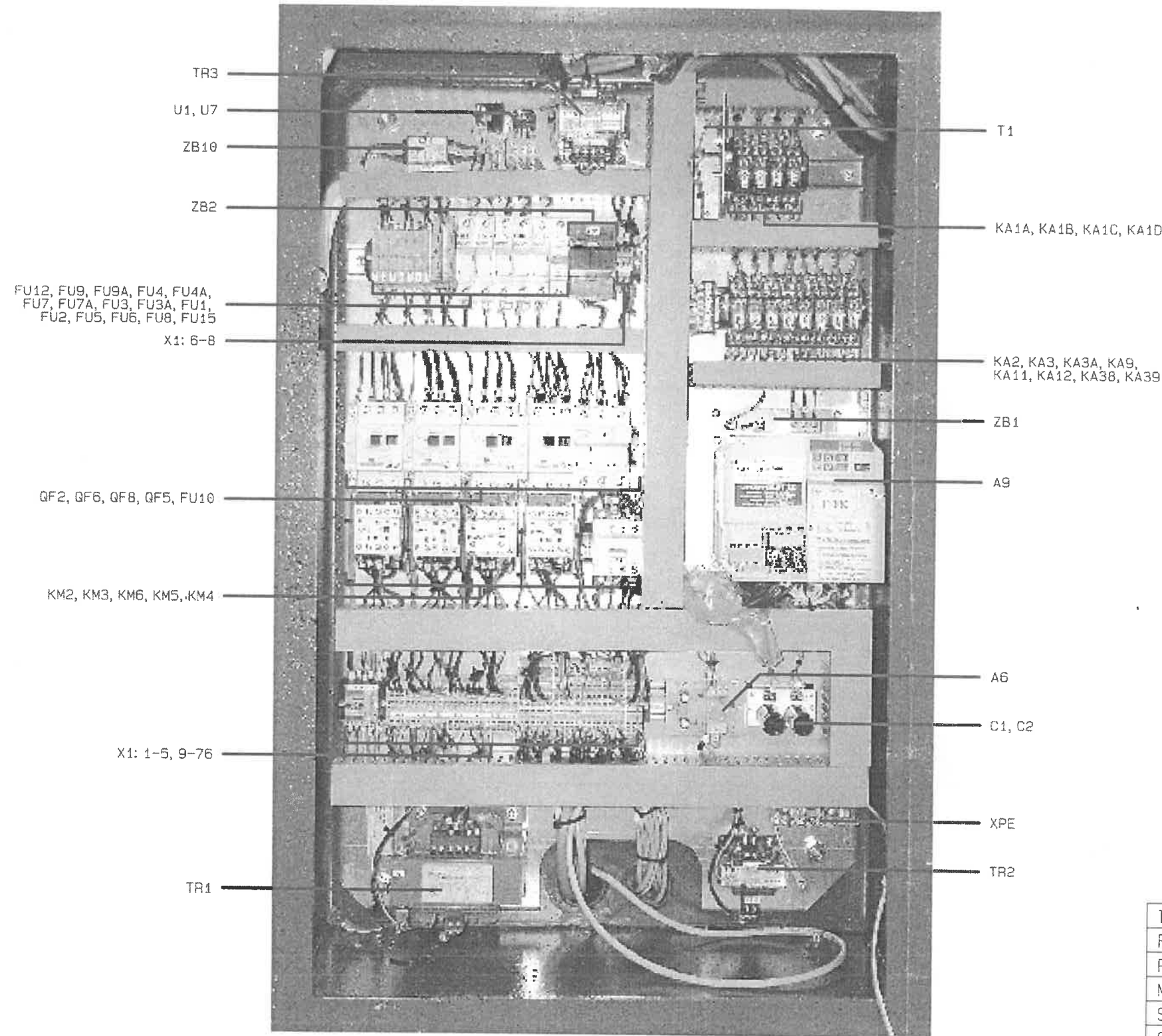


Schematic diagram



TYPE OF DISTRIBUTOR	CUBICLE DISTRIBUTOR		
FIELD COUNT	1	PARTING	-
PROTECTION-CLOSE	IP32	OPEN	IP00
MAIN	FROM BEHIND	TERMINALS	FROM BEHIND
SIZE (mm)	WIDTH 550mm	HEIGHT 1020mm	DEPTH 320mm
COLOURING	-		
VOLTAGE SYSTEM	PROTECTION AGAINST DANGEROUS CONTACT		
3/N/PE AC 400V 50Hz, TN-S	SELF-DISCONNECTION FROM SOURCE		
2 24VDC, PELV	LOW VOLTAGE		

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

version SW : 1.18.par
parameters : 409.par

CROSS-REFERENCE PLC bin. outputs TYPE: REFERENCE TABLE IN/OUT				-A1 14	CROSS-REFERENCE PLC bin. inputs			
TERMINAL	ADRESS	DESCRIPTION	MEANING		TERMINAL	ADRESS	DESCRIPTION	MEANING
21.01 13, 14	Q01	FRAME-UP (KA2)	Y2		31.01 13, 14	I01	EMERGENCY STOP	ok=1
21.03 13, 14	Q03	FIX VICE CLOSE (KA3)	Y3		31.03 13, 14	I03	OPEN COVER (KA1A(SQ1+SQ1A))	ok=1
21.05 13, 14	Q05	FIX VICE OPEN (KA3A+KA1C(SQ3))	Y3A		31.05 13, 14	I05	TENSING OF BAND +OIL PRESSURE (KA1B(SQ2+SQ2A))	ok=1
21.07 13, 14	Q07	reserve			31.07 13, 14	I07	BLOCKER OPENING OF VICE (KA1C(SQ3))	ok=1
21.09 13, 14	Q09	reserve			31.09 13, 14	I09	FRAME DOWN (SQ4 or SQ4A)	do1e=1
21.11 13, 14	Q11	reserve			31.11 13, 14	I11	reserve	
22.02 13, 14	Q02	reserve			32.02 13, 14	I02	reserve	
22.04 13, 14	Q04	reserve			32.04 13, 14	I04	reserve	
22.06 13, 14	Q06	reserve			32.06 13, 14	I06	reserve	
22.08 13, 14	Q08	FRAME-UNLOCK (KA9+KM2)	Y9		32.08 13, 14	I08	reserve	
22.10 13, 14	Q10	reserve			32.10 13, 14	I10	reserve	
22.12 13, 14	Q12	TENSING OF BAND (KA11)	Y11		32.12 13, 14	I12	reserve	
25.17 13, 14	Q17	BAND LEAVE OFF (KA12)	Y12		35.17 13, 14	I17	HYDRAULICS OVERCURRENT (QF2)	ok=1
25.19 13, 14	Q19	reserve			35.19 13, 14	I19	STAGING DEVICE OVERCURRENT (QF5+KA1D(SQ27))	ok=1
25.21 13, 14	Q21	reserve			35.21 13, 14	I21	EMULS. PUMP OVERCURRENT (QF6)	ok=1
25.23 13, 14	Q23	HYDRAULICS	KM2		35.23 13, 14	I23	BRUSH OVERCURRENT (QF8)	ok=1
25.25 13, 14	Q25	EMULSION	KM3		35.25 13, 14	I25	reserve	
25.27 13, 14	Q27	STAGING DEVICE (+KA1D(SQ27))	KM5		35.27 13, 14	I27	FREQ. CONVERTER A9 -FAULT (A9)	ok=1
26.18 13, 14	Q18	reserve			36.18 13, 14	I18	reserve	
26.20 13, 14	Q20	VICE Nr.3 CLOSE (KA38)	Y38		36.20 13, 14	I20	reserve	
26.22 13, 14	Q22	VICE Nr.3 OPEN (KA39)	Y39		36.22 13, 14	I22	reserve	
26.24 13, 14	Q24	DRIVE OF BAND (KA1A(SQ1+SQ1A) +KA1B(SQ2+SQ2A))	KM6		36.24 13, 14	I24	reserve	
26.26 13, 14	Q26	APPLICATOR	AP		36.26 13, 14	I26	reserve	
26.28 13, 14	Q28	reserve			36.28 13, 14	I28	reserve	
	ANAL061-CN15	FREQUENCY CONVERTER	A9		ENC2-CN12	FRAME LOCATION		BQ9
	ANAL062-CN16	PROPORT. VALVE	Y1		ANAL061-CN15	FREQUENCY CONVERTER		A9

FRAME UP
Q23 + Q1(Y2) + Q08(Y9)

FRAME DOWN
Q23 + Q08(Y9) + DAC2(Y1)



Investor: PEGAS-GONDA s.r.o.

Order number: IZ 4/09 EL

Project title:

Saw machine 600 CAMEL X

Constructor: Ing.Kopáček

Apr.:

Page title:

Ref.table bin.IN/OUT

Last changed:

Ref.: =RM

Date: 15.3.2010

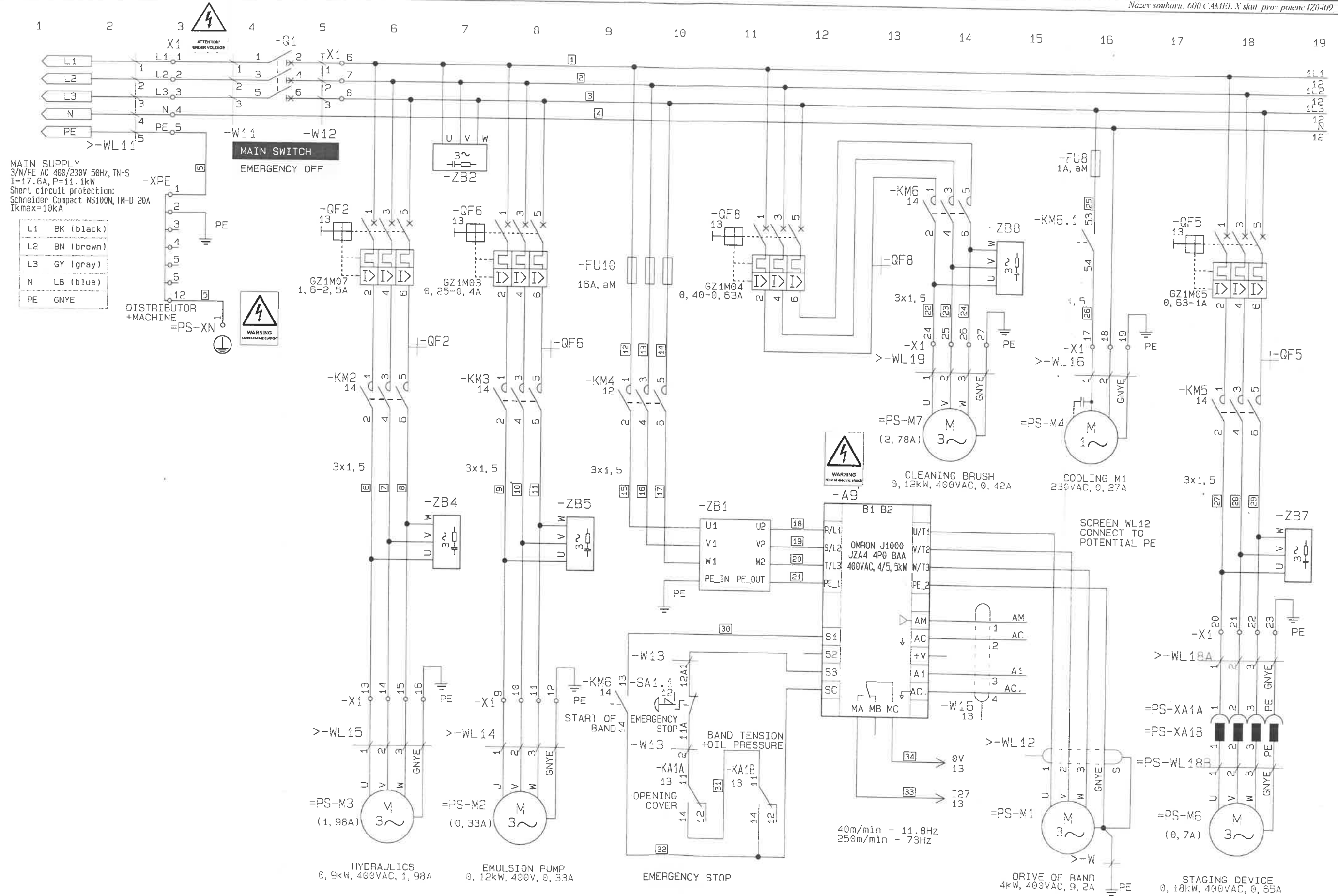
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

A1-03=2220	Resets all parameters to factory default settings.	0
B1-01=1	Selects the frequency reference input source.	1
B1-02=1	Selects the run command input source.	1
B1-04=1	Permits or prohibits reverse operation.	0
(B1-14=0)	Sets the phase order for drive output terminals U/T1, V/T2 and W/T3.	0
C1-01=4s	Sets the time to accelerate from 0 to maximum frequency.	10s
C1-02=4s C1-09=4s	Sets the time to decelerate from maximum frequency to 0. Sets the time to decelerate from maximum frequency to 0 for the multi-function input fast-stop function.	10s
C6-01=0 C6-02=4	Selects the load rating for the drive. Selects the carrier frequency.	C6-01=1 C6-02=3
E1-04=73	COEFFICIENT. Max Output Frequency (max. speed 250m/min).	50Hz
E1-05=400V	Max Output Voltage.	400VAC
E1-07=14Hz	Mid Output Frequency.	to the mode management
E1-08=100V	Mid Output Frequency Voltage.	to the type of management
E2-01=9,2A	Sets the motor nameplate full load current in amperes (A).	to the performance
H1-03=17	Multi-Function Digital Input Terminal S3 Function Selection.	24
H2-01=6	Multi-Function Digital Output Settings -Drive Ready.	E
H3-04=16%	Terminal A1 Bias Setting (min. speed 40m/min, 11.8Hz)	0%
H4-01=103	Selects the data to be output through multifunction analog output terminal AM.	102
H4-02=110	COEFFICIENT. Sets terminal AM output level when selected monitor is at 100%. Maximum output voltage is 10 V.	100%
L1-01=1	Motor Overload Protection Selection.	0
L1-02=1min.	Motor Overload Protection Time.	1min.
O1-02=4	User Monitor Selection After Power Up.	





MAIN SUPPLY
 3/N/PE AC 400/230V 50Hz, TN-S
 I=17.6A, P=11.1kW
 Short circuit protection:
 Schneider Compact NS100N, TM-D 20A
 Ikmax=10kA

- L1 BK (black)
- L2 BN (brown)
- L3 GY (gray)
- N LB (blue)
- PE GNYE

DISTRIBUTOR
 +MACHINE
 =PS-XN



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Drives

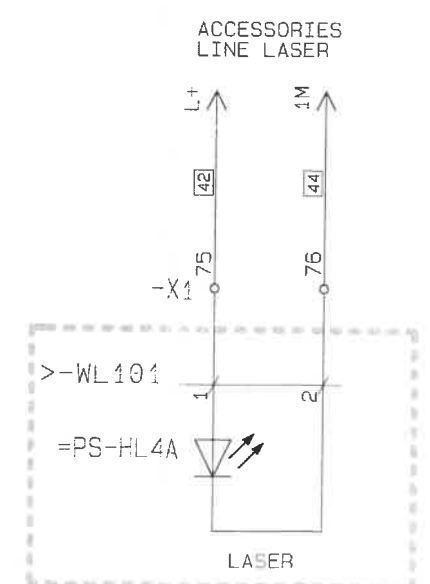
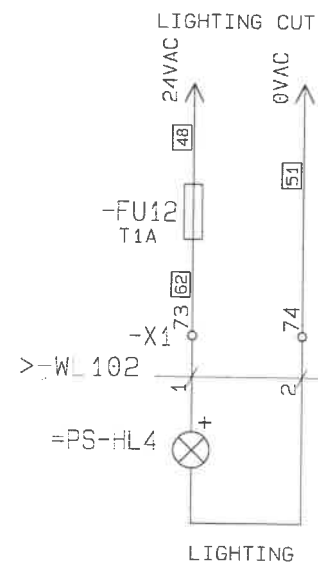
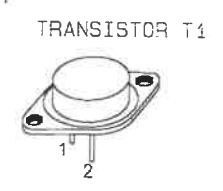
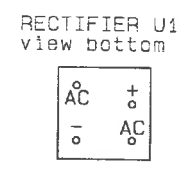
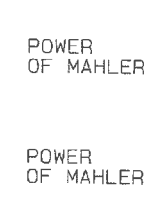
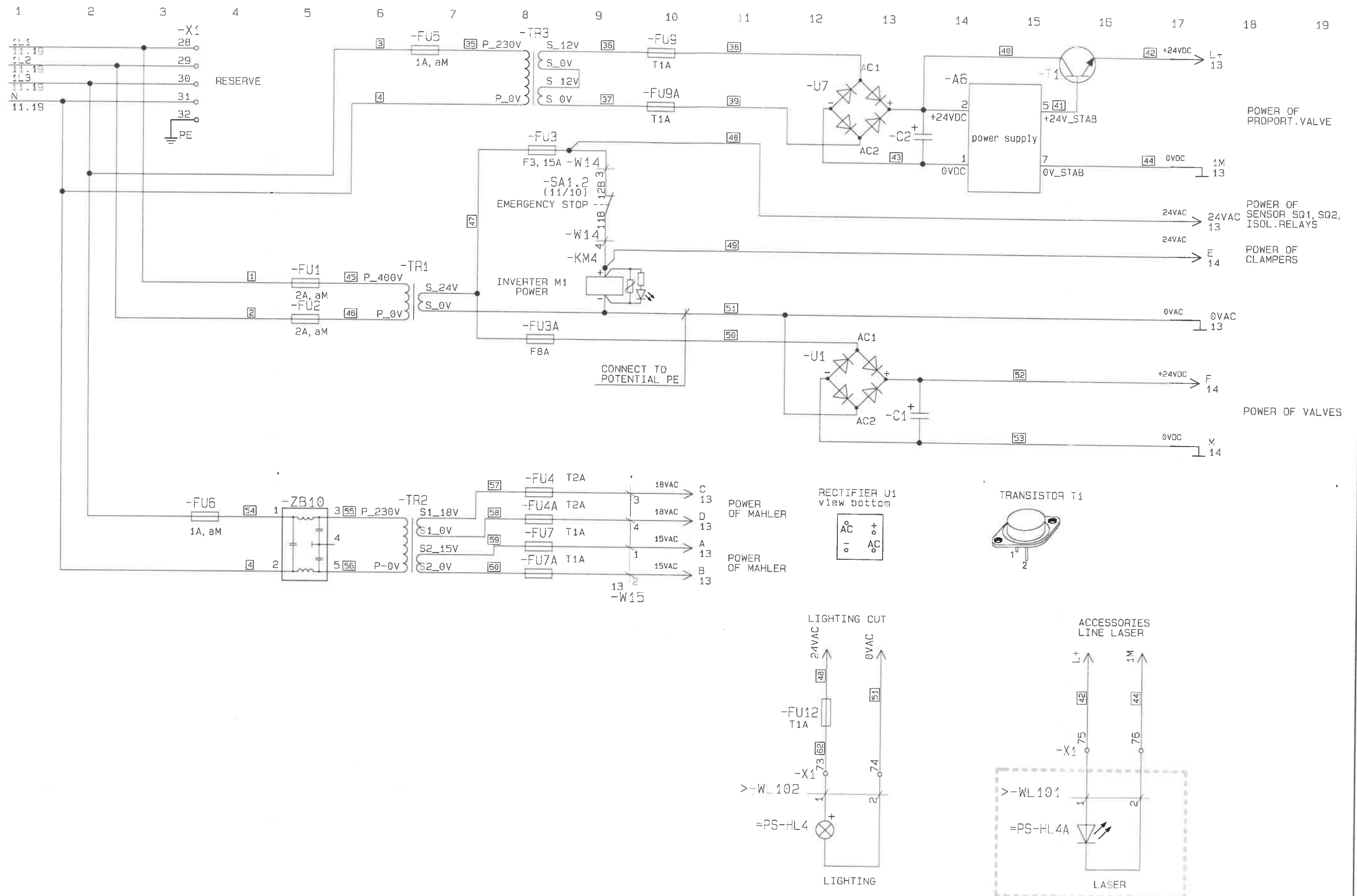
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Order number: IZ 4/09 EL
Project title:

Saw.machine 600 CAMEL X

Constructor: Ing.Kopáček
Apr.:
Page title:

Power supply, accessories

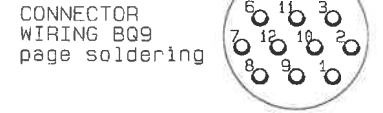
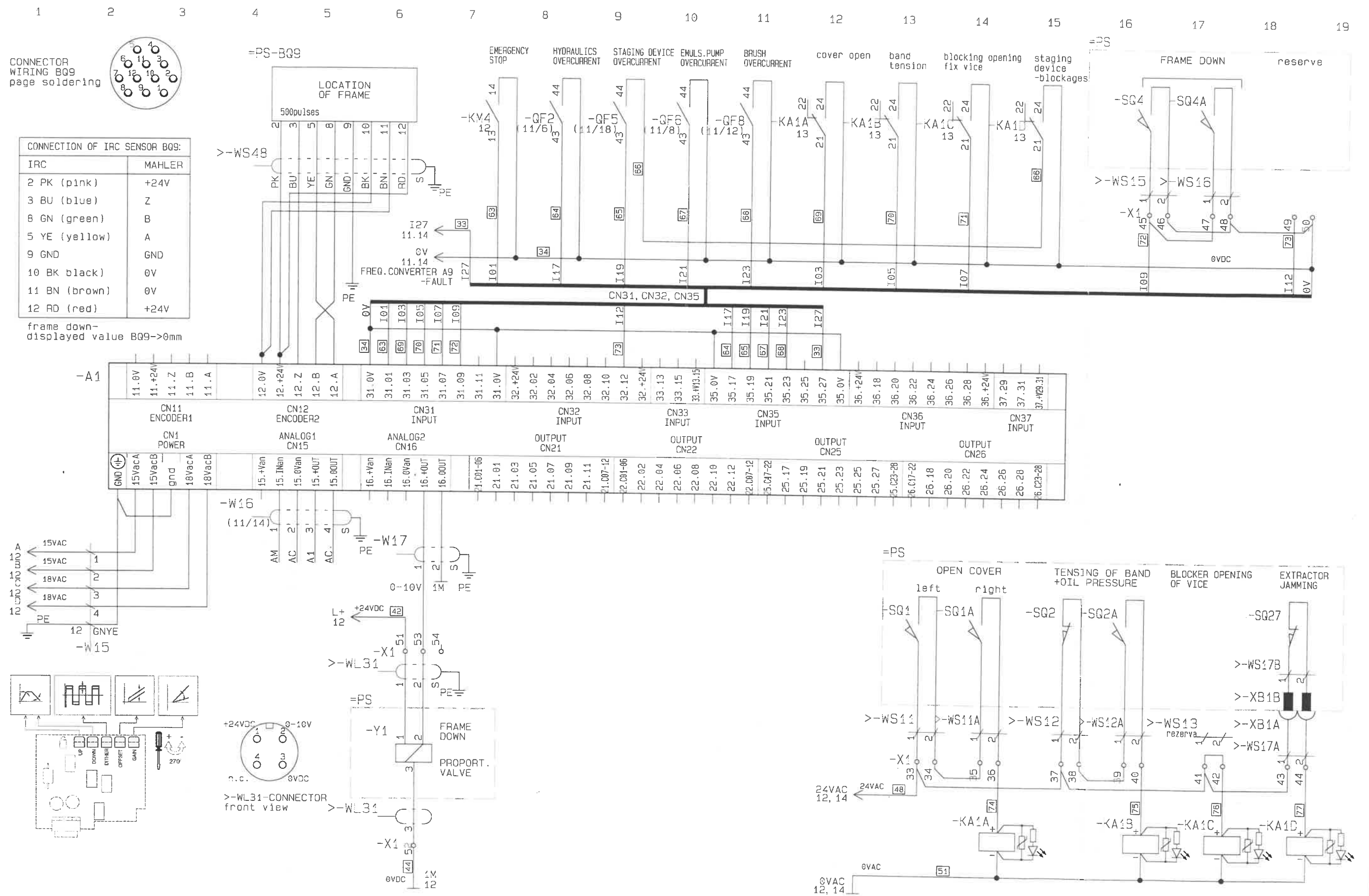
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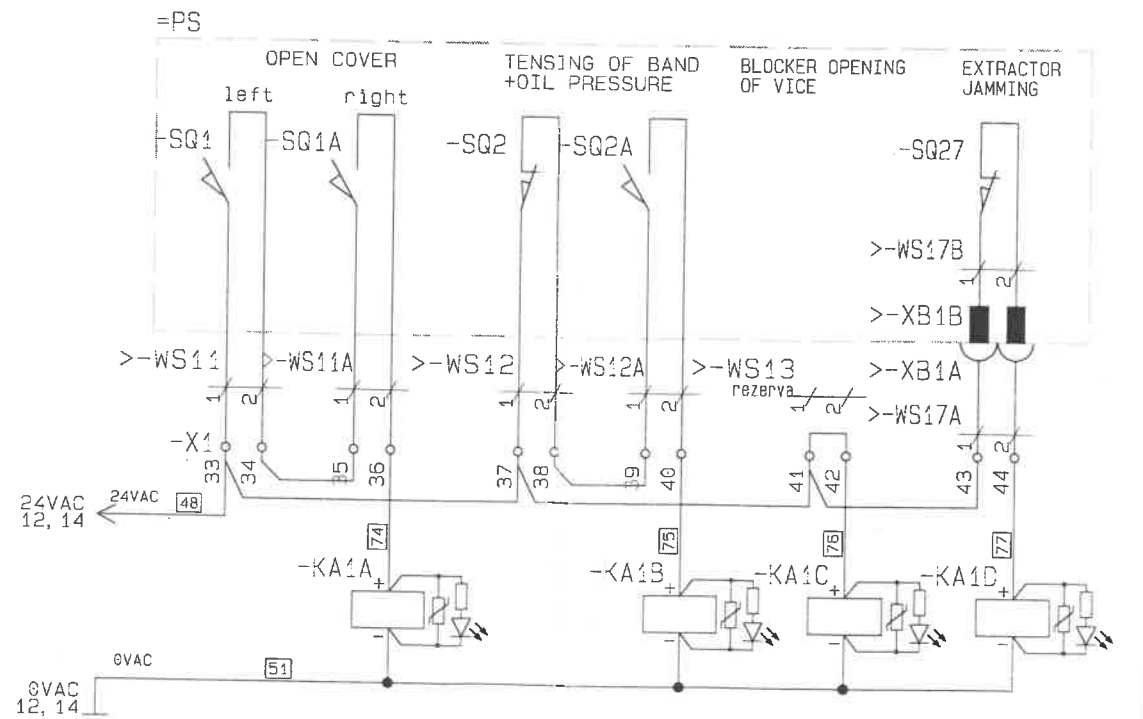
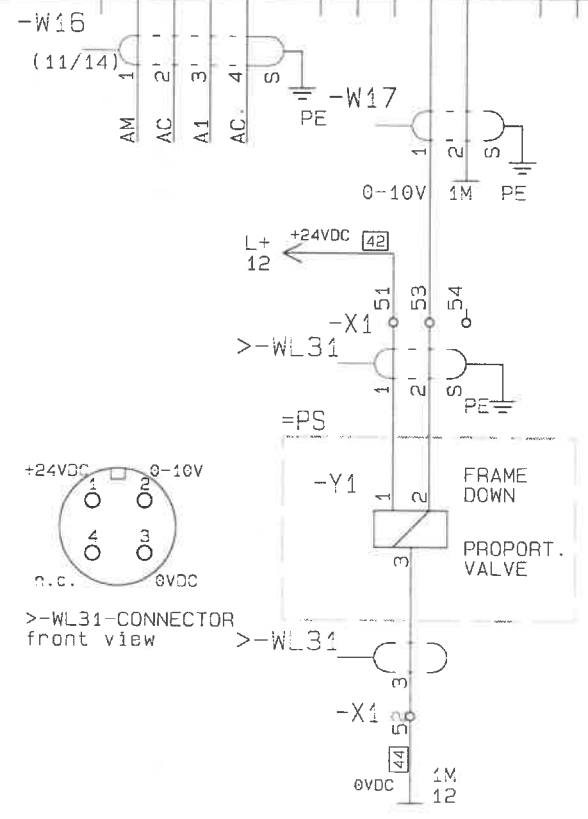
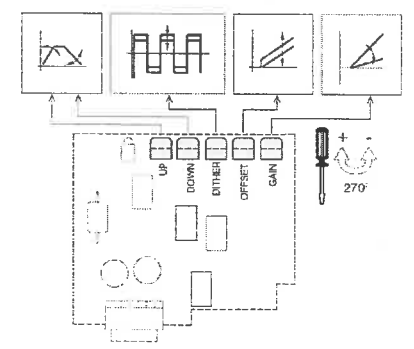
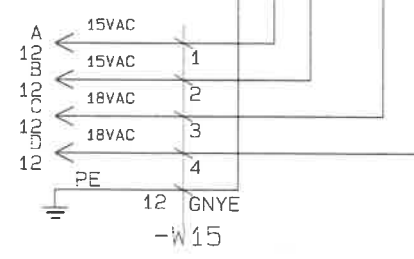
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CONNECTION OF IRC SENSOR BQ9:

IRC	MAHLER
2 PK (pink)	+24V
3 BU (blue)	Z
8 GN (green)	B
5 YE (yellow)	A
9 GND	GND
10 BK black)	0V
11 BN (brown)	0V
12 RD (red)	+24V

frame down-
displayed value BQ9->0mm



Investor: PEGAS-GONDA s.r.o.
Order number: IZ 4/09 EL
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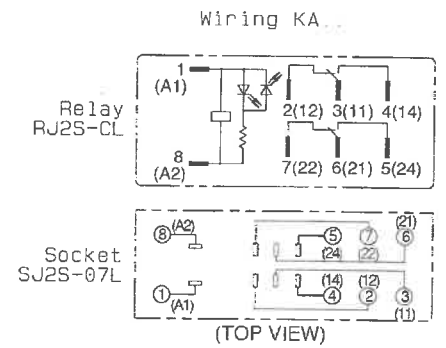
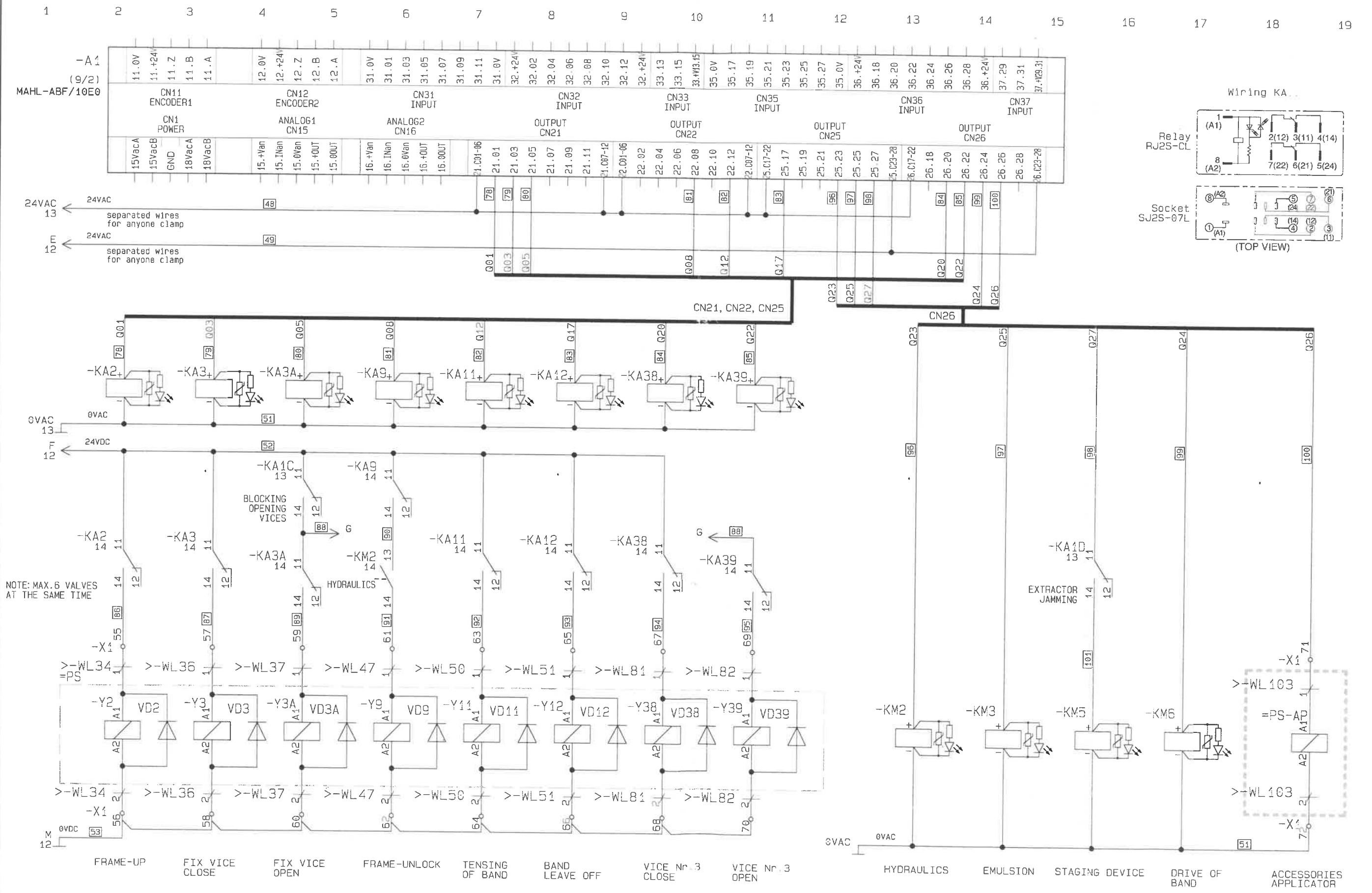
Saw.machine 600 CAMEL X

Constructor: Ing.Kopáček
Apr.:

Inputs of control system

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NOTE: MAX. 6 VALVES AT THE SAME TIME