



ELECTRO - DOCUMENTATION

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

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

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

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

Neue Bestellnummer
New order number
2507980_00

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			DATE	10.Dez.2012	KLEEMANN GMBH	 	DECKBLATT/ COVER SHEET	KLEEMANN SERIES	K007	= A0	+
			EDITED	JHE				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 1
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN			REP.F.	REP.T.		PG. 19
			CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z US						

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EDITED		JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 2	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 19		

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EDITED		JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 3	
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KAB		1	KABELUEBERSICHT/ CABLE SURVEY		24.Sep.2012	JHE
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KAB		35	-11W6		24.Sep.2012	JHE
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DATE		04.Dez.2015		KLEEMANN GMBH		 	KLEEMANN SERIES		K007		= A0		+	
EDITED		JBR		MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 5	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 19		

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KAB		51	-37W2		24.Sep.2012	JHE
KAB		52	-41W1		24.Sep.2012	JHE
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STK		1	STUECKLISTE		04.Dez.2015	JHE
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STK		4	STUECKLISTE		04.Dez.2015	JHE
STK		5	STUECKLISTE		04.Dez.2015	JHE
STK		6	STUECKLISTE		04.Dez.2015	JHE
STK		7	PART'S LIST		04.Dez.2015	JHE
STK		8	PART'S LIST		04.Dez.2015	JHE
STK		9	PART'S LIST		04.Dez.2015	JHE
STK		10	PART'S LIST		04.Dez.2015	JHE
STK		11	PART'S LIST		04.Dez.2015	JHE
STK		12	PART'S LIST		04.Dez.2015	JHE

KLEMMLEISTENBEZEICHNUNG/ TERMINAL STRIP DESIGNATION

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

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

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

-X00 =KLEMMENLEISTE -X00/
TERMINAL STRIP -X00

-X0 =KLEMMENLEISTE -X0/
TERMINAL STRIP -X0

-X1 = KLEMMLEISTE -X1/
TERMINAL STRIP -X1

-X3 =KLEMMENLEISTE -X3/
TERMINAL STRIP -X3

-X5 = KLEMMLEISTE -X5/
TERMINAL STRIP -X5

-X6 = KLEMMLEISTE -X6/
TERMINAL STRIP -X6

-X8 = KLEMMENLEISTE -X8/
TERMINAL STRIP -X8

-X22 = KLEMMLEISTE -X22/
TERMINAL STRIP -X22

-XB = KLEMMENLEISTE -XB/
TERMINAL STRIP -XB

-XF = KLEMMLEISTE -XF/
TERMINAL STRIP -XF

-XG = KLEMMENLEISTE -XG/
TERMINAL STRIP -XG

-XK = KLEMMENLEISTE -XK/
TERMINAL STRIP -XK

-XLS = KLEMMLEISTE -XLS
TERMINAL STRIP -XLS

-XT = KLEMMLEISTE -XT/
TERMINAL STRIP -XT

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

STECKERBEZEICHNUNG/ PLUG DESIGNATION

-XOUT = STECKER -XOUT/
PLUG -XOUT

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

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

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

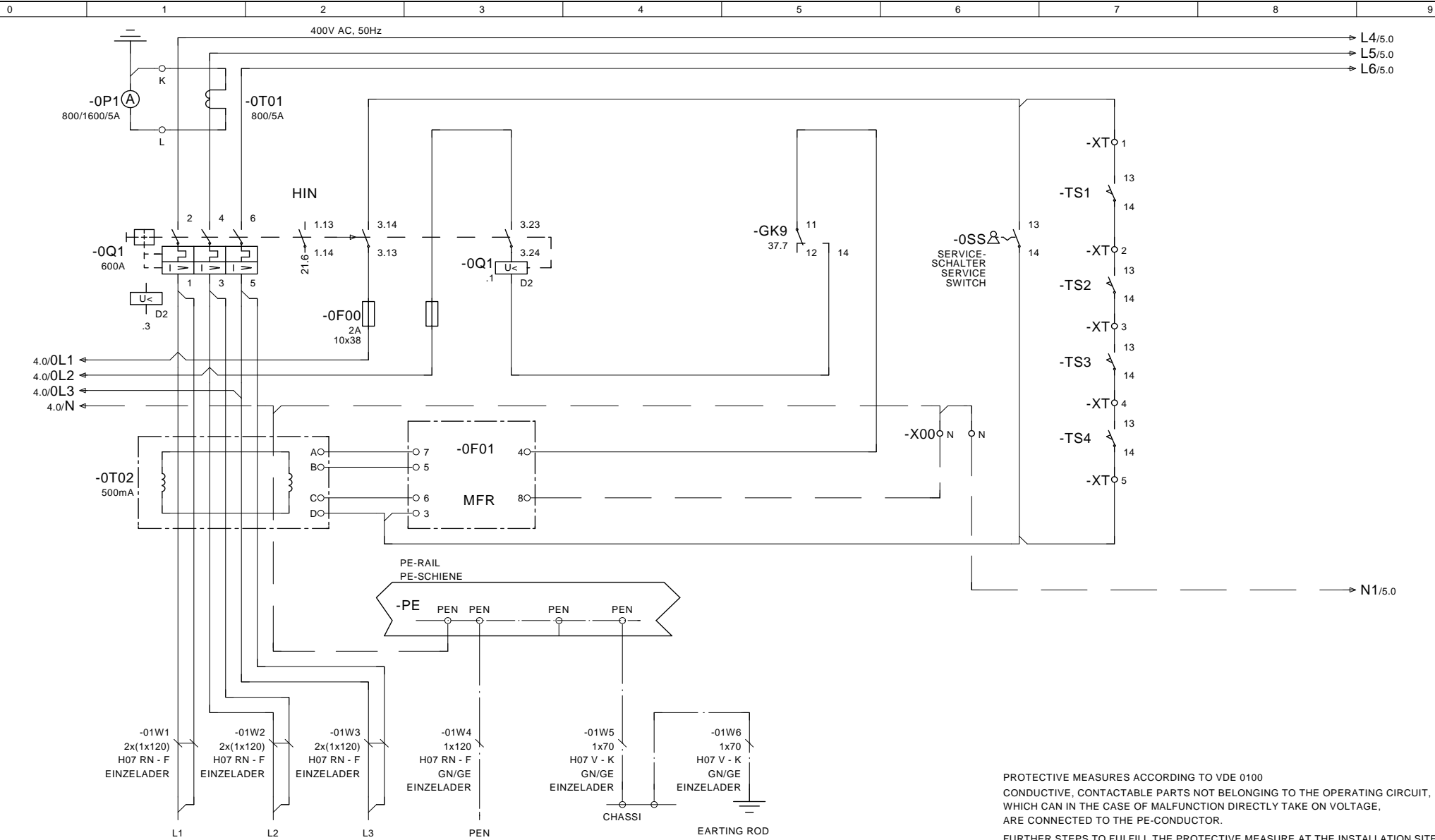
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PLUG +M-XF1

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

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

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

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



INCOMING SUPPLY 3X400V/PE/50Hz MAIN
BACK-UP FUSE 800A
POWER SUPPLY FROM SWITCH CUPBOARD
EINSPEISUNG 3X400V/PE/50Hz NETZ
VORSICHERUNG 800A
ENERGIEVERSORGUNG VON SCHALTSCHRANK

TOTAL FAULT
CURRENT PROTECTION
FI-SCHUTZ
GESAMT

PROTECTIVE MEASURES ACCORDING TO VDE 0100
CONDUCTIVE, CONTACTABLE PARTS NOT BELONGING TO THE OPERATING CIRCUIT,
WHICH CAN IN THE CASE OF MALFUNCTION DIRECTLY TAKE ON VOLTAGE,
ARE CONNECTED TO THE PE-CONDUCTOR.
FURTHER STEPS TO FULFILL THE PROTECTIVE MEASURE AT THE INSTALLATION SITE,
HAVE TO BE CARRIED OUT BY CUSTOMER

SCHUTZMASSNAHME NACH VDE 0100
NICHT ZUM BETRIEBSSTROMKREIS GEGHÖRENDE, LEITFAEHIGE BERUEHRBARE TEILE
DIE IM FEHLERFALL UNMITTELBAR SPANNUNG ANNEHMEN KOENNEN, SIND MIT DEM
PE-LEITER VERBUNDEN.
WEITERE MASSNAHMEN ZUR ERFUELLUNG DER SCHUTZMASSNAHME AM AUFSTELLUNGSORT
BAUSEITS DURCHFUEHREN

=A0/19

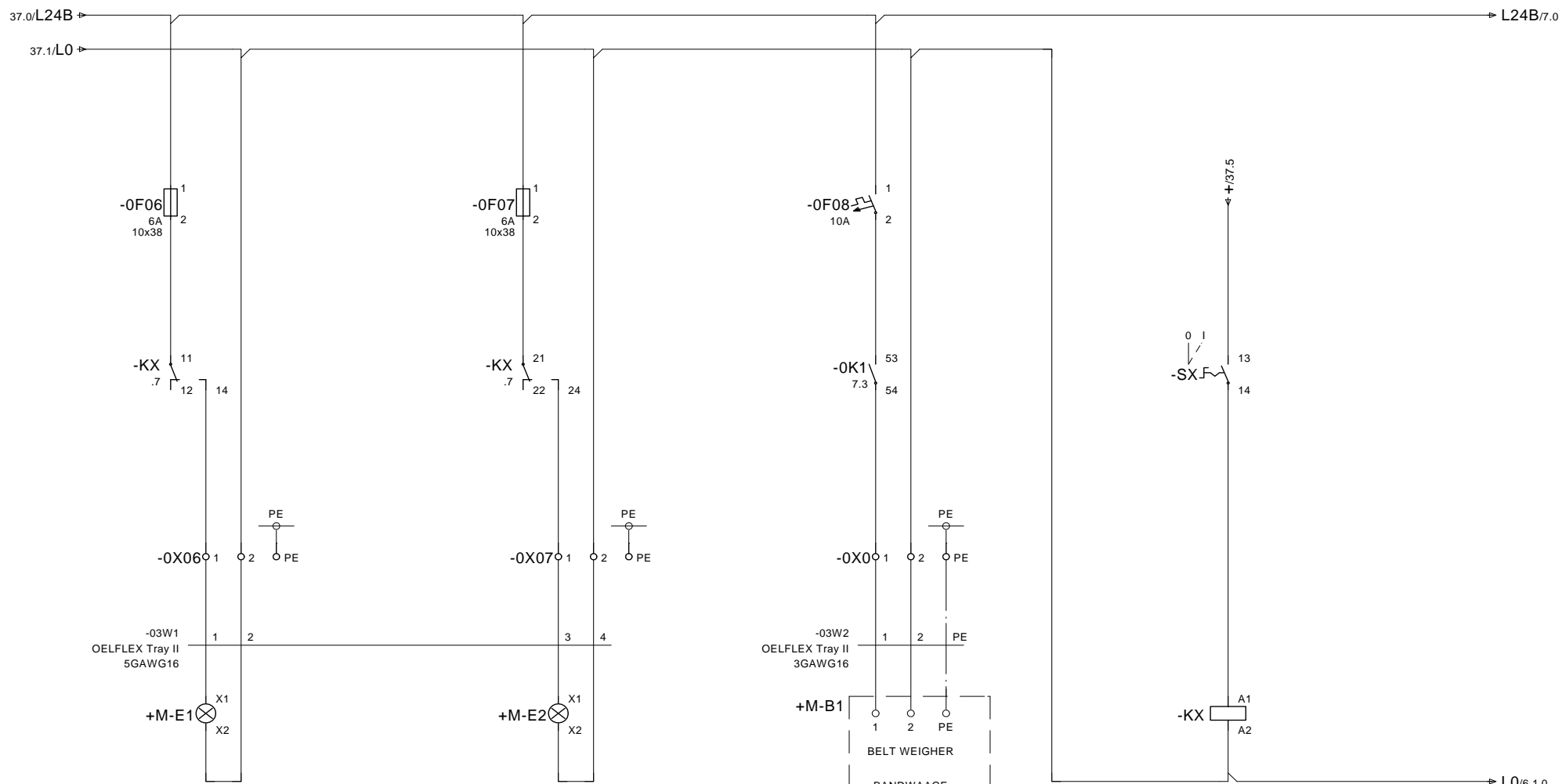
DATE	04.Dez.2015	KLEEMANN GMBH	WIRTGEN GROUP	Kleemann	EINSPEISUNG/ INCOMING SUPPLY	KLEEMANN SERIES	K007	= 100	+	
EDITED	JBR					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	1
CONTR.	D. MALLKOWSKY								PG.	41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			

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



ILLUMINATION 1
BELEUCHTUNG 1

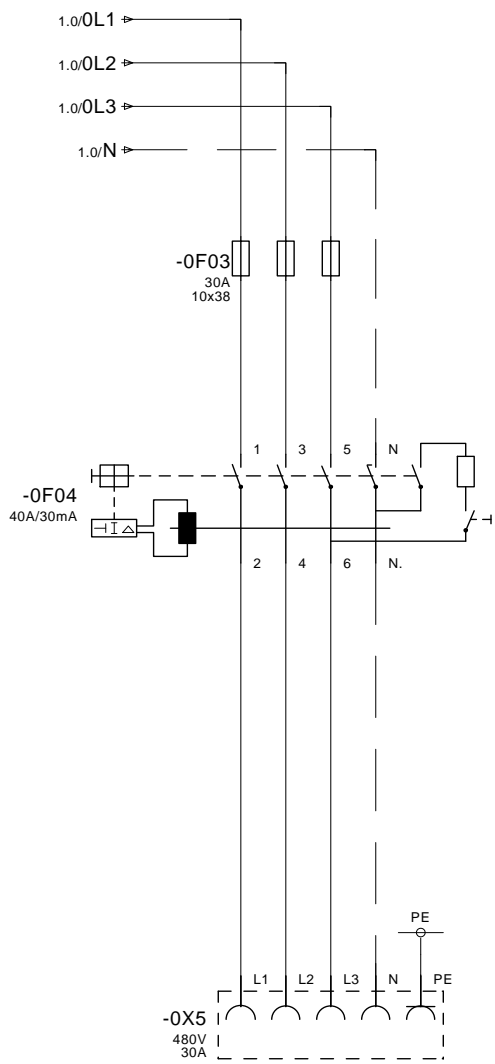
ILLUMINATION 2
BELEUCHTUNG 2

BELT WEIGHER
BANDWAAGE

WAGO 788-312
14
11
24
21

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

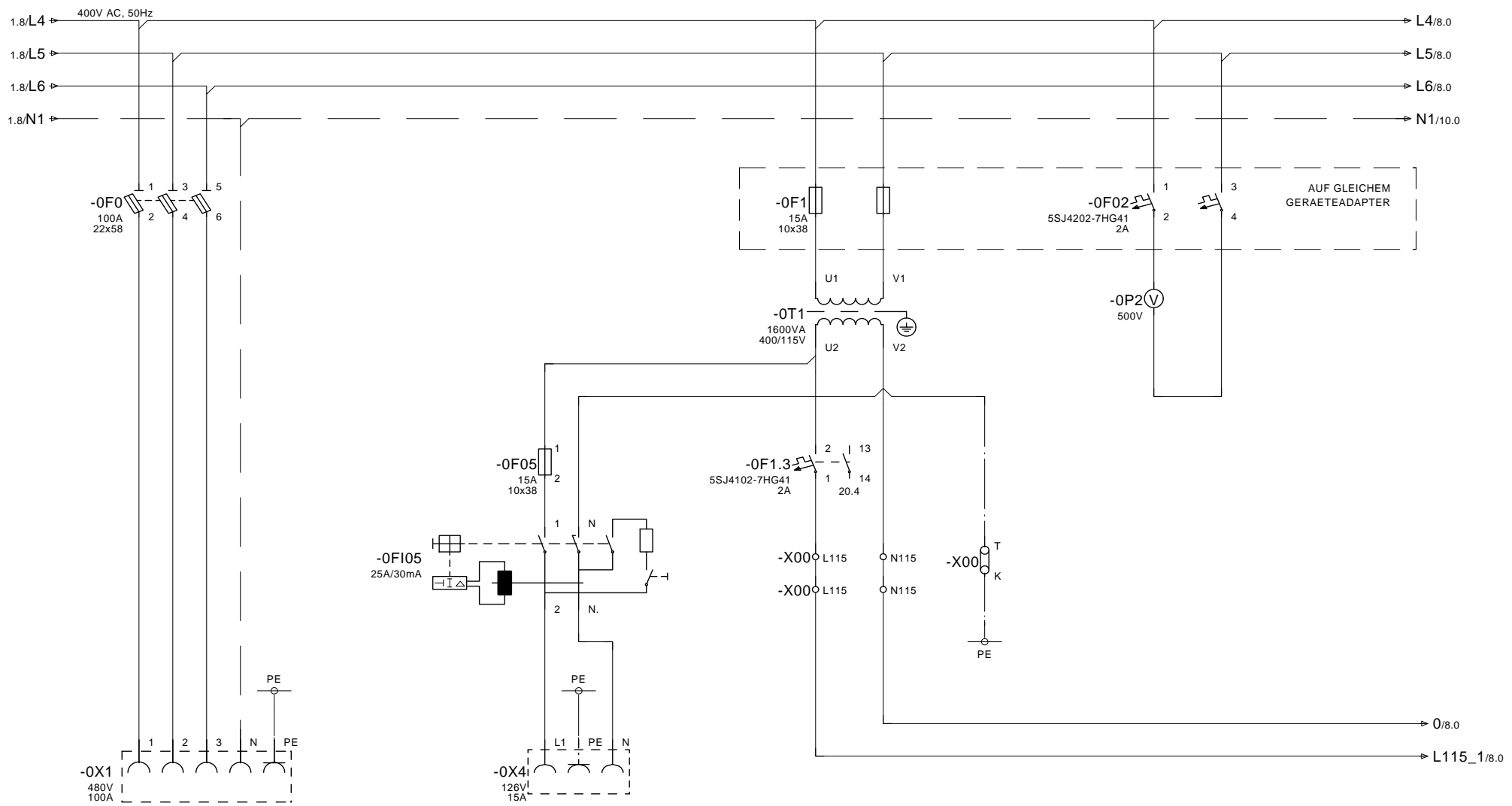




ACHTUNG! VOR HAUPTSCHALTER
ATTENTION! BEFORE MAIN SWITCH

SOCKET 30A
STECKDOSE 30A

		DATE	04.Dez.2015		KLEEMANN GMBH			 	ABGAENGE VOR HAUPTSCHALTER/ OUTLETS BEFORE MAIN SWITCH		KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	4	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	41		



POWER SOCKET 100A

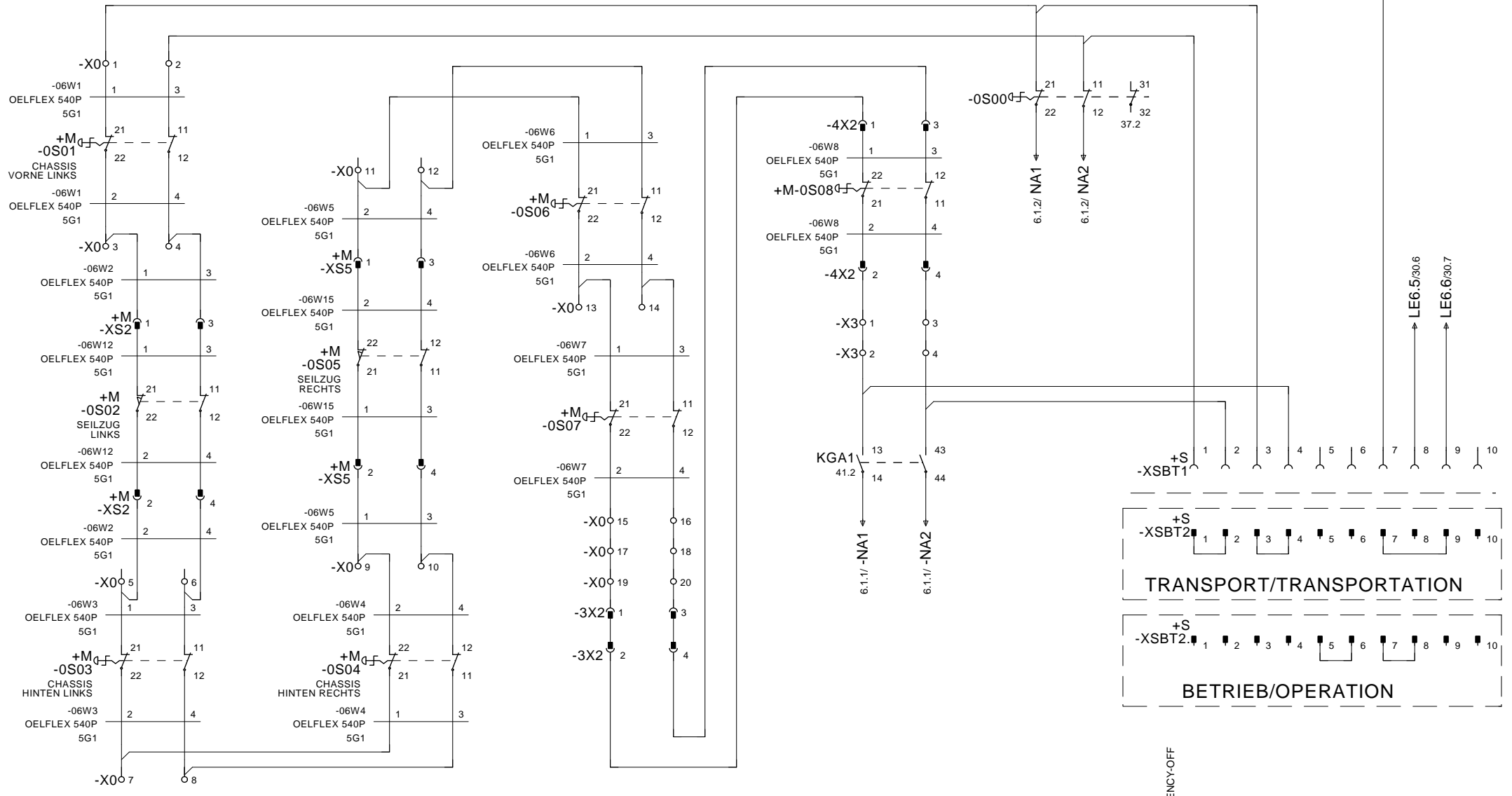
SOCKET 15A/115V

KRAFTSTECKDOSE 100A

STECKDOSE 15A/115V

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

7.4/L24VN → L24VN/6.1.0

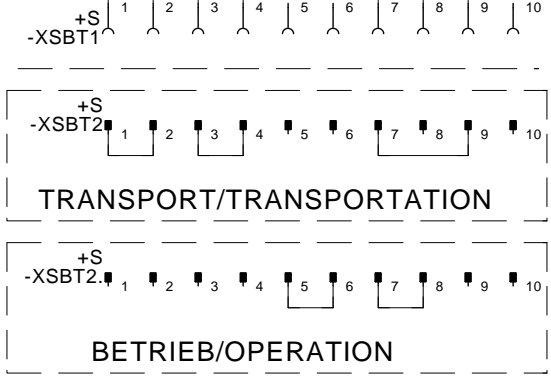


E-STOP PUSH-BUTTON

E-STOP PUSH-BUTTON

NOT-AUS TASTER

NOT-AUS TASTER



BYPASS EMERGENCY-OFF

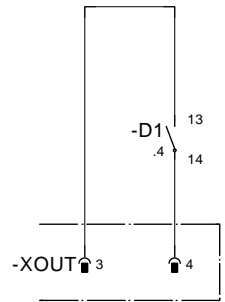
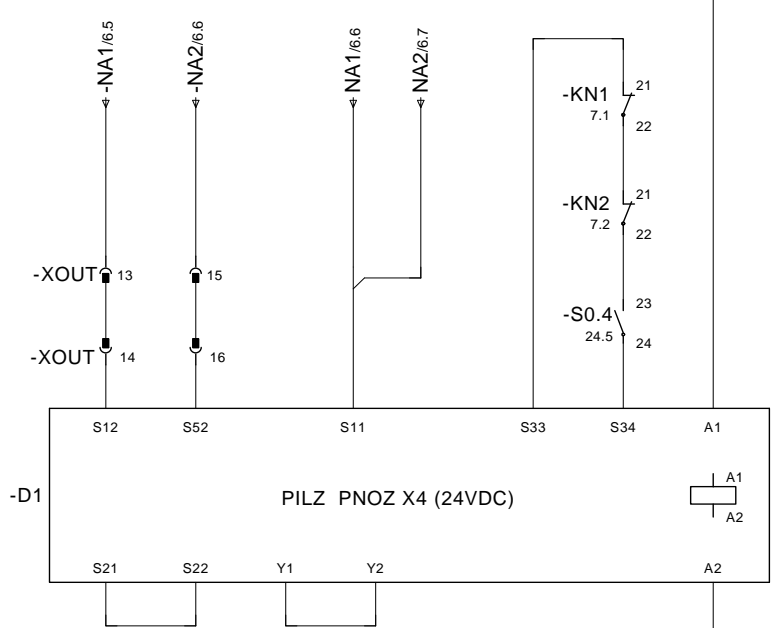
+24V SUPPLY

BETRIEB

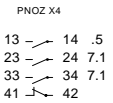
TRANSPORT

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

6.9/L24VN → L24VN/8.5



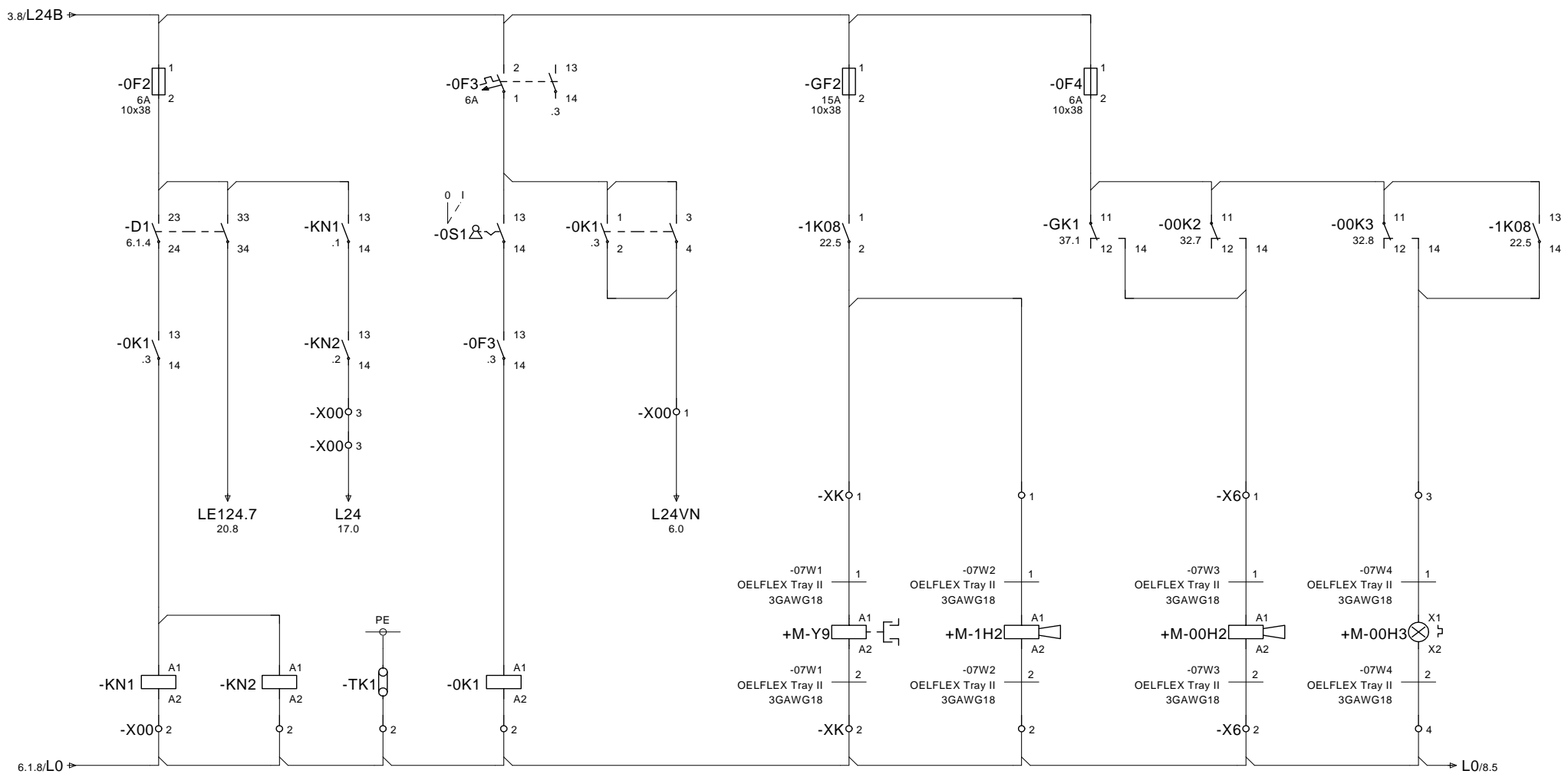
3.8/L0 → L0/7.0



E-STOP SWITCHGEAR

NOT-AUS SCHALTGERAET

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

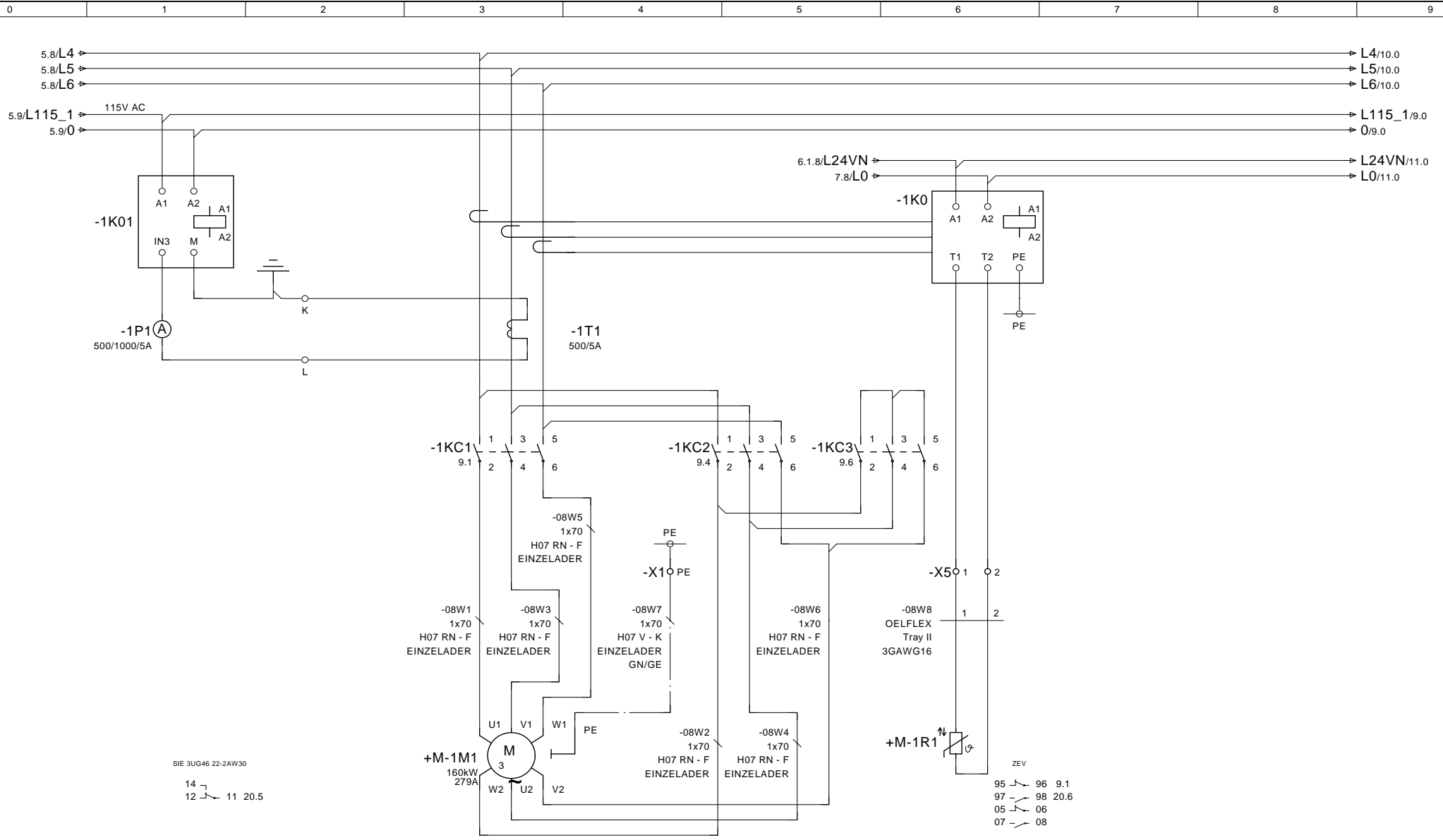


<p>SIE 3RH2122-2BB40</p> <p>13 - 14 .2 21 - 22 6.1.3 31 - 32 43 - 44</p> <p>SUPPLY 24V AFTER EMERGENCY STOP</p> <p>VERSORGUNG 24V NACH NOT-AUS</p>	<p>SIE 3RH2122-2BB40</p> <p>13 - 14 .2 21 - 22 6.1.3 31 - 32 43 - 44</p> <p>SUPPLY 24V AFTER EMERGENCY STOP</p> <p>VERSORGUNG 24V NACH NOT-AUS</p>	<p>SIE 3RT2016-2BB41 3RH2911-2FA22</p> <p>1 - 2 .4 3 - 4 .4 5 - 6 21.7 13 - 14 .1 53 - 54 3.5 61 - 62 71 - 72 83 - 84</p> <p>CONTROL VOLTAGE ON</p> <p>STEUERSPANNUNG EIN</p>	<p>COUPLING</p> <p>KUPPLUNG</p>	<p>RUN WARNING</p> <p>FAHRWARNUNG</p>	<p>HOOTER</p> <p>HUPE</p>	<p>FLASHING LIGHT</p> <p>BLINKLICHT</p>
--	--	---	---------------------------------	---------------------------------------	---------------------------	---

6.1

8

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



SIE 3UG46 22-2AW30
 14
 12 → 11 20.5

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

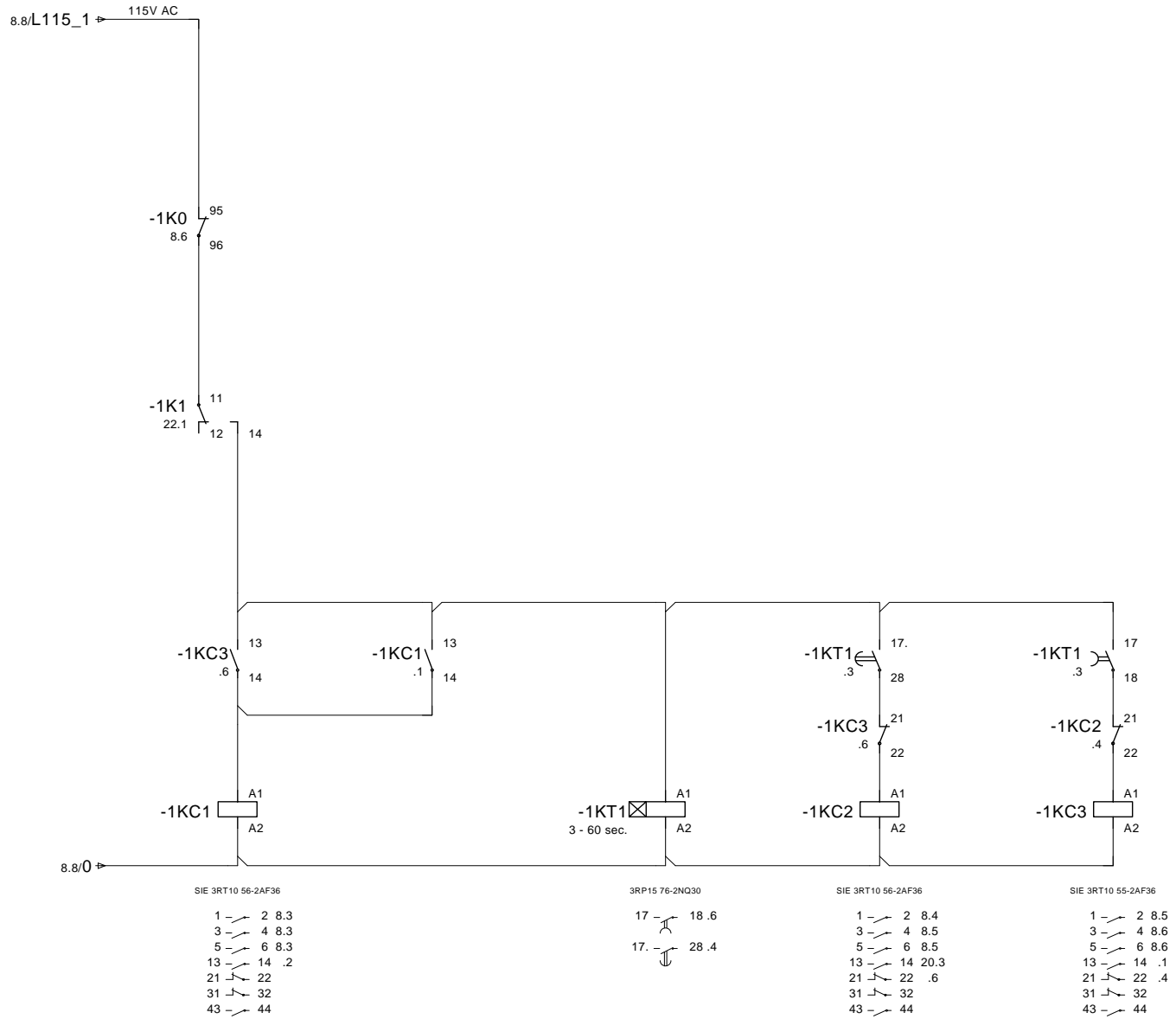
CRUSHER 1

MOTOR PROTECTION RELAY

BRECHER 1

MOTORSCHUTZRELAIS

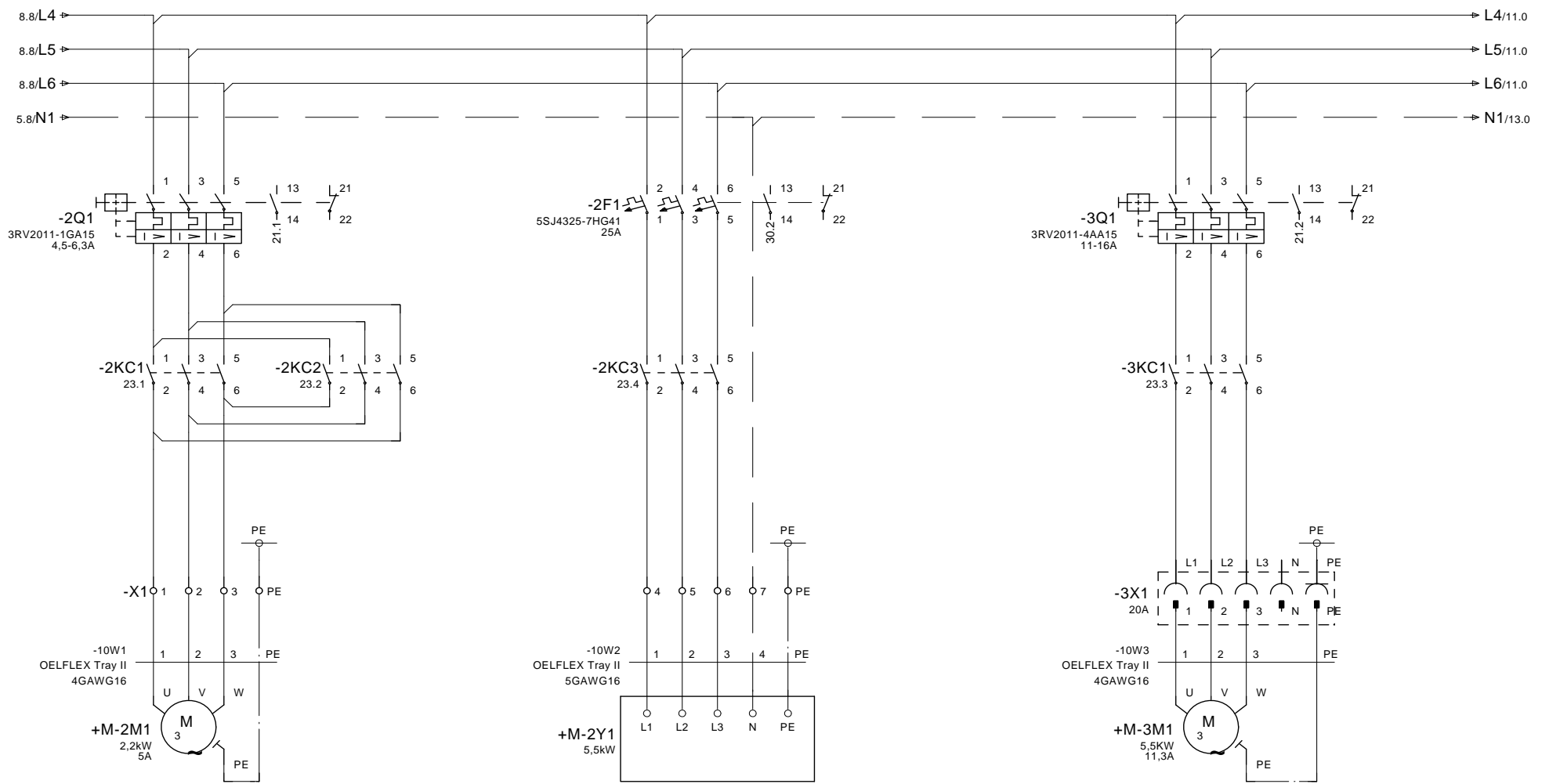
		DATE	04.Dez.2015		KLEEMANN GMBH			BRECHER 1/ CRUSHER 1		KLEEMANN SERIES	K007		= 100	+
		EDITED	JBR		MOBICAT MC 120 Z US			WIRTSCHAFTS GRUPPE		KLEEMANN MATERIAL NO	2268570		CAE-SYSTEM: EPLAN 5.70	PG. 8
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41	



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

N Y - D D Y

		DATE	04.Dez.2015	KLEEMANN GMBH		 	STRG. BRECHER 1/ CONTROL. CRUSHER 1		KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	9	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					

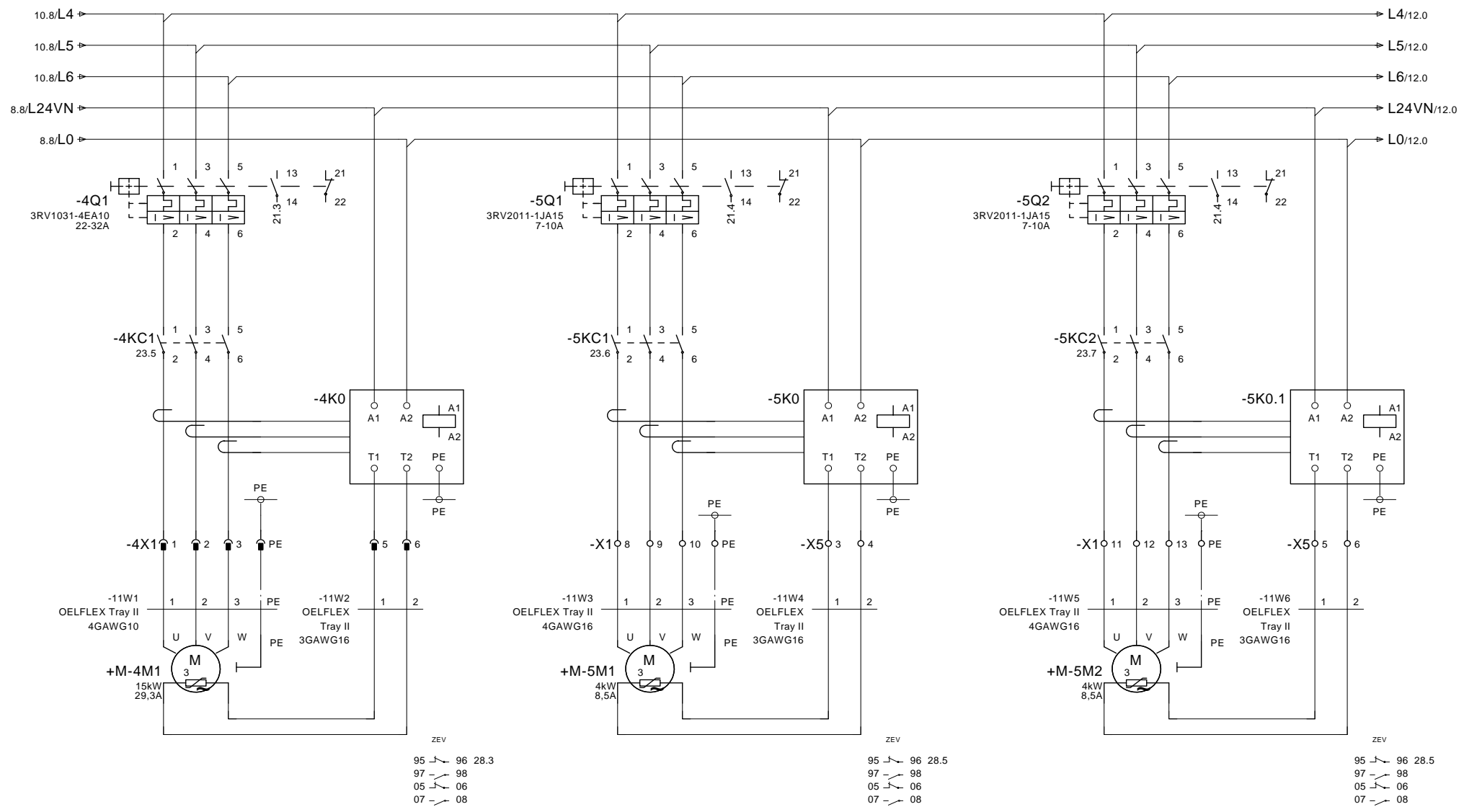


MAGNETIC BELT 2
MAGNETBAND 2

MAGNET
MAGNET

CONVEYOR BELT 3
FOERDERBAND 3

		DATE	04.Dez.2015		KLEEMANN GMBH			 	MOTOREN/ DRIVES	KLEEMANN SERIES	K007	= 100	+		
		EDITED	JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.	10
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG.	41



CONVEYOR BELT 4

VIBRATING CHUTE/CRUSHER 5

VIBRATING CHUTE/CRUSHER 5

FOERDERBAND 4

FOERDERRINNE 5

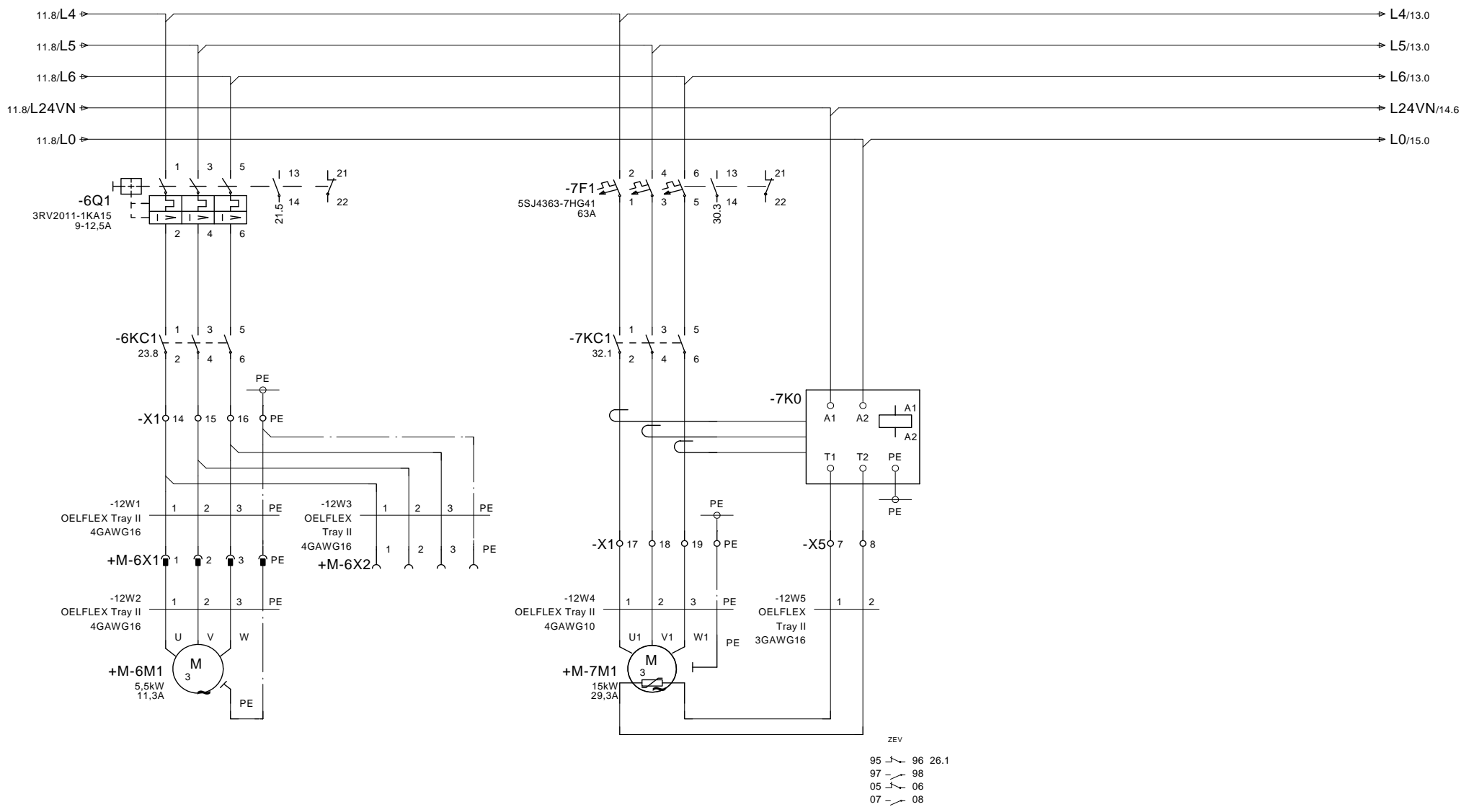
FOERDERRINNE 5

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

95 - 96 28.5
97 - 98
05 - 06
07 - 08

95 - 96 28.5
97 - 98
05 - 06
07 - 08

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



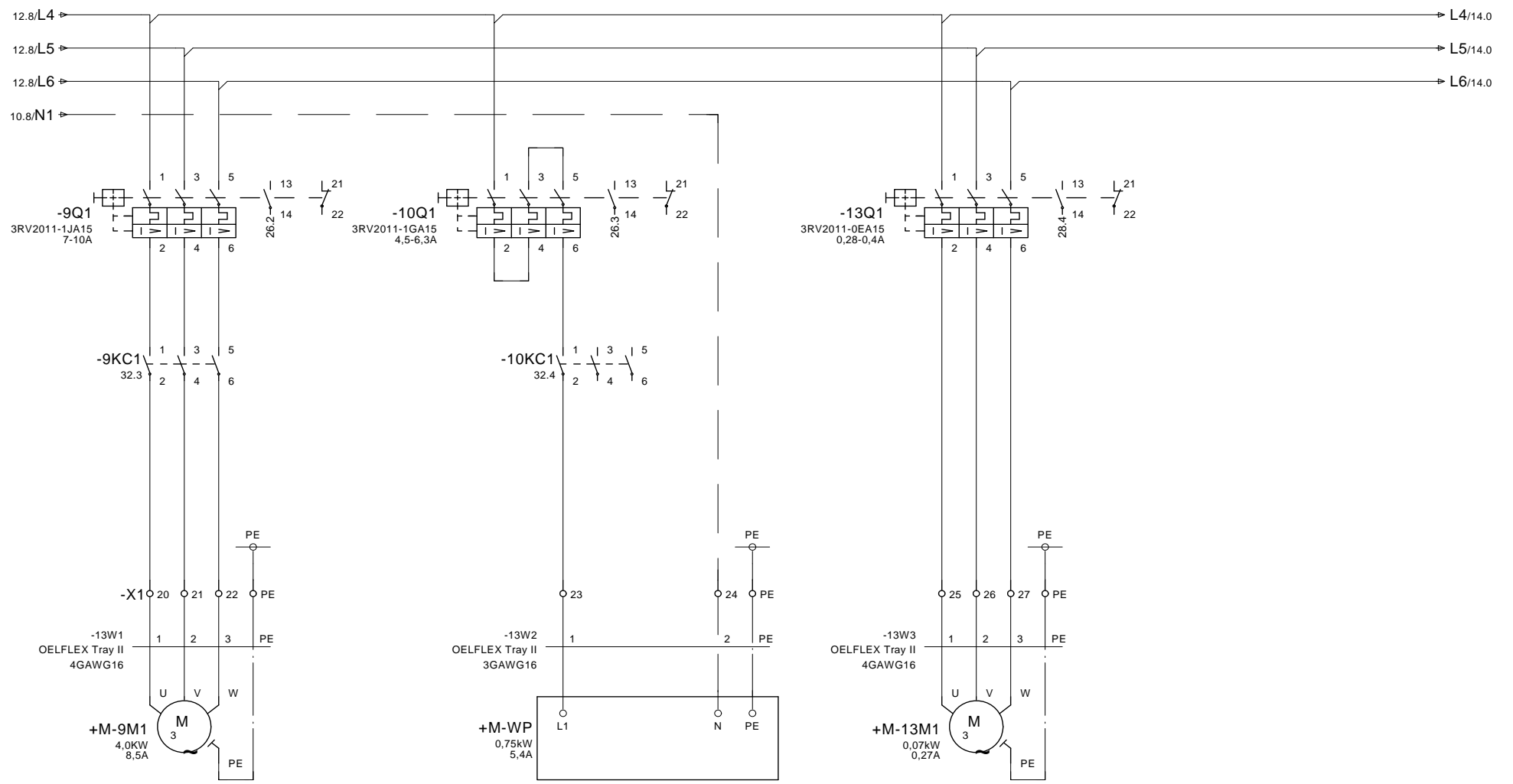
CONVEYOR BELT 6

VIBRATING SCREEN 7

FOERDERBAND 6

VIBRATIONSSIEB 7

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



HYDRAULIC 9

WATERPUMP 10

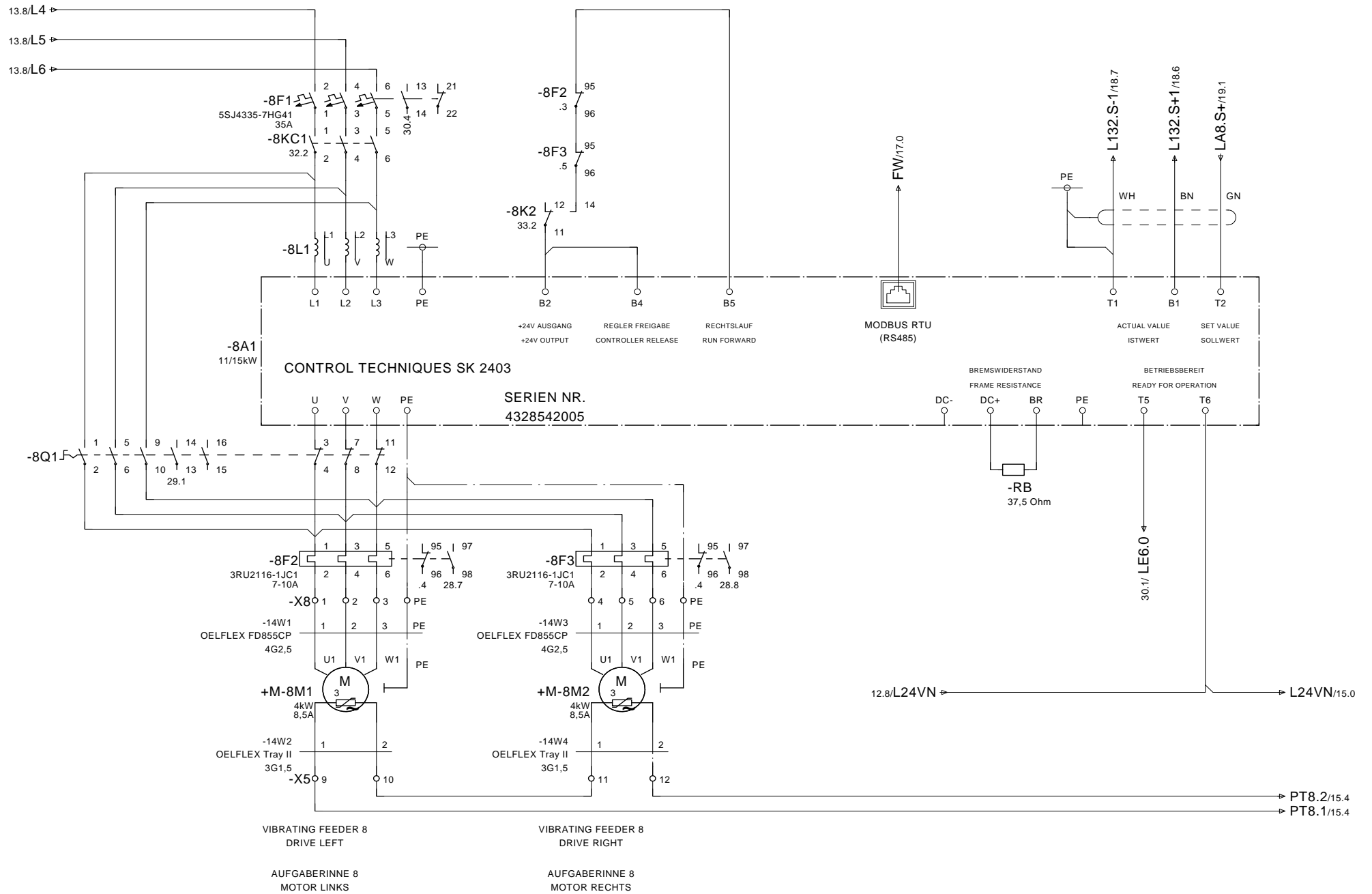
EXCESS PRESSURE FAN 1

HYDRAULIK 9

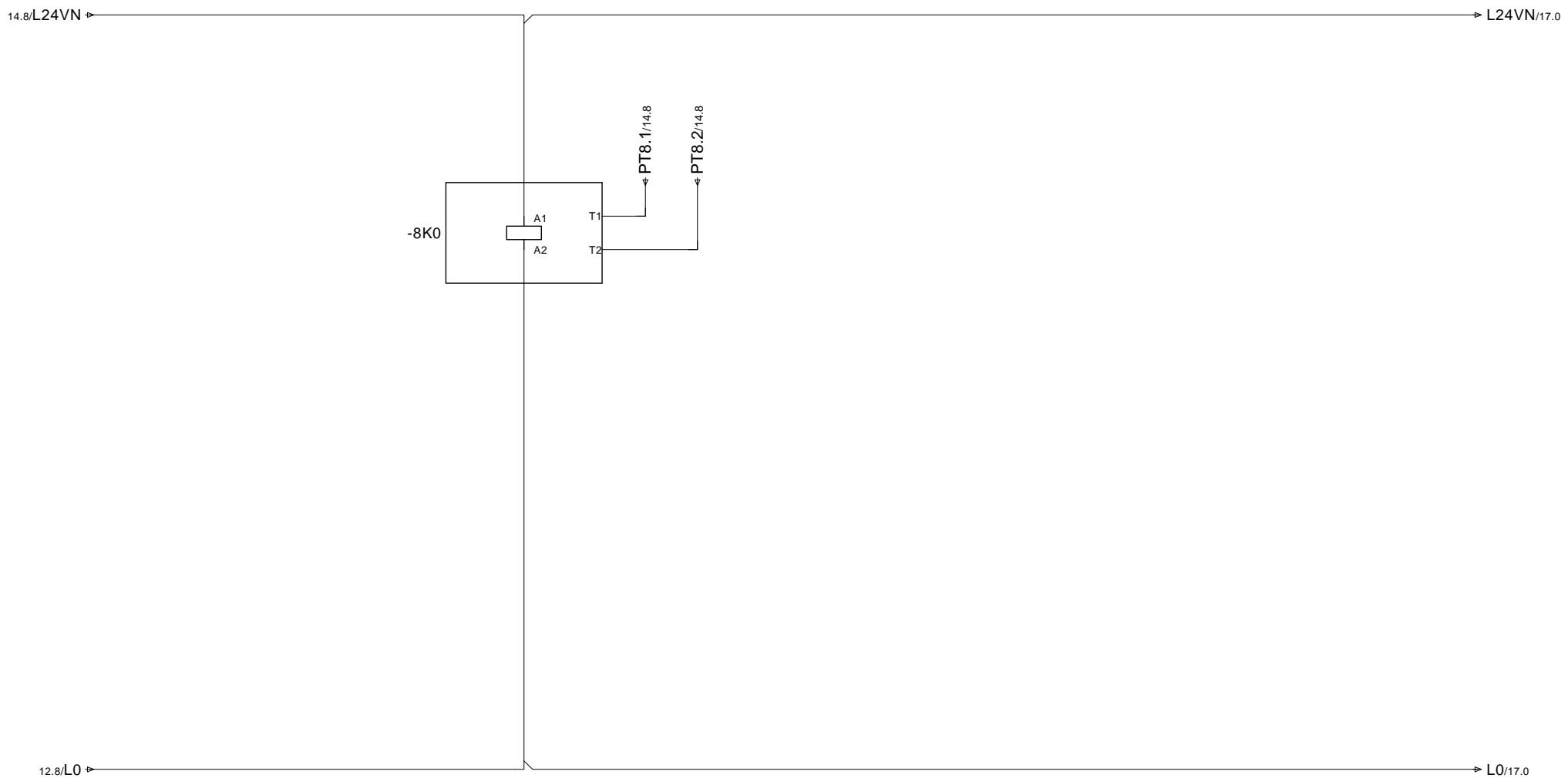
WASSERPUMPE 10

UEBERDRUCKGEBLAESE 1

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



		DATE	04.Dez.2015	KLEEMANN GMBH		 	AUFGABERINNE 8 - POS. 2/ VIBRATING FEEDER 8 - POS. 2		KLEEMANN SERIES	K007	= 100	+	
		EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	14		
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	41

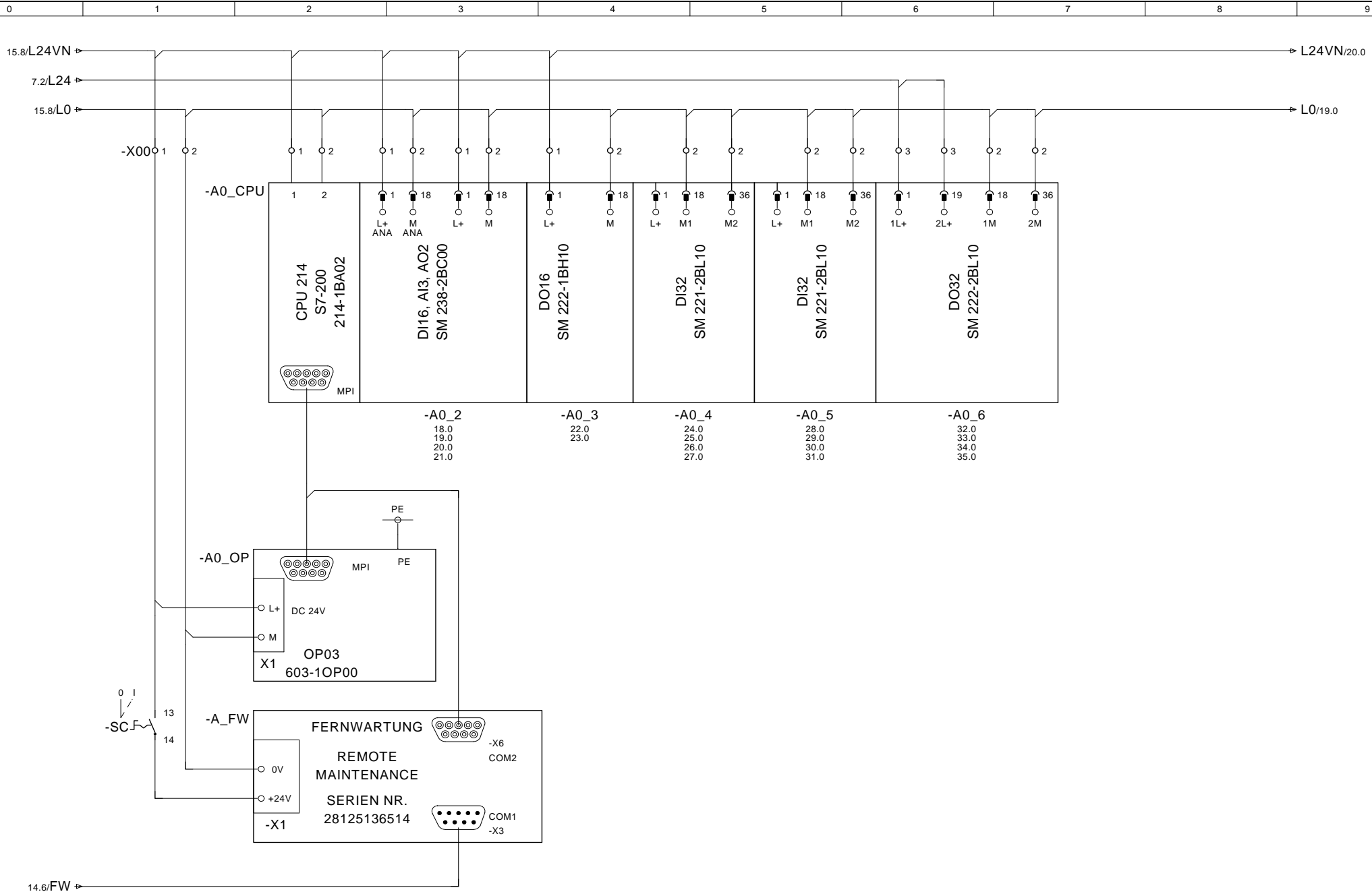


SIE 3RN10 10-2CB00
 95 → 96
 97 → 98 28.6

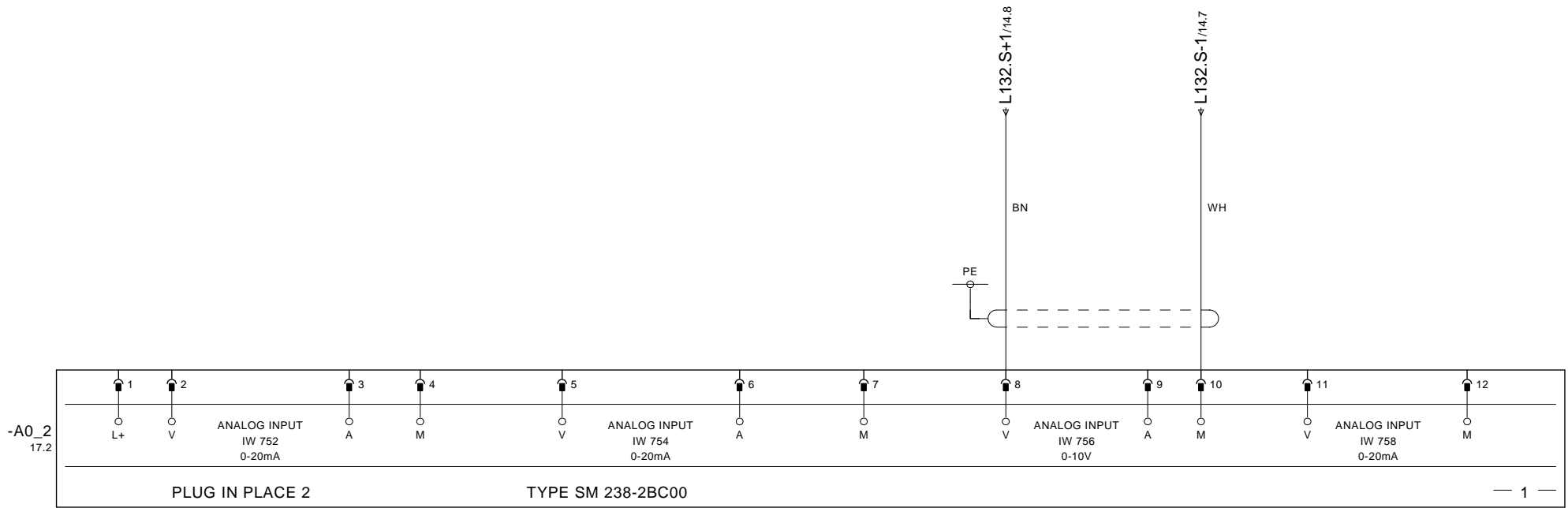
TEMPERATURE MONITORING
 VIBRATING FEEDER 8
 (8M1/8M2)
 TEMPERATURUEBERWACHUNG
 AUFGABERINNE 8
 (8M1/8M2)

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

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

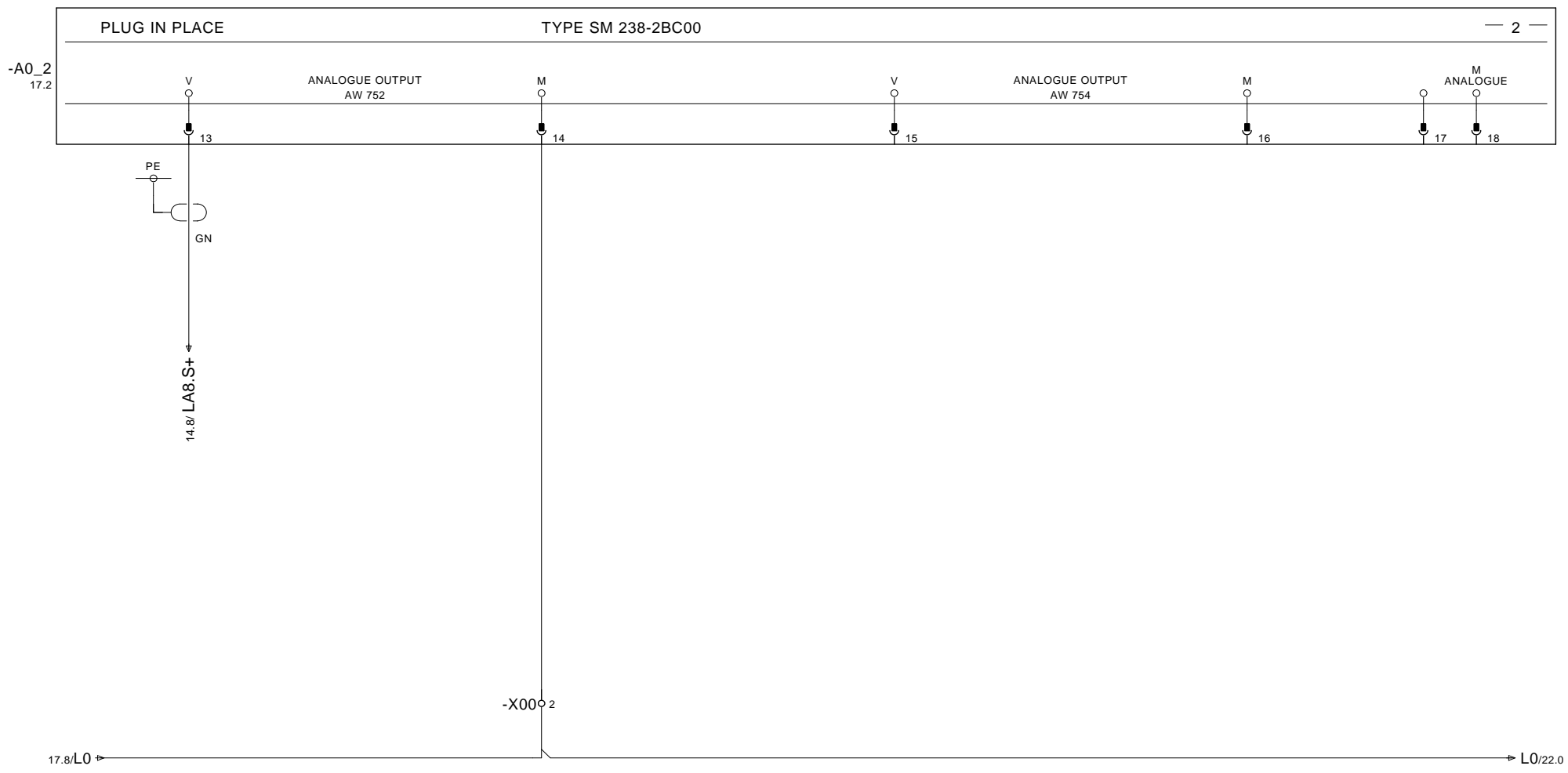


		DATE	04.Dez.2015	KLEEMANN GMBH		 	CPU STEUERUNG/ CPU CONTROL SYSTEM	KLEEMANN SERIES	K007	= 100	+
		EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 41



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

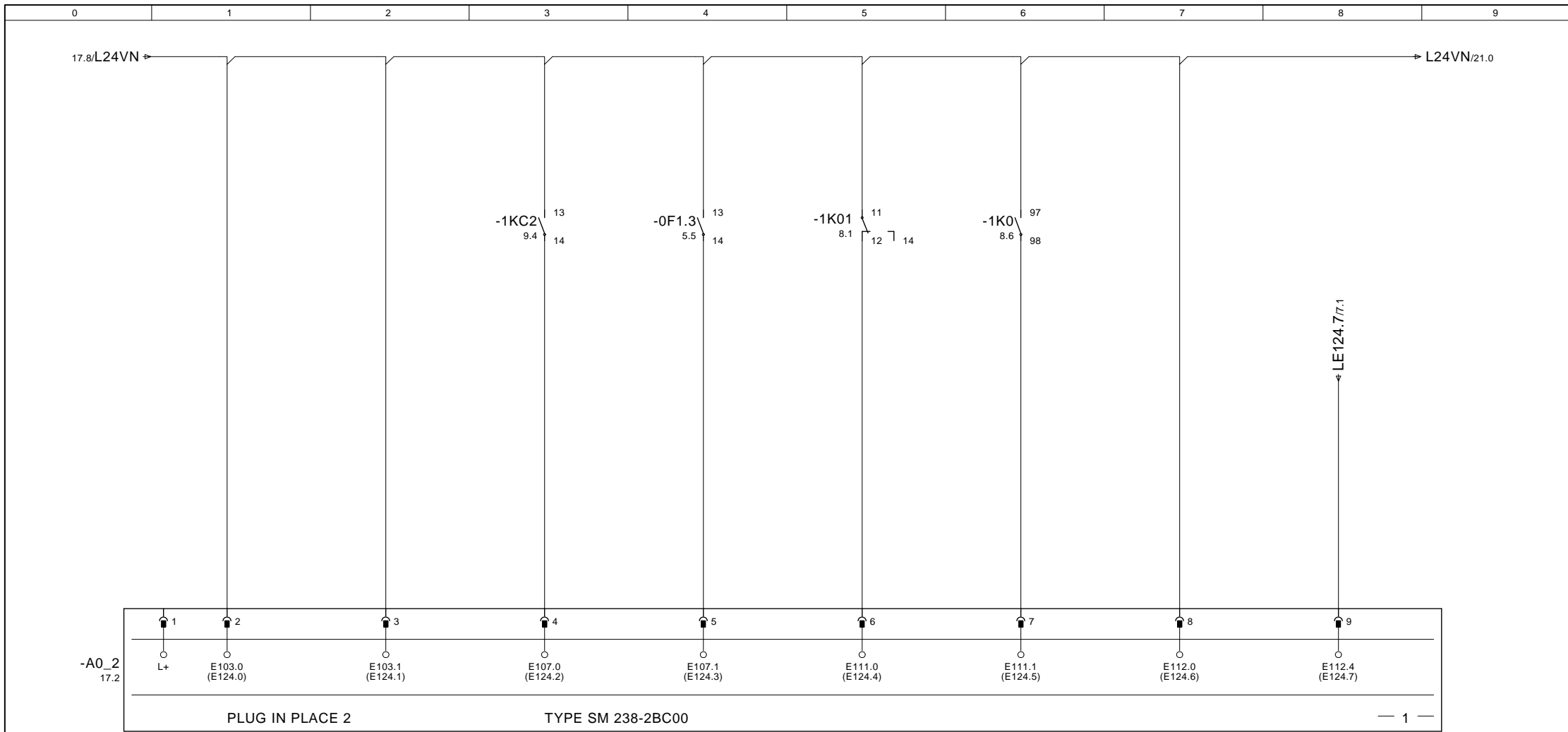
			DATE	04.Dez.2015	KLEEMANN GMBH			 	ANALOG EINGAENGE/ ANALOG INPUTS	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG.	41



SET VALUE
 FREQUENCY CONVERTER
 VIBRATING FEEDER 8
 SOLLWERT
 FREQUENZUMRICHTER
 AUFGABERINNE 8

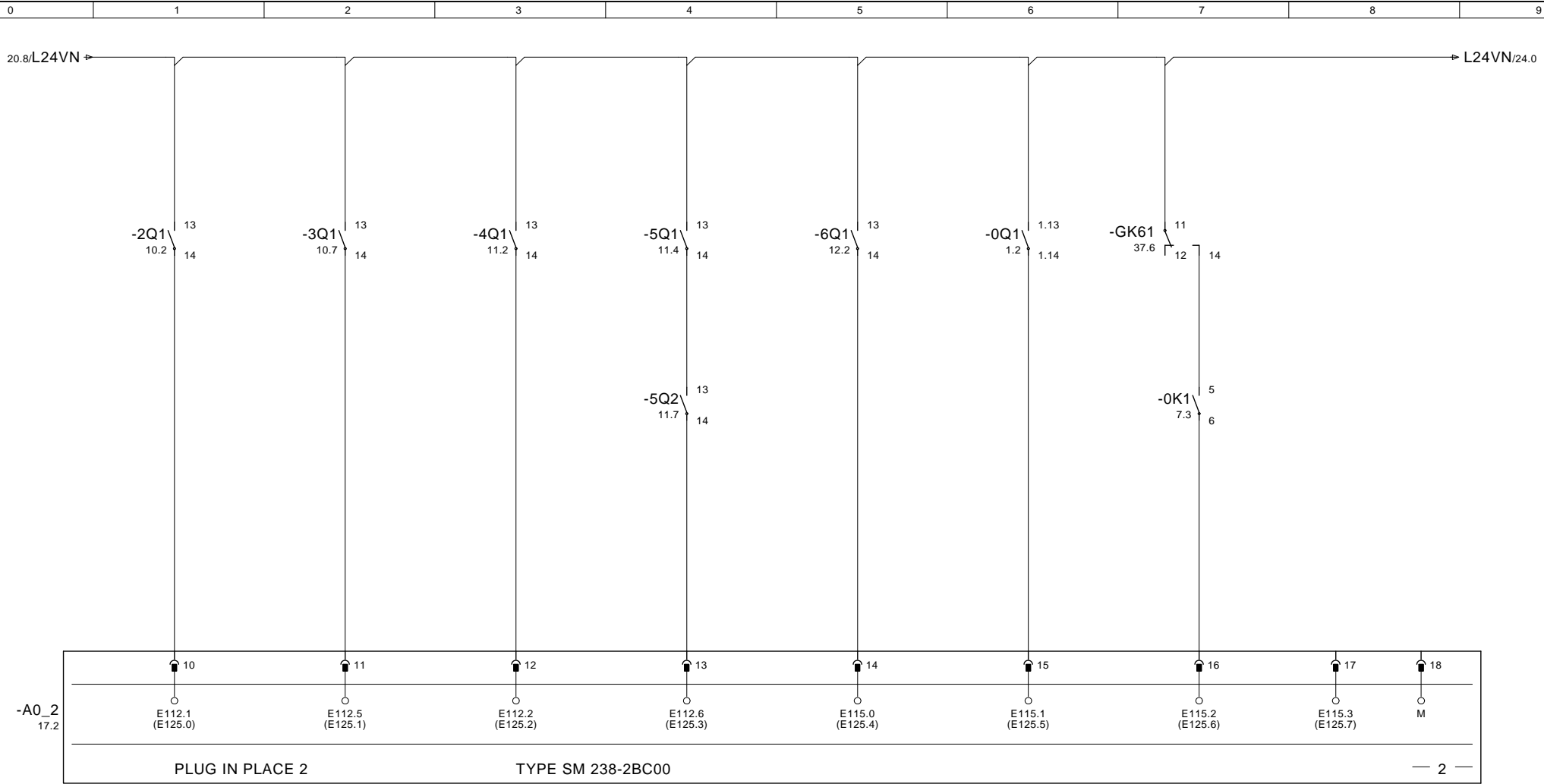
SPARE
 RESERVE

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



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

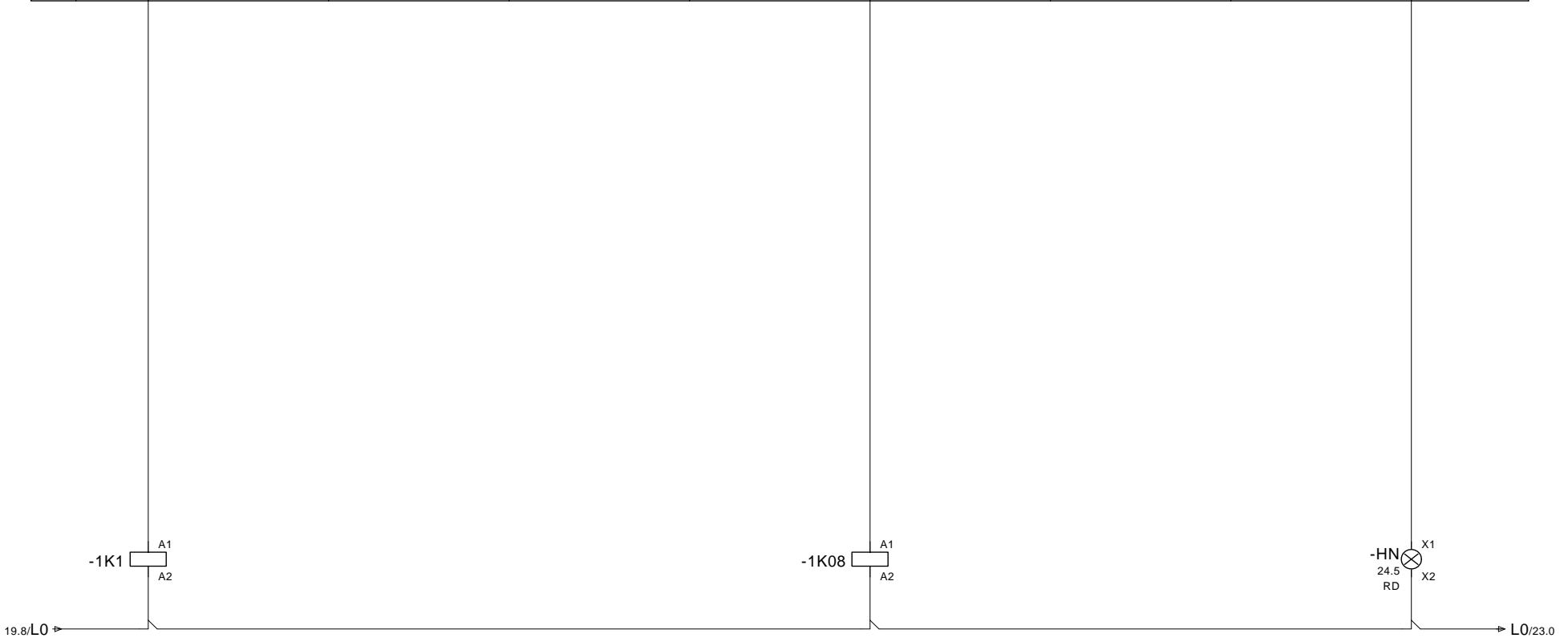
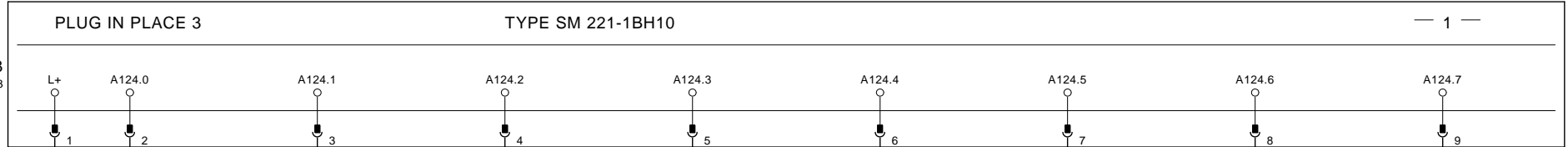
DATE	04.Dez.2015	KLEEMANN GMBH	 	DIGITALE EINGAENGE E124.0-E124.7/ DIGITAL INPUTS E124.0-E124.7	KLEEMANN SERIES	K007	= 100	+	
EDITED	JBR				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	20
CONTR.	D. MALLKOWSKY							MOBICAT MC 120 Z US	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		



MONITORING MOTOR PROTECTION SWITCH
UEBERWACHUNG MOTORSCHUTZSCHALTER

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

DATE	04.Dez.2015	KLEEMANN GMBH		 	DIGITALE EINGAENGE E125.0-E125.7 DIGITAL INPUTS E125.0-E125.7	KLEEMANN SERIES K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US						
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG. 41



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

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

RELEASING
CRUSHER

 FREIGABE
BRECHER

SPARE

 RESERVE

SPARE

 RESERVE

SPARE

 RESERVE

CONTACTOR
COUPLING ON

 SCHUETZ
FAHRKUPPLUNG

SPARE

 RESERVE

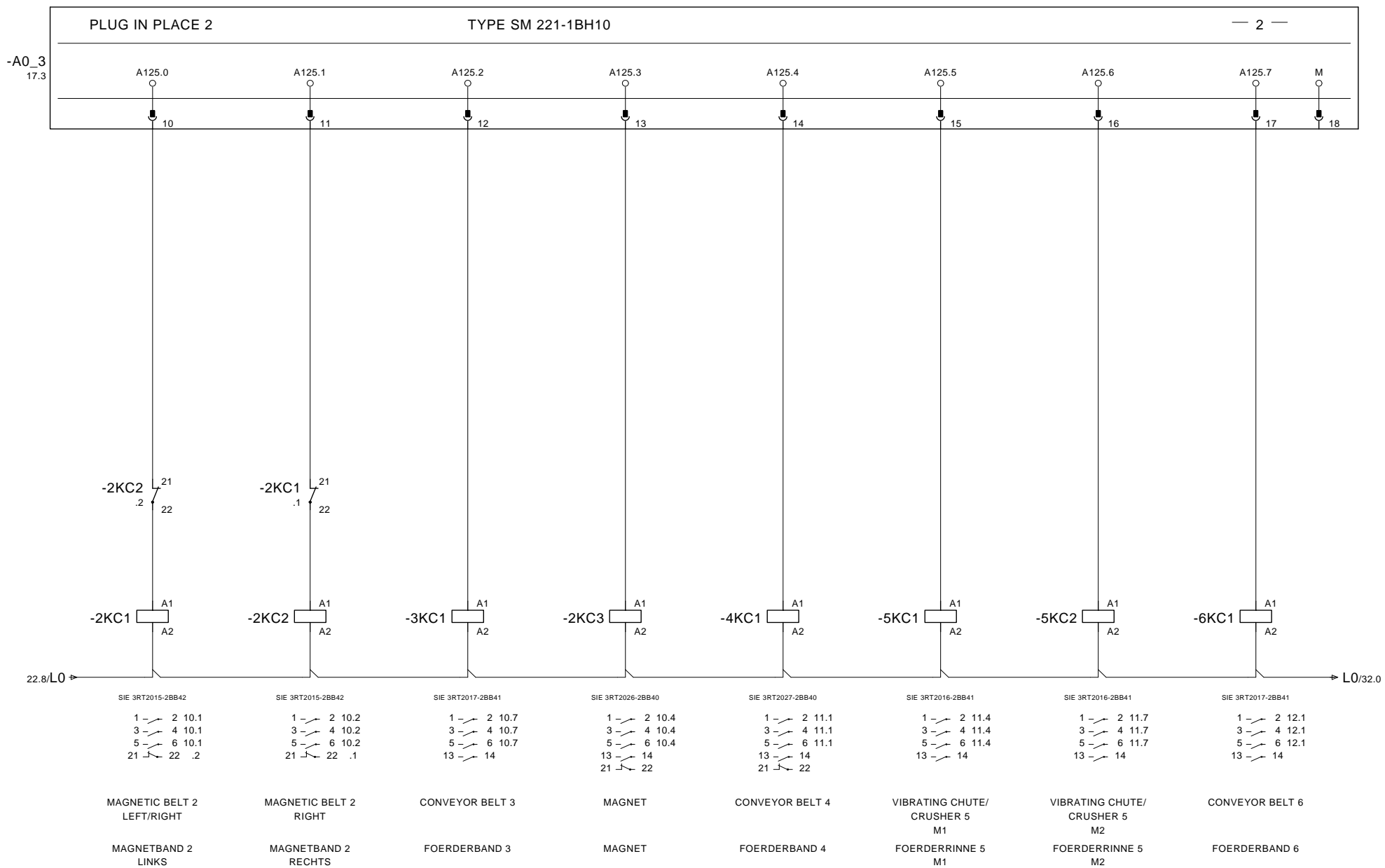
SPARE

 RESERVE

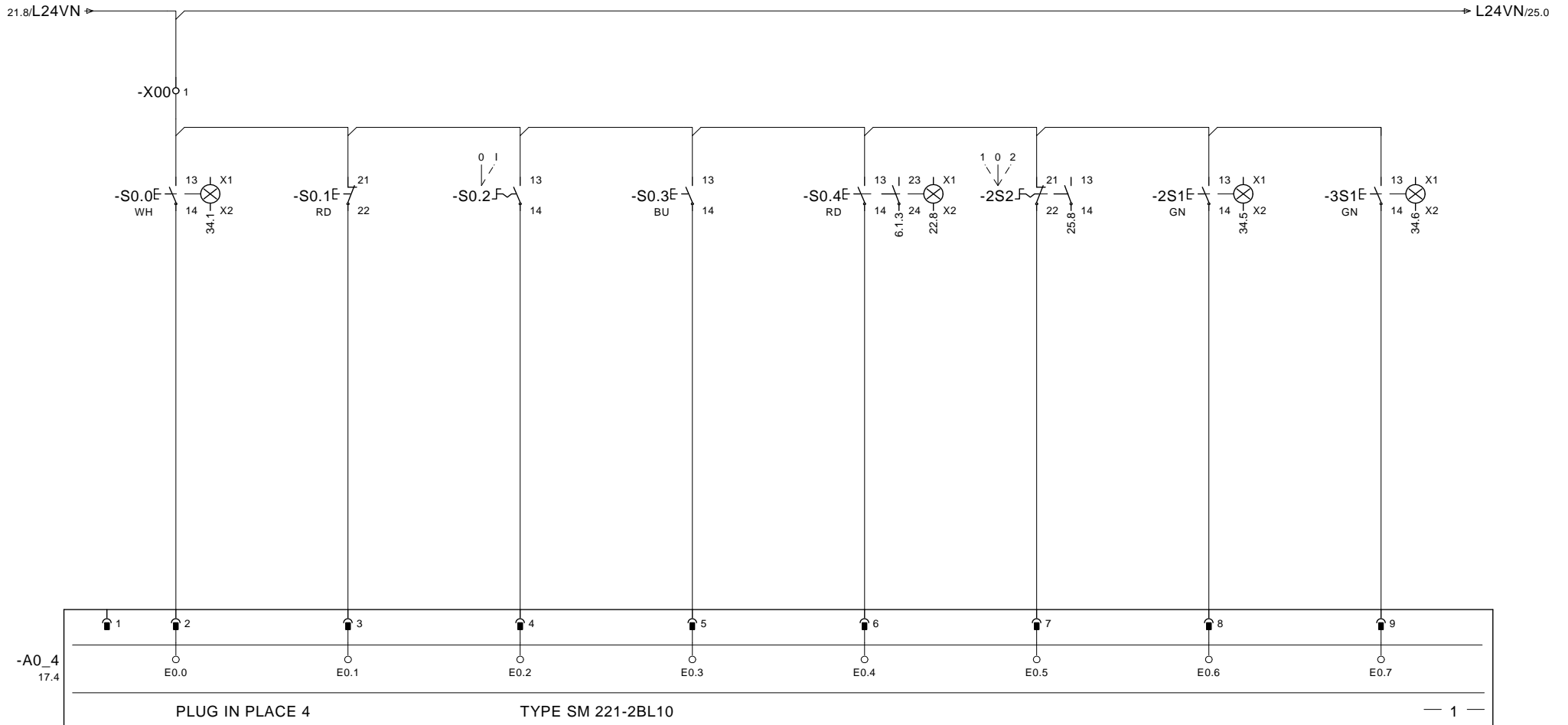
EMERGENCY STOP

 NOT-AUS

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



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



INSTALLATION ON

INSTALLATION OFF

AUTO/REPAIR

LAMP TEST

EMERGENCY STOP
RESET

MAGNETIC BELT 2
POSITION 0

MAGNETIC BELT 2
ON/OFF

CONVEYOR BELT 3
ON/OFF

ANLAGE EIN

ANLAGE AUS

AUTO/REPARATUR

LAMPENTEST

NOT-AUS
STOERUNG
QUITTIEREN

MAGNETBAND 2
POSITION 0

MAGNETBAND 2
EIN/AUS

FOERDERBAND 3
EIN/AUS

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

KLEEMANN GMBH
MOBICAT MC 120 Z US



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

KLEEMANN
SERIES K007

KLEEMANN
MATERIAL NO 2268570

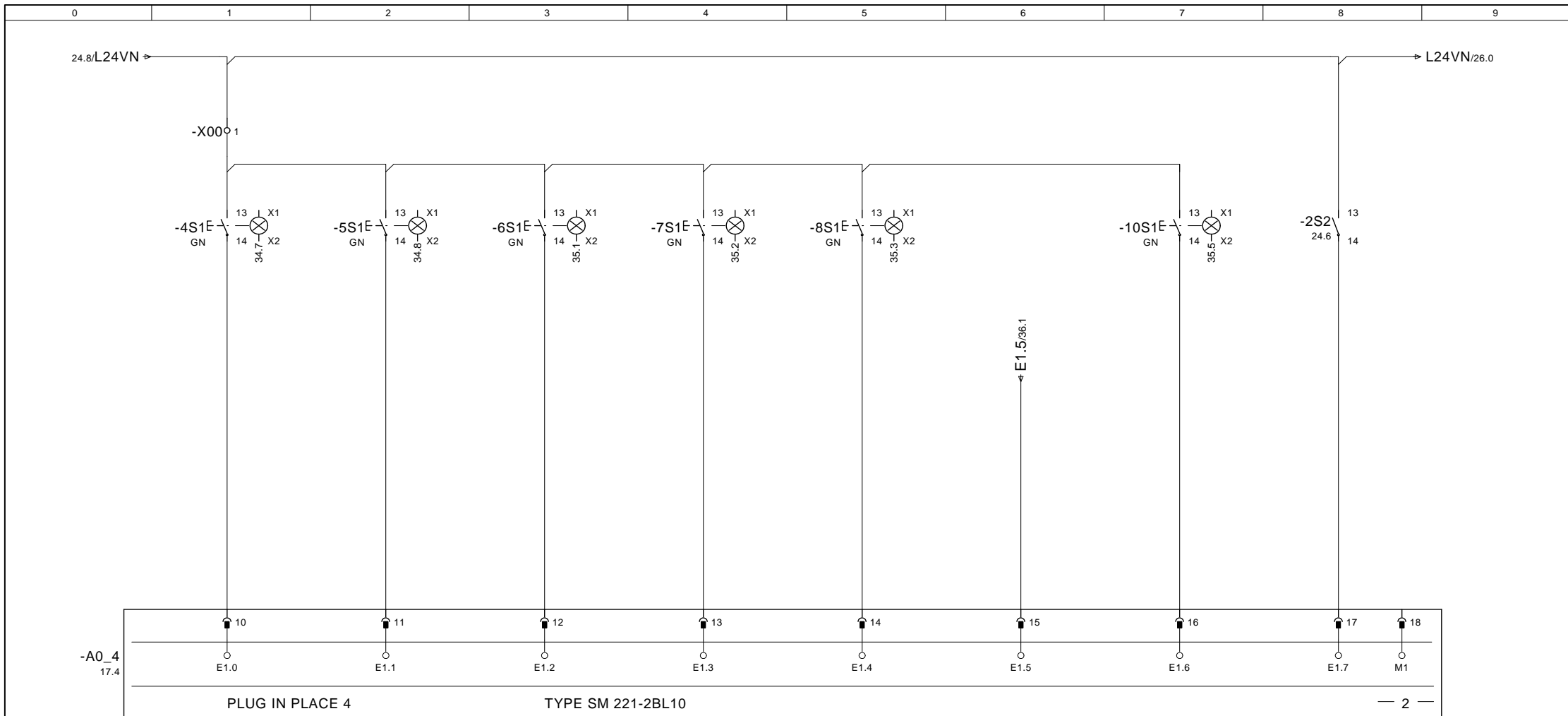
= 100

CAE-SYSTEM:
EPLAN 5.70

+

PG. 24

PG. 41



CONVEYOR BELT 4
ON/OFF

FOERDERBAND 4
EIN/AUS

VIBRATING CHUTE/
CRUSHER 5
ON/OFF

FOERDERRINNE 5
EIN/AUS

CONVEYOR BELT 6
ON/OFF

FOERDERBAND 6
EIN/AUS

VIBRATING SCREEN 7
ON/OFF

VIBRATIONSSIEB 7
EIN/AUS

VIBRATING FEEDER 8
ON/OFF

AUFGABERINNE 8
EIN/AUS

LIGHT BARRIER

LICHTSCHRANKE

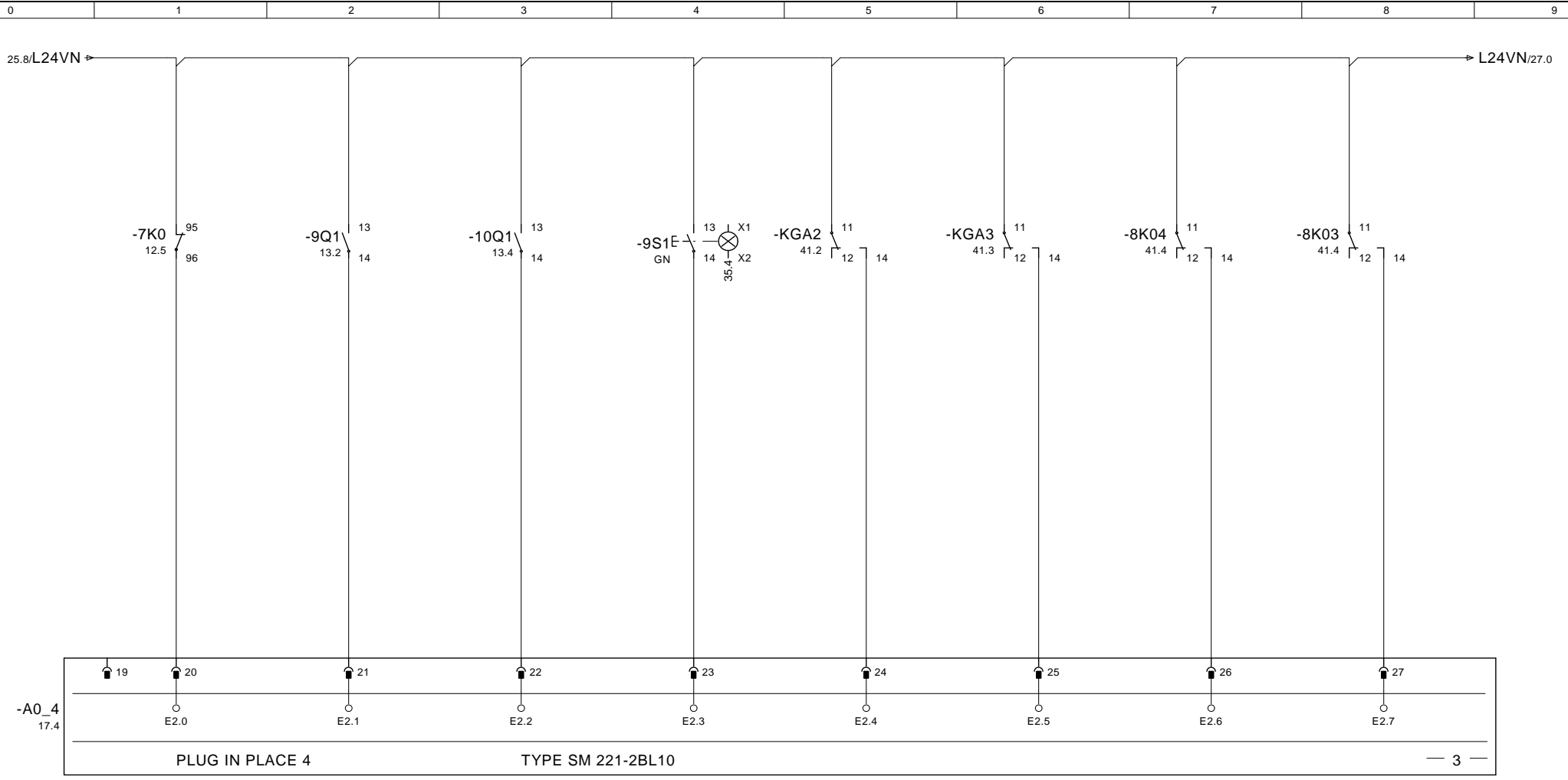
WATERPUMP 10
ON/OFF

WASSERPUMPE 10
EIN/AUS

MAGNETIC BELT 2
RIGHT

MAGNETBAND 2
RECHTS

			DATE	04.Dez.2015	KLEEMANN GMBH			 	DIGITALE EINGAENGE E 1.0 - E 1.7/ DIGITAL INPUTS E 1.0 - E 1.7	KLEEMANN SERIES	K007	= 100	+
			EDITED	JBR	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 25
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.						PG. 41



TEMPERATURE
VIBRATING SCREEN 7

TEMPERATUR
VIBRATIONSSIEB 7

MOTOR PROTECTION
HYDRAULIC

MOTORSCHUTZ
HYDRAULIK

MOTOR PROTECTION
WATERPUMP

MOTORSCHUTZ
WASSERPUMPE

HYDRAULIC

HYDRAULIK

VIBRATING CHUTE
+SCREEN ON
(REMOTE)

RINNE+SIEB
EIN
(FUNK)

VIBRATING CHUTE
+SCREEN OFF
(REMOTE)

RINNE+SIEB
AUS
(FUNK)

VIBRATING CHUTE
SLOWER
(RADIO)

RINNE
LANGSAMER
(FUNK)

VIBRATING CHUTE
FASTER
(RADIO)

RINNE
SCHNELLER
(FUNK)

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

KLEEMANN GMBH
MOBICAT MC 120 Z US



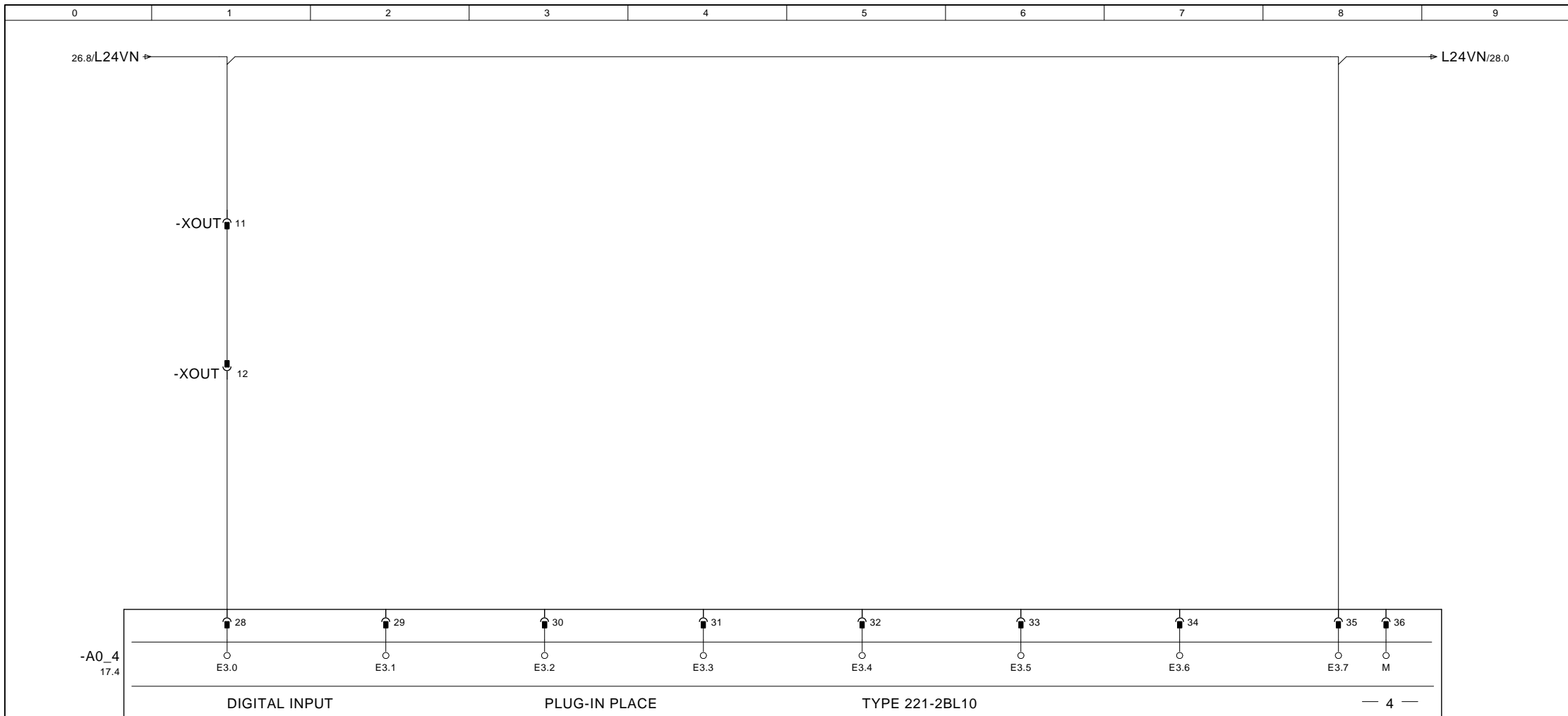
DIGITAL EINGAENGE E 2.0 - E 2.7/
DIGITAL INPUTS E 2.0 - E 2.7

KLEEMANN SERIES K007

KLEEMANN MATERIAL NO 2268570

= 100

CAE-SYSTEM: EPLAN 5.70



LOCKING
CONVEYOR BELT 2

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

VERRIEGELUNG
FOERDERBAND 2

RESERVE

RESERVE

RESERVE

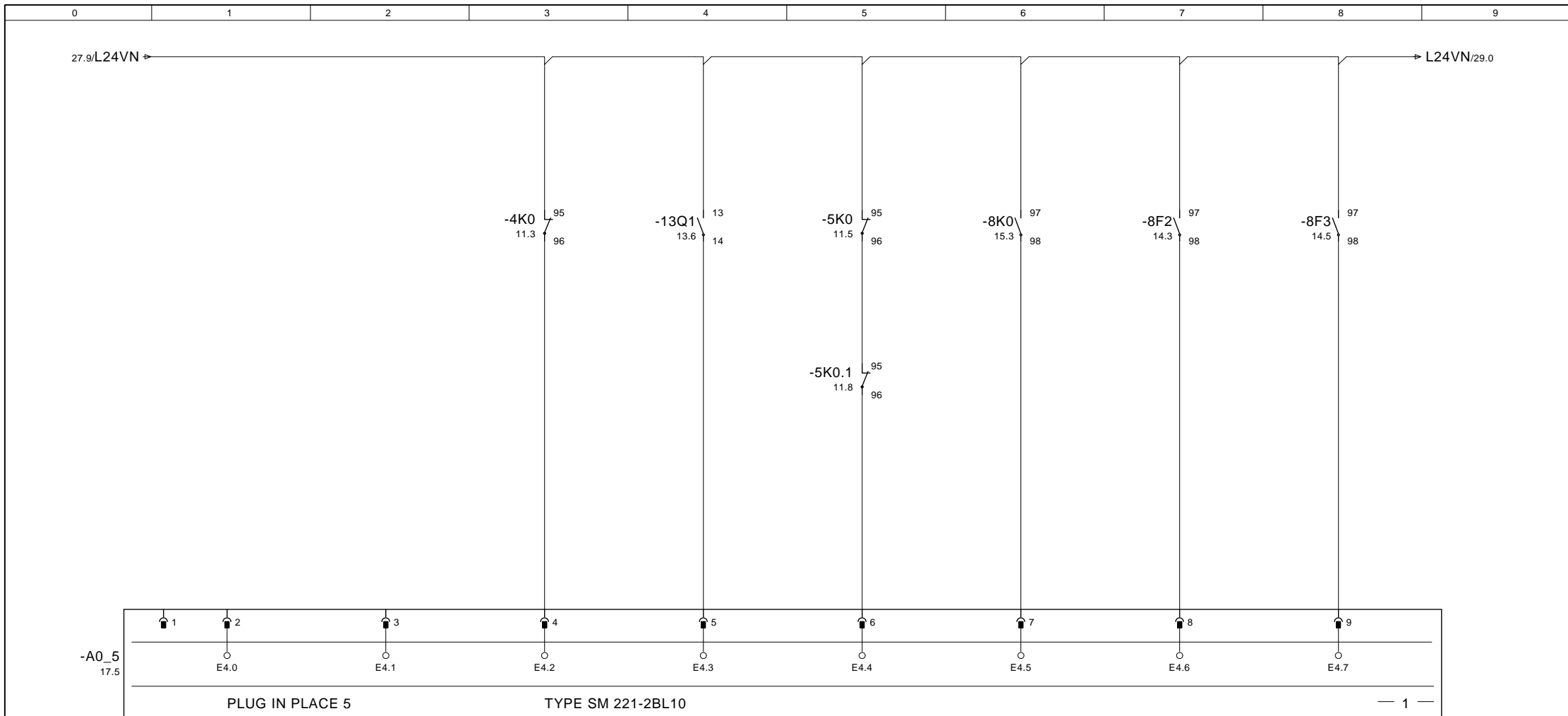
RESERVE

RESERVE

RESERVE

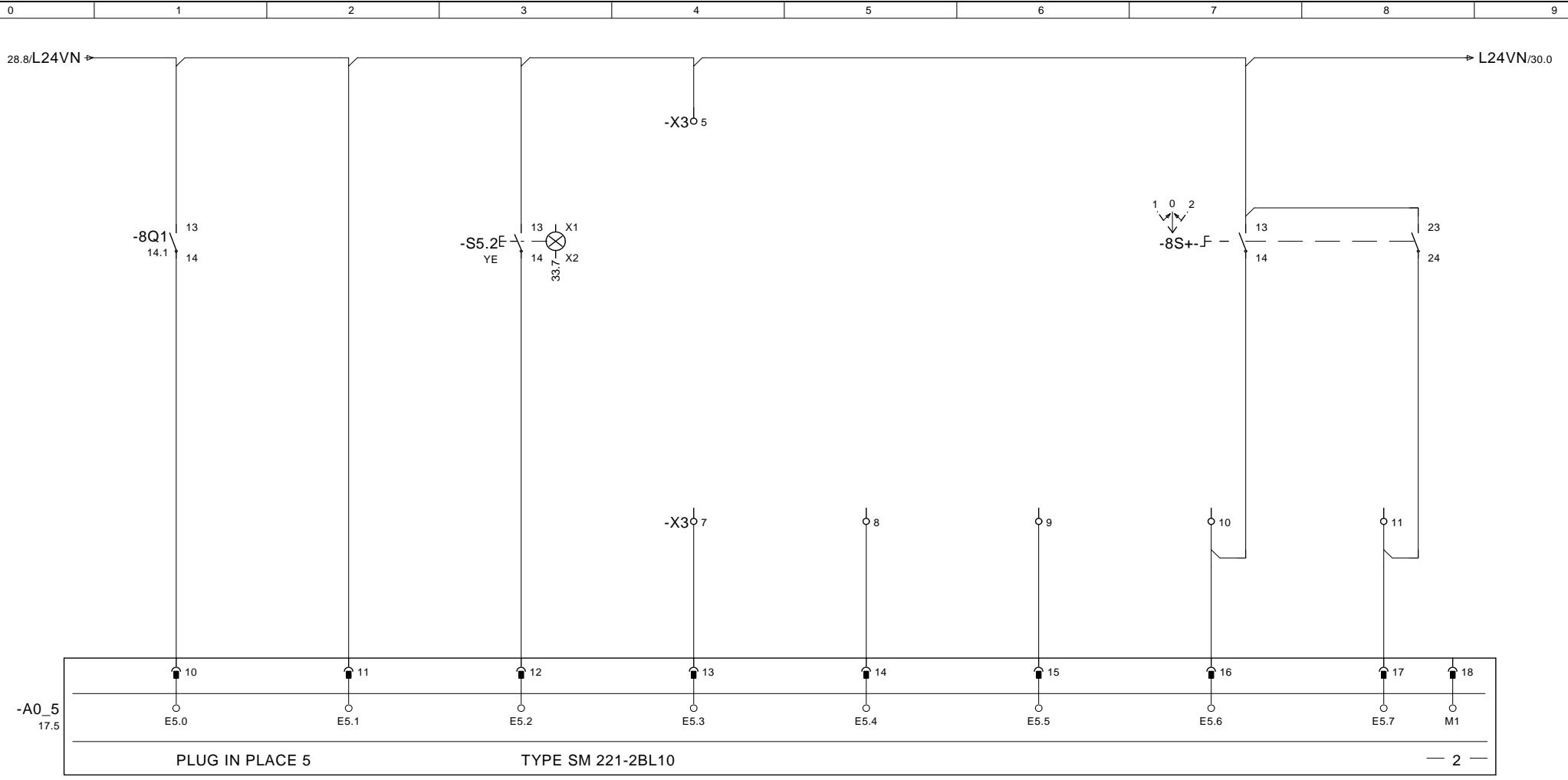
RESERVE

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



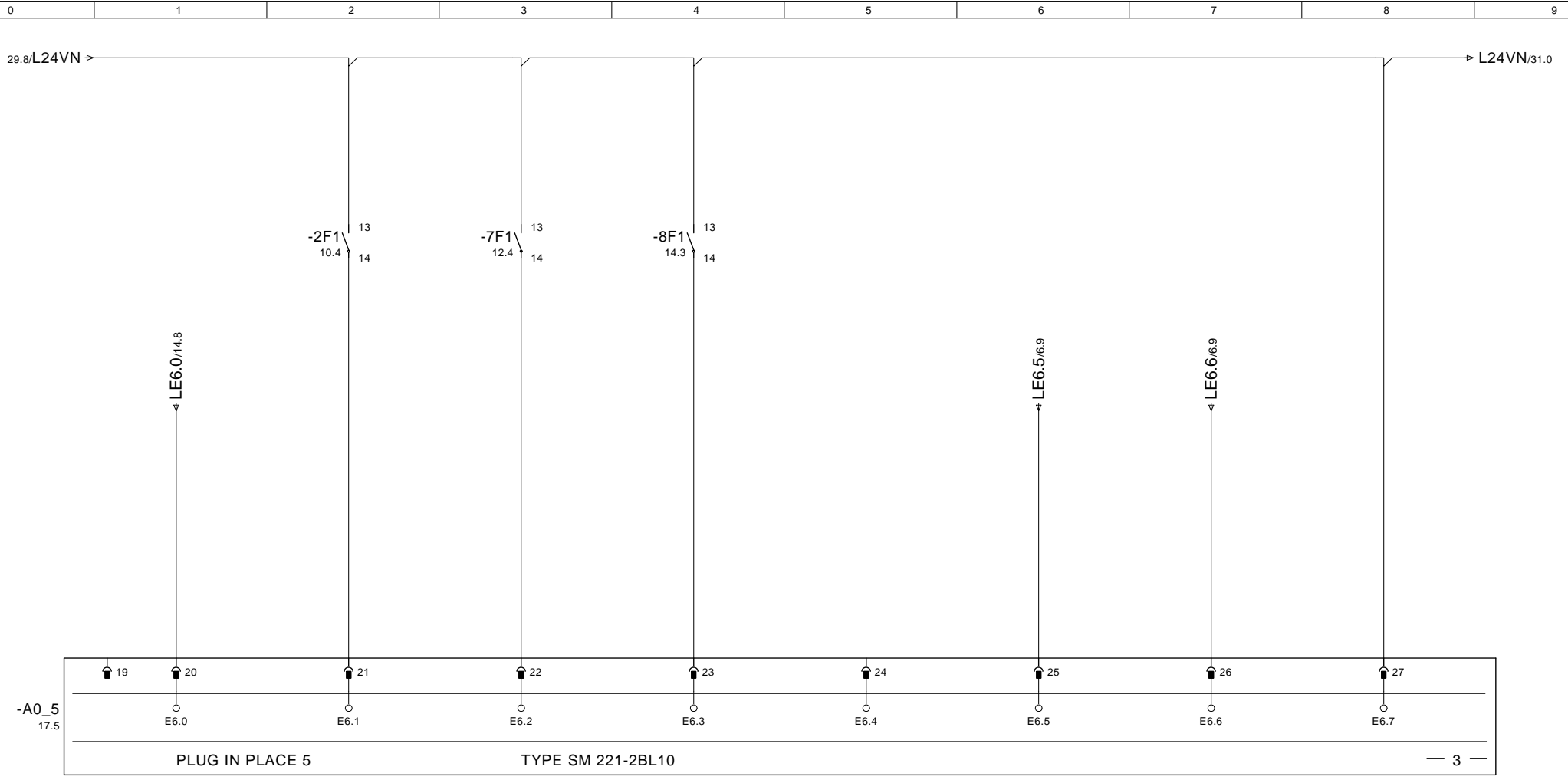
SPARE	SPARE	TEMPERATURE MONITORING CONVEYOR BELT 4	MOTOR PROTECTION PRESSURE BURDEN	TEMP. MONITORING VIBRATING CHUTE/ CRUSHER 5	TEMP. MONITORING VIBRATING FEEDER 8	MOTOR PROTECTION VIBRATING FEEDER 8	MOTOR PROTECTION VIBRATING FEEDER 8
RESERVE	RESERVE	TEMP.-UEBERWACHUNG FOERDERBAND 4	MOTORSCHUTZ UEBERDRUCK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

DATE	04.Dez.2015	KLEEMANN GMBH		 	DIGITAL EINGAENGE E 4.0 - E 4.7/ DIGITAL INPUTS E 4.0 - E 4.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	28
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			PG.	41	



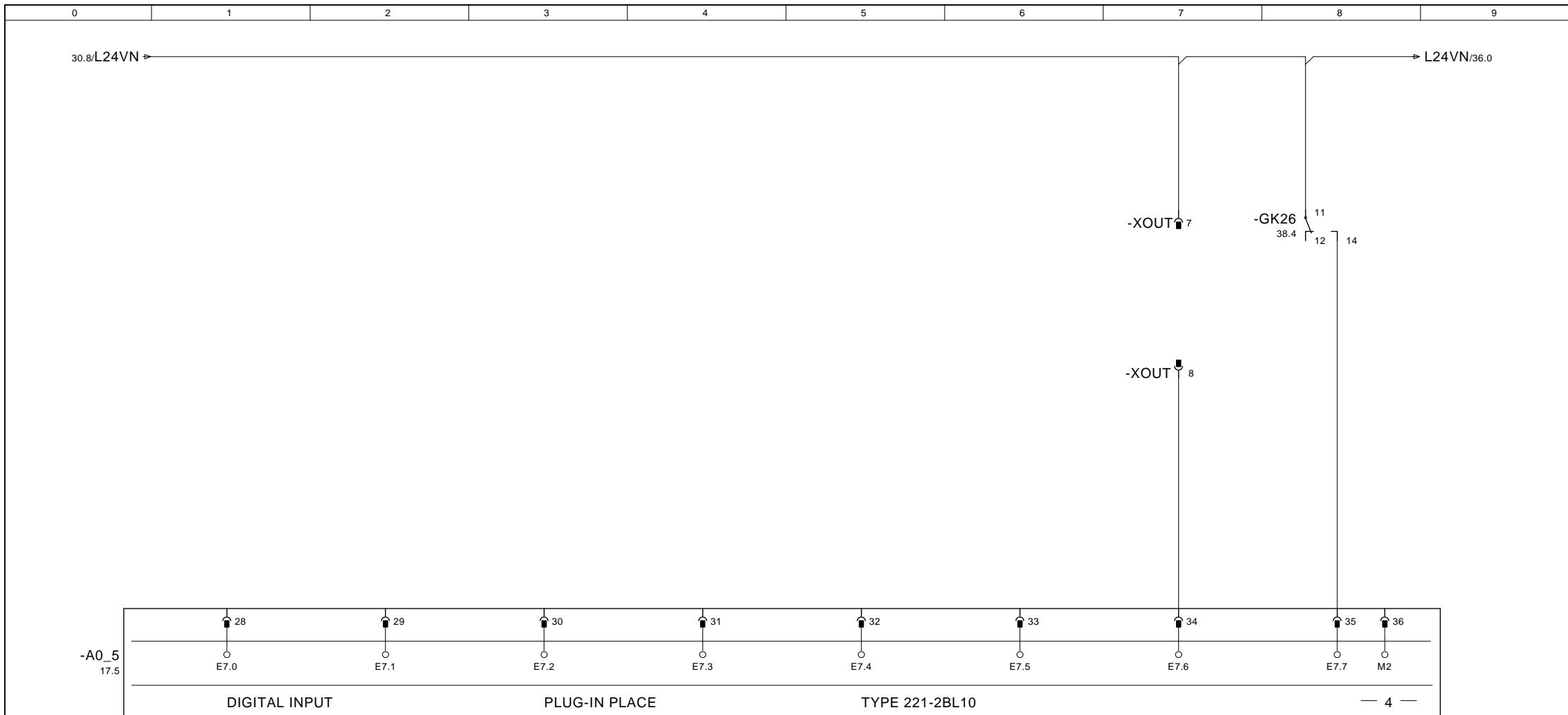
VIBRATING FEEDER FREQUENCY CONVERTER/ MAIN	SPARE	COUPLING ON/OFF	SPARE	SPARE	SPARE	VIBRATING FEEDER 8 +	VIBRATING FEEDER 8 -
AUFGABERINNE FU/NETZ	RESERVE	KUPPLUNG EIN/AUS	RESERVE	RESERVE	RESERVE	AUFGABERINNE 8 +	AUFGABERINNE 8 -

DATE	04.Dez.2015	KLEEMANN GMBH		 	DIGITALE EINGAENGE E 5.0 - E 5.7/ DIGITAL INPUTS E 5.0 - E 5.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	41



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

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



SPARE

SPARE

SPARE

SPARE

SPARE

SPARE

OVERLOAD
REMOVAL

PREWARNING
OIL TEMPERATUR

RESERVE

RESERVE

RESERVE

RESERVE

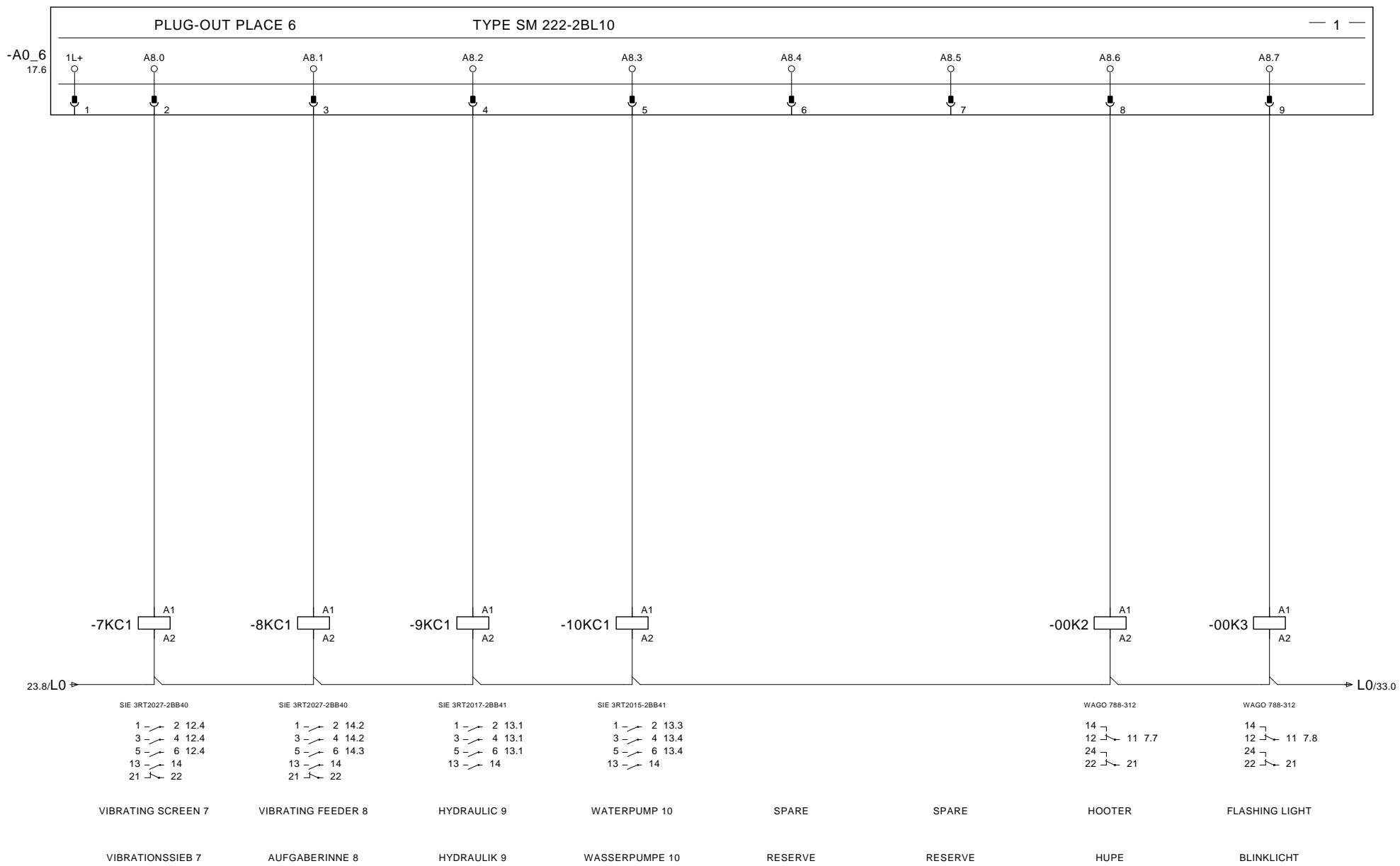
RESERVE

RESERVE

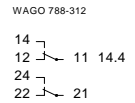
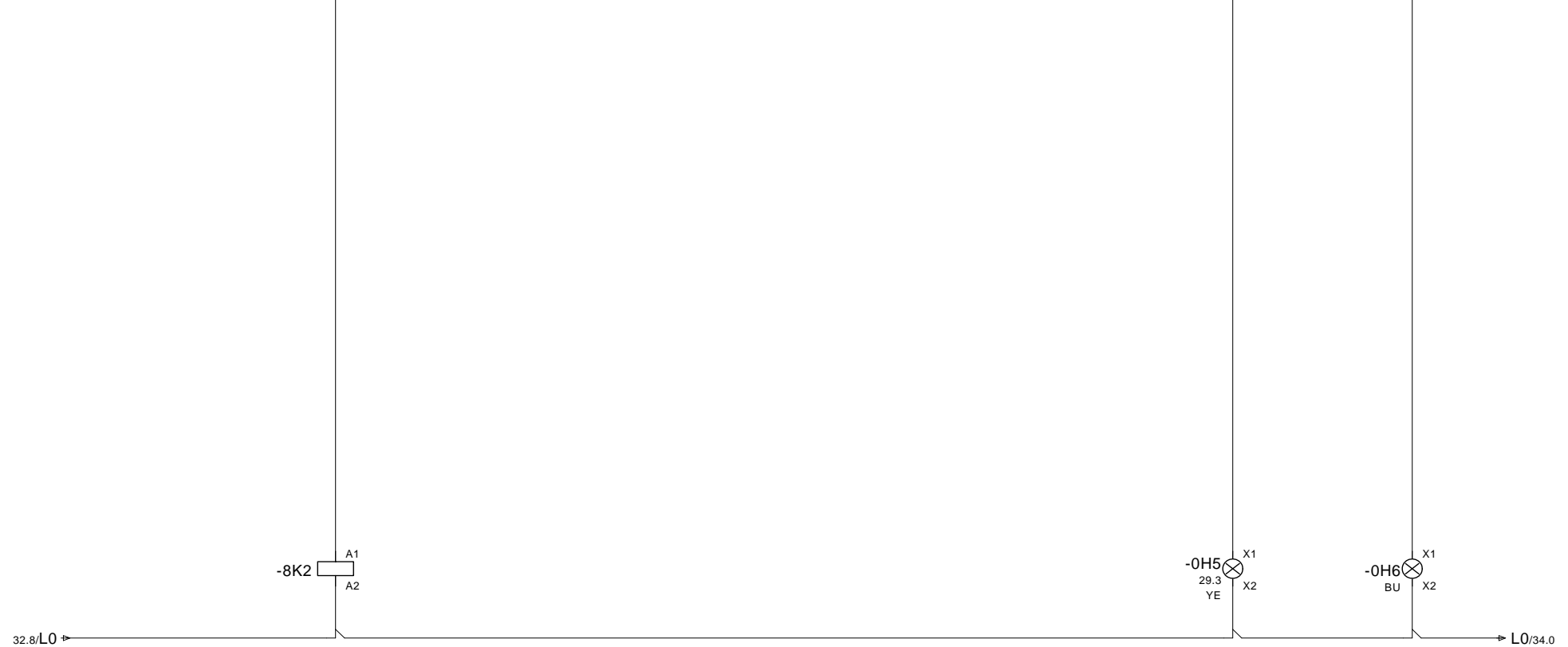
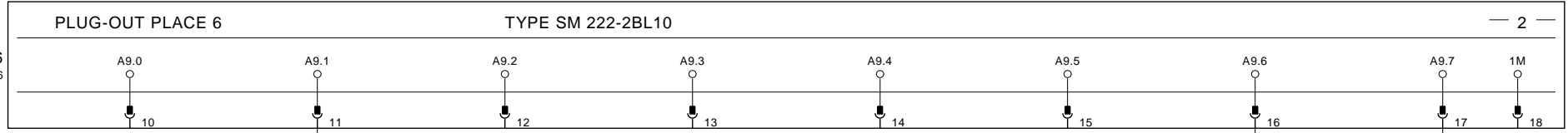
UEBERLAST
ABFOERDERUNG

VORWARNUNG
OELTEMPERATUR

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

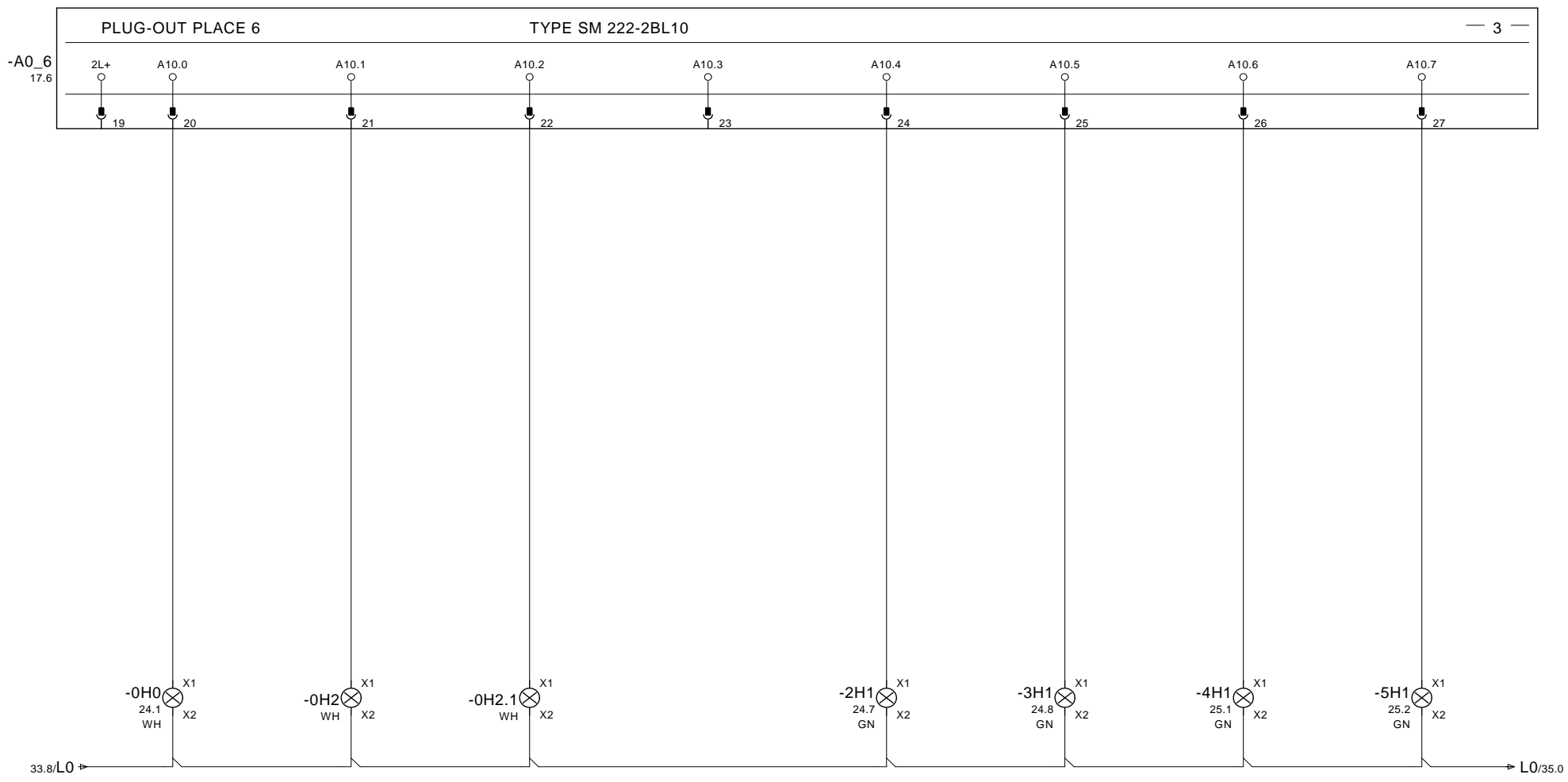


DATE	04.Dez.2015	KLEEMANN GMBH MOBICAT MC 120 Z US		DIGITALE EINGAENGE E 8.0 - E 8.7/ DIGITAL INPUTS E 8.0 - E 8.7	KLEEMANN SERIES	K007	= 100	+	
EDITED	JBR				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	32
CONTR.	D. MALLKOWSKY							PG.	41
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		



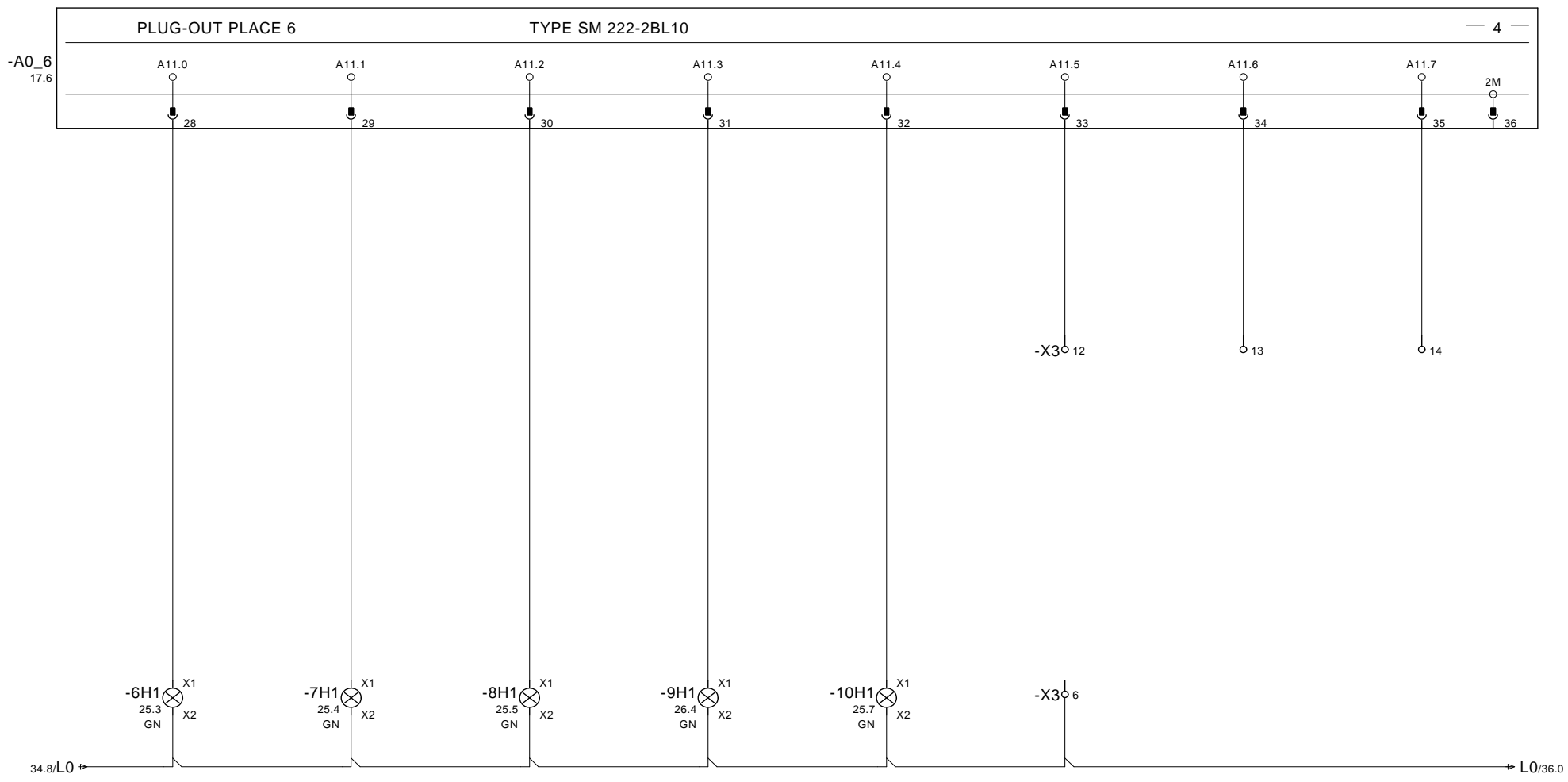
SPARE	START (RELEASING) FREQU. CONV. VIBRATING FEEDER 8	SPARE	SPARE	SPARE	SPARE	COUPLING ENGAGED	START-UP RELEASE
RESERVE	START (FREIGABE) FU AUFGABERINNE 8	RESERVE	RESERVE	RESERVE	RESERVE	KUPPLUNG EINGERUECKT	ANLAUFFREIGABE

DATE	04.Dez.2015	KLEEMANN GMBH				DIGITALE EINGAENGE E 9.0 - E 9.7/ DIGITAL INPUTS E 9.0 - E 9.7	KLEEMANN SERIES	K007	= 100	+
EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	33
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.					PG.	41

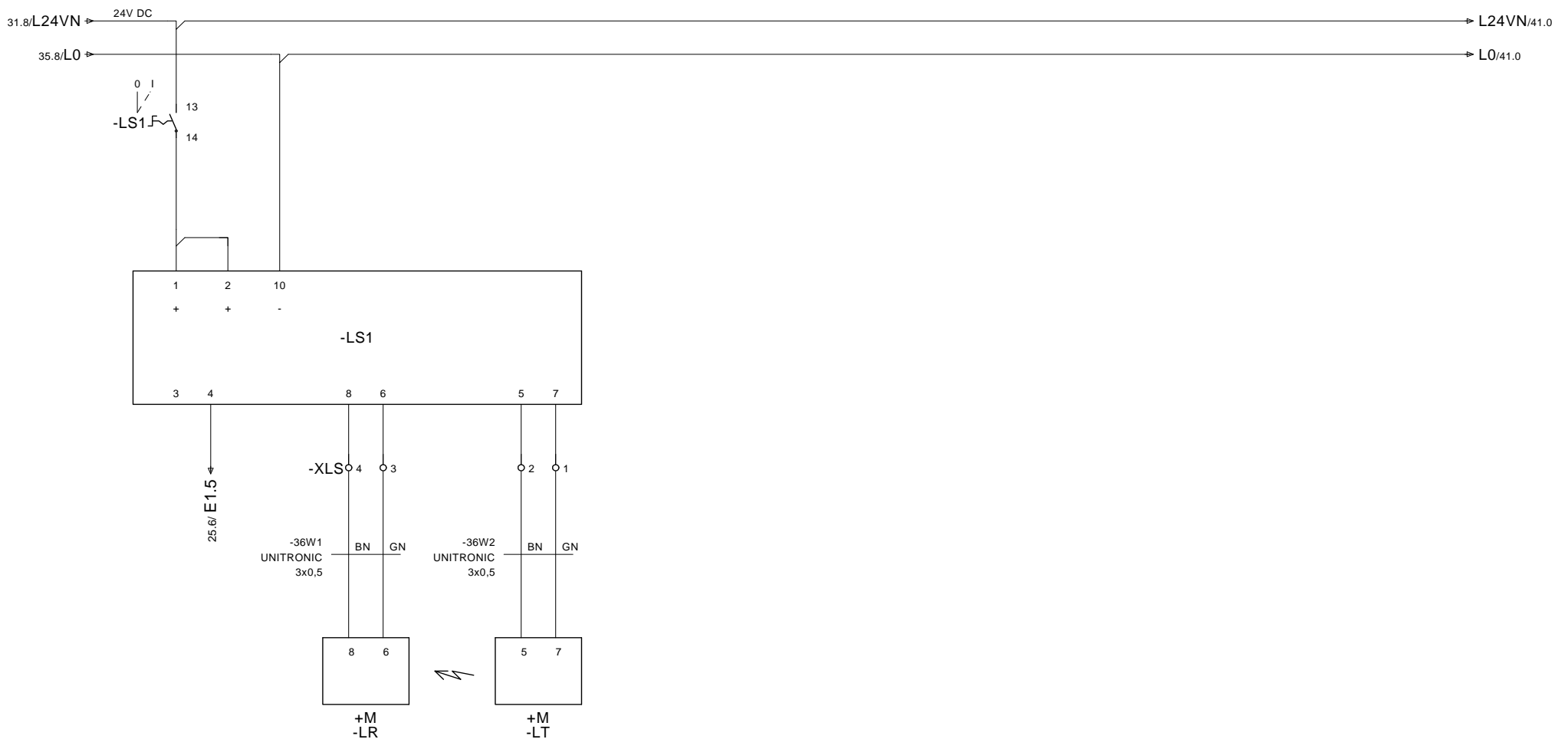


INSTALLATION ON	OPERATION	REPAIR	SPARE	CONVEYOR BELT 2 ON/OFF	MAGNETIC BELT 3 ON/OFF	CONVEYOR BELT 4 ON/OFF	VIBRATING CHUTE/ CRUSHER 5 ON/OFF
ANLAGE EIN	BETRIEB	REPARATUR	RESERVE	FOERDERBAND 2 EIN/AUS	MAGNETBAND 3 EIN/AUS	FOERDERBAND 4 EIN/AUS	FOERDERRINNE 5 EIN/AUS

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

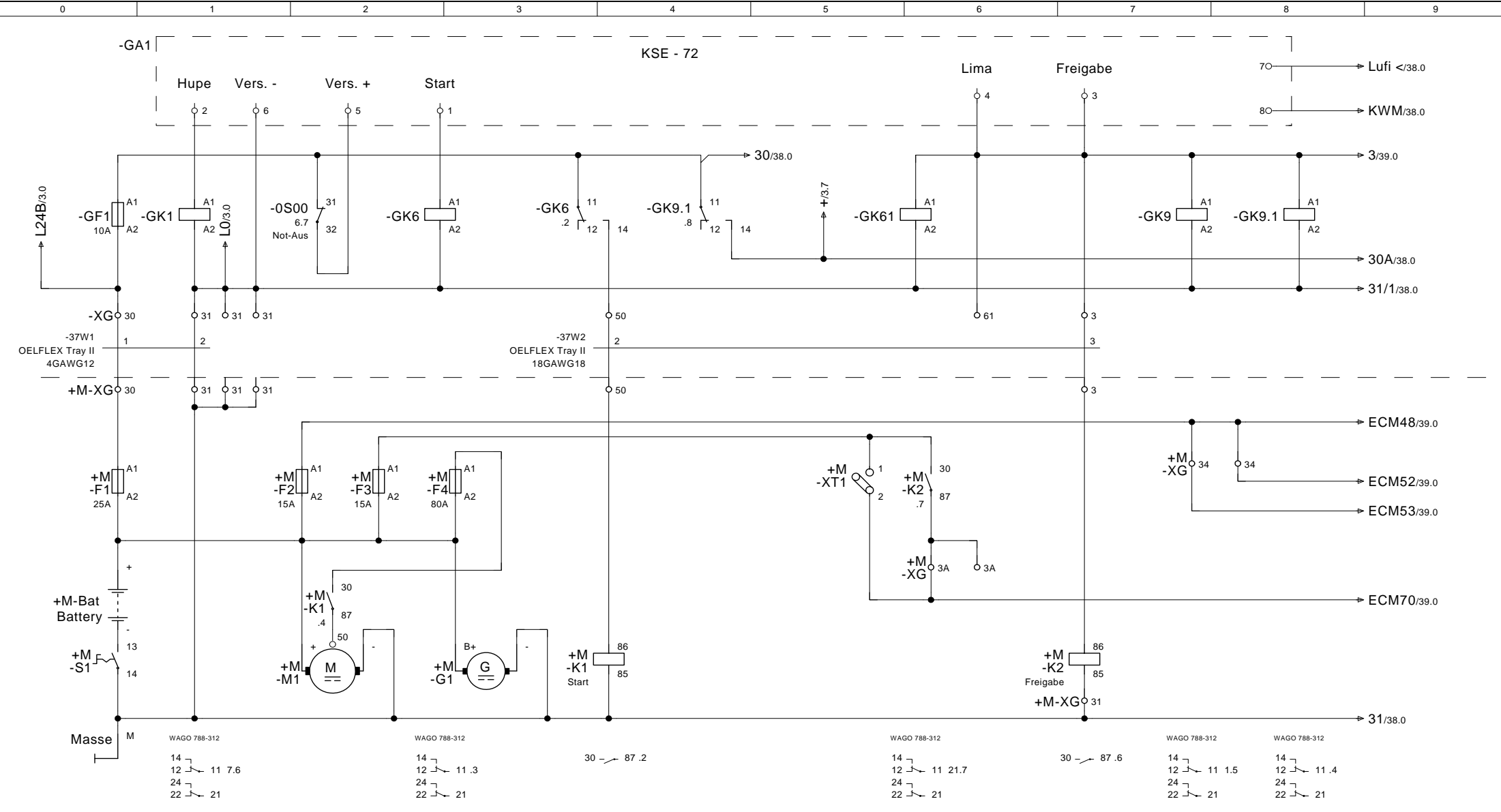


MAGNETIC BELT 6 ON/OFF	CONVEYOR BELT 7 ON/OFF	VIBRATING FEEDER 8 ON/OFF	CONVEYOR BELT 9 ON/OFF	VIBRATING FEEDER 10 ON/OFF	SPARE	SPARE	SPARE
MAGNETBAND 6 EIN/AUS	FOERDERBAND 7 EIN/AUS	AUFGABERINNE 8 EIN/AUS	FOERDERBAND 9 EIN/AUS	AUFGABERINNE 10 EIN/AUS	RESERVE	RESERVE	RESERVE



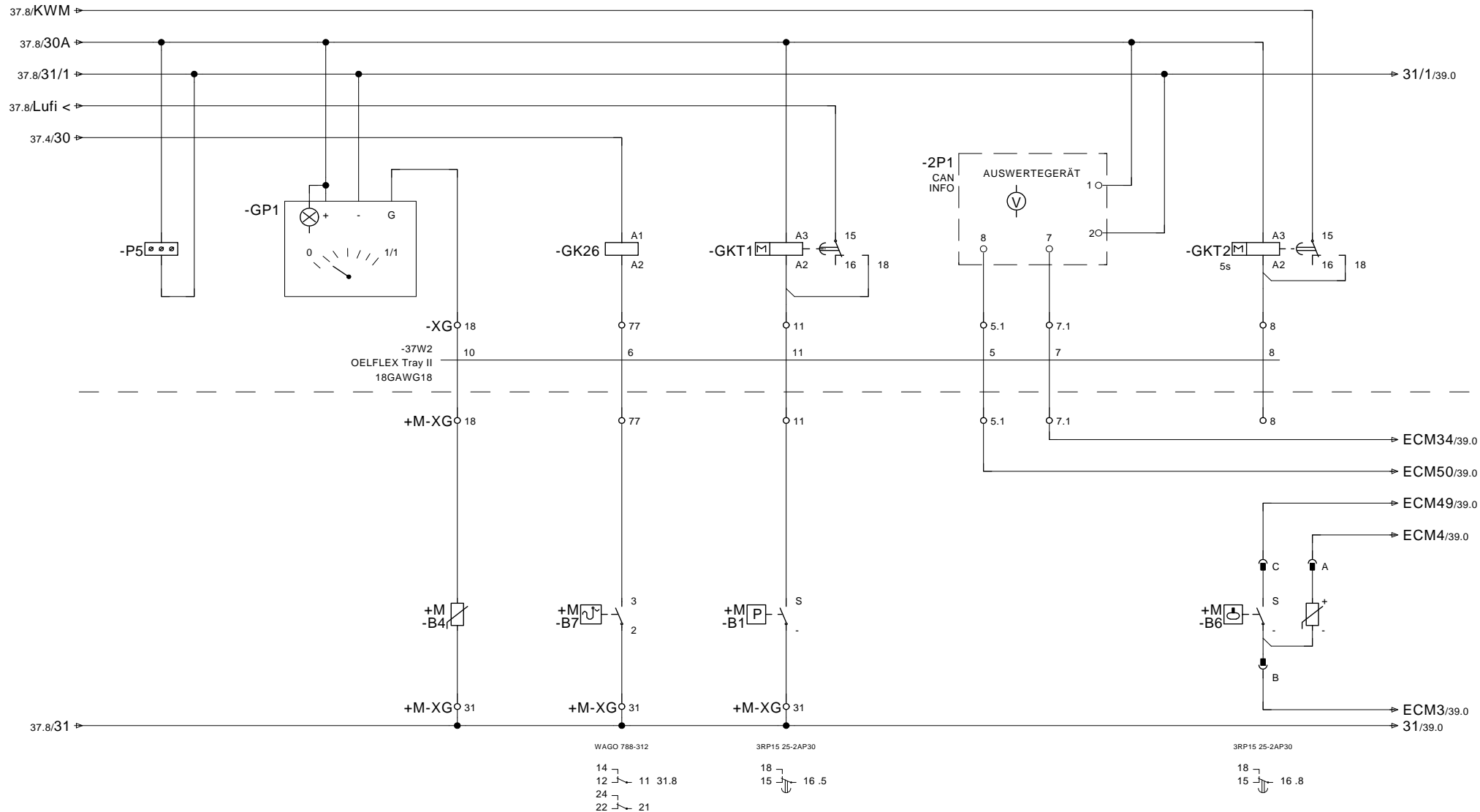
LIGHT BARRIER CRUSHER
 LICHTSCHRANKE BRECHER

		DATE	04.Dez.2015	KLEEMANN GMBH		 	LICHTSCHRANKE BRECHER/ LIGHT BARRIER CRUSHER	KLEEMANN SERIES	K007	= 100	+	
		EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	36
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	41



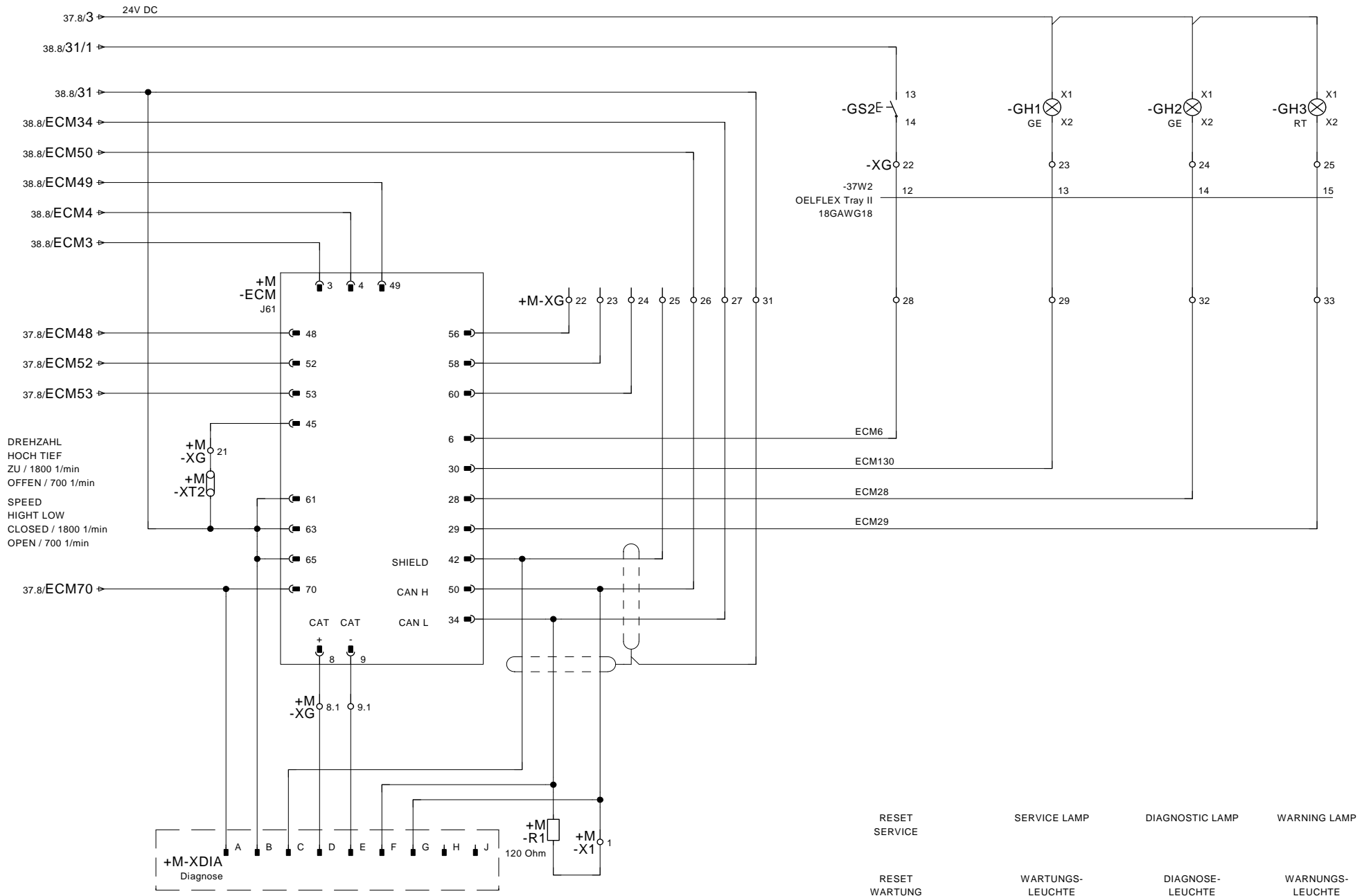
SUPPLY 24V	STARTER	DYNAMO	START	RELEASE
VERSOR- GUNG 24V	ANLASSER	LICHT- MASCHINE	START	FREIGABE

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



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

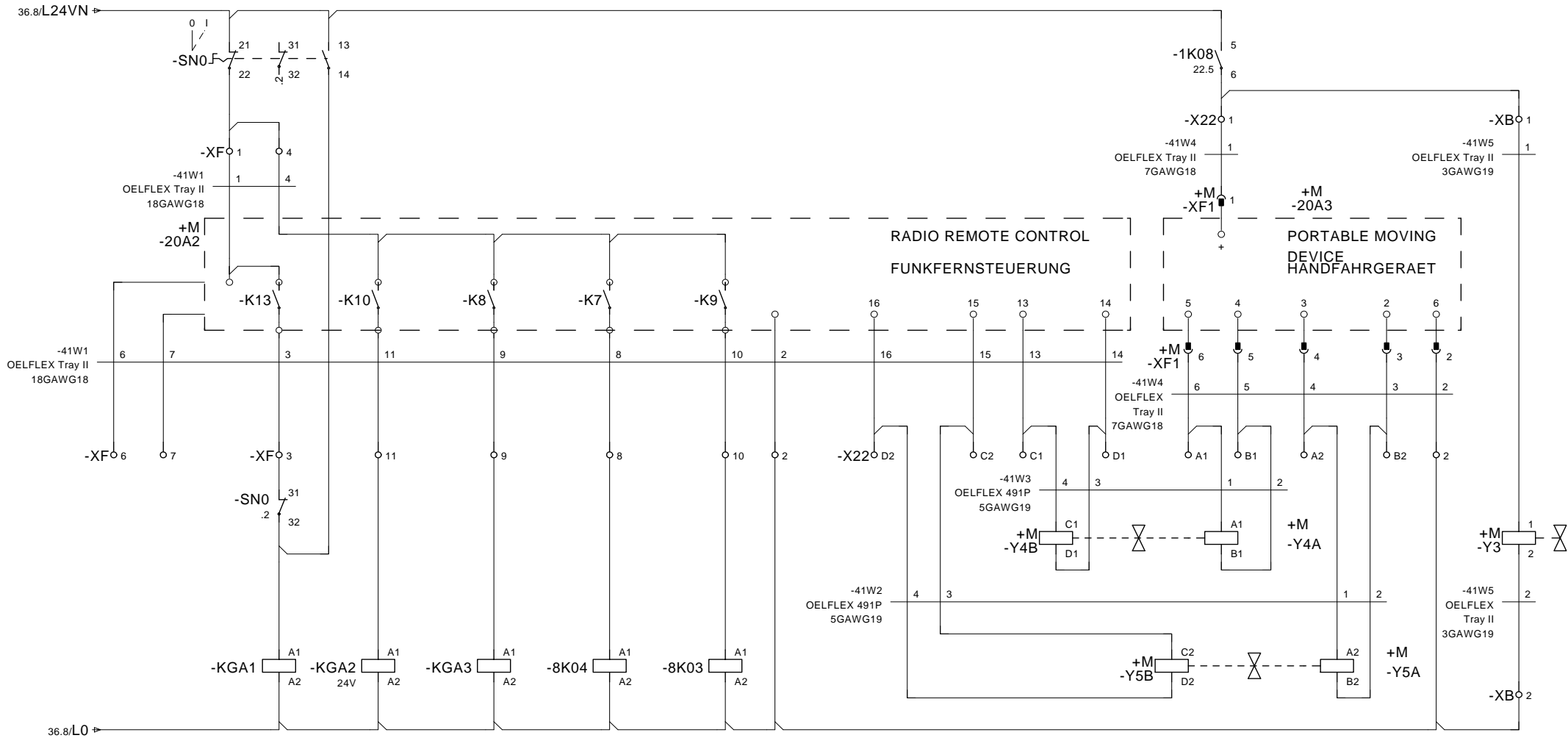
DATE		04.Dez.2015		KLEEMANN GMBH		BETRIEBSINSTRUMENTE/ OPERATIONAL INSTRUMENTS		KLEEMANN SERIES		K007		= 100		+	
EDITED		JBR		MOBICAT MC 120 Z US		WIRTSCHAFTS-GRUPPE KLEEMANN		KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 38	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.				PG. 41			



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

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



SIE 3RH2122-2BB40	WAGO 788-312	WAGO 788-312	WAGO 788-312	WAGO 788-312
13 → 14 6.5 21 → 22 31 → 32 43 → 44 6.6	14 → 11 26.5 24 → 21	14 → 11 26.6 24 → 21	14 → 11 26.7 24 → 21	14 → 11 26.8 24 → 21

INSTALLATION OFF (RADIO) ANLAGE AUS (FUNK)	VIBRATING CHUTE + SCREEN ON(REMOTE) RINNE + SIEB EIN (FUNK)	VIBRATING CHUTE + SCREEN OFF(REMOTE) RINNE + SIEB AUS (FUNK)	VIBRATING CHUTE SLOWER (RADIO) RINNE LANGSAMER (FUNK)	VIBRATING CHUTE FASTER (RADIO) RINNE SCHNELLER (FUNK)	RUN CHAIN LEFT (REMOTE) FAHREN KETTE LINKS (FUNK)	RUN CHAIN RIGHT (REMOTE) FAHREN KETTE RECHTS (FUNK)	RUN CHAIN RIGHT (MANUAL) FAHREN KETTE RECHTS (HAND)	RUN CHAIN LEFT (MANUAL) FAHREN KETTE LINKS (HAND)	BRACKE VALVE BREMSVENTIL
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=KLE/1

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

TERMINAL- /PLUG STRIP OVERVIEW

TPSPST2 31.03.2003

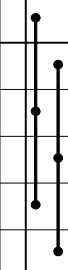
Terminal strip and connector design	Text in terminal and connector strip definition	Terminals / plugs					Graphics page of the terminal strip
		first	Last	Total PE	Total N	Total number	
-X0	KLEMMENLEISTE -X0/TERMINAL STRIP -X0	1	20	0	0	20	=KLE/10
-X1	KLEMMLEISTE -X1/ TERMINAL STRIP -X1	PE	PE	10	2	37	=KLE/11
-X3	KLEMMENLEISTE -X3/TERMINAL STRIP -X3	1	14	0	0	14	=KLE/13
-X5	KLEMMLEISTE -X5/ TERMINAL STRIP -X5	1	12	0	0	12	=KLE/14
-X6	KLEMMLEISTE -X6/ TERMINAL STRIP -X6	1	4	0	0	4	=KLE/16
-X8	KLEMMENLEISTE -X8/ TERMINAL STRIP -X8	PE	6	2	0	8	=KLE/17
-X00	KLEMMENLEISTE -X00/TERMINAL STRIP -X00	1	N115	0	2	34	=KLE/18
-X22	KLEMMLEISTE -X22/ TERMINAL STRIP -X22	1	D2	0	0	10	=KLE/20
-XB	KLEMMENLEISTE -XB/ TERMINAL STRIP -XB	1	2	0	0	2	=KLE/21
-XF	KLEMMLEISTE -XF/ TERMINAL STRIP -XF	1	11	0	0	10	=KLE/22
-XG	KLEMMENLEISTE -XG/ TERMINAL STRIP -XG	3	77	0	0	17	=KLE/23
-XK	KLEMMENLEISTE -XK/ TERMINAL STRIP -XK	1	2	0	0	4	=KLE/24
-XLS	KLEMMLEISTE -XLS TERMINAL STRIP -XLS	1	4	0	0	4	=KLE/25
-XT	KLEMMLEISTE -XT/ TERMINAL STRIP -XT	1	5	0	0	5	=KLE/26
-0X0	KLEMMLEISTE -0X0/ TERMINAL STRIP -0X0	PE	2	1	0	3	=KLE/27
-0X06	KLEMMLEISTE -0X06/TERMINAL STRIP -0X06	PE	2	1	0	3	=KLE/28
-0X07	KLEMMENLEISTE -0X07/ TERMINAL STRIP -0X07	PE	2	1	0	3	=KLE/29
+M-XG	KLEMMENLEISTE +M-XG/ TERMINAL STRIP +M-XG	3	77	0	0	34	=KLE/30

TERMINAL- /PLUG STRIP OVERVIEW

TPSPST2 31.03.2003

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

0		1		2		3		4		5		6		7		8		9					
FUNCTION TEXT		CABLE DESIGNATION/TYP										TERMINAL STRIP/PLUG -X0						CABLE DESIGNATION/TYP		PAGE/ PATH			
												DESIGNATION OF EXTERNAL DESTINATION		CONNECTION		NO.		BRIDGE		DESIGNATION OF INTERNAL DESTINATION		CONNECTION	
																		INTERNAL WIRING					
																		PLC DESIGNATION					
E-STOP PUSH-BUTTON		-06W7	OELFLEX 540P	5G1									1	=100+M-0S01	21	1				=100-0S00	21		=100/6.0
=													3	=100+M-0S01	11	2				=100-0S00	11		=100/6.1
=													2	=100+M-0S01	22	3							=100/6.0
=													1	+M-XS2	1	4							=100/6.1
=													4	=100+M-0S01	12	5							=100/6.0
=													3	+M-XS2	3	6							=100/6.1
=													1	=100+M-0S03	21	7							=100/6.0
=													2	+M-XS2	2	8							=100/6.1
=													3	=100+M-0S03	11	9							=100/6.2
=													4	+M-XS2	4	10							=100/6.2
=													2	=100+M-0S03	22	11							=100/6.0
=													1	=100+M-0S04	21	12							=100/6.1
=													4	=100+M-0S03	12	13							=100/6.4
=													3	=100+M-0S04	11	14							=100/6.4
=													1	+M-XS5	2	15							=100/6.4
=													2	=100+M-0S04	22	16							=100/6.2
=													3	+M-XS5	4	17							=100/6.2
=													4	=100+M-0S04	12	18							=100/6.2
=													2	+M-XS5	1	19							=100/6.3
=													1	=100+M-0S06	21	20							=100/6.4
=													4	+M-XS5	3								=100/6.4
=													3	=100+M-0S06	11								=100/6.4
=													2	=100+M-0S06	22								=100/6.4
=													1	=100+M-0S07	21								=100/6.4
=													4	=100+M-0S06	12								=100/6.4
=													2	=100+M-0S07	11								=100/6.4
=													2	=100+M-0S07	22								=100/6.4
=													4	=100+M-0S07	12								=100/6.4
=														-3X2	1								=100/6.4
=														-3X2	3								=100/6.4



0	1	2	3	4	5	6	7	8	9	
FUNCTION TEXT	CABLE DESIGNATION/TYPE	-13W3 OEFLEX Tray II 4G	-13W2 OEFLEX Tray II 3G	-13W1 OEFLEX Tray II 4G	-12W4 OEFLEX Tray II 4G	-12W3 OEFLEX Tray II 4G	-12W1 OEFLEX Tray II 4G	TERMINAL STRIP/PLUG -X1	CABLE DESIGNATION/TYPE	PAGE/ PATH
					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION	CONNECTION
								INTERNAL WIRING	PLC DESIG- NATION	
CONVEYOR BELT 6							3			
VIBRATING SCREEN 7					PE		3			
=					1		16			
=					2		17			
=					3		18			
HYDRAULIC 9				PE			19			
=				1			20			
=				2			21			
=				3			22			
WATERPUMP 10			PE				23			
=			1				24			
=			2				25			
EXCESS PRESSURE FAN 1		PE					26			
=		1					27			
=		2								
=		3								
CRUSHER 1										

DATE	24.Sep.2012	KLEEMANN GMBH	 	KLEMMLEISTE -X1/ TERMINAL STRIP -X1	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z US		REP.T.		KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY							PG. 39
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.		

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

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

TERMINAL STRIP/PLUG

-X5

CABLE DESIGNATION/TYPE

FUNCTION TEXT

CABLE DESIGNATION/TYPE

PAGE/
PATH

VIBRATING FEEDER 8 DRIVE RIGHT

=

-14W4
OE FLEX Tray II
3G1.5

DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION
			INTERNAL WIRING	PLC DESIGNATION		

1	=100+M-8M2		11	●			=100/14.4
2	=100+M-8M2		12		=100-8K0	T2	=100/14.4

FUNCTION TEXT		CABLE DESIGNATION/TYPE	TERMINAL STRIP/PLUG -X6										CABLE DESIGNATION/TYPE	PAGE/ PATH
			DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION				
						FIXED	INTERNAL WIRING							
HOOTER			1 =100+M-00H2	A1	1				=100-00K2	14				=100/7.7
=			2 =100+M-00H2	A2	2	•			-XK	2				=100/7.7
FLASHING LIGHT			1 =100+M-00H3	X1	3				=100-00K3	14				=100/7.8
=			2 =100+M-00H3	X2	4	•			=100-1K0	A2				=100/7.8

TERMINAL STRIP/PLUG -X8

FUNCTION TEXT	CABLE DESIGNATION/TYP	4G2.5	OEFLEX FD855CP	-14W3	4G2.5	OEFLEX FD855CP	-14W1	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/PATH
											FIXED	INTERNAL WIRING					
VIBRATING FEEDER 8 DRIVE LEFT								PE =100+M-8M1	PE					=100-8A1	PE		=100/14.3
=								1 =100+M-8M1	U1	1				=100-8F2	2		=100/14.2
=								2 =100+M-8M1	V1	2				=100-8F2	4		=100/14.2
=								3 =100+M-8M1	W1	3				=100-8F2	6		=100/14.3
VIBRATING FEEDER 8 DRIVE RIGHT								PE =100+M-8M2	PE					=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		
												DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE				DESIGNATION OF INTERNAL DESTINATION	CONNECTION
															INTERNAL WIRING	PLC DESIG- NATION				
CONTROL VOLTAGE ON												=100+S-XSBT1	7	1	•			=100-0K1	4	=100/7.4
												=100-SC	13	1	•			=100-8K0	A1	=100/17.1
												=100-A0_OP-X1	L+	1	•					=100/17.2
												=100-A0_CPU	1	1	•					=100/17.2
												-A0_2	1	1	•	L+				=100/17.2
												-A0_2	1	1	•	L+				=100/17.3
												-A0_3	1	1	•	L+	-A0_2	2		=100/17.4
INSTALLATION ON												=100-S0.0	13	1	•			=100-GK61	11	=100/24.1
CONVEYOR BELT 4 ON/OFF												=100-4S1	13	1	•			=100-2S2	13	=100/25.1
SUPPLY 24V AFTER EMERGENCY STOP												=100-KN1	A2	2	•			=100-D1	A2	=100/7.1
=												=100-KN2	A2	2	•					=100/7.2
=												=100-TK1		2	•					=100/7.2
CONTROL VOLTAGE ON												=100-0K1	A2	2	•			-XK	2	=100/7.3
												=100-A_FW-X1	0V	2	•			=100-8K0	A2	=100/17.1
												=100-A0_OP-X1	M	2	•					=100/17.2
												=100-A0_CPU	2	2	•					=100/17.2
												-A0_2	18	2	•	M				=100/17.3
												-A0_2	18	2	•	M				=100/17.3
												-A0_3	18	2	•	M				=100/17.4
												-A0_4	18	2	•	M1				=100/17.4
												-A0_4	36	2	•	M2				=100/17.5
												-A0_5	18	2	•	M1				=100/17.5

0	1	2	3	4	5	6	7	8	9							
FUNCTION TEXT	CABLE DESIGNATION/TYPE									TERMINAL STRIP/PLUG -X00					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			
						-A0_5	36	2	●		M2					=100/17.6
						-A0_6	18	2	●		1M					=100/17.6
						-A0_6	36	2	●		2M					=100/17.7
SET VALUE FREQUENCY CONVERTER VIBRATING FEEDER 8						-A0_2	14	2	●			=100-1K1	A2			=100/19.3
SUPPLY 24V AFTER EMERGENCY STOP						=100-KN2	14	3	●							=100/7.2
=								3	●							=100/7.2
						-A0_6	1	3	●		1L+					=100/17.6
						-A0_6	19	3	●		2L+					=100/17.6
TOTAL FAULT CURRENT PROTECTION						=100-PE	PEN	N	●			=100-0F01	8			=100/1.6
=								N	●			=100-0X1	N			=100/1.6
SOCKET 15A/115V								L115	●			=100-0F1.3	1			=100/5.5
=						=100-1K01	A1	L115	●							=100/5.5
=								N115	●			=100-0T1	V2			=100/5.5
=						=100-1K01	A2	N115	●							=100/5.5

DATE		24.Sep.2012		KLEEMANN GMBH		 		KLEEMANN SERIES		K007		= KLE		+	
EDITED		JHE		MOBICAT MC 120 Z US		KLEMMENLEISTE -X00/ TERMINAL STRIP -X00		KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 19	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 39			

FUNCTION TEXT	CABLE DESIGNATION/TYP									TERMINAL STRIP/PLUG							CABLE DESIGNATION/TYP	PAGE/ PATH
										-X22								
										DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	F I X E D	BRIDGE	INTERNAL WIRING	PLC DESIG- NATION		
EINSPEISUNG 24V DC								1	+M-XF1	1	1				=100-1K08	6	=100/41.7	
EINSPEISUNG 0V DC								2	+M-XF1	2	2				-XB	1	=100/41.9	
RUN CHAIN RIGHT (MANUAL)								6	+M-XF1	6	A1						=100/41.7	
RUN CHAIN LEFT (MANUAL)								4	+M-XF1	4	A2						=100/41.8	
RUN CHAIN RIGHT (MANUAL)							1	5	+M-XF1	5	B1						=100/41.7	
RUN CHAIN LEFT (MANUAL)								2	+M-XF1	3	B2						=100/41.8	
RUN CHAIN RIGHT (REMOTE)							2	13	+M-XF1	13	C1						=100/41.6	
RUN CHAIN LEFT (REMOTE)								4	+M-XF1	15	C2						=100/41.6	
RUN CHAIN RIGHT (REMOTE)							3	14	+M-XF1	14	D1						=100/41.7	
RUN CHAIN LEFT (REMOTE)								3	+M-XF1	16	D2						=100/41.5	
								4	+M-XF1									

TERMINAL STRIP/PLUG

-XB

FUNCTION TEXT

CABLE DESIGNATION/TYPE

CABLE DESIGNATION/TYPE

PAGE/
PATH

3G
-41W5
DELFLEX Tray II

FUNCTION TEXT	CABLE DESIGNATION/TYPE								DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION	CONNECTION				PAGE/ PATH
												FIXED	INTERNAL WIRING						
BRACKE VALVE								1 =100+M-Y3	1		1			-X22	1				=100/41.9
=								2 =100+M-Y3	2		2			-X22	2				=100/41.9

FUNCTION TEXT	CABLE DESIGNATION/TYP	18G	-XF	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/PATH
							FIXED	INTERNAL WIRING					
VIBRATING CHUTE FASTER (RADIO)				=100+M-20A2		1	●			=100-SN0	22		=100/41.1
INSTALLATION OFF (RADIO)				=100+M-20A2		2				=100-8K03 -X22	A2 2		=100/41.5
=				=100+M-20A2		3				=100-SN0	31		=100/41.2
				=100+M-20A2		4	●						=100/41.2
				=100+M-20A2		6							=100/41.1
VIBRATING CHUTE SLOWER (RADIO)				=100+M-20A2		7							=100/41.1
VIBRATING CHUTE + SCREEN OFF(REMOTE)				=100+M-20A2		8				=100-8K04	A1		=100/41.4
VIBRATING CHUTE FASTER (RADIO)				=100+M-20A2		9				=100-KGA3	A1		=100/41.3
VIBRATING CHUTE + SCREEN ON(REMOTE)				=100+M-20A2		10				=100-8K03	A1		=100/41.4
				=100+M-20A2		11				=100-KGA2	A1		=100/41.2

DATE		24.Sep.2012		KLEEMANN GMBH				KLEEMANN SERIES		K007		= KLE		+	
EDITED		JHE		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM:		EPLAN 5.70	
CONTR.		D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.				PG.		22	
MODIFICAT.		DATE		NAME		NORM		DIN		ORIGIN		REP.F.		REP.T.	
												PG.		39	

FUNCTION TEXT	CABLE DESIGNATION/TYP								-37W1 OE FLEX Tray II 4G	-37W2 OE FLEX Tray II 18G	TERMINAL STRIP/PLUG -XG						CABLE DESIGNATION/TYP	PAGE/ PATH	
											DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		DESIGNATION OF INTERNAL DESTINATION			CONNECTION
														FIXED	INTERNAL WIRING				
RELEASE										3	+M-XG	3				=100-GA1	3	=100/37.7	
OIL PRESSURE										5	+M-XG	5.1				=100-2P1	8	=100/38.6	
TEMPERATURE										7	+M-XG	7.1				=100-2P1	7	=100/38.6	
COOLING WATER LOW LEVEL										8	+M-XG	8				=100-GKT2	A2	=100/38.8	
AIR FILTER PLUGGES										11	+M-XG	11				=100-GKT1	A2	=100/38.5	
FUEL LEVEL										10	+M-XG	18				=100-GP1	G	=100/38.3	
RESET SERVICE										12	+M-XG	28				=100-GS2	14	=100/39.6	
SERVICE LAMP										13	+M-XG	29				=100-GH1	X2	=100/39.7	
DIAGNOSTIC LAMP										14	+M-XG	32				=100-GH2	X2	=100/39.7	
WARNING LAMP										15	+M-XG	33				=100-GH3	X2	=100/39.8	
SUPPLY 24V									1		+M-XG	30				=100-GF1	A2	=100/37.0	
SUPPLY 0V									2		+M-XG	31				=100-0F06	1		
=												31				=100-GK1	A2	=100/37.1	
=												31				-OX06	2	=100/37.1	
=												31				=100-GA1	6	=100/37.1	
START										2	+M-XG	50				=100-GK6	A2		
=												50				=100-GK6	14	=100/37.4	
=												61				=100-GA1	4	=100/37.6	
TEMPERATURE INDICATION 2: 100°C										6	+M-XG	77				=100-GK26	A2	=100/38.4	

DATE	24.Sep.2012	KLEEMANN GMBH	 	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z US		KLEMMENLEISTE -XG/ TERMINAL STRIP -XG	KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.			PG. 39
DATE		NAME	NORM	DIN			

FUNCTION TEXT	CABLE DESIGNATION/TYP										TERMINAL STRIP/PLUG									CABLE DESIGNATION/TYP	PAGE/ PATH		
											DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE								DESIGNATION OF INTERNAL DESTINATION	CONNECTION
														FIXED	INTERNAL WIRING								
TOTAL FAULT CURRENT PROTECTION												=100-0SS	13	1				=100-TS1	13	=100/1.7			
=												=100-TS1	14	2				=100-TS2	13	=100/1.7			
=												=100-TS2	14	3				=100-TS3	13	=100/1.7			
=												=100-TS3	14	4				=100-TS4	13	=100/1.7			
=												=100-TS4	14	5				=100-0SS	14	=100/1.7			

FUNCTION TEXT	CABLE DESIGNATION/TYPE	-03W2 DELFLEX Tray II	3G	TERMINAL STRIP/PLUG -0X0						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		
BELT WEIGHER				PE =100+M-B1	PE	PE				=100-PE			=100/3.5
=				1 =100+M-B1	1	1				=100-0K1	54		=100/3.5
=				2 =100+M-B1	2	2				-0X07 =100-KX	2 A2		=100/3.5

0	1	2	3	4	5	6	7	8	9							
FUNCTION TEXT	CABLE DESIGNATION/TYPE															
				-03W1	5G	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE	INTERNAL WIRING	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYPE	PAGE/PATH
ILLUMINATION 2								PE					=100-PE			=100/3.4
=						3 =100+M-E2	X1	1					=100-KX	24		=100/3.3
=						4 =100+M-E2	X2	2					-0X06	2		=100/3.3
													-0X0	2		

0	1	2	3	4	5	6	7	8	9					
FUNCTION TEXT	CABLE DESIGNATION/TYP									CABLE DESIGNATION/TYP	PAGE/PATH			
						DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION		
									INTERNAL WIRING					
RELEASE						3 -XG	3	3			=100-K2	86		=100/37.7
START						=100-XT1	2	3A	●		=100-K2	87		=100/37.6
=								3A	●					=100/37.6
OIL PRESSURE						5 -XG	5.1	5.1	●					=100/38.6
TEMPERATURE						7 -XG	7.1	7.1	●					=100/38.6
COOLING WATER LOW LEVEL						8 -XG	8	8	●					=100/38.8
								8.1			-ECM	8		=100/39.2
								9.1			-ECM	9		=100/39.2
AIR FILTER PLUGGES						11 -XG	11	11			=100-B1	S		=100/38.5
FUEL LEVEL						10 -XG	18	18			=100-B4			=100/38.3
						=100-XT2		21			-ECM	45		=100/39.1
								22			-ECM	56		=100/39.3
								23			-ECM	58		=100/39.4
								24			-ECM	60		=100/39.4
								25						=100/39.4
						-X1	1	26	●					=100/39.4
						-ECM	34	27	●					=100/39.4
RESET SERVICE						=100-R1								
						12 -XG	22	28			-ECM	6		=100/39.6
SERVICE LAMP						13 -XG	23	29			-ECM	30		=100/39.7
SUPPLY 24V						1 -XG	30	30			=100-F1	A1		=100/37.0

DATE		24.Sep.2012		KLEEMANN GMBH		 		KLEEMANN SERIES		K007		= KLE		+	
EDITED		JHE		MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 30	
CONTR.		D. MALLKOWSKY												PG. 39	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.								

FUNCTION TEXT	CABLE DESIGNATION/TYP							-11W2 OE FLEX Tray II 3G	-11W1 OE FLEX Tray II 4G	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	CABLE DESIGNATION/TYP	PAGE/ PATH	
													F	I						
													X	E						
CONVEYOR BELT 4 = = = = = = =										=100+M-4M1	U	1				=100-4KC1	2		=100/11.1	
										=100+M-4M1	V	2				=100-4KC1	4		=100/11.1	
										=100+M-4M1	W	3				=100-4KC1	6		=100/11.1	
												4								
									1		=100+M-4M1		5			=100-4K0	T1		=100/11.2	
									2		=100+M-4M1		6			=100-4K0	T2		=100/11.2	
											PE =100+M-4M1	PE	PE			=100-PE			=100/11.2	

DATE	24.Sep.2012	KLEEMANN GMBH		 	STECKER -4X1/ PLUG -4X1	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z US			REP.T.		KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.						PG. 39
MODIFICAT.	DATE	NAME	NORM	DIN					



0	1	2	3	4	5	6	7	8	9			
FUNCTION TEXT	CABLE DESIGNATION/TYPE					DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	PAGE/PATH
E-STOP PUSH-BUTTON						1 =100+M-0S08	22	1		-3X2	2	=100/6.5
						2 =100+M-0S08	21	2		-X3	1	=100/6.5
						3 =100+M-0S08	12	3		-3X2	4	=100/6.6
						4 =100+M-0S08	11	4		-X3	3	=100/6.6
								PE				

DATE 24.Sep.2012 EDITED JHE CONTR. D. MALLKOWSKY					KLEEMANN GMBH MOBICAT MC 120 Z US			 kleemann	STECKER -4X2/ PLUG -4X2		KLEEMANN SERIES K007		= KLE +	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 35	
												PG. 39		

TERMINAL STRIP/PLUG +M-XF1

FUNCTION TEXT	CABLE DESIGNATION/TYPE															-1W4	OBEFLEX Tray II	7G	CABLE DESIGNATION/TYPE	PAGE/ PATH		
		DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	BRIDGE		PLC DESIG- NATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION													
					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	

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

 	STECKER +M-XF1 PLUG +M-XF1	KLEEMANN SERIES K007	= KLE +
KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 36 PG. 39

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

		DATE	24.Sep.2012	KLEEMANN GMBH			 kleemann	STECKER +M-XS2/ PLUG +M-XS2	KLEEMANN SERIES	K007	= KLE	+
		EDITED	JHE	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG.	39

0	1	2	3	4	5	6	7	8	9	TERMINAL STRIP/PLUG +M-XS5														
										-06W15 OEFLEX 540P		5G1	FUNCTION TEXT	CABLE DESIGNATION/TYPE	DESIGNATION OF EXTERNAL DESTINATION	CONNECTION	NO.	FIXED	BRIDGE		PLC DESIGNATION	DESIGNATION OF INTERNAL DESTINATION	CONNECTION	-06W5 OEFLEX 540P
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		

				DATE	24.Sep.2012	KLEEMANN GMBH		 kleemann		STECKER +M-XS5/ PLUG +M-XS5		KLEEMANN SERIES K007		= KLE		+	
				EDITED	JHE	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 38			
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 39					

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

38

=KAB/1

DATE	24.Sep.2012	KLEEMANN GMBH	 kleemann	STECKER +M-6X1/ PLUG +M-6X1	KLEEMANN SERIES	K007	= KLE	+
EDITED	JHE	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY							PG. 39
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

Cable overview

TPS_PST2 15.04.2003

Cable id	Cable name	Source from	Target to	Cable type	Total Cores	used Cores	Cross section mm ²	Length m	Remark	Graphics Page
-03W1				OELFLEX Tray II	5G	4	-	-		/10
		-0X06	=100+M-E1		5G	2	-	-		/10
		-0X07	=100+M-E2		5G	2	-	-		/10
-03W2		-0X0	=100+M-B1	OELFLEX Tray II	3G	3G	-	-		/11
-06W1		-X0	=100+M-0S01	OELFLEX 540P	5G	4	1	-		/12
-06W2		-X0	+M-XS2	OELFLEX 540P	5G	4	1	-		/13
-06W3		-X0	=100+M-0S03	OELFLEX 540P	5G	4	1	-		/14
-06W4		-X0	=100+M-0S04	OELFLEX 540P	5G	4	1	-		/15
-06W5		-X0	+M-XS5	OELFLEX 540P	5G	4	1	-		/16
-06W6		-X0	=100+M-0S06	OELFLEX 540P	5G	4	1	-		/17
-06W7		-X0	=100+M-0S07	OELFLEX 540P	5G	4	1	-		/18
-06W8		-4X2	=100+M-0S08	OELFLEX 540P	5G	4	1	-		/19
-07W1		-XK	=100+M-Y9	OELFLEX Tray II	3G	2	-	-		/22
-07W2		-XK	=100+M-1H2	OELFLEX Tray II	3G	2	-	-		/23
-07W3		-X6	=100+M-00H2	OELFLEX Tray II	3G	2	-	-		/24
-07W4		-X6	=100+M-00H3	OELFLEX Tray II	3G	2	-	-		/25
-08W8		-X5	=100+M-1R1	OELFLEX Tray II	3G	2	-	-		/26
-10W1		-X1	=100+M-2M1	OELFLEX Tray II	4G	4G	-	-		/27
-10W2		-X1	=100+M-2Y1	OELFLEX Tray II	5G	5G	-	-		/28
-10W3		=100-3X2	=100+M-3M1	OELFLEX Tray II	4G	4G	-	-		/29
-11W1		-4X1	=100+M-4M1	OELFLEX Tray II	4G	4G	-	-		/30
-11W2		-4X1	=100+M-4M1	OELFLEX Tray II	3G	2	-	-		/31
-11W3		-X1	=100+M-5M1	OELFLEX Tray II	4G	4G	-	-		/32
-11W4		-X5	=100+M-5M1	OELFLEX Tray II	3G	2	-	-		/33
-11W5		-X1	=100+M-5M2	OELFLEX Tray II	4G	4G	-	-		/34
-11W6		-X5	=100+M-5M2	OELFLEX Tray II	3G	2	-	-		/35
-12W1		-X1	+M-6X1	OELFLEX Tray II	4G	4G	-	-		/36
-12W2		+M-6X1	=100+M-6M1	OELFLEX Tray II	4G	4G	-	-		/37
-12W3		-X1	=100+M-6X2	OELFLEX Tray II	4G	4G	-	-		/38
-12W4		-X1	=100+M-7M1	OELFLEX Tray II	4G	4G	-	-		/39
-12W5		-X5	=100+M-7M1	OELFLEX Tray II	3G	2	-	-		/40
-13W1		-X1	=100+M-9M1	OELFLEX Tray II	4G	4G	-	-		/41
-13W2		-X1	=100+M-WP	OELFLEX Tray II	3G	3G	-	-		/42
-13W3		-X1	=100+M-13M1	OELFLEX Tray II	4G	4G	-	-		/43
-14W1		-X8	=100+M-8M1	OELFLEX FD855CP	4G+Schirm	4G	2.5	-		/44

=KLE/39

2

DATE		24.Sep.2012		KLEEMANN GMBH		 		KABELUEBERSICHT/ CABLE SURVEY		KLEEMANN SERIES		K007		= KAB		+	
EDITED		JHE		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 1	
CONTR.		D. MALLKOWSKY														PG. 56	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

Cable overview

TPS_PST2 15.04.2003

Cable id	Cable name	Source from	Target to	Cable type	Total Cores	used Cores	Cross section mm ²	Length m	Remark	Graphics Page
-14W2		-X5	=100+M-8M1	OELFLEX Tray II	3G	2	1.5	-		/45
-14W3		-X8	=100+M-8M2	OELFLEX FD855CP	4G+Schirm	4G	2.5	-		/46
-14W4		-X5	=100+M-8M2	OELFLEX Tray II	3G	2	1.5	-		/47
-36W1		-XLS	=100+M-LR	UNITRONIC	3+Schirm	2	0.5	-		/48
-36W2		-XLS	=100+M-LT	UNITRONIC	3+Schirm	2	0.5	-		/49
-37W1		-XG	+M-XG	OELFLEX Tray II	4G	2	-	-		/50
-37W2		-XG	+M-XG	OELFLEX Tray II	18G	12	-	-		/51
-41W1				OELFLEX Tray II	18G	14	-	-		/52
		-XF	=100+M-20A2		18G	10	-	-		/52
		-X22	=100+M-20A2		18G	4	-	-		/52
-41W2		-X22	=100+M-Y5B	OELFLEX 491P	5G	4	-	-		/53
-41W3		-X22	=100+M-Y4B	OELFLEX 491P	5G	4	-	-		/54
-41W4		-X22	+M-XF1	OELFLEX Tray II	7G	6	-	-		/55
-41W5		-XB	=100+M-Y3	OELFLEX Tray II	3G	2	-	-		/56
-06W12		+M-XS2	=100+M-0S02	OELFLEX 540P	5G	4	1	-		/20
-06W15		+M-XS5	=100+M-0S05	OELFLEX 540P	5G	4	1	-		/21

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME				CABLE TYPE					
-06W1				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	1	1	=100+M-0S01	21	=100/6.0	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.0	-X0	3	2	=100+M-0S01	22	=100/6.0	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.1	-X0	2	3	=100+M-0S01	11	=100/6.1	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.1	-X0	4	4	=100+M-0S01	12	=100/6.1	E-STOP PUSH-BUTTON	
				PE					

INTERCONNECTION DIAGRAM

CABLE NAME -06W3					CABLE TYPE OELFLEX 540P				
REMARK					NO. OF CORES 5G		CROSS SECTION 1		CABLE LENGTH -
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
E-STOP PUSH-BUTTON	=100/6.0	-X0	5	1	=100+M-0S03	21	=100/6.0	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.0	-X0	7	2	=100+M-0S03	22	=100/6.0	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.1	-X0	6	3	=100+M-0S03	11	=100/6.1	E-STOP PUSH-BUTTON	
E-STOP PUSH-BUTTON	=100/6.1	-X0	8	4	=100+M-0S03	12	=100/6.1	E-STOP PUSH-BUTTON	
				PE					

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

				DATE	24.Sep.2012		KLEEMANN GMBH		 Kleemann	-06W4		KLEEMANN SERIES		K007		= KAB		+	
				EDITED	JHE		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG.	15
				CONTR.	D. MALLKOWSKY		ORIGIN			REP.F.		REP.T.						PG.	56
MODIFICAT.	DATE	NAME	NORM	DIN															

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

DATE 24.Sep.2012				KLEEMANN GMBH						-06W5		KLEEMANN SERIES K007		= KAB		+	
EDITED JHE				MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 16		PG. 56	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -06W7	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	=100/6.3	-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				

MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	 	-06W7	KLEEMANN SERIES K007	= KAB +	
										KLEEMANN MATERIAL NO 2268570	CAE-SYSTEM: EPLAN 5.70	PG. 18
												PG. 56

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

INTERCONNECTION DIAGRAM TPS_N_20.SKN / 2005-07-25

CABLE NAME -06W12	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	=100/6.1	+M-XS2	1	1	=100+M-0S02	21	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	+M-XS2	2	2	=100+M-0S02	22	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	+M-XS2	3	3	=100+M-0S02	11	=100/6.1	E-STOP PUSH-BUTTON
E-STOP PUSH-BUTTON	=100/6.1	+M-XS2	4	4	=100+M-0S02	12	=100/6.1	E-STOP PUSH-BUTTON
				PE				

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME					CABLE TYPE					
-06W15					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	+M-XS5	2	1	=100+M-0S05	21	=100/6.2	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.2	+M-XS5	1	2	=100+M-0S05	22	=100/6.2	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.2	+M-XS5	4	3	=100+M-0S05	11	=100/6.2	E-STOP PUSH-BUTTON		
E-STOP PUSH-BUTTON	=100/6.2	+M-XS5	3	4	=100+M-0S05	12	=100/6.2	E-STOP PUSH-BUTTON		
				PE						

KLEEMANN GMBH										KLEEMANN SERIES K007 = KAB +						
MOBICAT MC 120 Z US										KLEEMANN MATERIAL NO 2268570 CAE-SYSTEM: EPLAN 5.70 PG. 56						
DATE	24.Sep.2012				KLEEMANN GMBH						-06W15			KLEEMANN SERIES K007 = KAB +		
EDITED	JHE				MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO 2268570			CAE-SYSTEM: EPLAN 5.70 PG. 56		
CONTR.	D. MALLKOWSKY															
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.									



INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -07W1				CABLE TYPE OELFLEX Tray II					
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REMARK				NO. OF CORES 3G		CROSS SECTION -		CABLE LENGTH -	
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
COUPLING	=100/7.5	-XK	1	1	=100+M-Y9	A1	=100/7.5	COUPLING
COUPLING	=100/7.5	-XK	2	2	=100+M-Y9	A2	=100/7.5	COUPLING
				PE				

DATE 24.Sep.2012		KLEEMANN GMBH		 	-07W1		KLEEMANN SERIES K007		= KAB		+
EDITED JHE		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 22
CONTR. D. MALLKOWSKY		ORIGIN		REP.F.		REP.T.				PG. 56	

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -07W2						CABLE TYPE OELFLEX Tray II					
REMARK						NO. OF CORES 3G		CROSS SECTION -		CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT			
RUN WARNING	=100/7.6	-XK	1	1	=100+M-1H2	A1	=100/7.6	RUN WARNING			
RUN WARNING	=100/7.6	-XK	2	2	=100+M-1H2	A2	=100/7.6	RUN WARNING			
				PE							

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -07W3	CABLE TYPE OELFLEX Tray II
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REMARK	NO. OF CORES 3G	CROSS SECTION -	CABLE LENGTH -
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
HOOTER	=100/7.7	-X6	1	1	=100+M-00H2	A1	=100/7.7	HOOTER
HOOTER	=100/7.7	-X6	2	2	=100+M-00H2	A2	=100/7.7	HOOTER
				PE				

23												25			
		DATE	24.Sep.2012	KLEEMANN GMBH							KLEEMANN SERIES	K007		= KAB	+
		EDITED	JHE	MOBICAT MC 120 Z US							KLEEMANN MATERIAL NO	2268570		CAE-SYSTEM: EPLAN 5.70	PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG.	56

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -07W4				CABLE TYPE OELFLEX Tray II					
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REMARK				NO. OF CORES 3G		CROSS SECTION -		CABLE LENGTH -	
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
FLASHING LIGHT	=100/7.8	-X6	3	1	=100+M-00H3	X1	=100/7.8	FLASHING LIGHT
FLASHING LIGHT	=100/7.8	-X6	4	2	=100+M-00H3	X2	=100/7.8	FLASHING LIGHT
				PE				

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -08W8 CABLE TYPE OELFLEX Tray II

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

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
MOTOR PROTECTION RELAY	=100/8.6	-X5	1	1	=100+M-1R1		=100/8.6	MOTOR PROTECTION RELAY
MOTOR PROTECTION RELAY	=100/8.6	-X5	2	2	=100+M-1R1		=100/8.6	MOTOR PROTECTION RELAY
				PE				

25	DATE	24.Sep.2012	KLEEMANN GMBH	 	-08W8	KLEEMANN SERIES	K007	= KAB	+	
	EDITED	JHE	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	26
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		PG.	56

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

DATE	24.Sep.2012	KLEEMANN GMBH		 kleemann	-10W2	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	28
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	56

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

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DATE	24.Sep.2012	KLEEMANN GMBH						
EDITED	JHE	MOBICAT MC 120 Z US						
CONTR.	D. MALLKOWSKY							
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	




-11W3

KLEEMANN SERIES	K007	= KAB	+
KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 56

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME				-11W4				CABLE TYPE				OELFLEX Tray II															
REMARK				NO. OF CORES				3G				CROSS SECTION				-				CABLE LENGTH				-			
FUNCTION TEXT		PAGE/PATH		DESTINATION DESIGNATION FROM		CONNECTION	CORE	DESTINATION DESIGNATION TO		CONNECTION	PAGE/PATH		FUNCTION TEXT														
VIBRATING CHUTE/CRUSHER 5		=100/11.5		-X5		3	1	=100+M-5M1			=100/11.4		VIBRATING CHUTE/CRUSHER 5														
VIBRATING CHUTE/CRUSHER 5		=100/11.5		-X5		4	2	=100+M-5M1			=100/11.4		VIBRATING CHUTE/CRUSHER 5														
							PE																				

INTERCONNECTION DIAGRAM

CABLE NAME -11W5					CABLE TYPE OELFLEX Tray II					
REMARK					NO. OF CORES 4G		CROSS SECTION -		CABLE LENGTH -	

FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	11	1	=100+M-5M2	U	=100/11.7	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	12	2	=100+M-5M2	V	=100/11.7	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	13	3	=100+M-5M2	W	=100/11.7	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.7	-X1	PE	PE	=100+M-5M2	PE	=100/11.7	VIBRATING CHUTE/CRUSHER 5

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -11W6	CABLE TYPE OELFLEX Tray II
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REMARK	NO. OF CORES 3G	CROSS SECTION -	CABLE LENGTH -
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
VIBRATING CHUTE/CRUSHER 5	=100/11.8	-X5	5	1	=100+M-5M2		=100/11.7	VIBRATING CHUTE/CRUSHER 5
VIBRATING CHUTE/CRUSHER 5	=100/11.8	-X5	6	2	=100+M-5M2		=100/11.7	VIBRATING CHUTE/CRUSHER 5
				PE				

INTERCONNECTION DIAGRAM

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

DATE		24.Sep.2012		KLEEMANN GMBH		 	KLEEMANN SERIES		K007		= KAB		+	
EDITED		JHE		MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 36	
CONTR.		D. MALLKOWSKY		ORIGIN			REP.F.		REP.T.				PG. 56	

INTERCONNECTION DIAGRAM

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

DATE	24.Sep.2012	KLEEMANN GMBH		-12W3	KLEEMANN SERIES	K007	= KAB	+	
EDITED	JHE	MOBICAT MC 120 Z US		KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	38	
CONTR.	D. MALLKOWSKY							PG.	56
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		

INTERCONNECTION DIAGRAM

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

DATE	24.Sep.2012	KLEEMANN GMBH	 	-12W5	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY							PG. 56
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -13W1				CABLE TYPE OELFLEX Tray II					
REMARK				NO. OF CORES 4G		CROSS SECTION -		CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
HYDRAULIC 9	=100/13.1	-X1	20	1	=100+M-9M1	U	=100/13.1	HYDRAULIC 9	
HYDRAULIC 9	=100/13.1	-X1	21	2	=100+M-9M1	V	=100/13.1	HYDRAULIC 9	
HYDRAULIC 9	=100/13.1	-X1	22	3	=100+M-9M1	W	=100/13.1	HYDRAULIC 9	
HYDRAULIC 9	=100/13.2	-X1	PE	PE	=100+M-9M1	PE	=100/13.1	HYDRAULIC 9	

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

DATE 24.Sep.2012				KLEEMANN GMBH				 		-14W1		KLEEMANN SERIES K007		= KAB		+	
EDITED JHE				MOBICAT MC 120 Z US								KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 44	
CONTR. D. MALLKOWSKY														PG. 56			
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME	-14W3	CABLE TYPE	OELFLEX FD855CP					
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REMARK	NO. OF CORES		4G+Schirm			CROSS SECTION		2.5	CABLE LENGTH	-
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X8	4	1	=100+M-8M2	U1	=100/14.4	VIBRATING FEEDER 8 DRIVE RIGHT
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X8	5	2	=100+M-8M2	V1	=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X8	6	3	=100+M-8M2	W1	=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.5	-X8	PE	PE	=100+M-8M2	PE	=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT
				SH				

DATE	24.Sep.2012	KLEEMANN GMBH	 	-14W3	KLEEMANN SERIES	K007	= KAB	+
EDITED	JHE	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70
CONTR.	D. MALLKOWSKY							PG. 56
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.	

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME				CABLE TYPE					
-14W4				OELFLEX Tray II					
REMARK				NO. OF CORES		CROSS SECTION		CABLE LENGTH	
				3G		1.5		-	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT	
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X5	11	1	=100+M-8M2		=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT	
VIBRATING FEEDER 8 DRIVE RIGHT	=100/14.4	-X5	12	2	=100+M-8M2		=100/14.5	VIBRATING FEEDER 8 DRIVE RIGHT	
				PE					

INTERCONNECTION DIAGRAM

CABLE NAME -36W1	CABLE TYPE UNITRONIC
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REMARK	NO. OF CORES 3+Schirm	CROSS SECTION 0.5	CABLE LENGTH -
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				WH				
LIGHT BARRIER CRUSHER	=100/36.2	-XLS	4	BN	=100+M-LR	8	=100/36.2	
LIGHT BARRIER CRUSHER	=100/36.2	-XLS	3	GN	=100+M-LR	6	=100/36.2	
				SH				

				DATE 24.Sep.2012	KLEEMANN GMBH						-36W1	KLEEMANN SERIES K007	= KAB	+
				EDITED JHE	MOBICAT MC 120 Z US							KLEEMANN MATERIAL NO 2268570	CAE-SYSTEM: EPLAN 5.70	PG. 48
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.		REP.T.					PG. 56	

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -36W2				CABLE TYPE UNITRONIC			
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REMARK				NO. OF CORES 3+Schirm		CROSS SECTION 0.5		CABLE LENGTH -	
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FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT
				WH				
LIGHT BARRIER CRUSHER	=100/36.3	-XLS	2	BN	=100+M-LT	5	=100/36.3	LIGHT BARRIER CRUSHER
LIGHT BARRIER CRUSHER	=100/36.3	-XLS	1	GN	=100+M-LT	7	=100/36.3	LIGHT BARRIER CRUSHER
				SH				

				DATE	24.Sep.2012	KLEEMANN GMBH		 	-36W2		KLEEMANN SERIES		K007	= KAB		
				EDITED	JHE	MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO		2268570	CAE-SYSTEM: EPLAN 5.70		PG.
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG.	56	

0 1 2 3 4 5 6 7 8 9
INTERCONNECTION DIAGRAM TPS_N_20.SKN / 2005-07-25

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

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

DATE		24.Sep.2012		KLEEMANN GMBH		 	-37W2		KLEEMANN SERIES		K007		= KAB		+	
EDITED		JHE		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 51	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.							PG. 56		

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

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

DATE		24.Sep.2012		KLEEMANN GMBH		 		-41W1		KLEEMANN SERIES		K007		= KAB		+	
EDITED		JHE		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 52	
CONTR.		D. MALLKOWSKY														PG. 56	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME -41W2					CABLE TYPE OELFLEX 491P					
REMARK					NO. OF CORES 5G		CROSS SECTION -		CABLE LENGTH -	
FUNCTION TEXT	PAGE/PATH	DESTINATION DESIGNATION FROM	CONNECTION	CORE	DESTINATION DESIGNATION TO	CONNECTION	PAGE/PATH	FUNCTION TEXT		
RUN CHAIN LEFT (MANUAL)	=100/41.8	-X22	A2	1	=100+M-Y5B	A2	=100/41.7	RUN CHAIN RIGHT (REMOTE)		
RUN CHAIN LEFT (MANUAL)	=100/41.8	-X22	B2	2	=100+M-Y5B	B2	=100/41.7	RUN CHAIN RIGHT (REMOTE)		
RUN CHAIN LEFT (REMOTE)	=100/41.6	-X22	C2	3	=100+M-Y5B	C2	=100/41.7	RUN CHAIN RIGHT (REMOTE)		
RUN CHAIN LEFT (REMOTE)	=100/41.5	-X22	D2	4	=100+M-Y5B	D2	=100/41.7	RUN CHAIN RIGHT (REMOTE)		
				PE						

INTERCONNECTION DIAGRAM

TPS_N_20.SKN / 2005-07-25

CABLE NAME	-41W3	CABLE TYPE	OELFLEX 491P
REMARK		NO. OF CORES	5G
		CROSS SECTION	-
		CABLE LENGTH	-

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

		DATE	24.Sep.2012	KLEEMANN GMBH			-41W3	KLEEMANN SERIES	K007	= KAB	+		
		EDITED	JHE	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM:	EPLAN 5.70	PG.	54
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN		REP.F.	REP.T.				PG.	56

Part's list

TPLSTK05 12.10.2015

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
-XOUT	1	Anbaugehaeuse 16-pol. mit 2 Buegeln	ILME GmbH	M10020941	=A0/19.6	CHI 16
-XOUT	1	Tuellengehaeuse M25 mit Bolzen für 2 Bügel	ILME GmbH	MHO 16.25	=A0/19.6	M10011806
-XOUT	1	Buchseneinsatz 16-polig +PE 16A max, 500V	ILME GmbH	CSEF 16	=A0/19.6	2390436
-XOUT	1	Stifteinsatz 16-polig +PE 16A max, 500V	ILME GmbH	CSEM 16	=A0/19.6	M10011812
-3X2	1	Stifteinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011804	=A0/19.6	CKM 04
-3X2	1	Buchseneinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011805	=A0/19.6	CKF 04
-3X2	1	Anbaugehaeuse ohne Kabelausgang	ILME GmbH	CKAX 03 IA	=A0/19.6	2454383
-3X2	1	Tuellengehaeuse mit Bolzen	ILME GmbH	MKA V20	=A0/19.6	M10011803
-4X1	1	Stifteinsatz 4+2-polig +PE 80A max+16A max, 400V	ILME GmbH	M10012918	=A0/19.6	CXM 4/2
-4X1	1	Buchseneinsatz 4+2-polig +PE 80A max+16A max, 400V	ILME GmbH	M10012917	=A0/19.6	CXF 4/2
-4X1	1	Anbaugehaeuse 16-pol. mit 2 Buegeln	ILME GmbH	M10020941	=A0/19.6	CHI 16
-4X1	1	Tuellengehaeuse M32 mit Bolzen für 2 Bügel	ILME GmbH	MHO 16.32	=A0/19.6	MHO 16.32
-4X2	1	Stifteinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011804	=A0/19.6	CKM 04
-4X2	1	Buchseneinsatz 4-polig +PE 10A max, 250V	ILME GmbH	M10011805	=A0/19.6	CKF 04
-4X2	1	Anbaugehaeuse ohne Kabelausgang	ILME GmbH	CKAX 03 IA	=A0/19.6	2454383
-4X2	1	Tuellengehaeuse mit Bolzen	ILME GmbH	MKA V20	=A0/19.6	M10011803
=100-0P1	1	Amperemeter 800/1600/5A	Langer Messtechnik GmbH	M10009940	=100/1.1	RQ 72 E 800/1600/5A
=100-0T02	1	Summenstromwandler 500mA fuer FI-Relais Typ MFR	Doepke	MF1W 105/0,5	=100/1.1	MF1W 105/0,5
=100-0Q1	1	Leistungsschalter 3p 600A BG3 NZMN3-AE600-NA	Moeller	M00000003	=100/1.1	NZMN3-AE600-NA
=100-0Q1	1	Hauptschalterbausatz f. NZM3, N3	Moeller	NZM3-XTVDVR-NA	=100/1.1	NZM3-XTVDVR-NA
=100-0Q1	1	Unterspannungsausloeser mit 2 VHI NZM2/3-XUHV380-440AC	Moeller	M10017491	=100/1.1	NZM2/3-XUHV380-440AC
=100-0Q1	1	Kontaktelement 1S Front M22-CK10	Moeller	M10016214	=100/1.1	M22-CK10
=100-0Q1	4	Sammelschienenhalter 3polig 60mm Schienenabstand	Rittal GmbH & Co. KG	SV 9340.050	=100/1.1	SV 9340.050
=100-0Q1	2	Endabdeckung	Rittal GmbH & Co. KG	2196968	=100/1.1	SV 9340.070
=100-0Q1	2	Bodenwanne Laenge 900 mm	Rittal GmbH & Co. KG	SV 9340.120	=100/1.1	SV 9340.120
=100-0T01	1	Stromwandler AC 40 800/5A	Langer Messtechnik GmbH	M00000010	=100/1.1	TAC 40 800/5A
=100-0F00	1	Sicherungshalter 2-pol. 600V, 30A	Woehner GmbH & Co. KG	31 296	=100/1.2	31 296
=100-0F00	2	Sicherungseinsatz Gr.10 x 38 2A, 600V AC	Woehner GmbH & Co. KG	M10025367	=100/1.2	31 245
=100-PE	2	Sammelschienenhalter 1polig	Rittal GmbH & Co. KG	SV 9340.030	=100/1.2	SV 9340.030
=100-0F01	1	FI-Steuerschalter 2S, 500V, 16A	Doepke	M10016345	=100/1.3	MFR
=100-0SS	1	Schlüsselschalter, mit Halter 2 Schaltstellungen O-I, verrastend	Siemens	3SB30 00-4HD11	=100/1.6	3SB30 00-4HD11
=100-0SS	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/1.6	3SB39 25-0AV
=100-0SS	1	IVS-Hutschienenadapter	Klöckner Moeller	M10018771	=100/1.6	M22-IVS
=100-TS1	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/1.7	3SE5232-0PC05
=100-TS2	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/1.7	3SE5232-0PC05
=100-TS3	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/1.7	3SE5232-0PC05
=100-TS4	1	Positionsschalter 2S+1OE	Siemens	3SE5232-0PC05	=100/1.7	3SE5232-0PC05
=100-0F06	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/3.1	31 295
=100-0F06	1	Sicherungseinsatz Gr.10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/3.1	31 247
=100-0F07	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/3.3	31 295
=100-0F07	1	Sicherungseinsatz Gr.10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/3.3	31 247
=100-0F08	1	Sicherungsautomat 1-polig Typ C 10A 230/400V	Siemens	M10019163	=100/3.5	5SY6 110-7
=100-SX	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	M10021302	=100/3.7	3SB32 02-2KA11-0CC0
=100-SX	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/3.7	3SB39 21-0BA
=100-SX	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/3.7	3SB39 25-0AV
=100-KX	1	Stecksckel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/3.7	788-312
=100-0F03	1	Sicherungshalter 3-pol. 600V, 30A	Woehner GmbH & Co. KG	31 297	=100/4.1	31 297
=100-0F03	3	Sicherungseinsatz Gr.10 x 38 30A, 600V AC	Woehner GmbH & Co. KG	M10025373	=100/4.1	31 252
=100-0F04	1	FI-Schutzschalter 4polig 40A	ABB AG	F204A-40/0,03	=100/4.1	F204A-40/0,03
=100-0X5	1	Einbauschukosteckdose Typ: ME 530R7W 5-Pol 480V/30A	Menekes	M10019713	=100/4.1	60380MZ

=KAB/56

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			DATE	04.Dez.2015	KLEEMANN GMBH	 	STUECKLISTE	KLEEMANN SERIES	K007	= STK	+
			EDITED	JBR							
			CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z US			KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG. 1
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.				PG. 12

Part's list

TPLSTK05 12.10.2015

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-0F0	1	Sicherungshalter AMBUS EasySwitch 3-pol. 690V, 125A	Woehner GmbH & Co. KG	31 123	=100/5.1	31 123
=100-0F0	3	Sicherungseinsatz 22x58 100A, 690V, gG	Woehner GmbH & Co. KG	31 203	=100/5.1	31 203
=100-0F0	1	CB Geraeteadapter 125A,600V, UL 508	Rittal GmbH & Co. KG	2196726	=100/5.1	SV 9342.550
=100-0F0	1	Anschlusswinkel 6x9x0,8 mm für CB Geräteadapter	Rittal GmbH & Co. KG	SV 9342.570	=100/5.1	SV 9342.570
=100-0X1	1	Einbauschukosteckdose Typ: ME 5100R7W 4-Pol 480V/100A	Menekes	M10019712	=100/5.1	60063MZ
=100-0F05	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/5.3	31 295
=100-0F05	1	Sicherungseinsatz Gr.10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/5.3	31 249
=100-0F105	1	FI-Schutzschalter 2polig 25A	ABB AG	F202A-25/0,03	=100/5.3	F202A-25/0,03
=100-0X4	1	Steckdose 1-Pol+N+PE 125V/15A	ABL SURSUM	UL12505	=100/5.3	UL12505
=100-0F1	1	Sicherungshalter 2-pol. 600V, 30A	Woehner GmbH & Co. KG	31 296	=100/5.5	31 296
=100-0F1	2	Sicherungseinsatz Gr.10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/5.5	31 249
=100-0F1	1	OM Adapter 32A,690V, UL 508	Rittal GmbH & Co. KG	M10025431	=100/5.5	SV 9340.510
=100-0T1	1	Transformator 1-phasig 1600VA Prim. 400V AC Sek. 2x115V AC	Block GmbH & Co.KG	STU1600/4/23	=100/5.5	STU1600/4/23
=100-0F1.3	1	Sicherungsautomat 1-polig Typ C 2A 240V AC/60V DC	Siemens	5SJ4102-7HG41	=100/5.5	5SJ4102-7HG41
=100-0F1.3	1	Hilfsschalter 1S 10E fuer 5SJ LS-Schalter T=70mm	Siemens	5ST3010-OHG	=100/5.5	5ST3010-OHG
=100-0F02	1	Sicherungsautomat 2-polig Typ C 2A 240V AC/60V DC	Siemens	5SJ4202-7HG41	=100/5.7	5SJ4202-7HG41
=100-0P2	1	Voltmeter 500V	Langer Messtechnik GmbH	M10006617	=100/5.7	RQ 72 E 500V
=100-0S00	1	Pilzdrucktaster rot, 1S+10E , rastend , mit Drehriegelung	Siemens	3SB32 01-1HA20-0CC0	=100/6.6	3SB32 01-1HA20-0CC0
=100-0S00	2	Schaltelement 10E Einbautiefe 50mm	Siemens	M10017539	=100/6.6	3SB34 03-0C
=100-0S00	1	Schutzkappe für Pilz-Drucktaster	Siemens	3SB19 02-2BH	=100/6.6	3SB19 02-2BH
=100-0S00	1	Schildtraeger für NOT-AUS Pilz-Drucktaster	Moeller	M22-XAK1	=100/6.6	M22-XAK1
=100+S-XSBT1	1	Buchseinsatz 10-polig +PE 16A max, 500V	ILME GmbH	2302895	=100/6.7	CSEF 10
=100+S-XSBT1	1	Anbaugehaeuse mit 2 Buegel	ILME GmbH	2332565	=100/6.7	CHI 10
=100+S-XSBT2	1	Tuellengehaeuse M20 rot	ILME GmbH	2332604	=100/6.7	MHOR 10.20
=100+S-XSBT2	1	Stifteinsatz 10-polig +PE 16A max, 500V	ILME GmbH	2302911	=100/6.7	CSEM 10
=100+S-XSBT2.	1	Tuellengehaeuse M20 mit Bolzen für 2 Bügel	ILME GmbH	2302913	=100/6.7	MHO 10.20
=100+S-XSBT2.	1	Stifteinsatz 10-polig +PE 16A max, 500V	ILME GmbH	2302911	=100/6.7	CSEM 10
=100-D1	1	Schaltgeraet, 24V 3S+10E	Pilz GmbH & Co.	M10015065	=100/6.1.4	PNOZ X4
=100-0F2	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.1	31 295
=100-0F2	1	Sicherungseinsatz Gr.10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/7.1	31 247
=100-KN1	1	Hilfsschuetz SIRIUS 2S+2OE 24VDC, Cage Clamp	Siemens	2256202	=100/7.1	3RH2122-2BB40
=100-KN2	1	Hilfsschuetz SIRIUS 2S+2OE 24VDC, Cage Clamp	Siemens	2256202	=100/7.2	3RH2122-2BB40
=100-0F3	1	Sicherungsautomat 1-polig Typ C 6A 400V AC/220V DC	Siemens	M10019164	=100/7.3	5SY6 106-7
=100-0F3	1	Hilfsschalter 1S 10E fuer LS-Schalter T=70mm	Siemens	M10019130	=100/7.3	5ST3 010
=100-0S1	1	Schluesselschalter, O-I Ronis 1S mit Halter	Siemens	M10021350	=100/7.3	3SB32 02-4AD11-0CC0
=100-0S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/7.3	3SB39 25-0AV
=100-0K1	1	Schuetz, 4kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/7.3	3RT2016-2BB41
=100-0K1	1	Hilfsschalterblock 2S+2OE Cage-Clamp-Anschluss	Siemens	2255490	=100/7.3	3RH2911-2FA22
=100-GF2	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.5	31 295
=100-GF2	1	Sicherungseinsatz Gr.10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/7.5	31 249
=100+M-1H2	1	Rueckfahrwarner 24V DC	Bosch	A65	=100/7.6	A65
=100-0F4	1	Sicherungshalter 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.6	31 295
=100-0F4	1	Sicherungseinsatz Gr.10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/7.6	31 247
=100+M-00H2	1	Sirene 24V DC, 0,5A	Funke+Huster GmbH	M10011815	=100/7.7	KS 24
=100+M-00H3	1	Blitzlicht AC/DC 24V	Telemecanique	XVB L6B5AB	=100/7.8	XVB L6B5AB
=100-1P1	1	Amperemeter 500/1000/5A	Langer Messtechnik GmbH	M10011872	=100/8.1	RQ 72 E 500/1000/5A
=100-1K01	1	Ueberwachungsrelais 1 Wechsler, 24-240V AC/DC, 0,1-10A AC/DC	Siemens	M10014275	=100/8.1	3UG46 22-2AW30
=100-1T1	1	Stromwandler AC 32 500/5A	Langer Messtechnik GmbH	M00000009	=100/8.3	TAC 32 500/5A
=100-1K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/8.6	ZEV
=100-1K0	1	Stromsensor 40-820A	Klöckner Moeller	M10019256	=100/8.6	ZEV-XSW-820

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

Part's list

TPLSTK05 12.10.2015

Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-1K0	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 800mm	Moeller	M10019257	=100/8.6	ZEV-XVK-80
=100-1KC1	1	Motorschuetz, 90kW/400V 3H, 2S+2OE, 110-127V AC/DC, mit Varistor	Siemens	M10020791	=100/9.1	3RT10 56-2AF36
=100-1KC1	2	Anschlussabdeckung fuer Schuetze BGR, S6	Siemens	3RT19 56-4EA1	=100/9.1	3RT19 56-4EA1
=100-1KT1	1	Zeitrelais 24V DC/AC, 100...127V AC 1S+1S verzoeigert, Cage Clamp	Siemens	3RP15 76-2NQ30	=100/9.3	3RP15 76-2NQ30
=100-1KC2	1	Motorschuetz, 90kW/400V 3H, 2S+2OE, 110-127V AC/DC, mit Varistor	Siemens	M10020791	=100/9.4	3RT10 56-2AF36
=100-1KC2	2	Anschlussabdeckung fuer Schuetze BGR, S6	Siemens	3RT19 56-4EA1	=100/9.4	3RT19 56-4EA1
=100-1KC3	1	Motorschuetz, 75kW/400V 3H, 2S+2OE, 110-127V AC/DC, mit Varistor	Siemens	M10020792	=100/9.6	3RT10 55-2AF36
=100-1KC3	2	Anschlussabdeckung fuer Schuetze BGR, S6	Siemens	3RT19 56-4EA1	=100/9.6	3RT19 56-4EA1
=100-1KC3	1	Parallelschaltverbindung fuer Schuetze BGR, S6	Siemens	3RT19 56-4BA31	=100/9.6	3RT19 56-4BA31
=100-2Q1	1	Leistungsschalter 4,5-6,3A mit Hilfsschalter,fuer Motorschutz	Siemens	2255703	=100/10.1	3RV2011-1GA15
=100-2Q1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/10.1	SV 9342.310
=100-2Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/10.1	SV 9342.850
=100-2F1	1	Sicherungsautomat 3-polig Typ C 25A 240V AC/60V DC	Siemens	5SJ4325-7HG41	=100/10.4	5SJ4325-7HG41
=100-2F1	1	Hilfsschalter 1S 10E fuer 5SJ LS-Schalter T=70mm	Siemens	5ST3010-OHG	=100/10.4	5ST3010-OHG
=100-2F1	1	OM Adapter 32A,690V	Rittal GmbH & Co. KG	2196715	=100/10.4	SV 9340.460
=100-3Q1	1	Leistungsschalter 11-16A mit Hilfsschalter,fuer Motorschutz	Siemens	2255713	=100/10.7	3RV2011-4AA15
=100-3Q1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/10.7	SV 9342.310
=100-3Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/10.7	SV 9342.850
=100-3X1	1	Einbauschukosteckdose Typ: ME 520R7W 5-Pol 480V/20A	Menekes	60336MZ	=100/10.7	60336MZ
=100-4Q1	1	Leistungsschalter 22-32A ohne Hilfsschalter,fuer Motorschutz	Siemens	M10018521	=100/11.1	3RV10 31-4EA10
=100-4Q1	1	OM Adapter 65A, 690V	Rittal GmbH & Co. KG	2196712	=100/11.1	SV 9340.410
=100-4Q1	1	Querliegender Hilfsschalter 1S+10E	Siemens	M10019971	=100/11.1	3RV19 01-1E
=100-4K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/11.3	ZEV
=100-4K0	1	Stromsensor 2-65A	Klöckner Moeller	M10013727	=100/11.3	ZEV-XSW-65
=100-4K0	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 200mm	Moeller	M10013728	=100/11.3	ZEV-XVK-20
=100-5Q1	1	Leistungsschalter 7-10A mit Hilfsschalter,fuer Motorschutz	Siemens	2255708	=100/11.4	3RV2011-1JA15
=100-5Q1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/11.4	SV 9342.310
=100-5Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/11.4	SV 9342.850
=100-5K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/11.5	ZEV
=100-5K0	1	Stromsensor 1-25A	Klöckner Moeller	M10019255	=100/11.5	ZEV-XSW-25
=100-5K0	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 200mm	Moeller	M10013728	=100/11.5	ZEV-XVK-20
=100-5Q2	1	Leistungsschalter 7-10A mit Hilfsschalter,fuer Motorschutz	Siemens	2255708	=100/11.7	3RV2011-1JA15
=100-5Q2	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/11.7	SV 9342.310
=100-5Q2	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/11.7	SV 9342.850
=100-5K0.1	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/11.8	ZEV
=100-5K0.1	1	Stromsensor 1-25A	Klöckner Moeller	M10019255	=100/11.8	ZEV-XSW-25
=100-5K0.1	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 200mm	Moeller	M10013728	=100/11.8	ZEV-XVK-20
=100-6Q1	1	Leistungsschalter 9-12,5A mit Hilfsschalter,fuer Motorschutz	Siemens	2255711	=100/12.1	3RV2011-1KA15
=100-6Q1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/12.1	SV 9342.310
=100-6Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/12.1	SV 9342.850
=100-7F1	1	Sicherungsautomat 3-polig Typ C 63A 240V AC/60V DC	Siemens	5SJ4363-7HG41	=100/12.4	5SJ4363-7HG41
=100-7F1	1	Hilfsschalter 1S 10E fuer 5SJ LS-Schalter T=70mm	Siemens	5ST3010-OHG	=100/12.4	5ST3010-OHG
=100-7F1	1	OM Adapter 65A, 690V	Rittal GmbH & Co. KG	2196712	=100/12.4	SV 9340.410
=100-7K0	1	Elektronisches Motorschutzrelais 2S 2OE	Klöckner Moeller	M10013726	=100/12.5	ZEV
=100-7K0	1	Stromsensor 2-65A	Klöckner Moeller	M10013727	=100/12.5	ZEV-XSW-65
=100-7K0	1	Verbindungsleitung f.ZEV-XSW-25, 65, 145, 820 Laenge 200mm	Moeller	M10013728	=100/12.5	ZEV-XVK-20
=100-9Q1	1	Leistungsschalter 7-10A mit Hilfsschalter,fuer Motorschutz	Siemens	2255708	=100/13.1	3RV2011-1JA15
=100-9Q1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/13.1	SV 9342.310
=100-9Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/13.1	SV 9342.850
=100-10Q1	1	Leistungsschalter 4,5-6,3A mit Hilfsschalter,fuer Motorschutz	Siemens	2255703	=100/13.3	3RV2011-1GA15

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CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z US					PG.	12
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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-10Q1	1	OM Adapter 32A,690V, UL 508	Rittal GmbH & Co. KG	M10025431	=100/13.3	SV 9340.510
=100-10Q1	1	Tragschiene 45mm	Rittal GmbH & Co. KG	2196728	=100/13.3	SV 9342.850
=100-13Q1	1	Leistungsschalter 0,28-0,4A mit Hilfsschalter,fuer Motorschutz	Siemens	2255735	=100/13.6	3RV2011-0EA15
=100-13Q1	1	Anschlussadapter 800A, -690V, UL508, 3x1polig	Rittal GmbH & Co. KG	2196964	=100/13.6	SV 9342.310
=100-8Q1	1	Steuerschalter 4-pol 12kW 400V 32A	Moeller	M10013874	=100/14.1	T3-4-8223/E
=100-8A1	1	Frequenzumrichter 380-480V, 25/29A, 50-60Hz, 11/15kW	Control Techniques	M20000268	=100/14.2	SK 2403
=100-8F1	1	Sicherungsautomat 3-polig Typ C 35A 240V AC/60V DC	Siemens	5SJ4335-7HG41	=100/14.2	5SJ4335-7HG41
=100-8F1	1	Hilfsschalter 1S 10E fuer 5SJ LS-Schalter T=70mm	Siemens	5ST3010-0HG	=100/14.2	5ST3010-0HG
=100-8F1	1	OM Adapter 32A,690V	Rittal GmbH & Co. KG	2196715	=100/14.2	SV 9340.460
=100-8L1	1	Netzrossel 28,8A, max.600V 50-60Hz	Control Techniques	KDD 0,4/N/600V/28,8A/4UK	=100/14.2	KDD 0,4/N/600V/28,8A/4UK
=100-8F2	1	Ueberlastrelais 7-10A, 1S+10E f.Einzelaufstellung	Siemens	2255404	=100/14.2	3RU2116-1JC1
=100-8F3	1	Ueberlastrelais 7-10A, 1S+10E f.Einzelaufstellung	Siemens	2255404	=100/14.4	3RU2116-1JC1
=100-RB	1	Bremswiderstand SP 100W 400V 37,5 Ohm	Control Techniques	M10020877	=100/14.7	SP
=100-8K0	1	Thermischer Maschinenschutz, 2 LED 1S+10E, 24V DC, Cage Clamp-Anschluss	Siemens	M10014273	=100/15.3	3RN10 10-2CB00
=100-SC	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	M10021302	=100/17.1	3SB32 02-2KA11-0CC0
=100-SC	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/17.1	3SB39 25-0AV
=100-SC	1	IVS-Hutschienenadapter	Klöckner Moeller	M10018771	=100/17.1	M22-IVS
=100-A0_OP	1	Operator Panel 256kB Anwenderspeicher, 24V DC	VIPA GmbH	M10019119	=100/17.2	OP 03 603-10P00
=100-A_FW	1	Fernwartungssystem	MB Connect Line	M20000333	=100/17.2	MDH 513
=100-A_FW	1	Verbindungskabel	MB Connect Line	8248	=100/17.2	8248
=100-A_FW	1	MPI Verbindungskabel 1,2m	MB Connect Line	KS 1.2/9	=100/17.2	KS 1.2/9
=100-A0_CPU	1	SPS-CPU mit MPI 256 Zaehler, 48kByte RAM	VIPA GmbH	M10020750	=100/17.2	VIPA 214-1BA02
=100-A0_CPU	1	Busverbinder 2-fach	VIPA GmbH	290-0AA20	=100/17.2	290-0AA20
=100-A0_CPU	1	Busverbinder 8-fach	VIPA GmbH	290-0AA80	=100/17.2	290-0AA80
=100-A0_2	1	Ein-/ausgabebaugruppe SM 238 12DE+4DIO,3AE+1Pt100,2AA,24V DC	VIPA GmbH	M10020887	=100/17.2	SM 238-2BC00
=100-A0_3	1	Digitalausgabebaugruppe SM 222 16DO, 24V DC, 1A	VIPA GmbH	M10021058	=100/17.3	SM 222-1BH10
=100-A0_4	1	Digitaleingabebaugruppe SM 221 32DE, 24VDC	VIPA GmbH	M10021059	=100/17.4	SM 221-2BL10
=100-A0_5	1	Digitaleingabebaugruppe SM 221 32DE, 24VDC	VIPA GmbH	M10021059	=100/17.5	SM 221-2BL10
=100-A0_6	1	Digitalausgabebaugruppe SM 222 32DO, 24V DC, 1A	VIPA GmbH	M10021060	=100/17.6	SM 222-2BL10
=100-1K1	1	Stecksocket mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/22.1	788-312
=100-1K08	1	Schuetz, 3kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256180	=100/22.5	3RT2015-2BB41
=100-2KC1	1	Schuetz, 3kW/400V 3H 10E 24V DC, Cage-Clamp	Siemens	2256178	=100/23.1	3RT2015-2BB42
=100-2KC2	1	Schuetz, 3kW/400V 3H 10E 24V DC, Cage-Clamp	Siemens	2256178	=100/23.2	3RT2015-2BB42
=100-3KC1	1	Schuetz, 5,5kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/23.3	3RT2017-2BB41
=100-2KC3	1	Schuetz, 11kW/400V 3H 1S+10E 24V DC, Cage-Clamp	Siemens	2256200	=100/23.4	3RT2026-2BB40
=100-4KC1	1	Schuetz 15kW/400V 3H 1S+10E, 24V DC, ohne Varistor,	Siemens	2268888	=100/23.5	3RT2027-2BB40
=100-5KC1	1	Schuetz, 4kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.6	3RT2016-2BB41
=100-5KC2	1	Schuetz, 4kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.7	3RT2016-2BB41
=100-6KC1	1	Schuetz, 5,5kW/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/23.8	3RT2017-2BB41
=100-S0.0	1	Leuchtdrucktaster weiss, LED integriert flacher Druckknopf 1S, UC 24V	Siemens	2219470	=100/24.1	3SB32 45-0AA61-0CC0
=100-S0.0	1	Schutzkappe für Drucktaster flach	Siemens	3SB39 21-0AH	=100/24.1	3SB39 21-0AH
=100-S0.0	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.1	3SB39 25-0AV
=100-S0.1	1	Drucktaster rot flacher Druckknopf 10E	Siemens	2219480	=100/24.2	3SB32 03-0AA21-0CC0
=100-S0.1	1	Schutzkappe für Drucktaster flach	Siemens	3SB39 21-0AH	=100/24.2	3SB39 21-0AH
=100-S0.1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.2	3SB39 25-0AV
=100-S0.2	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	M10021302	=100/24.3	3SB32 02-2KA11-0CC0
=100-S0.2	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/24.3	3SB39 21-0BA
=100-S0.2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.3	3SB39 25-0AV
=100-S0.3	1	Drucktaster blau flacher Druckknopf, 1S	Siemens	3SB32 02-0AA51-0CC0	=100/24.4	3SB32 02-0AA51-0CC0
=100-S0.3	1	Schutzkappe für Drucktaster flach	Siemens	3SB39 21-0AH	=100/24.4	3SB39 21-0AH

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EDITED	JBR	MOBICAT MC 120 Z US				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.
CONTR.	D. MALLKOWSKY	ORIGIN	REP.F.	REP.T.				PG.	12

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=100-S0.3	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.4	3SB39 25-0AV
=100-S0.4	1	Leuchtdrucktaster rot, LED integriert	Siemens	2219472	=100/24.5	3SB32 46-0AA21-0CC0
=100-S0.4	2	Schaltelement mit 1 Schaltglied 1S	Siemens	M10017540	=100/24.5	3SB34 03-0B
=100-S0.4	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.5	3SB39 21-0AH
=100-S0.4	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.5	3SB39 25-0AV
=100-2S2	1	Knebel 3 Schalterstellungen,	Siemens	3SB32 10-2DA11-0CC0	=100/24.6	3SB32 10-2DA11-0CC0
=100-2S2	1	Schutzkappe	Siemens	3SB39 21-0BA	=100/24.6	3SB39 21-0BA
=100-2S2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.6	3SB39 25-0AV
=100-2S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/24.7	3SB32 45-0AA41-0CC0
=100-2S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.7	3SB39 21-0AH
=100-2S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.7	3SB39 25-0AV
=100-3S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/24.8	3SB32 45-0AA41-0CC0
=100-3S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/24.8	3SB39 21-0AH
=100-3S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/24.8	3SB39 25-0AV
=100-4S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.1	3SB32 45-0AA41-0CC0
=100-4S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.1	3SB39 21-0AH
=100-4S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.1	3SB39 25-0AV
=100-5S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.2	3SB32 45-0AA41-0CC0
=100-5S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.2	3SB39 21-0AH
=100-5S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.2	3SB39 25-0AV
=100-6S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.3	3SB32 45-0AA41-0CC0
=100-6S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.3	3SB39 21-0AH
=100-6S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.3	3SB39 25-0AV
=100-7S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.4	3SB32 45-0AA41-0CC0
=100-7S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.4	3SB39 21-0AH
=100-7S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.4	3SB39 25-0AV
=100-8S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.5	3SB32 45-0AA41-0CC0
=100-8S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.5	3SB39 21-0AH
=100-8S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.5	3SB39 25-0AV
=100-10S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/25.7	3SB32 45-0AA41-0CC0
=100-10S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/25.7	3SB39 21-0AH
=100-10S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/25.7	3SB39 25-0AV
=100-9S1	1	Leuchtdrucktaster gruen, LED integriert	Siemens	M10020706	=100/26.4	3SB32 45-0AA41-0CC0
=100-9S1	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/26.4	3SB39 21-0AH
=100-9S1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/26.4	3SB39 25-0AV
=100-S5.2	1	Leuchtdrucktaster gelb, LED integriert	Siemens	3SB32 45-0AA31-0CC0	=100/29.3	3SB32 45-0AA31-0CC0
=100-S5.2	1	Schutzkappe	Siemens	3SB39 21-0AH	=100/29.3	3SB39 21-0AH
=100-S5.2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/29.3	3SB39 25-0AV
=100+8S	1	Knebel 3 Schalterstellungen,	Siemens	M10021301	=100/29.7	3SB32 10-2EA11-0CC0
=100+8S	1	Schutzkappe	Siemens	3SB39 21-0BA	=100/29.7	3SB39 21-0BA
=100+8S	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/29.7	3SB39 25-0AV
=100-7KC1	1	Schuetz 15kW/400V	Siemens	2268888	=100/32.1	3RT2027-2BB40
=100-8KC1	1	Schuetz 15kW/400V	Siemens	2268888	=100/32.2	3RT2027-2BB40
=100-9KC1	1	Schuetz, 5,5kW/400V	Siemens	2256190	=100/32.3	3RT2017-2BB41
=100-10KC1	1	Schuetz, 3kW/400V	Siemens	2256180	=100/32.4	3RT2015-2BB41
=100-00K2	1	Stecksoclel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.7	788-312
=100-00K3	1	Stecksoclel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.8	788-312
=100-8K2	1	Stecksoclel mit Relais	Wago GmbH & Co. KG	M10019133 + M10019138	=100/33.2	788-312
=100-0H6	1	Leuchtmelder blau, mit glatter Linse	Siemens	3SB32 44-6AA50-0CC0	=100/33.8	3SB32 44-6AA50-0CC0
=100-0H6	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/33.8	3SB39 25-0AV

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CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z US							
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=100-0H2	1	Leuchtmelder weiss, mit glatter Linse LED integriert, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/34.2	3SB32 44-6AA60-0CC0
=100-0H2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/34.2	3SB39 25-0AV
=100-0H2.1	1	Leuchtmelder weiss, mit glatter Linse LED integriert, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/34.3	3SB32 44-6AA60-0CC0
=100-0H2.1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/34.3	3SB39 25-0AV
=100-LS1	1	Sockel fuer Relais LZX:MT32...	Siemens	M10010285	=100/36.1	LZX:MT78750
=100-LS1	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	M10021302	=100/36.1	3SB32 02-2KA11-0CC0
=100-LS1	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/36.1	3SB39 21-0BA
=100-LS1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/36.1	3SB39 25-0AV
=100-GF1	1	2-Leiter-Sicherungsklemme, grau 8mm breit, Cage Clamp	Wago GmbH & Co. KG	M10015067	=100/37.0	282-696
=100-GF1	1	Abschluss- und Zwischenplatte, orange 2mm dick	Wago GmbH & Co. KG	M10015068	=100/37.0	282-333
=100-GA1	1	Schlüsselschaltgeraet	AVS Aggregatebau	M10011598	=100/37.1	K26MUE_KSE_72
=100-GK1	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.1	788-312
=100-GK6	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.2	788-312
=100-GK61	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.6	788-312
=100-GK9	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.7	788-312
=100-GK9.1	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.8	788-312
=100-P5	1	Betriebsstundenzaehler 12 - 48V DC	ABB AG	M10011841	=100/38.1	E233-12/48
=100-GP1	1	Tankanzeige elektrisch, rund D=64mm	Motometer	609 005 1002	=100/38.2	609 005 1002
=100-GK26	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/38.4	788-312
=100-GKT1	1	Zeitrelais mit LED 1 Wechsler, Cage Clamp	Siemens	M10014285	=100/38.5	3RP15 25-2AP30
=100-GKT2	1	Zeitrelais mit LED 1 Wechsler, Cage Clamp	Siemens	M10014285	=100/38.8	3RP15 25-2AP30
=100-GS2	1	Drucktaster schwarz flacher Druckknopf, 1S	Siemens	2219477	=100/39.6	3SB32 02-0AA11-0CC0
=100-GS2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/39.6	3SB39 25-0AV
=100-GS2	1	Schutzkappe für Drucktaster flach	Siemens	3SB39 21-0AH	=100/39.6	3SB39 21-0AH
=100-GH1	1	Leuchtmelder gelb, rund	Hella	2AA 003 257-031	=100/39.7	2AA 003 257-031
=100-GH1	1	Gluehlampe, klar BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.7	BA 7S 81552
=100-GH1	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/39.7	3SB39 25-0AV
=100-GH2	1	Leuchtmelder gelb, rund	Hella	2AA 003 257-031	=100/39.7	2AA 003 257-031
=100-GH2	1	Gluehlampe, klar BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.7	BA 7S 81552
=100-GH2	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/39.7	3SB39 25-0AV
=100-GH3	1	Leuchtmelder rot, rund	Hella	2AA 003 257-001	=100/39.8	2AA 003 257-001
=100-GH3	1	Gluehlampe, klar BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.8	BA 7S 81552
=100-GH3	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/39.8	3SB39 25-0AV
=100-SN0	1	Knebel 2 Schalterstellungen, verrastend, schwarz, 1S	Siemens	M10021302	=100/41.1	3SB32 02-2KA11-0CC0
=100-SN0	2	Schaltelement 1OE Einbautiefe 50mm	Siemens	M10017539	=100/41.1	3SB34 03-0C
=100-SN0	1	Schutzkappe für Knebel	Siemens	3SB39 21-0BA	=100/41.1	3SB39 21-0BA
=100-SN0	1	Schildtraeger	Siemens	3SB39 25-0AV	=100/41.1	3SB39 25-0AV
=100-KGA1	1	Hilfsschuetz SIRIUS 2S+2OE 24VDC, Cage Clamp	Siemens	2256202	=100/41.2	3RH2122-2BB40
=100-KGA2	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.2	788-312
=100-KGA3	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.3	788-312
=100-8K04	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.4	788-312
=100-8K03	1	Stecksockel mit Relais 2 Wechsler 250V AC/8A Spule 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.4	788-312

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EDITED		JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 6	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.					PG. 12		

Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
-XOUT	1	Attachment housing 16-pol. with 2 bow	ILME GmbH	M10020941	=A0/19.6	CHI 16
-XOUT	1	Plug housing M25 with Bolt for 2 Bow	ILME GmbH	MHO 16.25	=A0/19.6	M10011806
-XOUT	1	Socket insert 16-poled+pe 16A max, 500V	ILME GmbH	CSEF 16	=A0/19.6	2390436
-XOUT	1	Pin insert 16-pol+pe 16A max, 500V	ILME GmbH	CSEM 16	=A0/19.6	M10011812
-3X2	1	Pin insert 4-pol+pe 10A max, 250V	ILME GmbH	M10011804	=A0/19.6	CKM 04
-3X2	1	Socket insert 4-pol+pe 10A max, 250V	ILME GmbH	M10011805	=A0/19.6	CKF 04
-3X2	1	Add-on housing without Cable outlet	ILME GmbH	CKAX 03 IA	=A0/19.6	2454383
-3X2	1	Plug housing with Bolt	ILME GmbH	MKA V20	=A0/19.6	M10011803
-4X1	1	Pin insert 4+2-pol +PE 80A max+16A max, 400V	ILME GmbH	M10012918	=A0/19.6	CXM 4/2
-4X1	1	Socket insert 4+2-pol +PE 80A max+16A max, 400V	ILME GmbH	M10012917	=A0/19.6	CXF 4/2
-4X1	1	Attachment housing 16-pol. with 2 bow	ILME GmbH	M10020941	=A0/19.6	CHI 16
-4X1	1	Plug housing M32 with Bolt for 2 Bow	ILME GmbH	MHO 16.32	=A0/19.6	MHO 16.32
-4X2	1	Pin insert 4-pol+pe 10A max, 250V	ILME GmbH	M10011804	=A0/19.6	CKM 04
-4X2	1	Socket insert 4-pol+pe 10A max, 250V	ILME GmbH	M10011805	=A0/19.6	CKF 04
-4X2	1	Add-on housing without Cable outlet	ILME GmbH	CKAX 03 IA	=A0/19.6	2454383
-4X2	1	Plug housing with Bolt	ILME GmbH	MKA V20	=A0/19.6	M10011803
=100-0P1	1	Ammeter 800/1600/5a	Langer Messtechnik GmbH	M10009940	=100/1.1	RQ 72 E 800/1600/5A
=100-0T02	1	Summation current transformer 500ma	Doepke	MF1W 105/0,5	=100/1.1	MF1W 105/0,5
=100-0Q1	1	Power switch 3p 600A BG3	NZMN3-AE600-NA	Moeller	=100/1.1	NZMN3-AE600-NA
=100-0Q1	1	Main switch kit	f. NZM3, N3	Moeller	=100/1.1	NZM3-XTVDVR-NA
=100-0Q1	1	Undervoltage circuit breaker with 2 vhi	NZM2/3-XUHV3C380-440AC	Moeller	=100/1.1	NZM2/3-XUHV3C380-440AC
=100-0Q1	1	Contact element 1S Front	M22-CK10	Moeller	=100/1.1	M22-CK10
=100-0Q1	4	Busbar holder	3pol 60mm Bar distance	Rittal GmbH & Co. KG	=100/1.1	SV 9340.050
=100-0Q1	2	End cover	Length 900 mm	Rittal GmbH & Co. KG	=100/1.1	SV 9340.070
=100-0Q1	2	Base tray	Length 900 mm	Rittal GmbH & Co. KG	=100/1.1	SV 9340.120
=100-0T01	1	Current transformer ac 40	800/5A	Langer Messtechnik GmbH	=100/1.1	TAC 40 800/5A
=100-0F00	1	Fuse holder 2-pol.	600V, 30A	Woehner GmbH & Co. KG	=100/1.2	31 296
=100-0F00	2	Fuse link size 10 x 38	2A, 600V AC	Woehner GmbH & Co. KG	=100/1.2	31 245
=100-PE	2	Busbar holder	1pol	Rittal GmbH & Co. KG	=100/1.2	SV 9340.030
=100-0F01	1	RESIDUAL CURRENT DEVICE	2NO, 500V, 16A	Doepke	=100/1.3	MFR
=100-0SS	1	Key-operated switch, with Mounting support	2 Switching positions O-I, locked	Siemens	=100/1.6	3SB30 00-4HD11
=100-0SS	1	Tag holder		Siemens	=100/1.6	3SB39 25-0AV
=100-0SS	1	IVS-TOP HAT RAIL ADAPTOR		Klöckner Moeller	=100/1.6	M22-IVS
=100-TS1	1	Position switch	2S+1NC	Siemens	=100/1.7	3SE5232-0PC05
=100-TS2	1	Position switch	2S+1NC	Siemens	=100/1.7	3SE5232-0PC05
=100-TS3	1	Position switch	2S+1NC	Siemens	=100/1.7	3SE5232-0PC05
=100-TS4	1	Position switch	2S+1NC	Siemens	=100/1.7	3SE5232-0PC05
=100-0F06	1	Fuse holder 1-pol.	600V, 30A	Woehner GmbH & Co. KG	=100/3.1	31 295
=100-0F06	1	Fuse link size 10 x 38	6A, 600V AC	Woehner GmbH & Co. KG	=100/3.1	31 247
=100-0F07	1	Fuse holder 1-pol.	600V, 30A	Woehner GmbH & Co. KG	=100/3.3	31 295
=100-0F07	1	Fuse link size 10 x 38	6A, 600V AC	Woehner GmbH & Co. KG	=100/3.3	31 247
=100-0F08	1	Automatic circuit breaker one-pole type c	10A 230/400V	Siemens	=100/3.5	5SY6 110-7
=100-SX	1	Handle 2 switch positions, locking, black, 1no		Siemens	=100/3.7	3SB32 02-2KA11-0CC0
=100-SX	1	Protecting cap for Handle		Siemens	=100/3.7	3SB39 21-0BA
=100-SX	1	Tag holder		Siemens	=100/3.7	3SB39 25-0AV
=100-KX	1	Plug-in base w. relay	2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	=100/3.7	788-312
=100-0F03	1	Fuse holder 3-pol.	600V, 30A	Woehner GmbH & Co. KG	=100/4.1	31 297
=100-0F03	3	Fuse link size 10 x 38	30A, 600V AC	Woehner GmbH & Co. KG	=100/4.1	31 252
=100-0F04	1	RESIDUAL CURRENT DEVICE	4pol 40A	ABB AG	=100/4.1	F204A-40/0,03
=100-0X5	1	Einbauschuksteckdose Typ: ME 530R7W	5-Pol 480V/30A	Mennekes	=100/4.1	60380MZ

DATE		04.Dez.2015		KLEEMANN GMBH		 		PART'S LIST		KLEEMANN SERIES		K007		= STK		+	
EDITED		JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 7	
CONTR.		D. MALLKOWSKY														PG. 12	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

Part's list

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-0F0	1	Fuse holder AMBUS Easyswitch 3-pol. 690V, 125A	Woehner GmbH & Co. KG	31 123	=100/5.1	31 123
=100-0F0	3	Fuse link 22x58 100A, 690V, gg	Woehner GmbH & Co. KG	31 203	=100/5.1	31 203
=100-0F0	1	CB Component adaptor 125A,600V, UL 508	Rittal GmbH & Co. KG	2196726	=100/5.1	SV 9342.550
=100-0F0	1	Connection bracket 6x9x0,8 mm for CB Component adaptor	Rittal GmbH & Co. KG	SV 9342.570	=100/5.1	SV 9342.570
=100-0X1	1	Einbauschukosteckdose Typ: ME 5100R7W 4-Pol 480V/100A	Menekes	M10019712	=100/5.1	60063MZ
=100-0F05	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/5.3	31 295
=100-0F05	1	Fuse link size 10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/5.3	31 249
=100-0F105	1	RESIDUAL CURRENT DEVICE 2pol 25A	ABB AG	F202A-25/0,03	=100/5.3	F202A-25/0,03
=100-0X4	1	Socket 1-Pol+N+PE 125V/15A	ABL SURSUM	UL12505	=100/5.3	UL12505
=100-0F1	1	Fuse holder 2-pol. 600V, 30A	Woehner GmbH & Co. KG	31 296	=100/5.5	31 296
=100-0F1	2	Fuse link size 10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/5.5	31 249
=100-0F1	1	OM Adaptor 32A,690V, UL 508	Rittal GmbH & Co. KG	M10025431	=100/5.5	SV 9340.510
=100-0T1	1	Transformer 1-phase 1600VA Prim. 400V AC Sec. 2x115V AC	Block GmbH & Co.KG	STU1600/4/23	=100/5.5	STU1600/4/23
=100-0F1.3	1	Automatic circuit breaker one-pole type c 2A 240V AC/60V DC	Siemens	5SJ4102-7HG41	=100/5.5	5SJ4102-7HG41
=100-0F1.3	1	Auxiliary switch 1no 1nc for 5SJ LS-Switch T=70mm	Siemens	5ST3010-OHG	=100/5.5	5ST3010-OHG
=100-0F02	1	Automatic circuit breaker two-pole type c 2A 240V AC/60V DC	Siemens	5SJ4202-7HG41	=100/5.7	5SJ4202-7HG41
=100-0P2	1	Voltmeter 500v	Langer Messtechnik GmbH	M10006617	=100/5.7	RQ 72 E 500V
=100-0S00	1	Mushroom push button red, 1NO+1NC, locking, with rotatory unlocking	Siemens	3SB32 01-1HA20-0CC0	=100/6.6	3SB32 01-1HA20-0CC0
=100-0S00	2	Switching element 1nc Mounting depth 50mm	Siemens	M10017539	=100/6.6	3SB34 03-0C
=100-0S00	1	Protecting cap for Pilz-Push button	Siemens	3SB19 02-2BH	=100/6.6	3SB19 02-2BH
=100-0S00	1	Tag holder for EMERGENCY-OFF Pilz-Push button	Moeller	M22-XAK1	=100/6.6	M22-XAK1
=100+S-XSBT1	1	Socket insert 10-pol +PE 16A max, 500V	ILME GmbH	2302895	=100/6.7	CSEF 10
=100+S-XSBT1	1	Add-on housing with 2 Bow	ILME GmbH	2332565	=100/6.7	CHI 10
=100+S-XSBT2	1	Plug housing M20 red	ILME GmbH	2332604	=100/6.7	MHOR 10.20
=100+S-XSBT2	1	Pin insert 10-pol +PE 16A max, 500V	ILME GmbH	2302911	=100/6.7	CSEM 10
=100+S-XSBT2.	1	Plug housing M20 with Bolt for 2 Bow	ILME GmbH	2302913	=100/6.7	MHO 10.20
=100+S-XSBT2.	1	Pin insert 10-pol +PE 16A max, 500V	ILME GmbH	2302911	=100/6.7	CSEM 10
=100-D1	1	Switchgear 24 v 3NO+1NC	Pilz GmbH & Co.	M10015065	=100/6.1.4	PNOZ X4
=100-0F2	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.1	31 295
=100-0F2	1	Fuse link size 10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/7.1	31 247
=100-KN1	1	Auxiliary relay sirius 2NO+2NC 24VDC, Cage Clamp	Siemens	2256202	=100/7.1	3RH2122-2BB40
=100-KN2	1	Auxiliary relay sirius 2NO+2NC 24VDC, Cage Clamp	Siemens	2256202	=100/7.2	3RH2122-2BB40
=100-0F3	1	Automatic circuit breaker one-pole type c 6A 400V AC/220V DC	Siemens	M10019164	=100/7.3	5SY6 106-7
=100-0F3	1	Auxiliary switch 1no 1nc for ls-switch d=70mm	Siemens	M10019130	=100/7.3	5ST3 010
=100-0S1	1	Key-operated switch, o-i ronis 1NO w.holder	Siemens	M10021350	=100/7.3	3SB32 02-4AD11-0CC0
=100-0S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/7.3	3SB39 25-0AV
=100-0K1	1	Contact, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/7.3	3RT2016-2BB41
=100-0K1	1	Auxiliary switch block 2NO+2NC Cage-Clamp-Connection	Siemens	2255490	=100/7.3	3RH2911-2FA22
=100-GF2	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.5	31 295
=100-GF2	1	Fuse link size 10 x 38 15A, 600V AC	Woehner GmbH & Co. KG	M10025370	=100/7.5	31 249
=100+M-1H2	1	Back-up warning 24V DC	Bosch	A65	=100/7.6	A65
=100-0F4	1	Fuse holder 1-pol. 600V, 30A	Woehner GmbH & Co. KG	31 295	=100/7.6	31 295
=100-0F4	1	Fuse link size 10 x 38 6A, 600V AC	Woehner GmbH & Co. KG	M10025368	=100/7.6	31 247
=100+M-00H2	1	Siren 24v dc, 0,5a	Funke+Huster GmbH	M10011815	=100/7.7	KS 24
=100+M-00H3	1	Flash light AC/DC 24V	Telemechanique	XVB L6B5AB	=100/7.8	XVB L6B5AB
=100-1P1	1	Ammeter 500/1000/5a	Langer Messtechnik GmbH	M10011872	=100/8.1	RQ 72 E 500/1000/5A
=100-1K01	1	Monitoring relay 1 changeover cont.,24-240V AC/DC,0,1-10A AC/DC	Siemens	M10014275	=100/8.1	3UG46 22-2AW30
=100-1T1	1	Current transformer ac 32 500/5A	Langer Messtechnik GmbH	M00000009	=100/8.3	TAC 32 500/5A
=100-1K0	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/8.6	ZEV
=100-1K0	1	Current sensor 40-820a	Klöckner Moeller	M10019256	=100/8.6	ZEV-XSW-820

DATE	04.Dez.2015	KLEEMANN GMBH	 	PART'S LIST	KLEEMANN SERIES	K007	=	STK	+
EDITED	JBR				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	8
CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z US							
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-1K0	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 800mm	Moeller	M10019257	=100/8.6	ZEV-XVK-80
=100-1KC1	1	Motor contactor, 90kw/400v 3H, 2S+2NC, 110-127V AC/DC, with Varistor	Siemens	M10020791	=100/9.1	3RT10 56-2AF36
=100-1KC1	2	Connection over for Contactors SIZE. S6	Siemens	3RT19 56-4EA1	=100/9.1	3RT19 56-4EA1
=100-1KT1	1	Time-delay relay 24V DC/AC,100...127V AC 1NO+1NO delayed, Cage Clamp	Siemens	3RP15 76-2NQ30	=100/9.3	3RP15 76-2NQ30
=100-1KC2	1	Motor contactor, 90kw/400v 3H, 2S+2NC, 110-127V AC/DC, with Varistor	Siemens	M10020791	=100/9.4	3RT10 56-2AF36
=100-1KC2	2	Connection over for Contactors SIZE. S6	Siemens	3RT19 56-4EA1	=100/9.4	3RT19 56-4EA1
=100-1KC3	1	Motor contactor, 75kw/400v 3H, 2S+2NC, 110-127V AC/DC, with Varistor	Siemens	M10020792	=100/9.6	3RT10 55-2AF36
=100-1KC3	2	Connection over for Contactors SIZE. S6	Siemens	3RT19 56-4EA1	=100/9.6	3RT19 56-4EA1
=100-1KC3	1	Parallel connection for Contactors SIZE. S6	Siemens	3RT19 56-4BA31	=100/9.6	3RT19 56-4BA31
=100-2Q1	1	Circuit breaker 4,5-6,3a with auxiliary switch,for motor protecting	Siemens	2255703	=100/10.1	3RV2011-1GA15
=100-2Q1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/10.1	SV 9342.310
=100-2Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/10.1	SV 9342.850
=100-2F1	1	Automatic circuit breaker three-pole type c 25A 240V AC/60V DC	Siemens	5SJ4325-7HG41	=100/10.4	5SJ4325-7HG41
=100-2F1	1	Auxiliary switch 1no 1nc for 5SJ LS-Switch T=70mm	Siemens	5ST3010-OHG	=100/10.4	5ST3010-OHG
=100-2F1	1	OM Adaptor 32A,690V	Rittal GmbH & Co. KG	2196715	=100/10.4	SV 9340.460
=100-3Q1	1	Circuit breaker 11-16a with auxiliary switch,for motor protecting	Siemens	2255713	=100/10.7	3RV2011-4AA15
=100-3Q1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/10.7	SV 9342.310
=100-3Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/10.7	SV 9342.850
=100-3X1	1	Einbauschukosteckdose Typ: ME 520R7W 5-Pol 480V/20A	Menekes	60336MZ	=100/10.7	60336MZ
=100-4Q1	1	Circuit breaker 22-32a w.out auxiliary switch,f.motor protection	Siemens	M10018521	=100/11.1	3RV10 31-4EA10
=100-4Q1	1	OM Adaptor 65A, 690V	Rittal GmbH & Co. KG	2196712	=100/11.1	SV 9340.410
=100-4Q1	1	Traverse auxiliary switch 1NO+1NC	Siemens	M10019971	=100/11.1	3RV19 01-1E
=100-4K0	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/11.3	ZEV
=100-4K0	1	Current sensor 2-65a	Klöckner Moeller	M10013727	=100/11.3	ZEV-XSW-65
=100-4K0	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 200mm	Moeller	M10013728	=100/11.3	ZEV-XVK-20
=100-5Q1	1	Circuit breaker 7-10a with auxiliary switch,for motor protecting	Siemens	2255708	=100/11.4	3RV2011-1JA15
=100-5Q1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/11.4	SV 9342.310
=100-5Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/11.4	SV 9342.850
=100-5K0	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/11.5	ZEV
=100-5K0	1	Current sensor 1-25a	Klöckner Moeller	M10019255	=100/11.5	ZEV-XSW-25
=100-5K0	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 200mm	Moeller	M10013728	=100/11.5	ZEV-XVK-20
=100-5Q2	1	Circuit breaker 7-10a with auxiliary switch,for motor protecting	Siemens	2255708	=100/11.7	3RV2011-1JA15
=100-5Q2	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/11.7	SV 9342.310
=100-5Q2	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/11.7	SV 9342.850
=100-5K0.1	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/11.8	ZEV
=100-5K0.1	1	Current sensor 1-25a	Klöckner Moeller	M10019255	=100/11.8	ZEV-XSW-25
=100-5K0.1	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 200mm	Moeller	M10013728	=100/11.8	ZEV-XVK-20
=100-6Q1	1	Circuit breaker 9-12,5a with auxiliary switch,for motor protecting	Siemens	2255711	=100/12.1	3RV2011-1KA15
=100-6Q1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/12.1	SV 9342.310
=100-6Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/12.1	SV 9342.850
=100-7F1	1	Automatic circuit breaker three-pole type c 63A 240V AC/60V DC	Siemens	5SJ4363-7HG41	=100/12.4	5SJ4363-7HG41
=100-7F1	1	Auxiliary switch 1no 1nc for 5SJ LS-Switch T=70mm	Siemens	5ST3010-OHG	=100/12.4	5ST3010-OHG
=100-7F1	1	OM Adaptor 65A, 690V	Rittal GmbH & Co. KG	2196712	=100/12.4	SV 9340.410
=100-7K0	1	Electronic motor protection relay 2NO 2NC	Klöckner Moeller	M10013726	=100/12.5	ZEV
=100-7K0	1	Current sensor 2-65a	Klöckner Moeller	M10013727	=100/12.5	ZEV-XSW-65
=100-7K0	1	Connecting line f.zev-xsw-25, 65, 145, 820 Length 200mm	Moeller	M10013728	=100/12.5	ZEV-XVK-20
=100-9Q1	1	Circuit breaker 7-10a with auxiliary switch,for motor protecting	Siemens	2255708	=100/13.1	3RV2011-1JA15
=100-9Q1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/13.1	SV 9342.310
=100-9Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/13.1	SV 9342.850
=100-10Q1	1	Circuit breaker 4,5-6,3a with auxiliary switch,for motor protecting	Siemens	2255703	=100/13.3	3RV2011-1GA15

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EDITED JBR		MOBICAT MC 120 Z US					KLEEMANN MATERIAL NO 2268570		CAE-SYSTEM: EPLAN 5.70		PG. 9	
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.			PG. 12		

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-10Q1	1	OM Adaptor 32A,690V, UL 508	Rittal GmbH & Co. KG	M10025431	=100/13.3	SV 9340.510
=100-10Q1	1	Mounting rail 45mm	Rittal GmbH & Co. KG	2196728	=100/13.3	SV 9342.850
=100-13Q1	1	Circuit breaker 0,28-0,4a with auxiliary switch,for motor protecting	Siemens	2255735	=100/13.6	3RV2011-0EA15
=100-13Q1	1	Connection adaptor 800A, -690V, UL508, 3x1pol	Rittal GmbH & Co. KG	2196964	=100/13.6	SV 9342.310
=100-8Q1	1	Control switch 4-pol 12kw 400V 32A	Moeller	M10013874	=100/14.1	T3-4-8223/E
=100-8A1	1	Frequency converter 380-480V, 25/29A, 50-60Hz, 11/15kw	Control Techniques	M20000268	=100/14.2	SK 2403
=100-8F1	1	Automatic circuit breaker three-pole type c 35A 240V AC/60V DC	Siemens	5SJ4335-7HG41	=100/14.2	5SJ4335-7HG41
=100-8F1	1	Auxiliary switch 1no 1nc for 5SJ LS-Switch T=70mm	Siemens	5ST3010-0HG	=100/14.2	5ST3010-0HG
=100-8F1	1	OM Adaptor 32A,690V	Rittal GmbH & Co. KG	2196715	=100/14.2	SV 9340.460
=100-8L1	1	Line reactor 28,8A, max.600V 50-60Hz	Control Techniques	KDD 0,4/N/600V/28,8A/4UK	=100/14.2	KDD 0,4/N/600V/28,8A/4UK
=100-8F2	1	Overload relay 7-10a, 1no+1nc f.individual assembly	Siemens	2255404	=100/14.2	3RU2116-1JC1
=100-8F3	1	Overload relay 7-10a, 1no+1nc f.individual assembly	Siemens	2255404	=100/14.4	3RU2116-1JC1
=100-RB	1	Frame resistance SP 100W 400V 37,5 Ohm	Control Techniques	M10020877	=100/14.7	SP
=100-8K0	1	Thermal machine protection, 2 led 1NO+1NC, 24V DC, Cage Clamp-Connection	Siemens	M10014273	=100/15.3	3RN10 10-2CB00
=100-SC	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/17.1	3SB32 02-2KA11-0CC0
=100-SC	1	Tag holder	Siemens	3SB39 25-0AV	=100/17.1	3SB39 25-0AV
=100-SC	1	IVS-TOP HAT RAIL ADAPTOR	Klöckner Moeller	M10018771	=100/17.1	M22-IVS
=100-A0_OP	1	Operator panel 256kB user memory, 24V DC	VIPA GmbH	M10019119	=100/17.2	OP 03 603-10P00
=100-A_FW	1	Remote maintenance system	MB Connect Line	M20000333	=100/17.2	MDH 513
=100-A_FW	1	Connecting cable	MB Connect Line	8248	=100/17.2	8248
=100-A_FW	1	MPI Connecting cable 1,2m	MB Connect Line	KS 1.2/9	=100/17.2	KS 1.2/9
=100-A0_CPU	1	PLC-CPU WITH MPI 256 counter, 48kByte RAM	VIPA GmbH	M10020750	=100/17.2	VIPA 214-1BA02
=100-A0_CPU	1	Bus connector 2-fold	VIPA GmbH	290-0AA20	=100/17.2	290-0AA20
=100-A0_CPU	1	Bus connector 8-fold	VIPA GmbH	290-0AA80	=100/17.2	290-0AA80
=100-A0_2	1	In-/output module sm 238 12DI+4DIO,3AI+1PI100,2AO,24V DC	VIPA GmbH	M10020887	=100/17.2	SM 238-2BC00
=100-A0_3	1	Digital output module sm 222 16DO, 24V DC, 1A	VIPA GmbH	M10021058	=100/17.3	SM 222-1BH10
=100-A0_4	1	Digital input module sm 221 32DI, 24VDC	VIPA GmbH	M10021059	=100/17.4	SM 221-2BL10
=100-A0_5	1	Digital input module sm 221 32DI, 24VDC	VIPA GmbH	M10021059	=100/17.5	SM 221-2BL10
=100-A0_6	1	Digital output module sm 222 32DO, 24V DC, 1A	VIPA GmbH	M10021060	=100/17.6	SM 222-2BL10
=100-1K1	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/22.1	788-312
=100-1K08	1	Contact, 3kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256180	=100/22.5	3RT2015-2BB41
=100-2KC1	1	Contact, 3kw/400V 3H 1NC 24V DC, Cage-Clamp	Siemens	2256178	=100/23.1	3RT2015-2BB42
=100-2KC2	1	Contact, 3kw/400V 3H 1NC 24V DC, Cage-Clamp	Siemens	2256178	=100/23.2	3RT2015-2BB42
=100-3KC1	1	Contact, 5,5kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/23.3	3RT2017-2BB41
=100-2KC3	1	Contact, 11kw/400V 3H 1S+1NC 24V DC, Cage-Clamp	Siemens	2256200	=100/23.4	3RT2026-2BB40
=100-4KC1	1	Contact 15kw/400V 3H 1S+1NC, 24V DC, without Varistor,	Siemens	2268888	=100/23.5	3RT2027-2BB40
=100-5KC1	1	Contact, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.6	3RT2016-2BB41
=100-5KC2	1	Contact, 4kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256186	=100/23.7	3RT2016-2BB41
=100-6KC1	1	Contact, 5,5kw/400V 3H 1S 24V DC, Cage-Clamp	Siemens	2256190	=100/23.8	3RT2017-2BB41
=100-S0.0	1	Illuminated push button white, led integrated flat push button 1no, uc 24v	Siemens	2219470	=100/24.1	3SB32 45-0AA61-0CC0
=100-S0.0	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.1	3SB39 21-0AH
=100-S0.0	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.1	3SB39 25-0AV
=100-S0.1	1	Push button red flat push button 1nc	Siemens	2219480	=100/24.2	3SB32 03-0AA21-0CC0
=100-S0.1	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.2	3SB39 21-0AH
=100-S0.1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.2	3SB39 25-0AV
=100-S0.2	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/24.3	3SB32 02-2KA11-0CC0
=100-S0.2	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/24.3	3SB39 21-0BA
=100-S0.2	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.3	3SB39 25-0AV
=100-S0.3	1	Push button blue flat push button, 1no	Siemens	3SB32 02-0AA51-0CC0	=100/24.4	3SB32 02-0AA51-0CC0
=100-S0.3	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/24.4	3SB39 21-0AH

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EDITED	JBR				KLEEMANN MATERIAL NO	2268570	CAE-SYSTEM: EPLAN 5.70	PG.	10
CONTR.	D. MALLKOWSKY	MOBICAT MC 120 Z US						PG.	12
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.		

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-S0.3	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.4	3SB39 25-0AV
=100-S0.4	1	Illuminated push button red, led integrated	Siemens	2219472	=100/24.5	3SB32 46-0AA21-0CC0
=100-S0.4	2	Switching element w.1 switch member 1no	Siemens	M10017540	=100/24.5	3SB34 03-0B
=100-S0.4	1	Protecting cap	Siemens	3SB39 21-0AH	=100/24.5	3SB39 21-0AH
=100-S0.4	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.5	3SB39 25-0AV
=100-2S2	1	Handle 3 switch positions,	Siemens	3SB32 10-2DA11-0CC0	=100/24.6	3SB32 10-2DA11-0CC0
=100-2S2	1	Protecting cap	Siemens	3SB39 21-0BA	=100/24.6	3SB39 21-0BA
=100-2S2	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.6	3SB39 25-0AV
=100-2S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/24.7	3SB32 45-0AA41-0CC0
=100-2S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/24.7	3SB39 21-0AH
=100-2S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.7	3SB39 25-0AV
=100-3S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/24.8	3SB32 45-0AA41-0CC0
=100-3S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/24.8	3SB39 21-0AH
=100-3S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/24.8	3SB39 25-0AV
=100-4S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.1	3SB32 45-0AA41-0CC0
=100-4S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.1	3SB39 21-0AH
=100-4S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.1	3SB39 25-0AV
=100-5S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.2	3SB32 45-0AA41-0CC0
=100-5S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.2	3SB39 21-0AH
=100-5S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.2	3SB39 25-0AV
=100-6S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.3	3SB32 45-0AA41-0CC0
=100-6S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.3	3SB39 21-0AH
=100-6S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.3	3SB39 25-0AV
=100-7S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.4	3SB32 45-0AA41-0CC0
=100-7S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.4	3SB39 21-0AH
=100-7S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.4	3SB39 25-0AV
=100-8S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.5	3SB32 45-0AA41-0CC0
=100-8S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.5	3SB39 21-0AH
=100-8S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.5	3SB39 25-0AV
=100-10S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/25.7	3SB32 45-0AA41-0CC0
=100-10S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/25.7	3SB39 21-0AH
=100-10S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/25.7	3SB39 25-0AV
=100-9S1	1	Illuminated push button green, led integrated	Siemens	M10020706	=100/26.4	3SB32 45-0AA41-0CC0
=100-9S1	1	Protecting cap	Siemens	3SB39 21-0AH	=100/26.4	3SB39 21-0AH
=100-9S1	1	Tag holder	Siemens	3SB39 25-0AV	=100/26.4	3SB39 25-0AV
=100-S5.2	1	Illuminated push button yellow,led integrated	Siemens	3SB32 45-0AA31-0CC0	=100/29.3	3SB32 45-0AA31-0CC0
=100-S5.2	1	Protecting cap	Siemens	3SB39 21-0AH	=100/29.3	3SB39 21-0AH
=100-S5.2	1	Tag holder	Siemens	3SB39 25-0AV	=100/29.3	3SB39 25-0AV
=100+8S	1	Handle 3 switch positions,	Siemens	M10021301	=100/29.7	3SB32 10-2EA11-0CC0
=100+8S	1	Protecting cap	Siemens	3SB39 21-0BA	=100/29.7	3SB39 21-0BA
=100+8S	1	Tag holder	Siemens	3SB39 25-0AV	=100/29.7	3SB39 25-0AV
=100-7KC1	1	Contacteur 15kw/400V	Siemens	2268888	=100/32.1	3RT2027-2BB40
=100-8KC1	1	Contacteur 15kw/400V	Siemens	2268888	=100/32.2	3RT2027-2BB40
=100-9KC1	1	Contacteur, 5,5kw/400V	Siemens	2256190	=100/32.3	3RT2017-2BB41
=100-10KC1	1	Contacteur, 3kw/400V	Siemens	2256180	=100/32.4	3RT2015-2BB41
=100-00K2	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.7	788-312
=100-00K3	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/32.8	788-312
=100-8K2	1	Plug-in base w. relay	Wago GmbH & Co. KG	M10019133 + M10019138	=100/33.2	788-312
=100-0H6	1	Signal lamp blue, with smooth lens	Siemens	3SB32 44-6AA50-0CC0	=100/33.8	3SB32 44-6AA50-0CC0
=100-0H6	1	Tag holder	Siemens	3SB39 25-0AV	=100/33.8	3SB39 25-0AV

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EDITED		JBR		MOBICAT MC 120 Z US						KLEEMANN MATERIAL NO		2268570		CAE-SYSTEM: EPLAN 5.70		PG. 11	
CONTR.		D. MALLKOWSKY												PG. 12			
MODIFICAT.	DATE	NAME	NORM	DIN	ORIGIN	REP.F.	REP.T.										

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Component designation	Amount	DESIGNATION	Manufacturer	Article number	Page/Path	Model number
=100-0H2	1	Signal lamp white, with smooth lens LED INTEGRATED, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/34.2	3SB32 44-6AA60-0CC0
=100-0H2	1	Tag holder	Siemens	3SB39 25-0AV	=100/34.2	3SB39 25-0AV
=100-0H2.1	1	Signal lamp white, with smooth lens LED INTEGRATED, 24V	Siemens	3SB32 44-6AA60-0CC0	=100/34.3	3SB32 44-6AA60-0CC0
=100-0H2.1	1	Tag holder	Siemens	3SB39 25-0AV	=100/34.3	3SB39 25-0AV
=100-LS1	1	Base for relay lz:mt32...	Siemens	M10010285	=100/36.1	LZX-MT78750
=100-LS1	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/36.1	3SB32 02-2KA11-0CC0
=100-LS1	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/36.1	3SB39 21-0BA
=100-LS1	1	Tag holder	Siemens	3SB39 25-0AV	=100/36.1	3SB39 25-0AV
=100-GF1	1	2-lead-fuse clip, gray 8mm wide, Cage Clamp	Wago GmbH & Co. KG	M10015067	=100/37.0	282-696
=100-GF1	1	Cover and distance plate, orange 2mm thick	Wago GmbH & Co. KG	M10015068	=100/37.0	282-333
=100-GA1	1	Key-operated device	AVS Aggregatebau	M10011598	=100/37.1	K26MUE_KSE_72
=100-GK1	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.1	788-312
=100-GK6	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.2	788-312
=100-GK61	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.6	788-312
=100-GK9	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.7	788-312
=100-GK9.1	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/37.8	788-312
=100-P5	1	Operating hour meter 12 - 48V DC	ABB AG	M10011841	=100/38.1	E233-12/48
=100-GP1	1	Fuel level electric, round d=64 mm	Motometer	609 005 1002	=100/38.2	609 005 1002
=100-GK26	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/38.4	788-312
=100-GKT1	1	Time-delay relay with led 1 changeover contact, Cage Clamp	Siemens	M10014285	=100/38.5	3RP15 25-2AP30
=100-GKT2	1	Time-delay relay with led 1 changeover contact, Cage Clamp	Siemens	M10014285	=100/38.8	3RP15 25-2AP30
=100-GS2	1	Push button black flat push button, 1no	Siemens	2219477	=100/39.6	3SB32 02-0AA11-0CC0
=100-GS2	1	Tag holder	Siemens	3SB39 25-0AV	=100/39.6	3SB39 25-0AV
=100-GS2	1	Protecting cap for Push button flat	Siemens	3SB39 21-0AH	=100/39.6	3SB39 21-0AH
=100-GH1	1	Signal lamp yellow,round	Hella	2AA 003 257-031	=100/39.7	2AA 003 257-031
=100-GH1	1	Incandescent lamp, transparent BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.7	BA 7S 81552
=100-GH1	1	Tag holder	Siemens	3SB39 25-0AV	=100/39.7	3SB39 25-0AV
=100-GH2	1	Signal lamp yellow,round	Hella	2AA 003 257-031	=100/39.7	2AA 003 257-031
=100-GH2	1	Incandescent lamp, transparent BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.7	BA 7S 81552
=100-GH2	1	Tag holder	Siemens	3SB39 25-0AV	=100/39.7	3SB39 25-0AV
=100-GH3	1	Signal lamp red, round	Hella	2AA 003 257-001	=100/39.8	2AA 003 257-001
=100-GH3	1	Incandescent lamp, transparent BA 7S, 24V, 3W	Scharnberger+Has.	BA 7S 81552	=100/39.8	BA 7S 81552
=100-GH3	1	Tag holder	Siemens	3SB39 25-0AV	=100/39.8	3SB39 25-0AV
=100-SN0	1	Handle 2 switch positions, locking, black, 1no	Siemens	M10021302	=100/41.1	3SB32 02-2KA11-0CC0
=100-SN0	2	Switching element 1nc Mounting depth 50mm	Siemens	M10017539	=100/41.1	3SB34 03-0C
=100-SN0	1	Protecting cap for Handle	Siemens	3SB39 21-0BA	=100/41.1	3SB39 21-0BA
=100-SN0	1	Tag holder	Siemens	3SB39 25-0AV	=100/41.1	3SB39 25-0AV
=100-KGA1	1	Auxiliary relay sirius 2NO+2NC 24VDC, Cage Clamp	Siemens	2256202	=100/41.2	3RH2122-2BB40
=100-KGA2	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.2	788-312
=100-KGA3	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.3	788-312
=100-8K04	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.4	788-312
=100-8K03	1	Plug-in base w. relay 2 changeover contact 250V AC/8A coil 24V DC	Wago GmbH & Co. KG	M10019133 + M10019138	=100/41.4	788-312