E-STOP PUSH-BUTTON											
E-STOP PUSH-BUTTON	=100/6.0	+M-XS1	2	2	=100+M-0S01	22	=100/6.0	E-STOP PUSH-BUTTON											
E-STOP PUSH-BUTTON	=100/6.1	+M-XS1	3	3	=100+M-0S01	11	=100/6.1	E-STOP PUSH-BUTTON											
E-STOP PUSH-BUTTON	=100/6.1	+M-XS1	4	4	=100+M-0S01	12	=100/6.1	E-STOP PUSH-BUTTON											
				PE															

DATE	26.Nov.2015	KLEEMANN GMBH		-06W11	KLEEMANN SERIES	K007	= KAB	+
EDITED	JBR	MOBICAT MC 120 Z EU			KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG. 52
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			PG. 55	
MODIFICAT.	DATE	NAME	NORM	DIN				

INTERCONNECTION DIAGRAM

CABLE NAME				<b>-06W12</b>				CABLE TYPE				<b>OELFLEX 540P</b>							
REMARK				NO. OF CORES				5G				CROSS SECTION		1		CABLE LENGTH		-	
FUNCTION TEXT		PAGE/PATH	DESTINATION DESIGNATION FROM		CONNECTION	CORE	DESTINATION DESIGNATION TO		CONNECTION	PAGE/PATH		FUNCTION TEXT							
E-STOP PUSH-BUTTON		=100/6.1	+M-XS2		1	1	=100+M-0S02		21	=100/6.1		E-STOP PUSH-BUTTON							
E-STOP PUSH-BUTTON		=100/6.1	+M-XS2		2	2	=100+M-0S02		22	=100/6.1		E-STOP PUSH-BUTTON							
E-STOP PUSH-BUTTON		=100/6.1	+M-XS2		3	3	=100+M-0S02		11	=100/6.1		E-STOP PUSH-BUTTON							
E-STOP PUSH-BUTTON		=100/6.1	+M-XS2		4	4	=100+M-0S02		12	=100/6.1		E-STOP PUSH-BUTTON							
						PE													



# INTERCONNECTION DIAGRAM

CABLE NAME <b>-06W16</b>					CABLE TYPE <b>OELFLEX 540P</b>				
REMARK					NO. OF CORES <b>5G</b>		CROSS SECTION <b>1</b>		CABLE LENGTH <b>-</b>

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
E-STOP PUSH-BUTTON	=100/6.3	+M-XS6	1	1	=100+M-0S06	21	=100/6.3	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.3	+M-XS6	2	2	=100+M-0S06	22	=100/6.3	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.4	+M-XS6	3	3	=100+M-0S06	11	=100/6.4	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.4	+M-XS6	4	4	=100+M-0S06	12	=100/6.4	E-STOP PUSH-BUTTON
				PE				

=STK/1

# Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
-XOUT	1	Anbaugehaeuse 16-pol. mit 2 Buegeln	ILME GmbH	CHI 16	=A0/19.6	M10020941
-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, 400V	ILME GmbH	CNF 16	=A0/19.6	M10011811
-XOUT	1	Stifteinsatz 16-polig +PE 16A max, 500V	ILME GmbH	CSEM 16	=A0/19.6	M10011812
-XIN	1	Anbaugehaeuse 16-pol. mit 2 Buegeln	ILME GmbH	CHI 16	=A0/19.6	M10020941
-XIN	1	Tuellengehaeuse M25 mit Bolzen für 2 Bügel	ILME GmbH	MHO 16.25	=A0/19.6	M10011806
-XIN	1	Buchseneinsatz 16-polig +PE 16A max, 400V	ILME GmbH	CNF 16	=A0/19.6	M10011811
-XIN	1	Stifteinsatz 16-polig +PE 16A max, 500V	ILME GmbH	CSEM 16	=A0/19.6	M10011812
-3X2	1	Tuellengehaeuse 4-pol.+PE mit Buegel und Verschraubung, Metall	ILME GmbH	CKA 03 VGS	=A0/19.6	M10011803
-3X2	1	Stifteinsatz 4-polig +PE 10A max, 250V	ILME GmbH	CKM 04	=A0/19.6	M10011804
-3X2	1	Buchseneinsatz 4-polig +PE 10A max, 250V	ILME GmbH	CKF 04	=A0/19.6	M10011805
-4X1	1	Anbaugehaeuse 16-pol. mit 2 Buegeln	ILME GmbH	CHI 16	=A0/19.6	M10020941
-4X1	1	Buchseneinsatz 4+2-polig +PE 80A max+16A max, 400V	ILME GmbH	CXF 4/2	=A0/19.6	M10012917
-4X1	1	Stifteinsatz 4+2-polig +PE 80A max+16A max, 400V	ILME GmbH	CXM 4/2	=A0/19.6	M10012918
-4X1	1	Tuellengehaeuse M32 mit Bolzen für 2 Bügel	ILME GmbH	MHO 16.32	=A0/19.6	2454466
-4X2	1	Stifteinsatz 4-polig +PE 10A max, 250V	ILME GmbH	CKM 04	=A0/19.6	M10011804
-4X2	1	Buchseneinsatz 4-polig +PE 10A max, 250V	ILME GmbH	CKF 04	=A0/19.6	M10011805
-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	RQ 72 E 800/1600/5A	=100/1.0	M10009940
=100-0T02	1	Summenstromwandler 500mA fuer FI-Relais Typ MFR	Doepke	MFIW 105/0,5	=100/1.1	M10021781
=100-0Q1	1	Leistungsschalter 3p 630A BG3 NZMN3-AE630	Moeller	NZMN3-AE630	=100/1.1	M10017488
=100-0Q1	1	Unterspannungsausloeser mit 2 VHI NZM2/3-XUHVC380-440AC	Moeller	NZM2/3-XUHVC380-440AC	=100/1.1	M10017491
=100-0Q1	1	Hauptschalterbausatz f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XHBR	=100/1.1	M10017494
=100-0Q1	1	Kontaktelement 1S Front M22-CK10	Moeller	M22-CK10	=100/1.1	M10016214
=100-0T01	1	Stromwandler AC 40 800/5A	Langer Messtechnik GmbH	TAC 40 800/5A	=100/1.1	M0000010
=100-0F00	1	NEOZED Sicherungssockel, 3-polig, D01, 16A, E14, mit Isolierstoffdeckel	Siemens	5SG5330	=100/1.2	5SG5330
=100-0F00	2	NEOZED Schraubkappe Kunststoff D01, 16A, E14, mit Pruefloch	Siemens	5SH4116	=100/1.2	M10025566
=100-0F00	2	NEOZED-Sicherungseinsatz D01, 2A 400VAC/250VDC, gL-gG	Lindner	1700.002	=100/1.2	M10006604
=100-0F00	2	NEOZED Huelseinsatz 2A Sockel D01	Lindner	1705.002	=100/1.2	M10021286
=100-PE	2	Sammelschienenhalter 1polig	Rittal GmbH & Co. KG	SV 9340.030	=100/1.2	2475716
=100-0F01	1	FI-Steuerschalter 2S, 500V, 16A	Doepke	MFR	=100/1.3	M10016345
=100-0F09	1	NEOZED Schraubkappe Kunststoff D01, 16A, E14, mit Pruefloch	Siemens	5SH4116	=100/1.4	M10025566
=100-0F09	1	NEOZED Huelseinsatz 2A Sockel D01	Lindner	1705.002	=100/1.4	M10021286
=100-0F09	1	NEOZED-Sicherungseinsatz D01, 2A 400VAC/250VDC, gL-gG	Lindner	1700.002	=100/1.4	M10006604
=100-P5	1	Betriebsstundenzaehler 230V AC	ABB AG	E233-230	=100/1.4	M10011840
=100-0F06	1	NEOZED Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Siemens	5SG1330	=100/3.1	M10011894
=100-0F06	1	NEOZED Schraubkappe Kunststoff D01, 16A, E14, mit Pruefloch	Siemens	5SH4116	=100/3.1	M10025566
=100-0F06	1	NEOZED-Sicherungseinsatz D01, 6A 400VAC/250VDC, gL-gG	Lindner	1700.006	=100/3.1	M10004051
=100-0F06	1	NEOZED Huelseinsatz 6A Sockel D01	Lindner	1705.006	=100/3.1	M10021288
=100-0F07	1	NEOZED Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Siemens	5SG1330	=100/3.3	M10011894
=100-0F07	1	NEOZED Schraubkappe Kunststoff D01, 16A, E14, mit Pruefloch	Siemens	5SH4116	=100/3.3	M10025566
=100-0F07	1	NEOZED-Sicherungseinsatz D01, 6A 400VAC/250VDC, gL-gG	Lindner	1700.006	=100/3.3	M10004051
=100-0F07	1	NEOZED Huelseinsatz 6A Sockel D01	Lindner	1705.006	=100/3.3	M10021288
=100-0F08	1	NEOZED Sicherungssockel, 1-polig, D01, 16A, E14, mit Isolierstoffdeckel	Siemens	5SG1330	=100/3.5	M10011894
=100-0F08	1	NEOZED Schraubkappe Kunststoff D01, 16A, E14, mit Pruefloch	Siemens	5SH4116	=100/3.5	M10025566
=100-0F08	1	NEOZED-Sicherungseinsatz D01, 6A 400VAC/250VDC, gL-gG	Lindner	1700.006	=100/3.5	M10004051
=100-0F08	1	NEOZED Huelseinsatz 6A Sockel D01	Lindner	1705.006	=100/3.5	M10021288
=100-SX	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	3SB32 02-2KA11-0CC0	=100/3.7	M10021302
=100-SX	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/3.7	M10017531

=KAB/55

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DATE		26.Nov.2015		KLEEMANN GMBH		STUECKLISTE		KLEEMANN SERIES K007		= STK		+	
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO 2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 1	
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	part number
=100-SX	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/3.7	M10017535
=100-KX	1	Stecksoclel mit Relais	Wago GmbH & Co. KG	788-312	=100/3.7	M10019133 + M10019138
=100-0F03	1	NEOZED Sicherungssockel, 3-polig,	Siemens	5SG5730	=100/4.1	5SG5730
=100-0F03	3	NEOZED Schraubkappe Kunststoff	Siemens	5SH4163	=100/4.1	2302901
=100-0F03	3	NEOZED Sicherungseinsatz 35A	Lindner	1701.035	=100/4.1	M10006607
=100-0F03	3	NEOZED Huelseneinsatz 35A	Lindner	1706.035	=100/4.1	M10021297
=100-0F04	1	FI-Schutzschalter	Legrand	DX 40A 40/0,03	=100/4.1	M10025396
=100-0X4	1	Anbausteckdose	Hilpress GmbH	56024	=100/4.1	2454422
=100-0F05	1	NEOZED Sicherungssockel, 1-polig,	Siemens	5SG1330	=100/4.3	M10011894
=100-0F05	1	NEOZED Schraubkappe Kunststoff	Siemens	5SH4116	=100/4.3	M10025566
=100-0F05	1	NEOZED-Sicherungseinsatz D01, 16A	Lindner	1700.016	=100/4.3	M10006605
=100-0X5	1	Anbausteckdose	Hilpress GmbH	56090	=100/4.3	M10009114
=100-0F0	1	NH-Sicherungslasttrenner Gr.00	Rittal GmbH & Co. KG	SV 9343.010	=100/5.1	M10021186
=100-0F0	3	NH-Sicherungseinsatz Gr.000 100A	Siemens	3NA7 830	=100/5.1	M10006609
=100-0X1	1	Steckdose AD385X5S	ELSPRO GmbH	AD385X5S	=100/5.1	M10011844
=100-0F1	1	SV Reitersicherungselement 60 mm	Rittal GmbH & Co. KG	SV 3418.010	=100/5.4	2490062
=100-0F1	1	Beruehrungsschutzabdeckung	Rittal GmbH & Co. KG	SV 3418.020	=100/5.4	2490063
=100-0F1	2	NEOZED Huelseneinsatz 10A	Lindner	1706.01	=100/5.4	M10021293
=100-0F1	2	NEOZED-Sicherungseinsatz D01, 10A	Lindner	1700.01	=100/5.4	M10004052
=100-0F1	3	NEOZED Schraubkappe Kunststoff	Siemens	5SH4163	=100/5.4	2302901
=100-0F1	2	NEOZED Haltefeder 2 - 16 A	Lindner	1713.	=100/5.4	M10018518
=100-0T1	1	Transformator 1-phasig 500VA	Block GmbH & Co.KG	ST 500/4/23	=100/5.4	M00000014
=100-0F1.3	1	Sicherungsautomat 1-polig Typ C	Siemens	5SY6 102-7	=100/5.4	M10019972
=100-0F1.3	1	Hilfsschalter 1S 10E	Siemens	5ST3 010	=100/5.4	M10019130
=100-0F02	1	SV Reitersicherungselement 60 mm	Rittal GmbH & Co. KG	SV 3418.010	=100/5.7	2490062
=100-0F02	1	Beruehrungsschutzabdeckung	Rittal GmbH & Co. KG	SV 3418.020	=100/5.7	2490063
=100-0F02	2	NEOZED-Sicherungseinsatz D01, 2A	Lindner	1700.002	=100/5.7	M10006604
=100-0F02	2	NEOZED Huelseneinsatz 2A	Lindner	1706.002	=100/5.7	M10021290
=100-0F02	2	NEOZED Schraubkappe Kunststoff	Siemens	5SH4163	=100/5.7	2302901
=100-0F02	2	NEOZED Haltefeder 2 - 16 A	Lindner	1713.	=100/5.7	M10018518
=100-0P2	1	Voltmeter 500V	Langer Messtechnik GmbH	RQ 72 E 500V	=100/5.7	M10006617
=100-0S00	1	Pilzdrucktaster rot,	Siemens	3SB32 01-1HA20-0CC0	=100/6.6	M10015479
=100-0S00	2	Schaltelement 10E	Siemens	3SB34 03-0C	=100/6.6	M10017539
=100-0S00	1	Schutzkappe	Siemens	3SB19 02-2BH	=100/6.6	M10017532
=100-0S00	1	Schildtraeger	Moeller	M22-XAK1	=100/6.6	2454464
=100+S-XSBT1	1	Buchseneinsatz 10-polig +PE	ILME GmbH	CSEF 10	=100/6.7	2302895
=100+S-XSBT1	1	Anbauehaeuse	ILME GmbH	CHI 10	=100/6.7	2332565
=100+S-XSBT2	1	Tuellengehaeuse M20 rot	ILME GmbH	MHOR 10.20	=100/6.7	2332604
=100+S-XSBT2	1	Stifteinsatz 10-polig +PE	ILME GmbH	CSEM 10	=100/6.7	2302911
=100+S-XSBT2.	1	Tuellengehaeuse M20	ILME GmbH	MHO 10.20	=100/6.7	2302913
=100+S-XSBT2.	1	Stifteinsatz 10-polig +PE	ILME GmbH	CSEM 10	=100/6.7	2302911
=100+S-XSBT2.	1	Anbauehaeuse	ILME GmbH	CHI 10	=100/6.7	2332565
=100-KN1	1	Hilfsschuetz SIRIUS	Siemens	3RH2122-2BB40	=100/6.1.2	2256202
=100-KN2	1	Hilfsschuetz SIRIUS	Siemens	3RH2122-2BB40	=100/6.1.2	2256202
=100-D1	1	Sicherheitsschaltgeraet PNOZ S4	Pilz GmbH & Co.	PNOZ S4_24	=100/6.1.3	M10020898
=100-D2	1	Sicherheitsschaltgeraet PNOZ S5	Pilz GmbH & Co.	PNOZ S5_24	=100/6.1.7	M10020897
=100-0F2	1	NEOZED Sicherungssockel, 1-polig,	Siemens	5SG1330	=100/7.1	M10011894
=100-0F2	1	NEOZED Schraubkappe Kunststoff	Siemens	5SH4116	=100/7.1	M10025566
=100-0F2	1	NEOZED-Sicherungseinsatz D01, 6A	Lindner	1700.006	=100/7.1	M10004051
=100-0F2	1	NEOZED Huelseneinsatz 6A	Lindner	1705.006	=100/7.1	M10021288

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EDITED	JBR	MOBICAT MC 120 Z EU			KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.
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	part number
=100-0F3	1	Sicherungsautomat 1-polig Typ C	Siemens	5SY6 106-7	=100/7.3	M10019164
=100-0F3	1	Hilfsschalter 1S 10E	Siemens	5ST3 010	=100/7.3	M10019130
=100-0S1	1	Schluesselschalter, O-I Ronis	Siemens	3SB32 02-4AD11-0CC0	=100/7.3	M10021350
=100-0S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/7.3	M10017535
=100-0K1	1	Schuetz, 4kW/400V	Siemens	3RT2016-2BB41	=100/7.3	2256186
=100-GF2	1	NEOZED Sicherungssockel, 1-polig,	Siemens	5SG1330	=100/7.5	M10011894
=100-GF2	1	NEOZED Schraubkappe Kunststoff	Siemens	5SH4116	=100/7.5	M10025566
=100-GF2	1	NEOZED-Sicherungseinsatz D01, 10A	Lindner	1700.01	=100/7.5	M10004052
=100-GF2	1	NEOZED Huelseinsatz 10A	Lindner	1705.01	=100/7.5	M10021289
=100-0F4	1	NEOZED Sicherungssockel, 1-polig,	Siemens	5SG1330	=100/7.6	M10011894
=100-0F4	1	NEOZED Schraubkappe Kunststoff	Siemens	5SH4116	=100/7.6	M10025566
=100-0F4	1	NEOZED-Sicherungseinsatz D01, 2A	Lindner	1700.002	=100/7.6	M10006604
=100-0F4	1	NEOZED Huelseinsatz 2A	Lindner	1705.002	=100/7.6	M10021286
=100+M-00H2	1	Sirene 24V DC, 0,5A	Funke+Huster GmbH	KS 24	=100/7.6	M10011815
=100+M-00H3	1	Blitzlicht AC/DC 24V	Telemecanique	XVB L6B5AB	=100/7.8	M10011814
=100-1T1	1	Stromwandler AC 32	Langer Messtechnik GmbH	TAC 32 500/5A	=100/8.1	M00000009
=100-1T2	1	Stromwandler AC 32	Langer Messtechnik GmbH	TAC 32 500/5A	=100/8.1	M00000009
=100-1T3	1	Stromwandler AC 32	Langer Messtechnik GmbH	TAC 32 500/5A	=100/8.1	M00000009
=100-1P1	1	Amperemeter 500/1000/5A	Langer Messtechnik GmbH	RQ 72 E 500/1000/5A	=100/8.2	M10011872
=100-1K01	1	Ueberwachungsrelais	Siemens	3UG46 22-2AW30	=100/8.3	M10014275
=100-1F1	1	Ueberwachungsrelais 1,6-16A,	Siemens	3RR2241-2FW30	=100/8.3	2374312
=100-1F1	1	Traeger fuer Einzelaufstellung	Siemens	3RU2916-3AC01	=100/8.3	2374313
=100-1KC1	1	Motorschuetz, 90kW/400V	Siemens	3RT10 56-6AP36	=100/9.1	M10016346
=100-1KT1	1	Zeitrelais 24V DC/AC,200...240V AC	Siemens	3RP15 76-2NP30	=100/9.3	M10013725
=100-1KC2	1	Motorschuetz, 90kW/400V	Siemens	3RT10 56-6AP36	=100/9.4	M10016346
=100-1KC3	1	Motorschuetz, 75kW/400V	Siemens	3RT10 55-6AP36	=100/9.6	3RT10 55-6AP36
=100-1KC3	1	Parallelschaltverbindung	Siemens	3RT19 56-4BA31	=100/9.6	3RT19 56-4BA31
=100-2Q1	1	Leistungsschalter 3,5-5A	Siemens	3RV2011-1FA15	=100/10.1	2255701
=100-2Q1	1	OM Adapter	Rittal GmbH & Co. KG	SV 9340.310	=100/10.1	2196710
=100-2Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	SV 9342.850	=100/10.1	2196728
=100-2F1	1	SV Reitersicherungselement 60 mm	Rittal GmbH & Co. KG	SV 3418.010	=100/10.4	2490062
=100-2F1	1	Beruehrungsschutzabdeckung	Rittal GmbH & Co. KG	SV 3418.020	=100/10.4	2490063
=100-2F1	3	NEOZED Huelseinsatz 25A	Lindner	1706.025	=100/10.4	M10021296
=100-2F1	3	NEOZED Sicherungseinsatz 25A	Lindner	1701.025	=100/10.4	M10006606
=100-2F1	3	NEOZED Schraubkappe Kunststoff	Siemens	5SH4163	=100/10.4	2302901
=100-3Q1	1	Leistungsschalter 11-16A	Siemens	3RV2011-4AA15	=100/10.7	2255713
=100-3Q1	1	OM Adapter	Rittal GmbH & Co. KG	SV 9340.310	=100/10.7	2196710
=100-3Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	SV 9342.850	=100/10.7	2196728
=100-3X1	1	Anbausteckdose	Hilpress GmbH	56022	=100/10.7	2454465
=100-4Q1	1	Leistungsschalter 27-32A	Siemens	3RV2021-4EA15	=100/11.1	2303086
=100-4Q1	1	OM Adapter	Rittal GmbH & Co. KG	SV 9340.460	=100/11.1	2196715
=100-4Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	SV 9342.850	=100/11.1	2196728
=100-4F1	1	Ueberwachungsrelais 4-40A,	Siemens	3RR2242-2FW30	=100/11.2	2305008
=100-4F1	1	Traeger fuer Einzelaufstellung	Siemens	3RU2926-3AC01	=100/11.2	2305012
=100-5Q1	1	Leistungsschalter 7-10A	Siemens	3RV2011-1JA15	=100/11.4	2255708
=100-5Q1	1	OM Adapter	Rittal GmbH & Co. KG	SV 9340.310	=100/11.4	2196710
=100-5Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	SV 9342.850	=100/11.4	2196728
=100-5F1	1	Ueberwachungsrelais 1,6-16A,	Siemens	3RR2241-2FW30	=100/11.5	2374312
=100-5F1	1	Traeger fuer Einzelaufstellung	Siemens	3RU2916-3AC01	=100/11.5	2374313
=100-5Q2	1	Leistungsschalter 7-10A	Siemens	3RV2011-1JA15	=100/11.7	2255708

			DATE	26.Nov.2015	KLEEMANN GMBH			STUECKLISTE	KLEEMANN SERIES	K007	=	STK	+
			EDITED	JBR	MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.	3
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	part number	
=100-5Q2	1	OM Adapter	25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/11.7	2196710
=100-5Q2	1	Tragschiene 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/11.7	2196728
=100-5F2	1	Ueberwachungsrelais 1,6-16A,	1W, 24-240V AC/DC	Siemens	3RR2241-2FW30	=100/11.7	2374312
=100-5F2	1	Traeger fuer Einzelaufstellung	f. 3RU21/3RB30/3RB31 Gr. S00	Siemens	3RU2916-3AC01	=100/11.7	2374313
=100-6Q1	1	Leistungsschalter 9-12,5A	mit Hilfsschalter,fuer Motorschutz	Siemens	3RV2011-1KA15	=100/12.1	2255711
=100-6Q1	1	OM Adapter	25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/12.1	2196710
=100-6Q1	1	Tragschiene 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/12.1	2196728
=100-7F1	1	SV Reitersicherungselement 60 mm	Typ D 02-E 18	Rittal GmbH & Co. KG	SV 3418.010	=100/12.4	2490062
=100-7F1	1	Beruehrungsschutzabdeckung	Typ D 02-E 18	Rittal GmbH & Co. KG	SV 3418.020	=100/12.4	2490063
=100-7F1	3	Sicherungseinsatz 63A	D02, 400VAC/250VDC, gL-gG	Lindner	1701.063	=100/12.4	M10009493
=100-7F1	3	NEOZED Schraubkappe Kunststoff	D02, 63A, E18, mit Pruefloch	Siemens	5SH4163	=100/12.4	2302901
=100-7F2	1	Ueberwachungsrelais 4-40A,	1W, 24-240V AC/DC	Siemens	3RR2242-2FW30	=100/12.4	2305008
=100-7F2	1	Traeger fuer Einzelaufstellung	f. 3RU21/3RB30/3RB31 Gr. S0	Siemens	3RU2926-3AC01	=100/12.4	2305012
=100-9Q1	1	Leistungsschalter 7-10A	mit Hilfsschalter,fuer Motorschutz	Siemens	3RV2011-1JA15	=100/13.1	2255708
=100-9Q1	1	OM Adapter	25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/13.1	2196710
=100-9Q1	1	Tragschiene 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/13.1	2196728
=100-10Q1	1	Leistungsschalter 4,5-6,3A	mit Hilfsschalter,fuer Motorschutz	Siemens	3RV2011-1GA15	=100/13.4	2255703
=100-10Q1	1	OM Adapter	32A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.510	=100/13.4	M10025431
=100-10Q1	1	Tragschiene 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/13.4	2196728
=100-13Q1	1	Leistungsschalter 0,18-0,25A	mit Hilfsschalter,fuer Motorschutz	Siemens	3RV2011-OCA15	=100/13.7	2416474
=100-13Q1	1	OM Adapter	25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/13.7	2196710
=100-13Q1	1	Tragschiene 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/13.7	2196728
=100-8Q1	1	Steuerschalter 4-pol	12kW 400V 32A	Moeller	T3-4-8223/E	=100/14.1	M10013874
=100-8A1	1	Frequenzumrichter	380-480V, 25/29A, 50-60Hz, 11/15kW	Control Techniques	SK 2403	=100/14.2	M20000268
=100-8F1	1	SV Reitersicherungselement 60 mm	Typ D 02-E 18	Rittal GmbH & Co. KG	SV 3418.010	=100/14.2	2490062
=100-8F1	1	Beruehrungsschutzabdeckung	Typ D 02-E 18	Rittal GmbH & Co. KG	SV 3418.020	=100/14.2	2490063
=100-8F1	3	NEOZED Huelseneinsatz 35A	Sockel D02	Lindner	1706.035	=100/14.2	M10021297
=100-8F1	3	NEOZED Sicherungseinsatz 35A	D02, 400VAC/250VDC, gL-gG	Lindner	1701.035	=100/14.2	M10006607
=100-8F1	3	NEOZED Schraubkappe Kunststoff	D02, 63A, E18, mit Pruefloch	Siemens	5SH4163	=100/14.2	2302901
=100-8L1	1	Netzrossel	28,8A, max.600V 50-60Hz	Control Techniques	KDD 0,4/N/600V/28,8A/4UK	=100/14.2	2372472
=100-8F2	1	Ueberlastrelais 7-10A, 1S+1OE	f.Einzelaufstellung	Siemens	3RU2116-1JC1	=100/14.2	2255404
=100-8F3	1	Ueberlastrelais 7-10A, 1S+1OE	f.Einzelaufstellung	Siemens	3RU2116-1JC1	=100/14.4	2255404
=100-8RB	1	Bremswiderstand SP	100W 400V 37,5 Ohm	Control Techniques	SP	=100/14.7	M10020877
=100-A0_OP	1	Operator Panel	256kB Anwenderspeicher, 24V DC	VIPA GmbH	OP 03 603-1OP00	=100/17.2	M10019119
=100-A0_CPU	1	SPS-CPU mit MPI	256 Zaehler, 96kByte RAM	VIPA GmbH	VIPA 214-1BA03	=100/17.2	2302910
=100-A0_CPU	1	Busverbinder 8-fach		VIPA GmbH	290-0AA80	=100/17.2	M10021063
=100-A0_CPU	1	Busverbinder 2-fach		VIPA GmbH	290-0AA20	=100/17.2	290-0AA20
=100-A0_2	1	Ein-/ausgabebaugruppe SM 238	12DE+4DIO,3AE+1Pt100,2AA,24V DC	VIPA GmbH	SM 238-2BC00	=100/17.2	M10020887
=100-A0_3	1	Digitalausgabebaugruppe SM 222	16DO, 24V DC, 1A	VIPA GmbH	SM 222-1BH10	=100/17.4	M10021058
=100-A0_4	1	Digitaleingabebaugruppe SM 221	32DE, 24VDC	VIPA GmbH	SM 221-2BL10	=100/17.4	M10021059
=100-A0_5	1	Digitaleingabebaugruppe SM 221	32DE, 24VDC	VIPA GmbH	SM 221-2BL10	=100/17.5	M10021059
=100-A0_6	1	Digitalausgabebaugruppe SM 222	32DO, 24V DC, 1A	VIPA GmbH	SM 222-2BL10	=100/17.6	M10021060
=100-1K1	1	Stecksocle mit Relais	2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/22.1	M10019133 + M10019138
=100-1K08	1	Schuetz, 3kW/400V	3H 1S 24V DC, Cage-Clamp	Siemens	3RT2015-2BB41	=100/22.5	2256180
=100-00K2	1	Stecksocle mit Relais	2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/22.6	M10019133 + M10019138
=100-00K3	1	Stecksocle mit Relais	2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/22.7	M10019133 + M10019138
=100-0H2	1	Leuchtmelder weiss, mit glatter Linse	LED integriert, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/23.2	2302899
=100-0H2	1	Schildtraeger		Siemens	3SB39 25-0AV	=100/23.2	M10017535
=100-0H2.1	1	Leuchtmelder weiss, mit glatter Linse	LED integriert, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/23.3	2302899
=100-0H2.1	1	Schildtraeger		Siemens	3SB39 25-0AV	=100/23.3	M10017535

DATE		26.Nov.2015		KLEEMANN GMBH		 <b>STUECKLISTE</b>		KLEEMANN SERIES		K007		= STK		+	
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 4	
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	part number
=100-S0.0	1	Leuchtdrucktaster weiss, LED integriert	Siemens	3SB32 45-0AA61-0CC0	=100/24.1	2219470
=100-S0.0	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.1	M10017533
=100-S0.0	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.1	M10017535
=100-S0.1	1	Drucktaster schwarz	Siemens	3SB32 03-0AA11-0CC0	=100/24.2	3SB32 03-0AA11-0CC0
=100-S0.1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.2	M10017533
=100-S0.1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.2	M10017535
=100-S0.2	1	Knebel 2 Schalterstellungen,	Siemens	3SB32 02-2KA11-0CC0	=100/24.3	M10021302
=100-S0.2	1	Schutzkappe	Siemens	3SB39 21-0BA	=100/24.3	M10017531
=100-S0.2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.3	M10017535
=100-S0.3	1	Drucktaster blau	Siemens	3SB32 02-0AA51-0CC0	=100/24.4	2416482
=100-S0.3	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.4	M10017533
=100-S0.3	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.4	M10017535
=100-S0.4	1	Leuchtdrucktaster rot, LED integriert	Siemens	3SB32 46-0AA21-0CC0	=100/24.5	2219472
=100-S0.4	2	Schaltelement mit 1 Schaltglied 1S	Siemens	3SB34 03-0B	=100/24.5	M10017540
=100-S0.4	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.5	M10017533
=100-S0.4	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.5	M10017535
=100-2S2	1	Knebel 3 Schalterstellungen,	Siemens	3SB32 10-2DA11-0CC0	=100/24.6	3SB32 10-2DA11-0CC0
=100-2S2	1	Schaltelement 1OE	Siemens	3SB34 03-0C	=100/24.6	M10017539
=100-2S2	1	Schutzkappe	Siemens	3SB39 21-0BA	=100/24.6	M10017531
=100-2S2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.6	M10017535
=100-2S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	3SB32 45-0AA41-0CC0	=100/24.7	M10020706
=100-2S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.7	M10017533
=100-2S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.7	M10017535
=100-3S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	3SB32 45-0AA41-0CC0	=100/24.8	M10020706
=100-3S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.8	M10017533
=100-3S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.8	M10017535
=100-4S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	3SB32 45-0AA41-0CC0	=100/25.1	M10020706
=100-4S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.1	M10017533
=100-4S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.1	M10017535
=100-5S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	3SB32 45-0AA41-0CC0	=100/25.2	M10020706
=100-5S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.2	M10017533
=100-5S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.2	M10017535
=100-6S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	3SB32 45-0AA41-0CC0	=100/25.3	M10020706
=100-6S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.3	M10017533
=100-6S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.3	M10017535
=100-7S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	3SB32 45-0AA41-0CC0	=100/25.4	M10020706
=100-7S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.4	M10017533
=100-7S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.4	M10017535
=100-8S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	3SB32 45-0AA41-0CC0	=100/25.5	M10020706
=100-8S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.5	M10017533
=100-8S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.5	M10017535
=100-10S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	3SB32 45-0AA41-0CC0	=100/25.7	M10020706
=100-10S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.7	M10017533
=100-10S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.7	M10017535
=100-9S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	3SB32 45-0AA41-0CC0	=100/26.4	M10020706
=100-9S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/26.4	M10017533
=100-9S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/26.4	M10017535
=100-S5.2	1	Leuchtdrucktaster gelb, LED integriert	Siemens	3SB32 45-0AA31-0CC0	=100/29.3	2302897
=100-S5.2	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/29.3	M10017533
=100-S5.2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/29.3	M10017535

DATE		26.Nov.2015		KLEEMANN GMBH		 <b>STUECKLISTE</b>		KLEEMANN SERIES		K007		= STK		+	
EDITED		JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO		2388430_01		CAE-SYSTEM: EPLAN 5.70		PG. 5	
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	part number
=100+-8S	1	Knebel 3 Schalterstellungen, schwarz, 1S, 1S	Siemens	3SB32 10-2EA11-0CC0	=100/29.7	M10021301
=100+-8S	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/29.7	M10017531
=100+-8S	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/29.7	M10017535
=100-7KC1	1	Schuetz 15kW/400V 3H 1S+1OE, 24V DC, ohne Varistor,	Siemens	3RT2027-2BB40	=100/32.1	2268888
=100-8KC1	1	Schuetz 15kW/400V 3H 1S+1OE, 24V DC, ohne Varistor,	Siemens	3RT2027-2BB40	=100/32.2	2268888
=100-9KC1	1	Schuetz, 5,5kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2017-2BB41	=100/32.3	2256190
=100-10KC1	1	Schuetz, 3kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2015-2BB41	=100/32.4	2256180
=100-K8.4	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/32.5	M10019133 + M10019138
=100-K8.6	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/32.7	M10019133 + M10019138
=100-K8.7	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/32.8	M10019133 + M10019138
=100-8K2	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/33.2	M10019133 + M10019138
=100-0H6	1	Leuchtmelder blau, mit glatter Linse LED integriert, 24V	Siemens	3SB32 44-6AA50-0CC0	=100/33.8	2302898
=100-0H6	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/33.8	M10017535
=100-2KC1	1	Schuetz, 3kW/400V 3H 1OE 24V DC, Cage-Clamp	Siemens	3RT2015-2BB42	=100/34.1	2256178
=100-2KC2	1	Schuetz, 3kW/400V 3H 1OE 24V DC, Cage-Clamp	Siemens	3RT2015-2BB42	=100/34.2	2256178
=100-3KC1	1	Schuetz, 5,5kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2017-2BB41	=100/34.3	2256190
=100-2KC3	1	Motorschuetz, 7,5kW/400V 4H 1S+1OE 24V DC, Federzuganschluss	Siemens	3RT2326-2BB40	=100/34.4	2416802
=100-4KC1	1	Schuetz 15kW/400V 3H 1S+1OE, 24V DC, ohne Varistor,	Siemens	3RT2027-2BB40	=100/34.5	2268888
=100-5KC1	1	Schuetz, 4kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2016-2BB41	=100/34.6	2256186
=100-5KC2	1	Schuetz, 4kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2016-2BB41	=100/34.7	2256186
=100-6KC1	1	Schuetz, 5,5kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2017-2BB41	=100/34.8	2256190
=100-LS1	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	3SB32 02-2KA11-0CC0	=100/36.1	M10021302
=100-LS1	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/36.1	M10017531
=100-LS1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/36.1	M10017535
=100-LS1	1	Socket fuer Relais LZX:MT32...	Siemens	LZX:MT78750	=100/36.2	M10010285
=100-GA1	1	Schlussselschaltgeraet	ehb-electronics GmbH	MC704-LC	=100/37.0	2461886
=100-GF1	1	2-Leiter-Sicherungsklemme, grau 8mm breit, Cage Clamp	Wago GmbH & Co. KG	282-696	=100/37.0	M10015067
=100-GF1	1	Abschluss- und Zwischenplatte, orange 2mm dick	Wago GmbH & Co. KG	282-333	=100/37.0	M10015068
=100-GK1	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/37.1	M10019133 + M10019138
=100-GK6	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/37.3	M10019133 + M10019138
=100-GK9	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/37.6	M10019133 + M10019138
=100-GK9.1	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/37.7	M10019133 + M10019138
=100-GK26	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/38.2	M10019133 + M10019138
=100-GKT1	1	Zeitrelais mit LED 1 Wechsler, Cage Clamp	Siemens	3RP15 25-2AP30	=100/38.3	M10014285
=100-GP1	1	Oeldruckmesser elektrisch, rund 0-10bar	Motometer	644 060 1026	=100/40.1	M10014439
=100-GP2	1	Temperaturanzeige elektrisch, rund 40-120°C	Motometer	641 012 1060	=100/40.2	M10014440
=100-GP3	1	Tankanzeige elektrisch, rund D=64mm	Motometer	609 060 1039	=100/40.4	M10019161
=100-GKT2	1	Zeitrelais mit LED 1 Wechsler, Cage Clamp	Siemens	3RP15 25-2AP30	=100/40.6	M10014285
=100-SN0	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	3SB32 02-2KA11-0CC0	=100/41.1	M10021302
=100-SN0	2	Schaltelement 1S 1OE 1S + 1OE	Siemens	3SB34 03-0A	=100/41.1	M10014283
=100-SN0	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/41.1	M10017531
=100-SN0	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/41.1	M10017535
=100-KGA1	1	Hilfsschuetz SIRIUS 2S+2OE 24VDC, Cage Clamp	Siemens	3RH2122-2BB40	=100/41.2	2256202
=100-KGA2	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/41.2	M10019133 + M10019138
=100-KGA3	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/41.3	M10019133 + M10019138
=100-8K04	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/41.4	M10019133 + M10019138
=100-8K03	1	Stecksoclel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	788-312	=100/41.4	M10019133 + M10019138

DATE 26.Nov.2015		KLEEMANN GMBH			STUECKLISTE	KLEEMANN SERIES	K007	= STK	+
EDITED JBR		MOBICAT MC 120 Z EU				KLEEMANN MATERIAL NO	2388430_01	CAE-SYSTEM: EPLAN 5.70	PG.
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	part number	
-XOUT	1	Attachment housing 16-pol. with 2 bow	ILME GmbH	CHI 16	=A0/19.6	M10020941	
-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	ILME GmbH	CNF 16	=A0/19.6	M10011811	
-XOUT	1	Pin insert 16-pol+pe	ILME GmbH	CSEM 16	=A0/19.6	M10011812	
-XIN	1	Attachment housing 16-pol. with 2 bow	ILME GmbH	CHI 16	=A0/19.6	M10020941	
-XIN	1	Plug housing M25 with Bolt for 2 Bow	ILME GmbH	MHO 16.25	=A0/19.6	M10011806	
-XIN	1	Socket insert 16-poled+pe	ILME GmbH	CNF 16	=A0/19.6	M10011811	
-XIN	1	Pin insert 16-pol+pe	ILME GmbH	CSEM 16	=A0/19.6	M10011812	
-3X2	1	Plug housing 4-pol.+pe with bow and screwing, metal	ILME GmbH	CKA 03 VGS	=A0/19.6	M10011803	
-3X2	1	Pin insert 4-pol+pe	ILME GmbH	CKM 04	=A0/19.6	M10011804	
-3X2	1	Socket insert 4-pol+pe	ILME GmbH	CKF 04	=A0/19.6	M10011805	
-4X1	1	Attachment housing 16-pol. with 2 bow	ILME GmbH	CHI 16	=A0/19.6	M10020941	
-4X1	1	Socket insert 4+2-pol +PE	ILME GmbH	CXF 4/2	=A0/19.6	M10012917	
-4X1	1	Pin insert 4+2-pol +PE	ILME GmbH	CXM 4/2	=A0/19.6	M10012918	
-4X1	1	Plug housing M32 with Bolt for 2 Bow	ILME GmbH	MHO 16.32	=A0/19.6	2454466	
-4X2	1	Pin insert 4-pol+pe	ILME GmbH	CKM 04	=A0/19.6	M10011804	
-4X2	1	Socket insert 4-pol+pe	ILME GmbH	CKF 04	=A0/19.6	M10011805	
-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	RQ 72 E 800/1600/5A	=100/1.0	M10009940	
=100-0T02	1	Summation current transformer 500ma	for FAULT CURRENT-Relay Type MFR	Doepke	MFIW 105/0,5	=100/1.1	M10021781
=100-0Q1	1	Power switch 3p 630a bg3	NZMN3-AI630	Moeller	NZMN3-AE630	=100/1.1	M10017488
=100-0Q1	1	Undervoltage circuit breaker with 2 vhi	NZM2/3-XUHVC380-440AC	Moeller	NZM2/3-XUHVC380-440AC	=100/1.1	M10017491
=100-0Q1	1	Main switch kit	f. NZM3(-4), PN3(-4), N3(-4)	Moeller	NZM3-XHBR	=100/1.1	M10017494
=100-0Q1	1	Contact element 1S Front	M22-CK10	Moeller	M22-CK10	=100/1.1	M10016214
=100-0T01	1	Current transformer ac 40	800/5A	Langer Messtechnik GmbH	TAC 40 800/5A	=100/1.1	M0000010
=100-0F00	1	NEOZED FUSE BASE, 3-POL,	D01, 16A, E14,W.INSULATING COVER	Siemens	5SG5330	=100/1.2	5SG5330
=100-0F00	2	NEOZED Screw cap Plastic	D01,16A, E14,W.TEST HOLE	Siemens	5SH4116	=100/1.2	M10025566
=100-0F00	2	FUSE LINK D01, 2A NEOZED	400VAC/250VDC, gL-gG	Lindner	1700.002	=100/1.2	M10006604
=100-0F00	2	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 2A	Base d01	Lindner	1705.002	=100/1.2	M10021286
=100-PE	2	Busbar holder	1pol	Rittal GmbH & Co. KG	SV 9340.030	=100/1.2	2475716
=100-0F01	1	RESIDUAL CURRENT DEVICE	2NO, 500V, 16A	Doepke	MFR	=100/1.3	M10016345
=100-0F09	1	NEOZED Screw cap Plastic	D01,16A, E14,W.TEST HOLE	Siemens	5SH4116	=100/1.4	M10025566
=100-0F09	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 2A	Base d01	Lindner	1705.002	=100/1.4	M10021286
=100-0F09	1	FUSE LINK D01, 2A NEOZED	400VAC/250VDC, gL-gG	Lindner	1700.002	=100/1.4	M10006604
=100-P5	1	Operating hour meter 230v ac		ABB AG	E233-230	=100/1.4	M10011840
=100-0F06	1	NEOZED FUSE BASE, 1-POL,	D01, 16A, E14,W.INSULATING COVER	Siemens	5SG1330	=100/3.1	M10011894
=100-0F06	1	NEOZED Screw cap Plastic	D01,16A, E14,W.TEST HOLE	Siemens	5SH4116	=100/3.1	M10025566
=100-0F06	1	FUSE LINK D01, 6A NEOZED	400VAC/250VDC, gL-gG	Lindner	1700.006	=100/3.1	M10004051
=100-0F06	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 6A	Base d01	Lindner	1705.006	=100/3.1	M10021288
=100-0F07	1	NEOZED FUSE BASE, 1-POL,	D01, 16A, E14,W.INSULATING COVER	Siemens	5SG1330	=100/3.3	M10011894
=100-0F07	1	NEOZED Screw cap Plastic	D01,16A, E14,W.TEST HOLE	Siemens	5SH4116	=100/3.3	M10025566
=100-0F07	1	FUSE LINK D01, 6A NEOZED	400VAC/250VDC, gL-gG	Lindner	1700.006	=100/3.3	M10004051
=100-0F07	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 6A	Base d01	Lindner	1705.006	=100/3.3	M10021288
=100-0F08	1	NEOZED FUSE BASE, 1-POL,	D01, 16A, E14,W.INSULATING COVER	Siemens	5SG1330	=100/3.5	M10011894
=100-0F08	1	NEOZED Screw cap Plastic	D01,16A, E14,W.TEST HOLE	Siemens	5SH4116	=100/3.5	M10025566
=100-0F08	1	FUSE LINK D01, 6A NEOZED	400VAC/250VDC, gL-gG	Lindner	1700.006	=100/3.5	M10004051
=100-0F08	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 6A	Base d01	Lindner	1705.006	=100/3.5	M10021288
=100-SX	1	Handle 2 switch positions,	locking, black, 1no	Siemens	3SB32 02-2KA11-0CC0	=100/3.7	M10021302
=100-SX	1	Protecting cap	for Handle	Siemens	3SB39 21-0BA	=100/3.7	M10017531

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

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-SX	1	Tag holder	Siemens	3SB39 25-0AV	=100/3.7	M10017535
=100-KX	1	Plug-in base w. relay	Wago GmbH & Co. KG	788-312	=100/3.7	M10019133 + M10019138
=100-0F03	1	NEOZED FUSE BASE, 3-POL,	Siemens	5SG5730	=100/4.1	5SG5730
=100-0F03	3	NEOZED Screw cap Plastic	Siemens	5SH4163	=100/4.1	2302901
=100-0F03	3	FUSE LINK 35A NEOZED	Lindner	1701.035	=100/4.1	M10006607
=100-0F03	3	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 35A	Lindner	1706.035	=100/4.1	M10021297
=100-0F04	1	RESIDUAL CURRENT DEVICE	Legrand	DX 40A 40/0,03	=100/4.1	M10025396
=100-0X4	1	Assembly socket	Hilpress GmbH	56024	=100/4.1	2454422
=100-0F05	1	NEOZED FUSE BASE, 1-POL,	Siemens	5SG1330	=100/4.3	M10011894
=100-0F05	1	NEOZED Screw cap Plastic	Siemens	5SH4116	=100/4.3	M10025566
=100-0F05	1	FUSE LINK D01, 16A NEOZED	Lindner	1700.016	=100/4.3	M10006605
=100-0X5	1	Assembly socket	Hilpress GmbH	56090	=100/4.3	M10009114
=100-0F0	1	NH-Fuse-switch-disconnector Gr.00	Rittal GmbH & Co. KG	SV 9343.010	=100/5.1	M10021186
=100-0F0	3	NH-Fuse link Gr.000 100A	Siemens	3NA7 830	=100/5.1	M10006609
=100-0X1	1	Socket ad385x5s	ELSPRO GmbH	AD385X5S	=100/5.1	M10011844
=100-0F1	1	SV Fuse element 60 mm	Rittal GmbH & Co. KG	SV 3418.010	=100/5.4	2490062
=100-0F1	1	Contact-voltage proof covering	Rittal GmbH & Co. KG	SV 3418.020	=100/5.4	2490063
=100-0F1	2	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 10A	Lindner	1706.01	=100/5.4	M10021293
=100-0F1	2	FUSE LINK D01, 10A NEOZED	Lindner	1700.01	=100/5.4	M10004052
=100-0F1	3	NEOZED Screw cap Plastic	Siemens	5SH4163	=100/5.4	2302901
=100-0F1	2	NEOZED Locking spring 2 - 16 A	Lindner	1713.	=100/5.4	M10018518
=100-0T1	1	Transformer 1-phase 500va	Block GmbH & Co.KG	ST 500/4/23	=100/5.4	M00000014
=100-0F1.3	1	Automatic circuit breaker one-pole type c	Siemens	5SY6 102-7	=100/5.4	M10019972
=100-0F1.3	1	Auxiliary switch 1no 1nc	Siemens	5ST3 010	=100/5.4	M10019130
=100-0F02	1	SV Fuse element 60 mm	Rittal GmbH & Co. KG	SV 3418.010	=100/5.7	2490062
=100-0F02	1	Contact-voltage proof covering	Rittal GmbH & Co. KG	SV 3418.020	=100/5.7	2490063
=100-0F02	2	FUSE LINK D01, 2A NEOZED	Lindner	1700.002	=100/5.7	M10006604
=100-0F02	2	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 2A	Lindner	1706.002	=100/5.7	M10021290
=100-0F02	2	NEOZED Screw cap Plastic	Siemens	5SH4163	=100/5.7	2302901
=100-0F02	2	NEOZED Locking spring 2 - 16 A	Lindner	1713.	=100/5.7	M10018518
=100-0P2	1	Voltmeter 500v	Langer Messtechnik GmbH	RQ 72 E 500V	=100/5.7	M10006617
=100-0S00	1	Mushroom push button red,	Siemens	3SB32 01-1HA20-0CC0	=100/6.6	M10015479
=100-0S00	2	Switching element 1nc	Siemens	3SB34 03-0C	=100/6.6	M10017539
=100-0S00	1	Protecting cap	Siemens	3SB19 02-2BH	=100/6.6	M10017532
=100-0S00	1	Tag holder	Moeller	M22-XAK1	=100/6.6	2454464
=100+S-XSBT1	1	Socket insert 10-pol +PE	ILME GmbH	CSEF 10	=100/6.7	2302895
=100+S-XSBT1	1	Add-on housing	ILME GmbH	CHI 10	=100/6.7	2332565
=100+S-XSBT2	1	Plug housing M20 red	ILME GmbH	MHOR 10.20	=100/6.7	2332604
=100+S-XSBT2	1	Pin insert 10-pol +PE	ILME GmbH	CSEM 10	=100/6.7	2302911
=100+S-XSBT2.	1	Plug housing M20	ILME GmbH	MHO 10.20	=100/6.7	2302913
=100+S-XSBT2.	1	Pin insert 10-pol +PE	ILME GmbH	CSEM 10	=100/6.7	2302911
=100+S-XSBT2.	1	Add-on housing	ILME GmbH	CHI 10	=100/6.7	2332565
=100-KN1	1	Auxiliary relay sirius	Siemens	3RH2122-2BB40	=100/6.1.2	2256202
=100-KN2	1	Auxiliary relay sirius	Siemens	3RH2122-2BB40	=100/6.1.2	2256202
=100-D1	1	Pnoz s4 safety relay4	Pilz GmbH & Co.	PNOZ S4_24	=100/6.1.3	M10020898
=100-D2	1	Pnoz s4 safety relay5	Pilz GmbH & Co.	PNOZ S5_24	=100/6.1.7	M10020897
=100-0F2	1	NEOZED FUSE BASE, 1-POL,	Siemens	5SG1330	=100/7.1	M10011894
=100-0F2	1	NEOZED Screw cap Plastic	Siemens	5SH4116	=100/7.1	M10025566
=100-0F2	1	FUSE LINK D01, 6A NEOZED	Lindner	1700.006	=100/7.1	M10004051
=100-0F2	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 6A	Lindner	1705.006	=100/7.1	M10021288

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-0F3	1	Automatic circuit breaker one-pole type c	Siemens	5SY6 106-7	=100/7.3	M10019164
=100-0F3	1	Auxiliary switch 1no 1nc	Siemens	5ST3 010	=100/7.3	M10019130
=100-0S1	1	Key-operated switch, o-i ronis	Siemens	3SB32 02-4AD11-0CC0	=100/7.3	M10021350
=100-0S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/7.3	M10017535
=100-0K1	1	Contact, 4kw/400V	Siemens	3RT2016-2BB41	=100/7.3	2256186
=100-GF2	1	NEOZED FUSE BASE, 1-POL,	Siemens	5SG1330	=100/7.5	M10011894
=100-GF2	1	NEOZED Screw cap Plastic	Siemens	5SH4116	=100/7.5	M10025566
=100-GF2	1	FUSE LINK D01, 10A NEOZED	Lindner	1700.01	=100/7.5	M10004052
=100-GF2	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 10A	Lindner	1705.01	=100/7.5	M10021289
=100-0F4	1	NEOZED FUSE BASE, 1-POL,	Siemens	5SG1330	=100/7.6	M10011894
=100-0F4	1	NEOZED Screw cap Plastic	Siemens	5SH4116	=100/7.6	M10025566
=100-0F4	1	FUSE LINK D01, 2A NEOZED	Lindner	1700.002	=100/7.6	M10006604
=100-0F4	1	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 2A	Lindner	1705.002	=100/7.6	M10021286
=100+M-00H2	1	Siren 24v dc, 0,5a	Funke+Huster GmbH	KS 24	=100/7.6	M10011815
=100+M-00H3	1	Flash light AC/DC 24V	Telemecanique	XVB L6B5AB	=100/7.8	M10011814
=100-1T1	1	Current transformer ac 32	Langer Messtechnik GmbH	TAC 32 500/5A	=100/8.1	M00000009
=100-1T2	1	Current transformer ac 32	Langer Messtechnik GmbH	TAC 32 500/5A	=100/8.1	M00000009
=100-1T3	1	Current transformer ac 32	Langer Messtechnik GmbH	TAC 32 500/5A	=100/8.1	M00000009
=100-1P1	1	Ammeter 500/1000/5a	Langer Messtechnik GmbH	RQ 72 E 500/1000/5A	=100/8.2	M10011872
=100-1K01	1	Monitoring relay	Siemens	3UG46 22-2AW30	=100/8.3	M10014275
=100-1F1	1	Monitoring relay 1,6-16A,	Siemens	3RR2241-2FW30	=100/8.3	2374312
=100-1F1	1	Bearer for Stand-alone installation	Siemens	3RU2916-3AC01	=100/8.3	2374313
=100-1KC1	1	Motor contactor, 90kw/400v	Siemens	3RT10 56-6AP36	=100/9.1	M10016346
=100-1KT1	1	Time-delay relay 24v dc/ac,200...240v ac	Siemens	3RP15 76-2NP30	=100/9.3	M10013725
=100-1KC2	1	Motor contactor, 90kw/400v	Siemens	3RT10 56-6AP36	=100/9.4	M10016346
=100-1KC3	1	Motor contactor, 75kw/400v	Siemens	3RT10 55-6AP36	=100/9.6	3RT10 55-6AP36
=100-1KC3	1	Parallel connection	Siemens	3RT19 56-4BA31	=100/9.6	3RT19 56-4BA31
=100-2Q1	1	Circuit breaker 3,5-5a	Siemens	3RV2011-1FA15	=100/10.1	2255701
=100-2Q1	1	OM Adaptor	Rittal GmbH & Co. KG	SV 9340.310	=100/10.1	2196710
=100-2Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	SV 9342.850	=100/10.1	2196728
=100-2F1	1	SV Fuse element 60 mm	Rittal GmbH & Co. KG	SV 3418.010	=100/10.4	2490062
=100-2F1	1	Contact-voltage proof covering	Rittal GmbH & Co. KG	SV 3418.020	=100/10.4	2490063
=100-2F1	3	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 25A	Lindner	1706.025	=100/10.4	M10021296
=100-2F1	3	FUSE LINK 25A NEOZED	Lindner	1701.025	=100/10.4	M10006606
=100-2F1	3	NEOZED Screw cap Plastic	Siemens	5SH4163	=100/10.4	2302901
=100-3Q1	1	Circuit breaker 11-16a	Siemens	3RV2011-4AA15	=100/10.7	2255713
=100-3Q1	1	OM Adaptor	Rittal GmbH & Co. KG	SV 9340.310	=100/10.7	2196710
=100-3Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	SV 9342.850	=100/10.7	2196728
=100-3X1	1	Assembly socket	Hilpress GmbH	56022	=100/10.7	2454465
=100-4Q1	1	Power switch 27-32A	Siemens	3RV2021-4EA15	=100/11.1	2303086
=100-4Q1	1	OM Adaptor	Rittal GmbH & Co. KG	SV 9340.460	=100/11.1	2196715
=100-4Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	SV 9342.850	=100/11.1	2196728
=100-4F1	1	Monitoring relay 4-40A,	Siemens	3RR2242-2FW30	=100/11.2	2305008
=100-4F1	1	Bearer for Stand-alone installation	Siemens	3RU2926-3AC01	=100/11.2	2305012
=100-5Q1	1	Circuit breaker 7-10a	Siemens	3RV2011-1JA15	=100/11.4	2255708
=100-5Q1	1	OM Adaptor	Rittal GmbH & Co. KG	SV 9340.310	=100/11.4	2196710
=100-5Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	SV 9342.850	=100/11.4	2196728
=100-5F1	1	Monitoring relay 1,6-16A,	Siemens	3RR2241-2FW30	=100/11.5	2374312
=100-5F1	1	Bearer for Stand-alone installation	Siemens	3RU2916-3AC01	=100/11.5	2374313
=100-5Q2	1	Circuit breaker 7-10a	Siemens	3RV2011-1JA15	=100/11.7	2255708

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-5Q2	1	OM Adaptor	25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/11.7 2196710
=100-5Q2	1	Mounting rail 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/11.7 2196728
=100-5F2	1	Monitoring relay 1,6-16A,	1W, 24-240V AC/DC	Siemens	3RR2241-2FW30	=100/11.7 2374312
=100-5F2	1	Bearer for Stand-alone installation	f. 3RU21/3RB30/3RB31 Gr. S00	Siemens	3RU2916-3AC01	=100/11.7 2374313
=100-6Q1	1	Circuit breaker 9-12,5a	with auxiliary switch,for motor protecting	Siemens	3RV2011-1KA15	=100/12.1 2255711
=100-6Q1	1	OM Adaptor	25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/12.1 2196710
=100-6Q1	1	Mounting rail 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/12.1 2196728
=100-7F1	1	SV Fuse element 60 mm	Typ d 02-e 18	Rittal GmbH & Co. KG	SV 3418.010	=100/12.4 2490062
=100-7F1	1	Contact-voltage proof covering	Typ d 02-e 18	Rittal GmbH & Co. KG	SV 3418.020	=100/12.4 2490063
=100-7F1	3	Fuse link 63a	D02, 400VAC/250VDC, GL-GG	Lindner	1701.063	=100/12.4 M10009493
=100-7F1	3	NEOZED Screw cap Plastic	D02, 63A, E18,W.TEST HOLE	Siemens	5SH4163	=100/12.4 2302901
=100-7F2	1	Monitoring relay 4-40A,	1W, 24-240V AC/DC	Siemens	3RR2242-2FW30	=100/12.4 2305008
=100-7F2	1	Bearer for Stand-alone installation	f. 3RU21/3RB30/3RB31 Gr. S0	Siemens	3RU2926-3AC01	=100/12.4 2305012
=100-9Q1	1	Circuit breaker 7-10a	with auxiliary switch,for motor protecting	Siemens	3RV2011-1JA15	=100/13.1 2255708
=100-9Q1	1	OM Adaptor	25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/13.1 2196710
=100-9Q1	1	Mounting rail 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/13.1 2196728
=100-10Q1	1	Circuit breaker 4,5-6,3a	with auxiliary switch,for motor protecting	Siemens	3RV2011-1GA15	=100/13.4 2255703
=100-10Q1	1	OM Adaptor	32A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.510	=100/13.4 M10025431
=100-10Q1	1	Mounting rail 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/13.4 2196728
=100-13Q1	1	Power switch 0,18-0,25A	with auxiliary switch,for motor protecting	Siemens	3RV2011-OCA15	=100/13.7 2416474
=100-13Q1	1	OM Adaptor	25A,690V, UL 508	Rittal GmbH & Co. KG	SV 9340.310	=100/13.7 2196710
=100-13Q1	1	Mounting rail 45mm		Rittal GmbH & Co. KG	SV 9342.850	=100/13.7 2196728
=100-8Q1	1	Control switch 4-pol	12kw 400V 32A	Moeller	T3-4-8223/E	=100/14.1 M10013874
=100-8A1	1	Frequency converter	380-480V, 25/29A, 50-60Hz, 11/15kw	Control Techniques	SK 2403	=100/14.2 M20000268
=100-8F1	1	SV Fuse element 60 mm	Typ d 02-e 18	Rittal GmbH & Co. KG	SV 3418.010	=100/14.2 2490062
=100-8F1	1	Contact-voltage proof covering	Typ d 02-e 18	Rittal GmbH & Co. KG	SV 3418.020	=100/14.2 2490063
=100-8F1	3	SLEEVE-TYPE GAUGE RING OF THE FUSE NEOZED 35A	Base d02	Lindner	1706.035	=100/14.2 M10021297
=100-8F1	3	FUSE LINK 35A NEOZED	D02, 400VAC/250VDC, GL-GG	Lindner	1701.035	=100/14.2 M10006607
=100-8F1	3	NEOZED Screw cap Plastic	D02, 63A, E18,W.TEST HOLE	Siemens	5SH4163	=100/14.2 2302901
=100-8L1	1	Line reactor	28,8A, max.600V 50-60Hz	Control Techniques	KDD 0,4/N/600V/28,8A/4UK	=100/14.2 2372472
=100-8F2	1	Overload relay 7-10a, 1no+1nc	f.individual assembly	Siemens	3RU2116-1JC1	=100/14.2 2255404
=100-8F3	1	Overload relay 7-10a, 1no+1nc	f.individual assembly	Siemens	3RU2116-1JC1	=100/14.4 2255404
=100-8RB	1	Frame resistance SP	100W 400V 37,5 Ohm	Control Techniques	SP	=100/14.7 M10020877
=100-A0_OP	1	Operator panel	256kB user memory, 24V DC	VIPA GmbH	OP 03 603-1OP00	=100/17.2 M10019119
=100-A0_CPU	1	PLC-CPU WITH MPI	256 Counter, 96kbyte RAM	VIPA GmbH	VIPA 214-1BA03	=100/17.2 2302910
=100-A0_CPU	1	Bus connector 8-fold		VIPA GmbH	290-0AA80	=100/17.2 M10021063
=100-A0_CPU	1	Bus connector 2-fold		VIPA GmbH	290-0AA20	=100/17.2 290-0AA20
=100-A0_2	1	In-/output module sm 238	12DI+4DIO,3AI+1P1100,2AO,24V DC	VIPA GmbH	SM 238-2BC00	=100/17.2 M10020887
=100-A0_3	1	Digital output module sm 222	16DO, 24V DC, 1A	VIPA GmbH	SM 222-1BH10	=100/17.4 M10021058
=100-A0_4	1	Digital input module sm 221	32DI, 24VDC	VIPA GmbH	SM 221-2BL10	=100/17.4 M10021059
=100-A0_5	1	Digital input module sm 221	32DI, 24VDC	VIPA GmbH	SM 221-2BL10	=100/17.5 M10021059
=100-A0_6	1	Digital output module sm 222	32DO, 24V DC, 1A	VIPA GmbH	SM 222-2BL10	=100/17.6 M10021060
=100-1K1	1	Plug-in base w. relay	2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/22.1 M10019133 + M10019138
=100-1K08	1	Contact, 3kw/400V	3H 1S 24V DC, Cage-Clamp	Siemens	3RT2015-2BB41	=100/22.5 2256180
=100-00K2	1	Plug-in base w. relay	2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/22.6 M10019133 + M10019138
=100-00K3	1	Plug-in base w. relay	2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/22.7 M10019133 + M10019138
=100-0H2	1	Signal lamp white, with smooth lens	LED INTEGRATED, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/23.2 2302899
=100-0H2	1	Tag holder		Siemens	3SB39 25-0AV	=100/23.2 M10017535
=100-0H2.1	1	Signal lamp white, with smooth lens	LED INTEGRATED, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/23.3 2302899
=100-0H2.1	1	Tag holder		Siemens	3SB39 25-0AV	=100/23.3 M10017535

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100-S0.0	1	Illuminated push button white, led integrated	Siemens	3SB32 45-0AA61-0CC0	=100/24.1	2219470
=100-S0.0	1	Protecting cap	Siemens	3SB39 21-0AH	=100/24.1	M10017533
=100-S0.0	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.1	M10017535
=100-S0.1	1	Push button black	Siemens	3SB32 03-0AA11-0CC0	=100/24.2	3SB32 03-0AA11-0CC0
=100-S0.1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/24.2	M10017533
=100-S0.1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.2	M10017535
=100-S0.2	1	Handle 2 switch positions,	Siemens	3SB32 02-2KA11-0CC0	=100/24.3	M10021302
=100-S0.2	1	Protecting cap	Siemens	3SB39 21-0BA	=100/24.3	M10017531
=100-S0.2	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.3	M10017535
=100-S0.3	1	Push button blue	Siemens	3SB32 02-0AA51-0CC0	=100/24.4	2416482
=100-S0.3	1	Protecting cap	Siemens	3SB39 21-0AH	=100/24.4	M10017533
=100-S0.3	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.4	M10017535
=100-S0.4	1	Illuminated push button red, led integrated	Siemens	3SB32 46-0AA21-0CC0	=100/24.5	2219472
=100-S0.4	2	Switching element w.1 switch member 1no	Siemens	3SB34 03-0B	=100/24.5	M10017540
=100-S0.4	1	Protecting cap	Siemens	3SB39 21-0AH	=100/24.5	M10017533
=100-S0.4	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.5	M10017535
=100-2S2	1	Handle 3 switch positions,	Siemens	3SB32 10-2DA11-0CC0	=100/24.6	3SB32 10-2DA11-0CC0
=100-2S2	1	Switching element 1nc	Siemens	3SB34 03-0C	=100/24.6	M10017539
=100-2S2	1	Protecting cap	Siemens	3SB39 21-0BA	=100/24.6	M10017531
=100-2S2	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.6	M10017535
=100-2S1	1	Illuminated push button green, led integrated	Siemens	3SB32 45-0AA41-0CC0	=100/24.7	M10020706
=100-2S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/24.7	M10017533
=100-2S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.7	M10017535
=100-3S1	1	Illuminated push button green, led integrated	Siemens	3SB32 45-0AA41-0CC0	=100/24.8	M10020706
=100-3S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/24.8	M10017533
=100-3S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.8	M10017535
=100-4S1	1	Illuminated push button green, led integrated	Siemens	3SB32 45-0AA41-0CC0	=100/25.1	M10020706
=100-4S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.1	M10017533
=100-4S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.1	M10017535
=100-5S1	1	Illuminated push button green, led integrated	Siemens	3SB32 45-0AA41-0CC0	=100/25.2	M10020706
=100-5S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.2	M10017533
=100-5S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.2	M10017535
=100-6S1	1	Illuminated push button green, led integrated	Siemens	3SB32 45-0AA41-0CC0	=100/25.3	M10020706
=100-6S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.3	M10017533
=100-6S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.3	M10017535
=100-7S1	1	Illuminated push button green, led integrated	Siemens	3SB32 45-0AA41-0CC0	=100/25.4	M10020706
=100-7S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.4	M10017533
=100-7S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.4	M10017535
=100-8S1	1	Illuminated push button green, led integrated	Siemens	3SB32 45-0AA41-0CC0	=100/25.5	M10020706
=100-8S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.5	M10017533
=100-8S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.5	M10017535
=100-10S1	1	Illuminated push button green, led integrated	Siemens	3SB32 45-0AA41-0CC0	=100/25.7	M10020706
=100-10S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.7	M10017533
=100-10S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.7	M10017535
=100-9S1	1	Illuminated push button green, led integrated	Siemens	3SB32 45-0AA41-0CC0	=100/26.4	M10020706
=100-9S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/26.4	M10017533
=100-9S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/26.4	M10017535
=100-S5.2	1	Illuminated push button yellow,led integrated	Siemens	3SB32 45-0AA31-0CC0	=100/29.3	2302897
=100-S5.2	1	Protecting cap	Siemens	3SB39 21-0AH	=100/29.3	M10017533
=100-S5.2	1	Tag holder	Siemens	3SB39 25-0AV	=100/29.3	M10017535

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# Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	part number
=100+-8S	1	Handle 3 switch positions, black, 1nc, 1nc	Siemens	3SB32 10-2EA11-0CC0	=100/29.7	M10021301
=100+-8S	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/29.7	M10017531
=100+-8S	1	Tag holder	Siemens	3SB39 25-0AV	=100/29.7	M10017535
=100-7KC1	1	Contacteur 15kw/400V 3H 1S+1NC, 24V DC, without Varistor,	Siemens	3RT2027-2BB40	=100/32.1	2268888
=100-8KC1	1	Contacteur 15kw/400V 3H 1S+1NC, 24V DC, without Varistor,	Siemens	3RT2027-2BB40	=100/32.2	2268888
=100-9KC1	1	Contacteur, 5,5kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2017-2BB41	=100/32.3	2256190
=100-10KC1	1	Contacteur, 3kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2015-2BB41	=100/32.4	2256180
=100-K8.4	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/32.5	M10019133 + M10019138
=100-K8.6	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/32.7	M10019133 + M10019138
=100-K8.7	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/32.8	M10019133 + M10019138
=100-8K2	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/33.2	M10019133 + M10019138
=100-0H6	1	Signal lamp blue, with smooth lens LED INTEGRATED, 24V	Siemens	3SB32 44-6AA50-0CC0	=100/33.8	2302898
=100-0H6	1	Tag holder	Siemens	3SB39 25-0AV	=100/33.8	M10017535
=100-2KC1	1	Contacteur, 3kw/400V 3H 1NC 24V DC, Cage-Clamp	Siemens	3RT2015-2BB42	=100/34.1	2256178
=100-2KC2	1	Contacteur, 3kw/400V 3H 1NC 24V DC, Cage-Clamp	Siemens	3RT2015-2BB42	=100/34.2	2256178
=100-3KC1	1	Contacteur, 5,5kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2017-2BB41	=100/34.3	2256190
=100-2KC3	1	Motor contacteur, 7,5kw/400v 4H 1S+1NC 24V DC, Spring clamp	Siemens	3RT2326-2BB40	=100/34.4	2416802
=100-4KC1	1	Contacteur 15kw/400V 3H 1S+1NC, 24V DC, without Varistor,	Siemens	3RT2027-2BB40	=100/34.5	2268888
=100-5KC1	1	Contacteur, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2016-2BB41	=100/34.6	2256186
=100-5KC2	1	Contacteur, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2016-2BB41	=100/34.7	2256186
=100-6KC1	1	Contacteur, 5,5kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	3RT2017-2BB41	=100/34.8	2256190
=100-LS1	1	Handle 2 switch positions, locking, black, 1no	Siemens	3SB32 02-2KA11-0CC0	=100/36.1	M10021302
=100-LS1	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/36.1	M10017531
=100-LS1	1	Tag holder	Siemens	3SB39 25-0AV	=100/36.1	M10017535
=100-LS1	1	Base for relay lzx:mt32...	Siemens	LZX:MT78750	=100/36.2	M10010285
=100-GA1	1	Key-operated device	ehb-electronics GmbH	MC704-LC	=100/37.0	2461886
=100-GF1	1	2-lead-fuse clip, gray 8mm wide, Cage Clamp	Wago GmbH & Co. KG	282-696	=100/37.0	M10015067
=100-GF1	1	Cover and distance plate, orange 2mm thick	Wago GmbH & Co. KG	282-333	=100/37.0	M10015068
=100-GK1	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/37.1	M10019133 + M10019138
=100-GK6	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/37.3	M10019133 + M10019138
=100-GK9	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/37.6	M10019133 + M10019138
=100-GK9.1	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/37.7	M10019133 + M10019138
=100-GK26	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/38.2	M10019133 + M10019138
=100-GKT1	1	Time-delay relay with led 1 changeover contact, Cage Clamp	Siemens	3RP15 25-2AP30	=100/38.3	M10014285
=100-GP1	1	Oil-pressure indicator electrical, round 0-10bar	Motometer	644 060 1026	=100/40.1	M10014439
=100-GP2	1	Temperature indicator, round 40-120°C	Motometer	641 012 1060	=100/40.2	M10014440
=100-GP3	1	Fuel level electric, round d=64 mm	Motometer	609 060 1039	=100/40.4	M10019161
=100-GKT2	1	Time-delay relay with led 1 changeover contact, Cage Clamp	Siemens	3RP15 25-2AP30	=100/40.6	M10014285
=100-SN0	1	Handle 2 switch positions, locking, black, 1no	Siemens	3SB32 02-2KA11-0CC0	=100/41.1	M10021302
=100-SN0	2	Switching element 1no 1nc 1S + 1NC	Siemens	3SB34 03-0A	=100/41.1	M10014283
=100-SN0	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/41.1	M10017531
=100-SN0	1	Tag holder	Siemens	3SB39 25-0AV	=100/41.1	M10017535
=100-KGA1	1	Auxiliary relay sirius 2NO+2NC 24VDC, Cage Clamp	Siemens	3RH2122-2BB40	=100/41.2	2256202
=100-KGA2	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/41.2	M10019133 + M10019138
=100-KGA3	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/41.3	M10019133 + M10019138
=100-8K04	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/41.4	M10019133 + M10019138
=100-8K03	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	788-312	=100/41.4	M10019133 + M10019138

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