

wiring diagram

- weishaupt -

THIS WIRING DIAGRAM CONSISTS OF INDIVIDUAL SHEETS IDENTIFIED BY THE 'SHEET NUMBER / NUMBER OF SHEETS'

THE WIRING SYSTEM REFERENCES CONFORM TO EN-/DIN REQUIREMENTS.

THE LOCATION IN THE DIAGRAM COMPRISES 'SHEET NUMBER, DIAGRAM SECTION'.

TERMINAL DESIGNATION :

X3 BURNER TERMINALS

BEFORE COMMISSIONING CHECK WIRING AND PROGRAM SEQUENCE FOR CORRECT FUNCTION. COMMISSIONING SHOULD ONLY BE UNDERTAKEN BY AUTHORIZED PERSONNEL.

THE SWITCHING CAPACITY OF THE CONTROLS (E.G. THERMOSTATS, PRESSURE SWITCHES, WATER LEVEL CONTROLS ETC.) SHOULD BE NOTED AND A SUITABLE CONTROL FUSE FITTED.

IN THE CASE OF MISTAKES IN THIS WIRING DIAGRAM, RESPONSIBILITY WILL ONLY BE ACCEPTED WITHIN THE FRAMEWORK OF OUR DELIVERY AND PAYMENT CONDITIONS.

EARTH CONTINUITY AND OTHER PROTECTION TO CONFORM WITH LOCAL REQUIREMENTS !

DRAWING SYSTEM EXPLANATIONS :

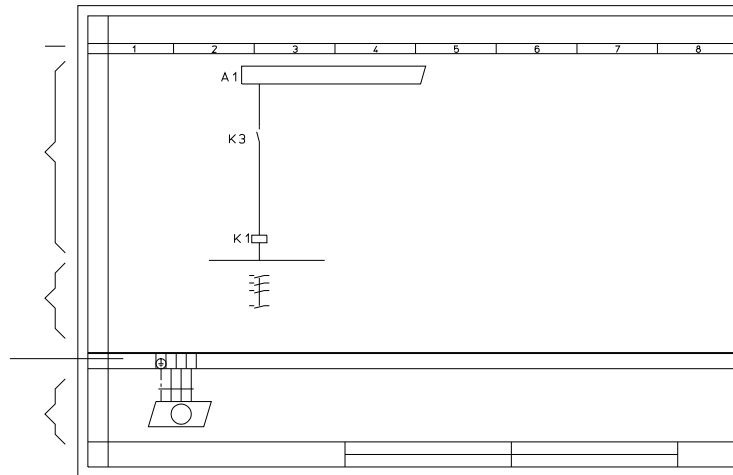
REFERENCE DIVISION

CIRCUIT DIAGRAM

SWITCHING CONTACTS AND LOCATION

BURNER-TERMINALS

EXTERNAL CONNECTION DIAGRAM



THIS DRAWING IS PROTECTED AND MUST NOT BE COPIED OR MADE AVAILABLE TO UNAUTHORISED THIRD PERSONS.

61002/010002
11.04.00 ZN

ORIGIN.	CUSTOMER	-	C	P11 AUF KLEMMLEIS.	15.09.04 ZN	DATE	NAME	TITLE	G1 - G3 VERS.ZE	- weishaupt -
FIST.	LOCATION	-	B	PE-ANSCHL.DRUCKW.	24.01.03 KC	DRAWN	BJ	DRAWING NO.		
ADDIT.	ORDER NO.	-	A	S7	22.05.00 BJ	CHKD		63362/020003 BI.01/06	MAX WEISHAUPT GMBH	88475 SCHWENDI
			NO.	CHANGE	DATE&NAME	STD.				

060316-1530-1300.0580

LEGEND :

- A1 BURNER CONTROL
- B1 FLAME SENSOR
- C1 MOTOR CAPACITOR
- F1 MAIN FUSE
- F3 CONTROL FUSE
- F10 PRESSURE SWITCH FOR AIR
- F11 LOW PRESSURE SWITCH GAS
- F15 TEMPERATURE- OR PRESS.REGULATOR
- F16 TEMPERATURE- OR PRESS.REGULATOR FULL LOAD
- H1 INDICAT.LAMP BURNER ON
- H5 INDICAT.LAMP LOW GAS PRESSURE (OPTION)
- H6 INDICAT.LAMP FAULT BURNER
- H11 INDICAT.LAMP OPERATION
- H12 INDICAT.LAMP FULL LOAD
- K1 HEAVY DUTY CONTACTOR BURNER MOTOR
- K15 AUXIL.RELAY IN SERVOMOTOR
- K17 AUX.CONTACTOR
- M1 BURNER MOTOR
- P11 HOUR COUNTER OPERATION (OPTION)
- P12 HOUR COUNTER FULL LOAD (OPTION)
- Q1 MAIN SWITCH
- S1 CONTROL SWITCH BURNER ON/OFF
- S2 CONTROL SWITCH AUTOMATIC
- S3 FAULT RESET BURNER CONTROL EXT. (OPTION)
- S7 LIMIT SWITCH AT BURNER FLANGE
- S9 PUSH BUTTON EMERGENCY-OFF
- S16 TEST KEY FLAME SENSOR
- T1 IGNITION TRANSFORMER
- X3 TERMINALS AT BURNER
- X6 BOILER PLUG (OPTION)
- X7 BOILER PLUG (OPTION)
- X8 PLUG AT LOW PRESSURE SWITCH GAS
- X9 PLUG AT SOLENOID VALVE MAIN GAS
- X11 TEST PLUG FLAME SENSOR
- Y2 SOLENOID VALVE MAIN GAS
- Y6 SERVOMOTOR
- Y8 VALVE PROVING (OPTION)

- I AUX.SWITCH (FREE)
- II AUX.SWITCH PARTIAL LOAD
- III LIMIT SWITCH FULL LOAD
- IV LIMIT SWITCH CLOSED
- V AUX.SWITCH IGNITION LOAD
- VI AUX.SWITCH (FREE)

DIESE ZEICHNUNG IST GESCHÜTZT UND DARF WEDER KOPIERT, NOCH UNBEGLEITET DRITTEN PERSONEN ZUGÄNGLICH GEMACHT WERDEN.

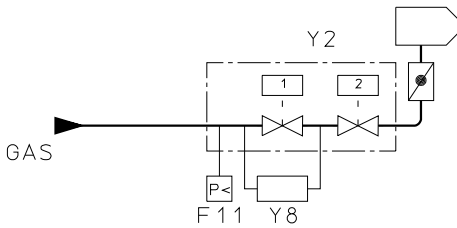
61001/020000

URSPR. -
ERST. -
ZUST. -

BAU-GRUPPE = B1

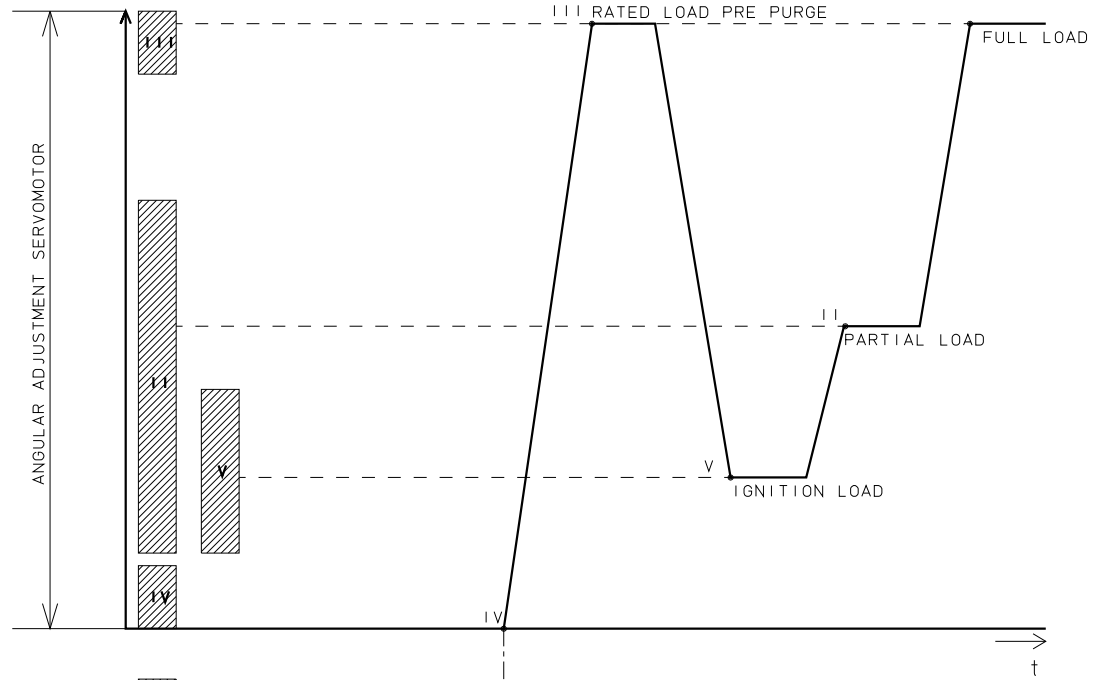
NR.	ÄNDERUNG	TAG	NAME	NORM.	DATUM	NAME	BENENNUNG	LEGEND
							SCHALTPLAN-NR.	63362/020003 Bl. 02/06
								<p>-weishaupt-</p> <p>MAX WEISHAUPT GMBH 88475 SCHWENDI</p>

DIESE ZEICHNUNG IST GESCHÜTZT UND DARF
 WEDER KOPIERT, NOCH UNBEFUGTEN DRITTEN
 PERSONEN ZUGÄNGLICH GEMACHT WERDEN.



LEGEND :

- F11 LOW.PRESSURE SWITCH GAS
- Y2 SOLENOID VALVE MAIN GAS
- Y8 VALVE PROVING (OPTION)



START CONDITION :
 SAFETY CIRCUIT CLOSED
 RELEASE REGUL.CONTROL

POSSIBLE ADJUSTING
 OF LIMIT SWITCH / AUX.SWITCH

- II AUX.SWITCH PARTIAL LOAD
- III LIMIT SWITCH FULL LOAD
- IV LIMIT SWITCH CLOSED
- V AUX.SWITCH IGNITION LOAD

61001/010045
 08.09.97 BJ

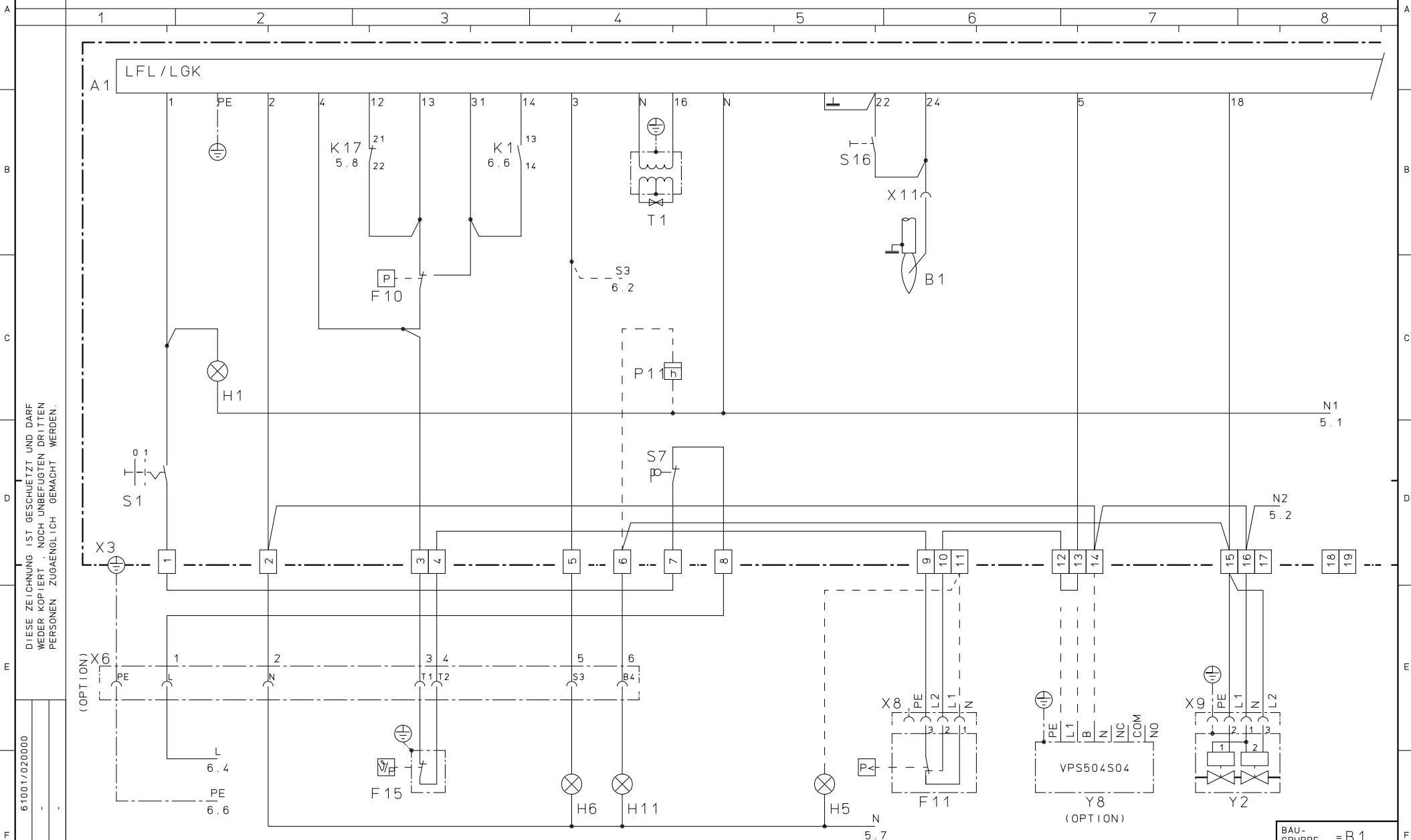
R+I-WIRING DIAGRAM
 LIMIT SWITCH DIAGRAM

NR.	ÄNDERUNG	TAG	NAME	DATUM	NAME

BENENNUNG	G1 - G3 VERS.ZE
SCHALTPLAN-NR.	63362/020003 Bl.03/06

BAU-GRUPPE =

-weishaupt-
 MAX WEISHAUPT GMBH
 88475 SCHWENDI



DIESE ZEICHNUNG IST GESCHÜTZT UND DARF WEDER KOPIERT, NOCH UNBEBUGTEN DRITTEN PERSONEN ZUGÄNGLICH GEMACHT WERDEN.

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ERST.	-
ZUST.	-

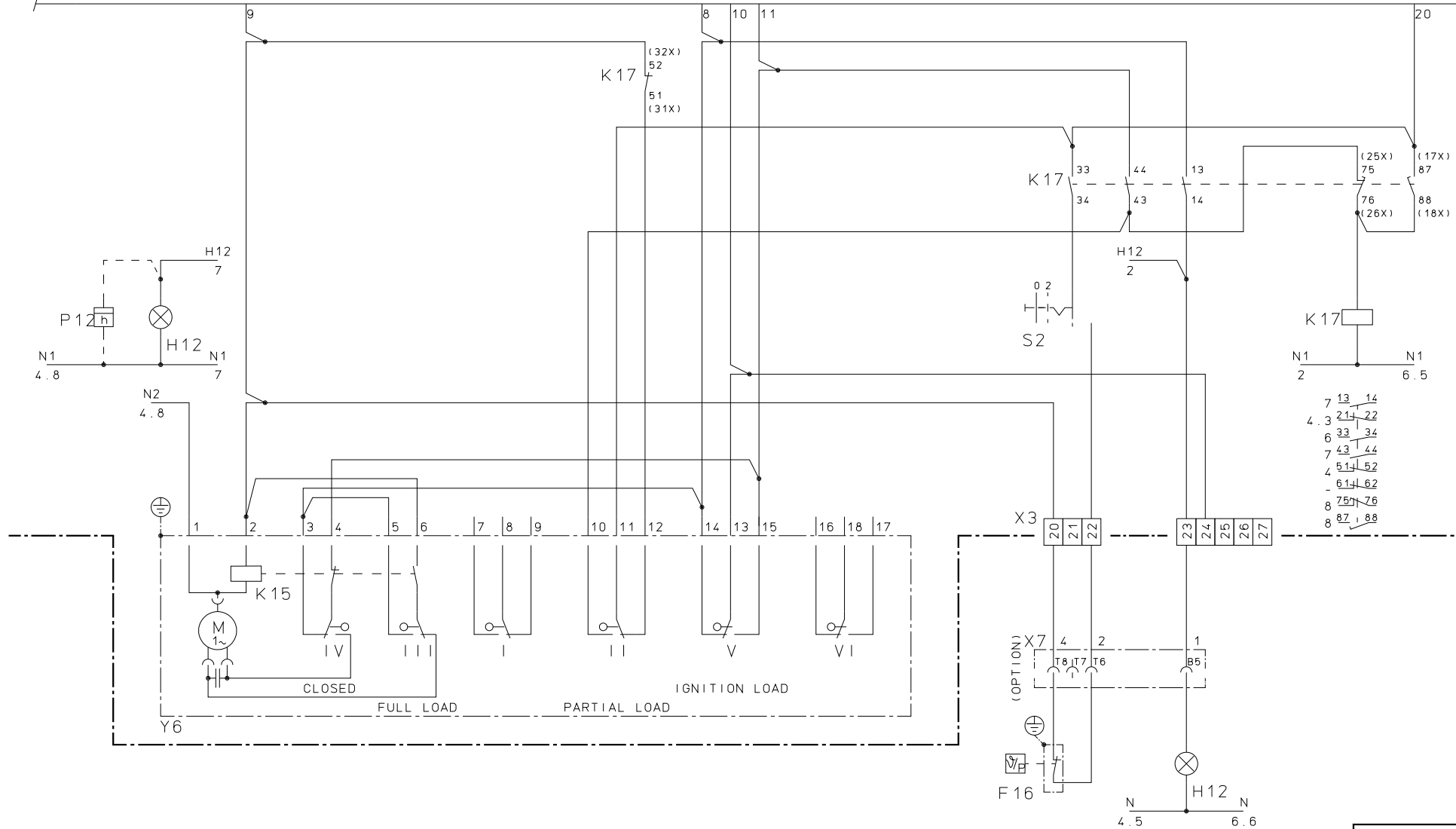
NR.	AENDERUNG	TAG	NAME	NORM.

DATUM	NAME	BENENNUNG	G1 - G3 VERS.ZE
		SCHALTPLAN-NR.	63362/020003 Bl.04/06

BAU-GRUPPE = B1

-weishaupt-
MAX WEISHAUPT GMBH
88475 SCHWENDI

A1 / LFL / LGK



DIESE ZEICHNUNG IST GESCHÜTZT UND DARF WEDER KOPIERT, NOCH UNBEBUGTEN DRITTEN PERSONEN ZUGÄNGLICH GEMACHT WERDEN.

URSPR.	61001/020000
ERST. ZUST.	-
	-

			DATUM	NAME
			GEZ.	
			GEPR.	
NR.	ÄNDERUNG	TAG	NORM.	

BENENNUNG G1 - G3 VERS. ZE
 SCHALTPLAN-NR. 63362/020003 Bl. 05/06

BAU-GRUPPE = B1
-weishaupt-
 MAX WEISHAUPT GMBH
 88475 SCHWENDI

060316-1530-1300.0580

A1 / LFL / LGK

DIESE ZEICHNUNG IST GESCHÜTZT UND DARF WEDER KOPIERT, NOCH UNBEGLEITET DRITTEN PERSONEN ZUGÄNGLICH GEMACHT WERDEN.

61001/020000

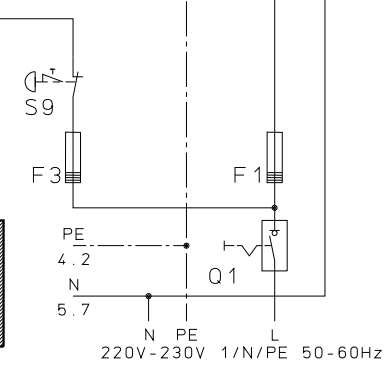
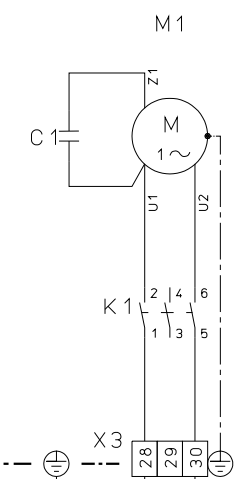
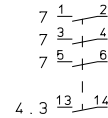
URSPR. -
ERST. -
ZUST. -

S3
4.4

S3 (OPTION)

SAFETY CIRCUIT RESP.
INTERLOCK SWITCHING
IN ACCORDANCE WITH
EN-/NATIONAL REGULATIONS !

N1
5.8



GEZ.		DATUM	NAME	BENENNUNG G1 - G3 VERS. ZE			
GEPR.				SCHALTPLAN-NR. 63362/020003 B1.06/06			
NORM.				BAU-GRUPPE = B1			
				-weishaupt- MAX WEISHAUPT GMBH 88475 SCHWENDI			