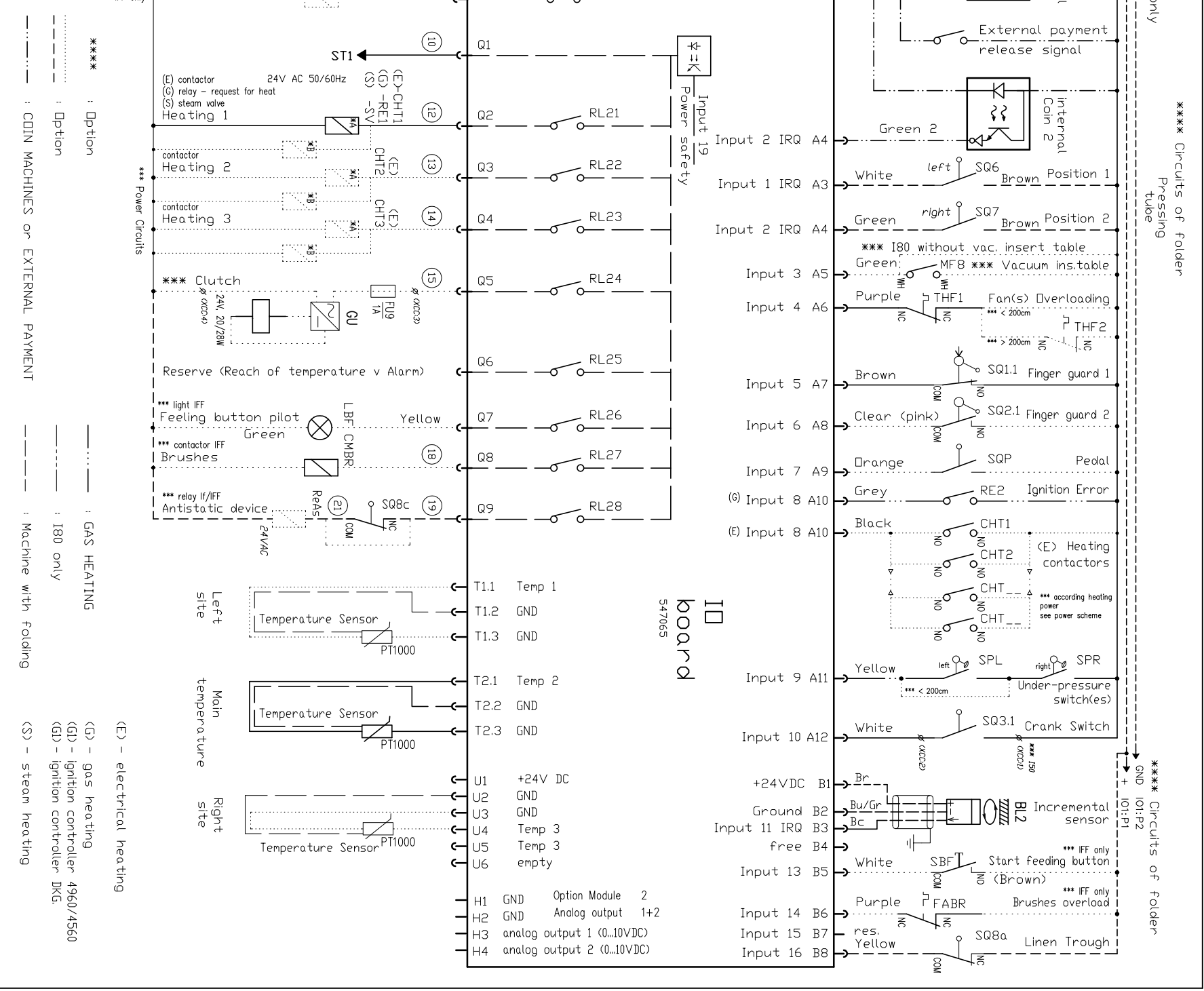


Machine types where used	Tolerance	Roughness	Scale:	Weight:
Ironers			Materials: Rough dimensions: Standard for rough materials:	
			Article description	

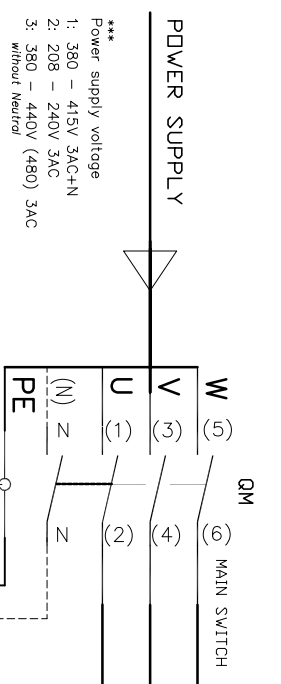
  

Stat	Modification	Date	Name	Replaces:
F	NF2 reset opt.	11Apr19	PSt	Main group
E	FI com.cable	10Aug16	PSt	Article number
D	FI2 - VLT	2Apr15	PSt	960
				528 462
				Page: 1
				Pages: 1

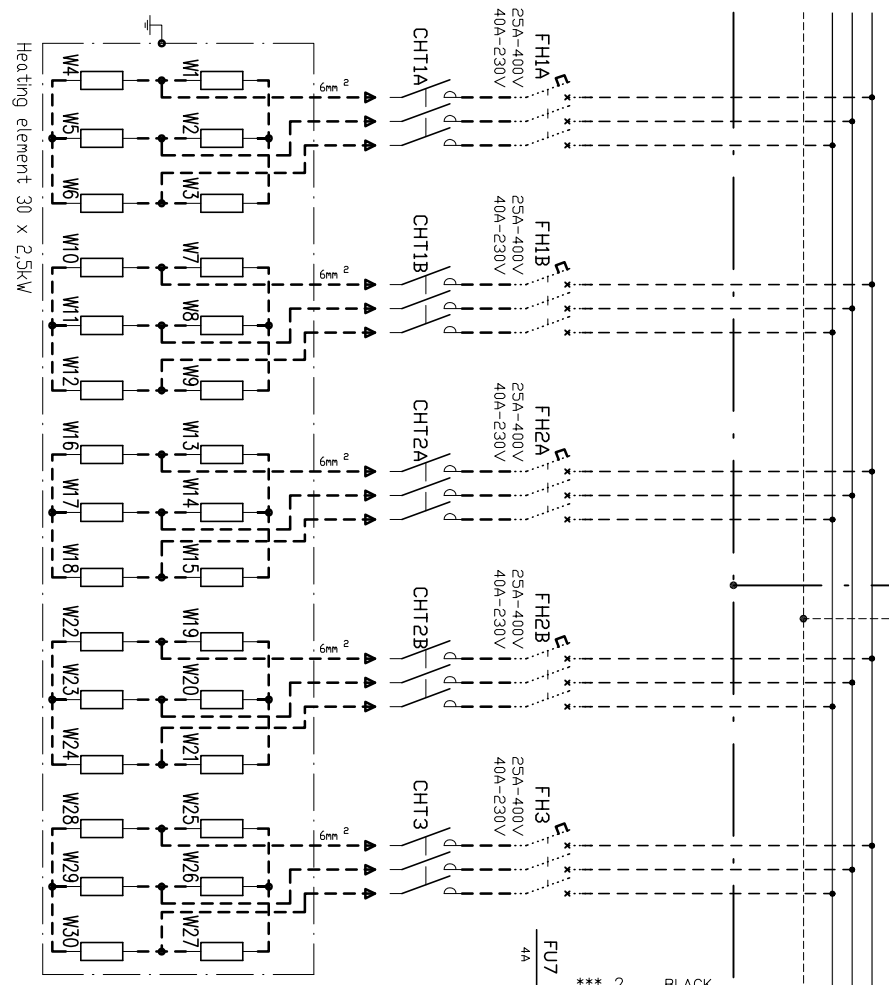


### SCHEMATIC DIAGRAM TIMER MCX

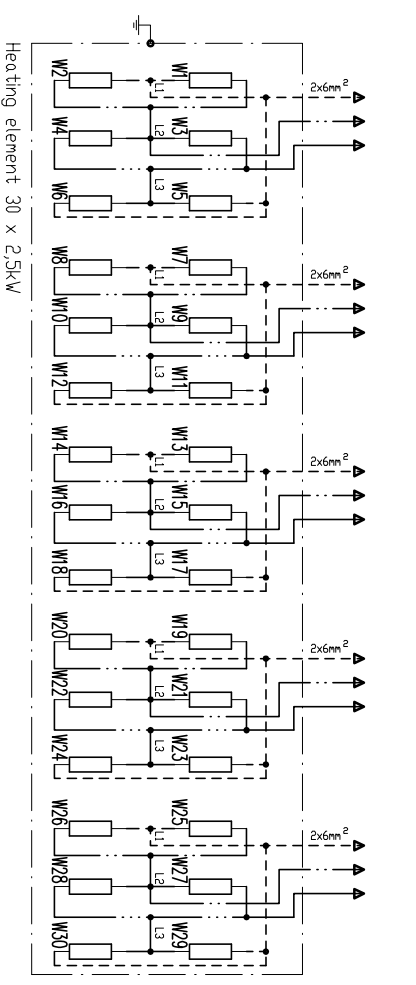
3+PE+N 380-415V/50-60Hz  
 3+PE (208)220-240V/50-60Hz  
 ( 3+PE 380-415V/50-60Hz )  
 ( 3+PE 440V 60Hz )



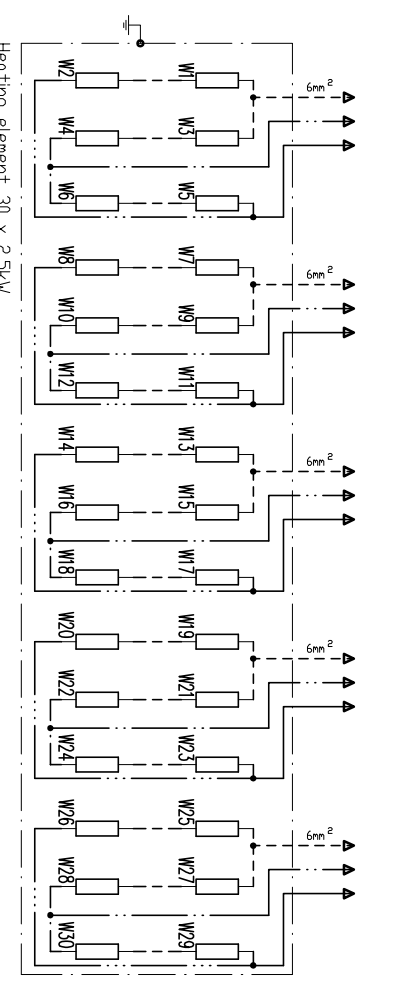
ELECTRICAL HEATING



\*\*\*\*\*  
 ELECTRICAL HEATING  
 380-415V

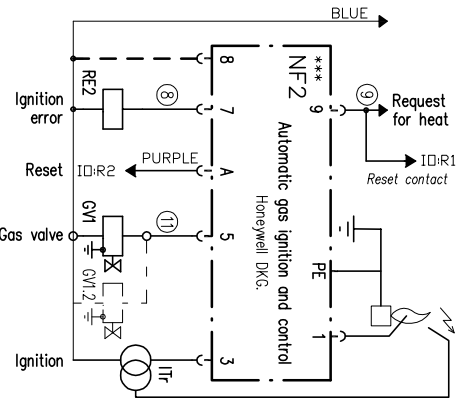
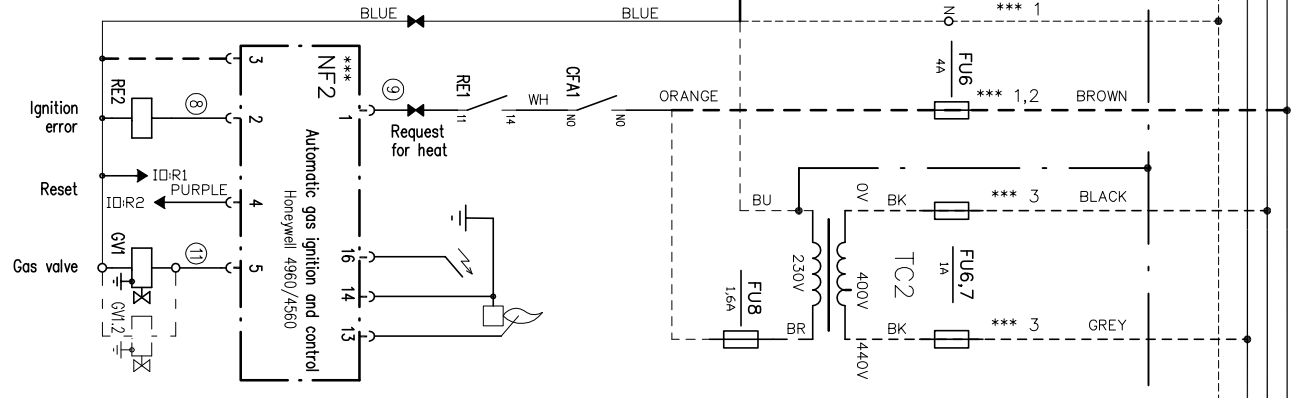


\*\*\*\*\*  
 ELECTRICAL HEATING  
 220-240V

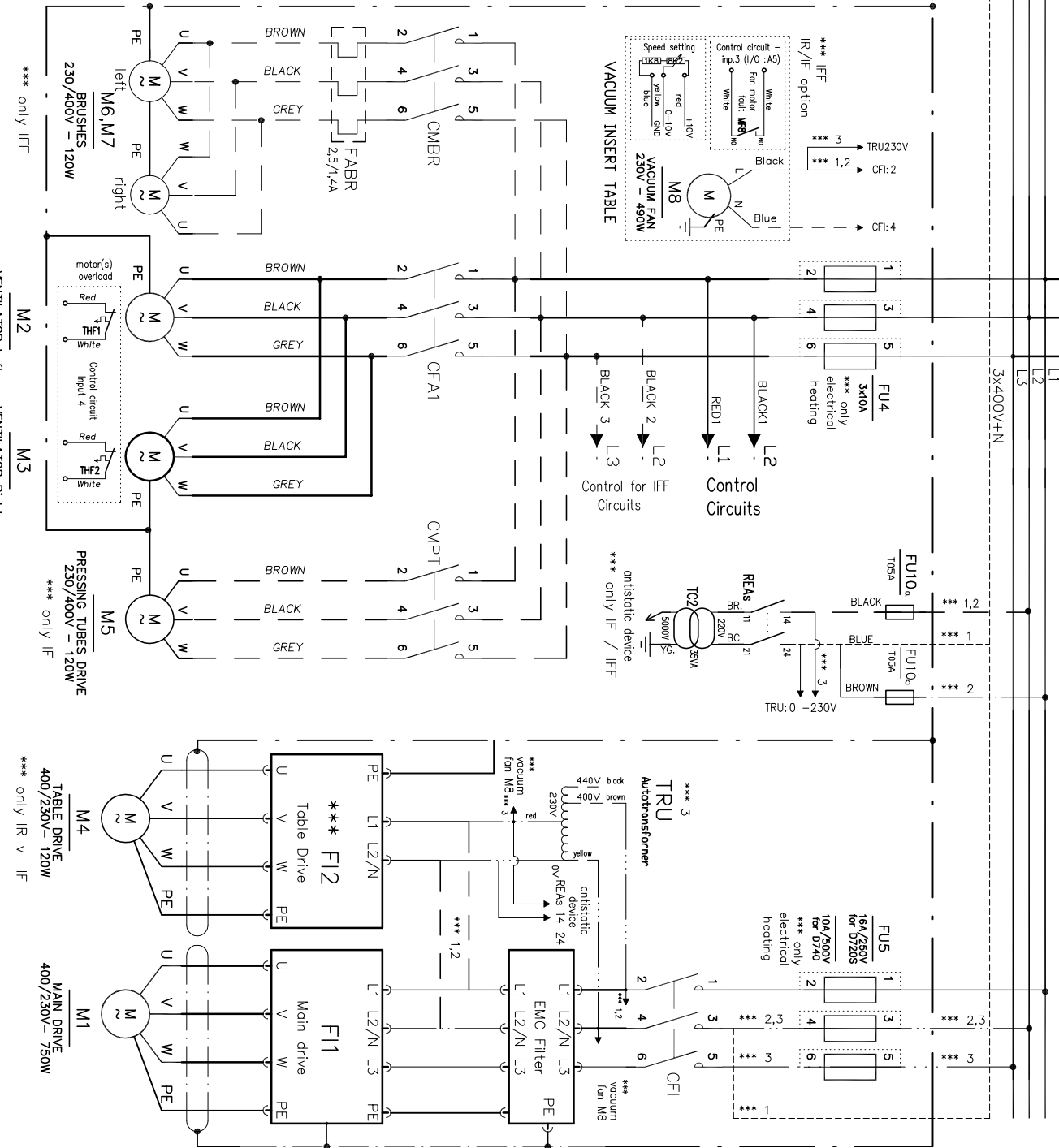


\*\*\*\*\*  
 ELECTRICAL HEATING  
 440-480V

GAS HEATING



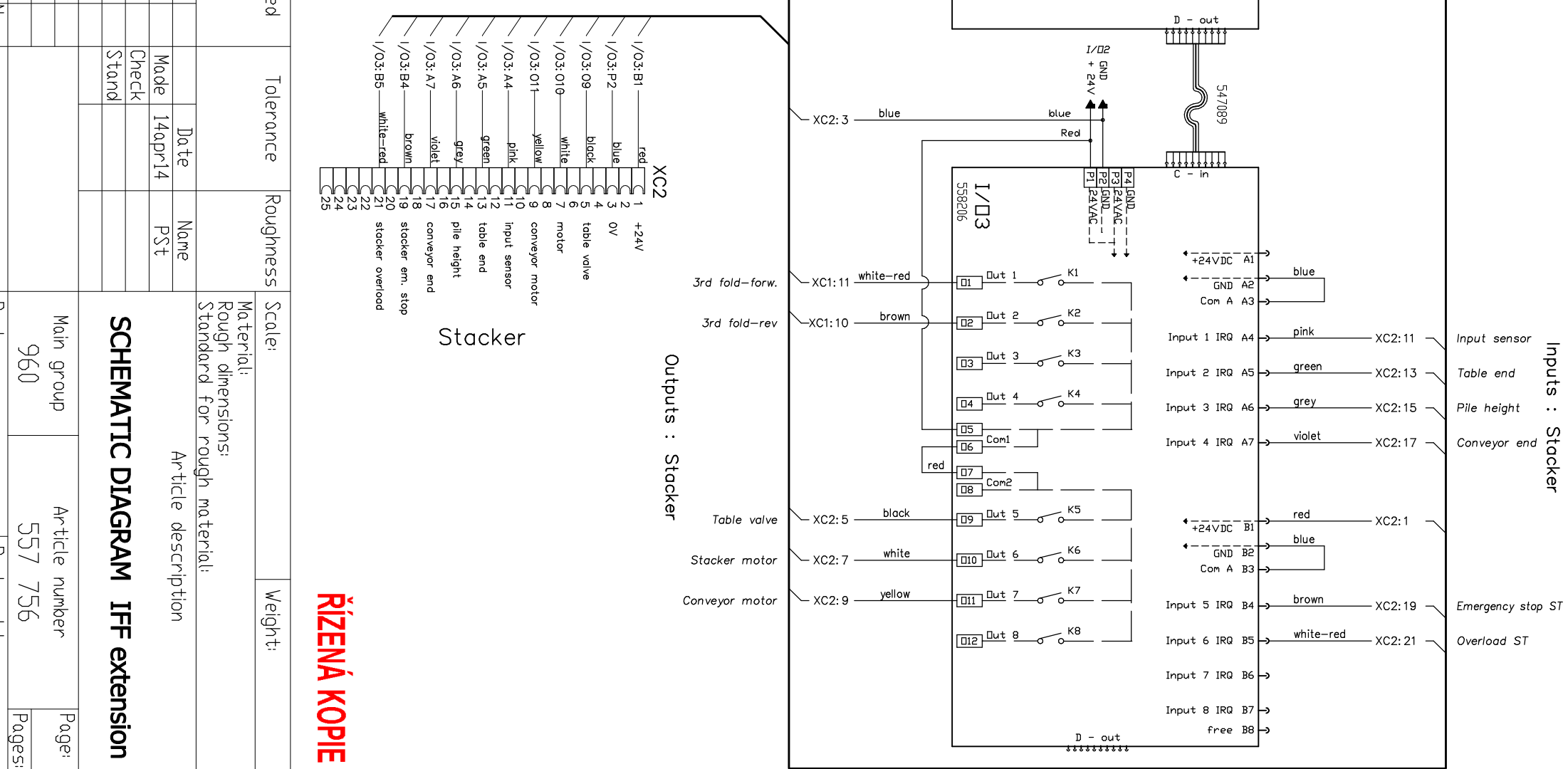
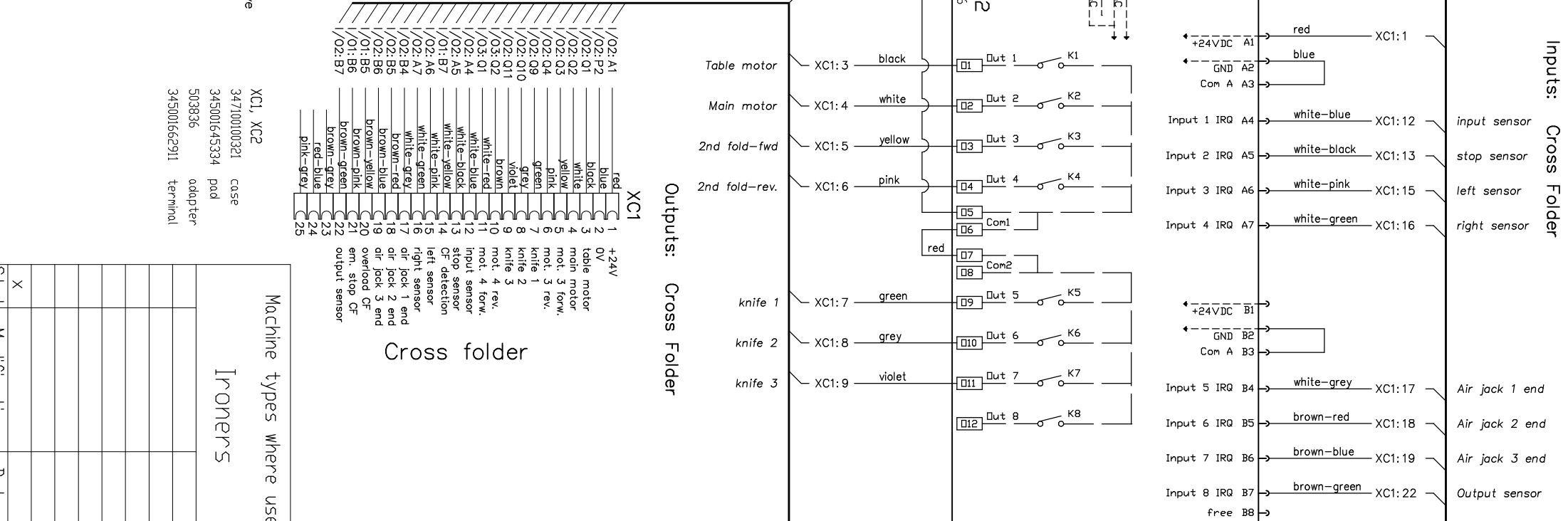
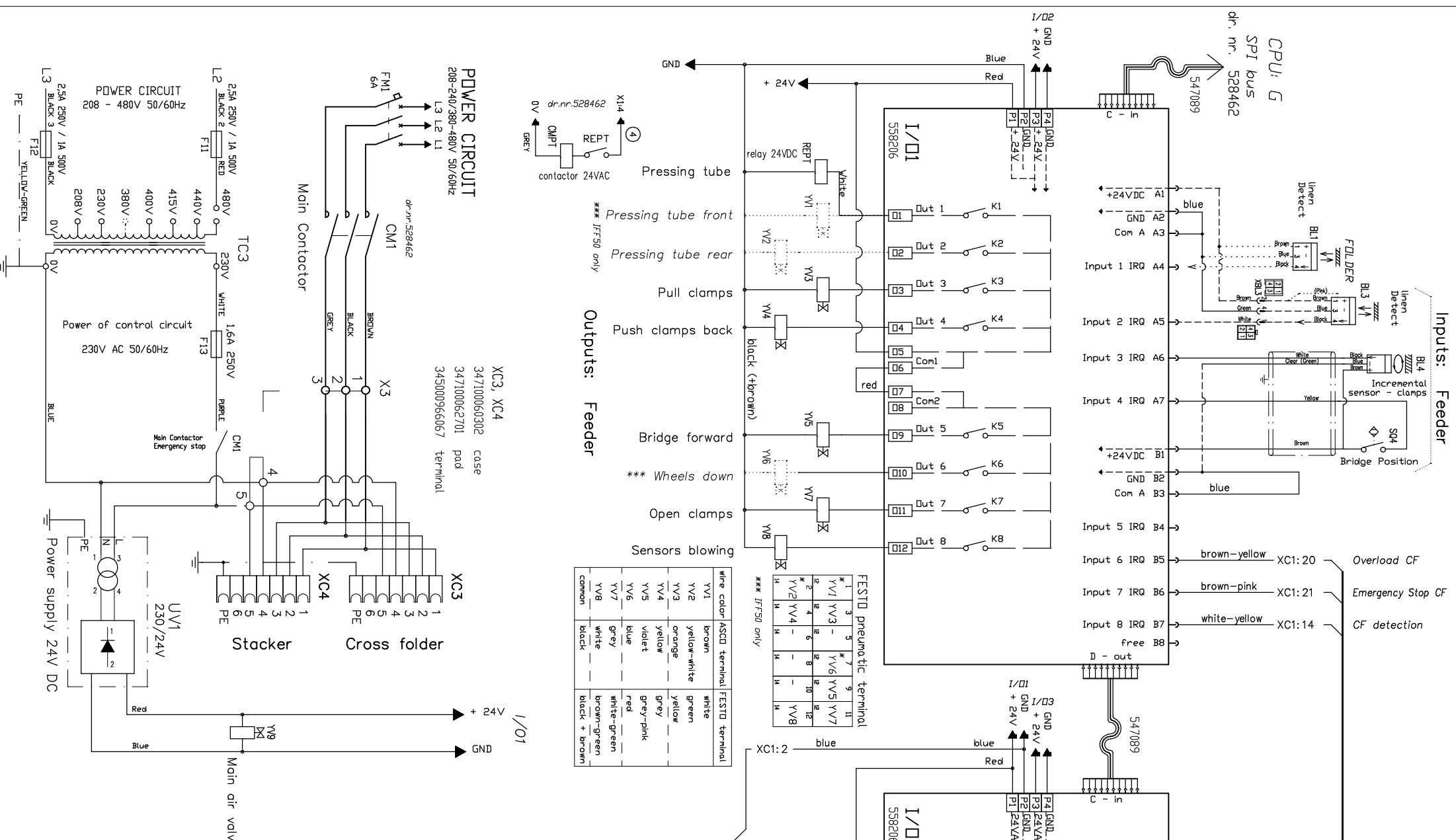
VENTILATORS



DRIVE(S)

**IR / IF**  
**GAS STEAM Heating**  
 TOTAL POWER 2 / 2,5kW / power supply: 2,5kVA  
 380-415V 3AC 50/60Hz, 440V 3AC 60Hz (10,5 / 13 Amps)  
 ( Protection: 16 Amps, electricity main C2,5 )  
 208-240V 3AC 50/60Hz (13 / 15,5 Amps)  
 ( Protection: 16 Amps, electricity main C2,5 )  
**ELECTRICAL heating 75kW**  
 TOTAL POWER 77 / 77,5kW / power supply: 77,5kVA  
 380-415V 3AC 50/60Hz (119 / 121 Amps)  
 ( Protection: 125 Amps, electricity main C35 )  
 440V 3AC 60Hz (109 / 111 Amps)  
 ( Protection: 125 Amps, electricity main C35 )  
 208-240V 3AC 50/60Hz (119 / 203 Amps)  
 ( Protection: 250 Amps, electricity main C120 )

Machine types where used	Tolerance	Roughness	Scale:	Weight:
Ironers (800mm)				
Material: Rough dimensions: Standard for rough material:				
Article description				
<b>SCHEMATIC DIAGRAM TIMER MCX</b>				
<b>POWER CIRCUITS</b>				
Stat	Modification	Date	Name	Replaces:
A	440V for IR/IF	26nov13	PSt	960
B	antisatadd	17jan14	PSt	528 463
C	IFF odd	16sep14	PSt	
D	vacuum table	16sep14	PSt	
E	NF2 option	11.4.19	PSt	
Date: 1Jan2012				
Name: PSt				
Date: 1Jan2012				
Name: PSt				
Date: 1Jan2012				
Name: PSt				



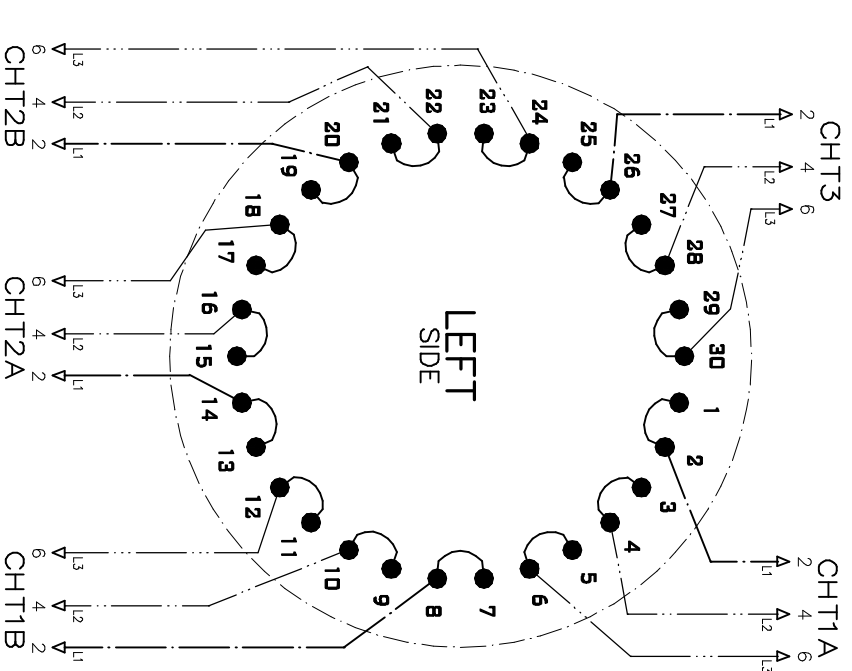
Machine types where used	Tolerance	Roughness	Scale:	Weight:
Ironers	Date 14apr14	Name PSt	Material: Rough dimensions: Standard for rough material:	Article description

**SCHEMATIC DIAGRAM IFF extension**

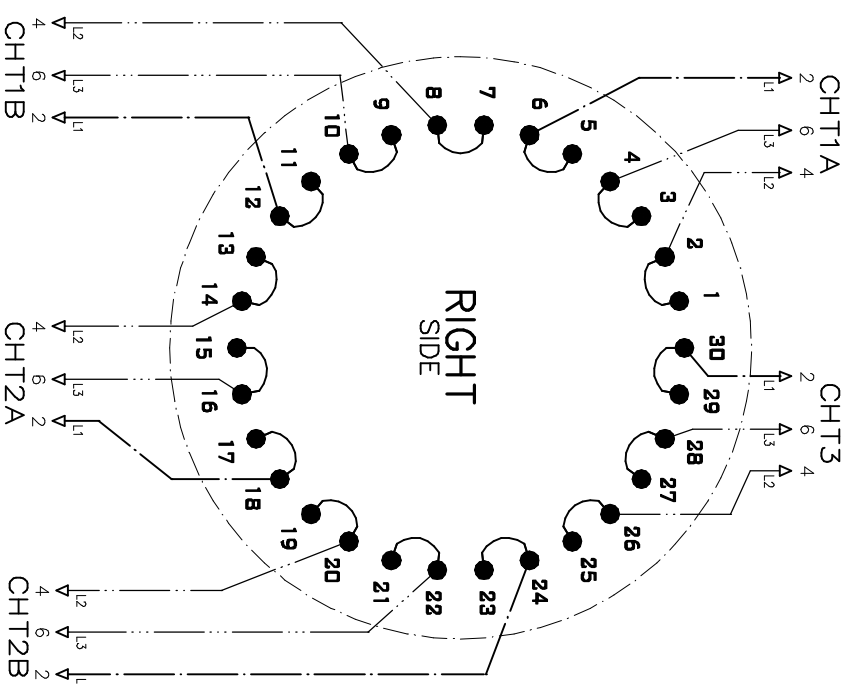
Main group	Article number	Page: 1
960	557 756	
Replaces:	Replaced by:	Pages: 1

**ŘÍZENÁ KOPIE**

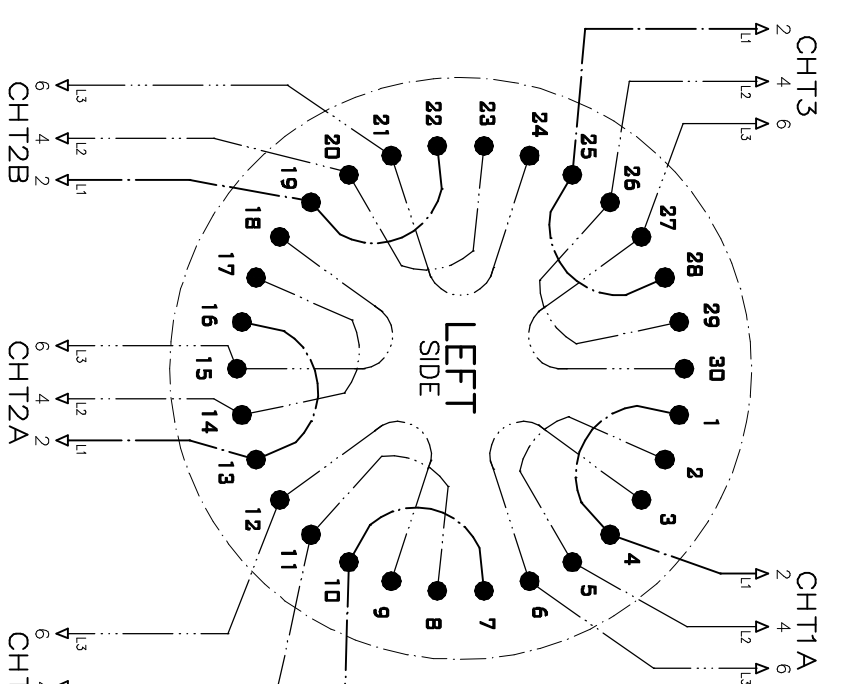
POWER Supply VOLTAGE  
208 — 240V



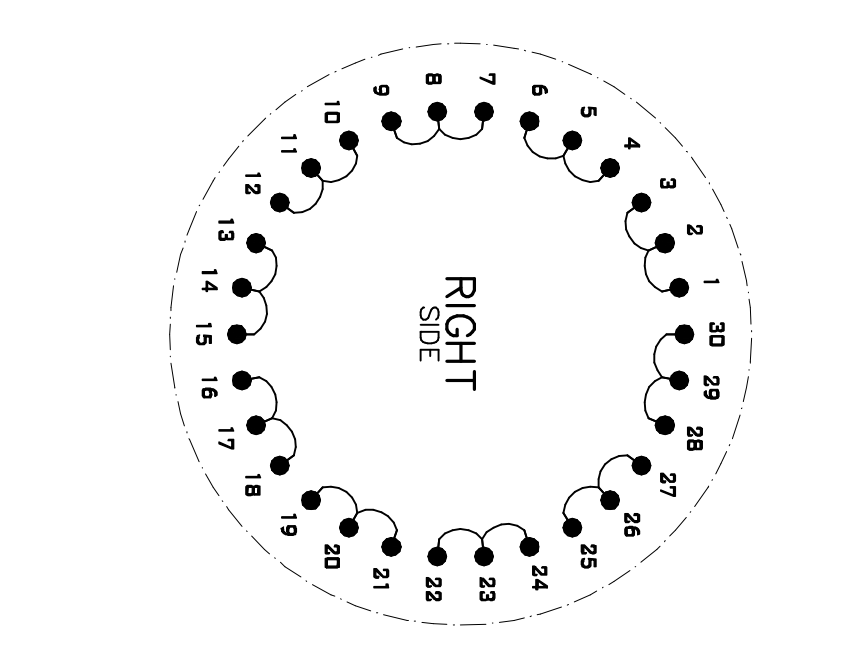
Supply wires section: 6mm2  
Interconnection wires section: 4mm2



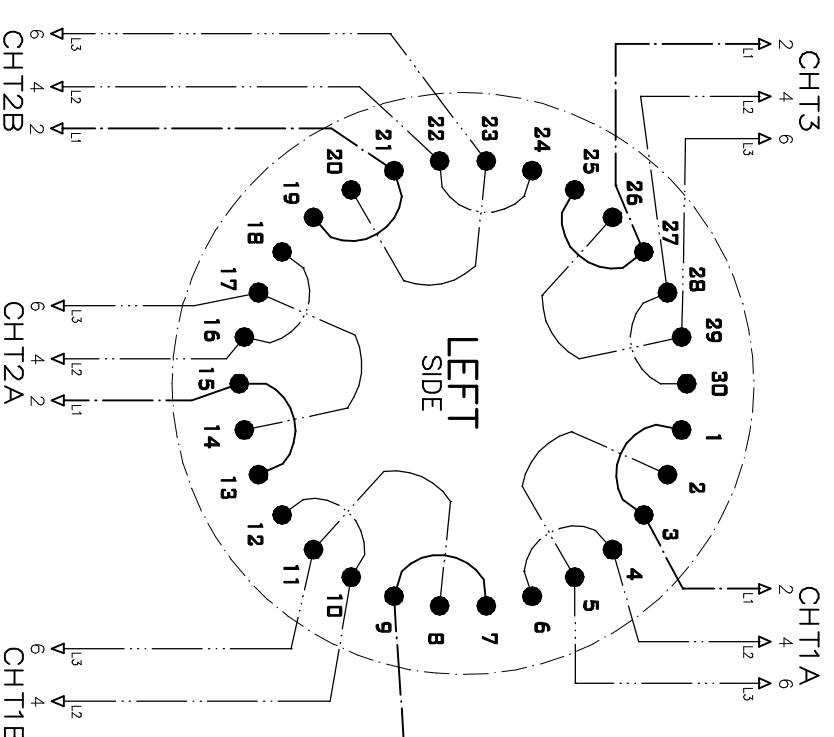
POWER Supply VOLTAGE  
380 — 415V



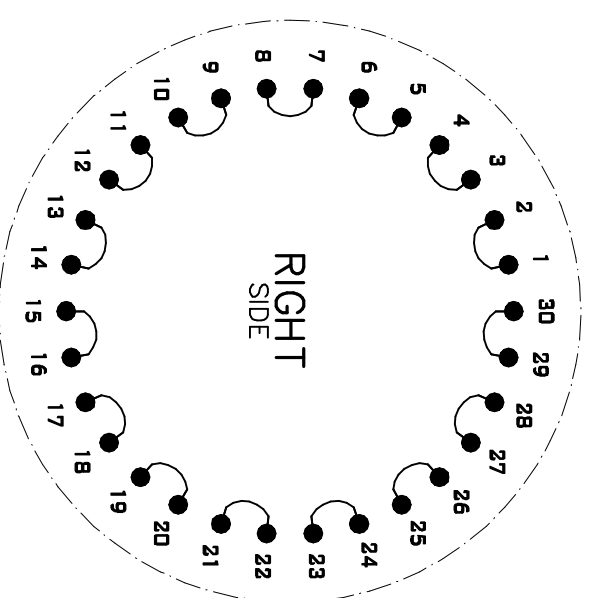
Supply wires section: 6mm2  
Interconnection wires section: 4mm2



POWER Supply VOLTAGE  
440 — 480V



Supply wires section: 6mm2  
Interconnection wires section: 4mm2



INTERCONNECTION 4-140 — code nr. 545222  
INTERCONNECTION 4-210 — code nr. 545223

Pos.	Name	Article number	Note
	Machine types where used		
	180		
		Tolerance	Ra
		Date	Name
		Author	17feb12
		Approv.	PSt
		Relegs.	
		<small>Reproduction and distribution only with permission of Primus Confidential information</small>	
		Scale:	Weight:
		Material:	
		Rough dimensions:	
		Standard for rough material:	
		Heating Elements connection	
		Replaces:	960
			528490
			Replaced by:
			Page: 1
			Pages: 1

Stat

Modification

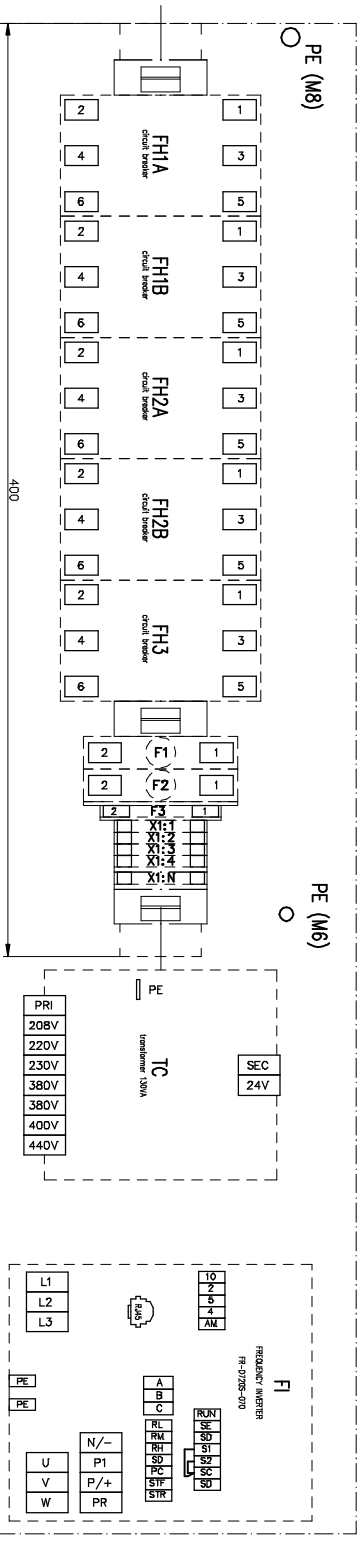
Date

Name

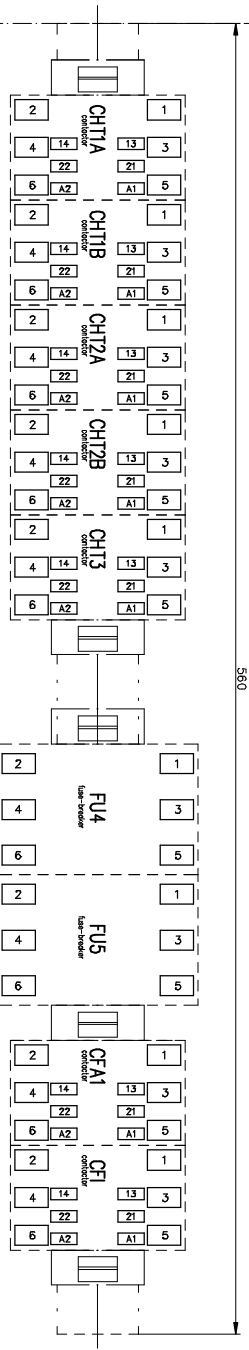
Replaces:

Replaced by:

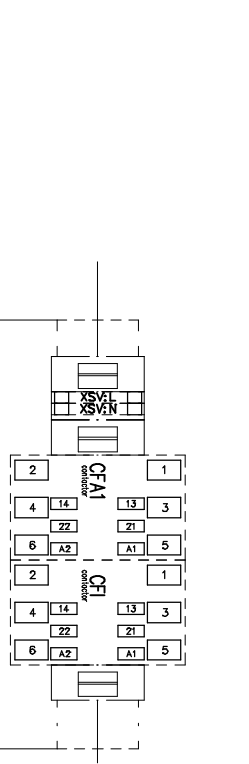
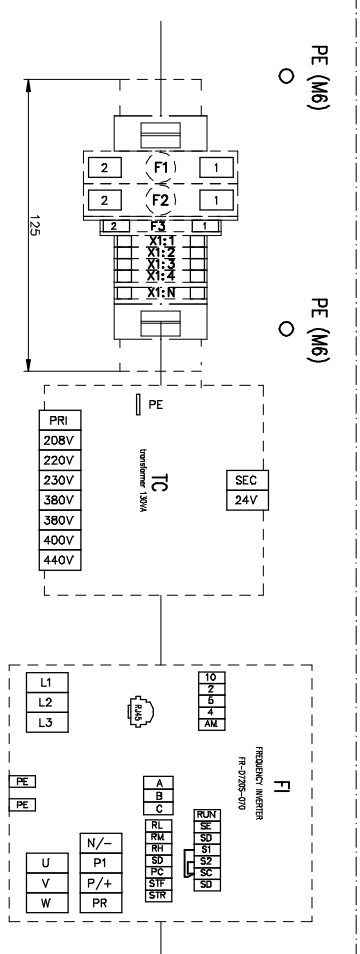
Page: 1



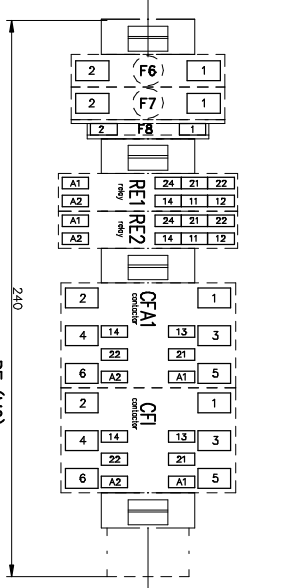
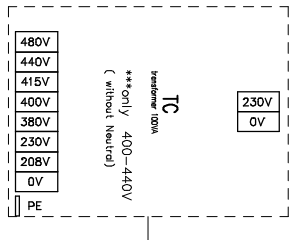
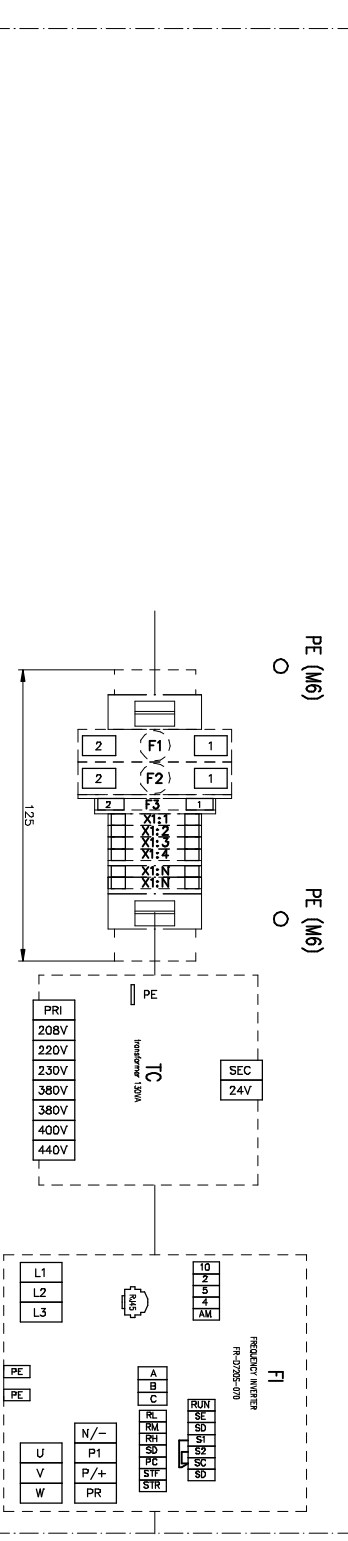
### 180 - Electrical Heating



### 180 - Steam Heating

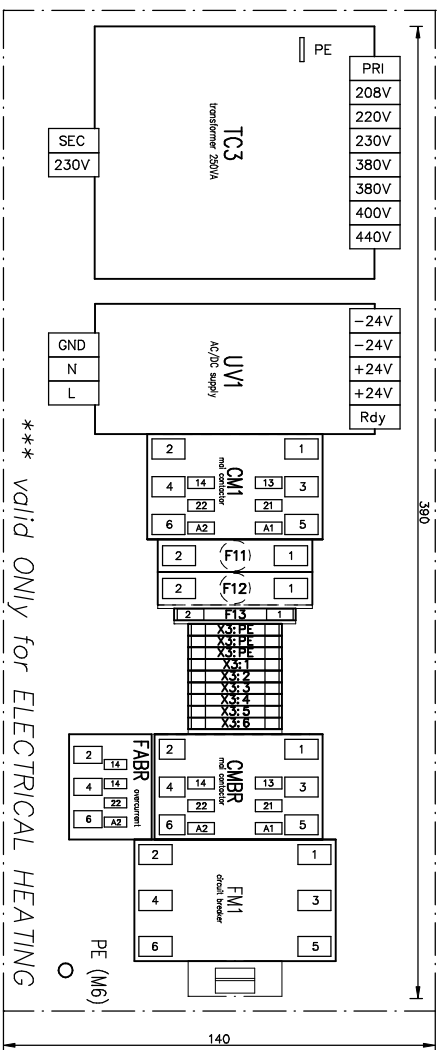


### 180 - Gas Heating

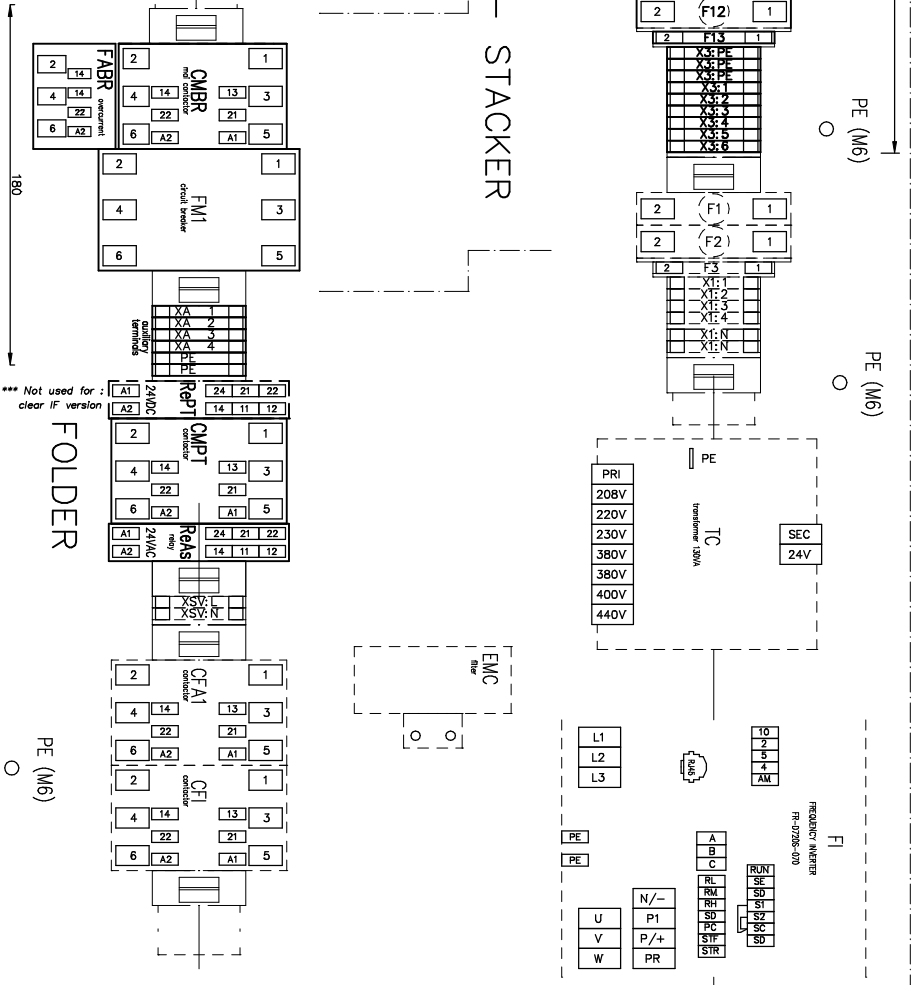


Pos. Name	Machine types where used	Tolerance	Ra	Scale:	Note
	180			Material: Rough dimensions: Standard for rough material:	
Author	20 16012	Date			
Approv.	FST				
Releas.					
				180 electrical box	
Page:	1				
Pages:	1				
528 491					
Replaced by:					

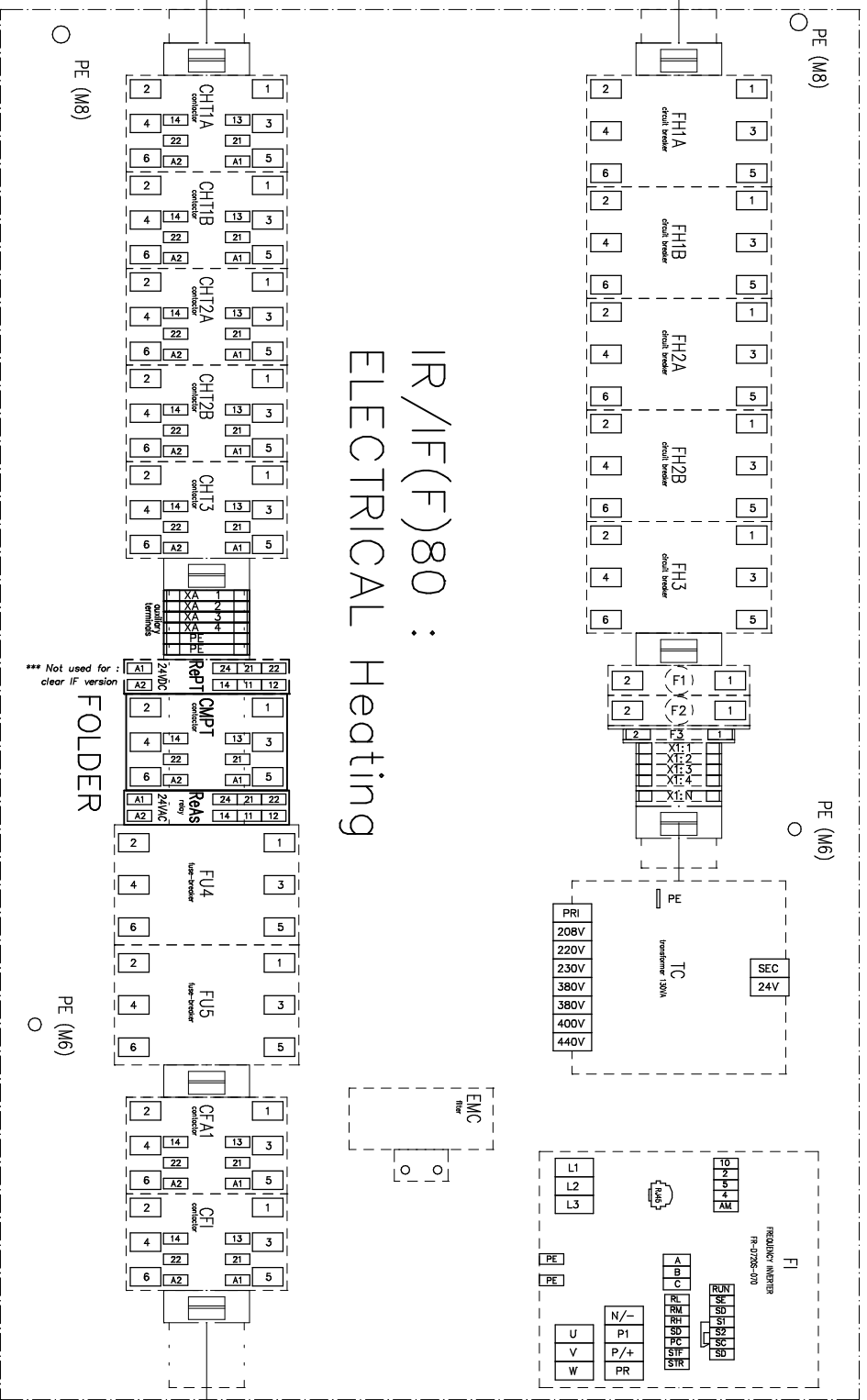
### EXTENSION ELECTRICAL BOX 2



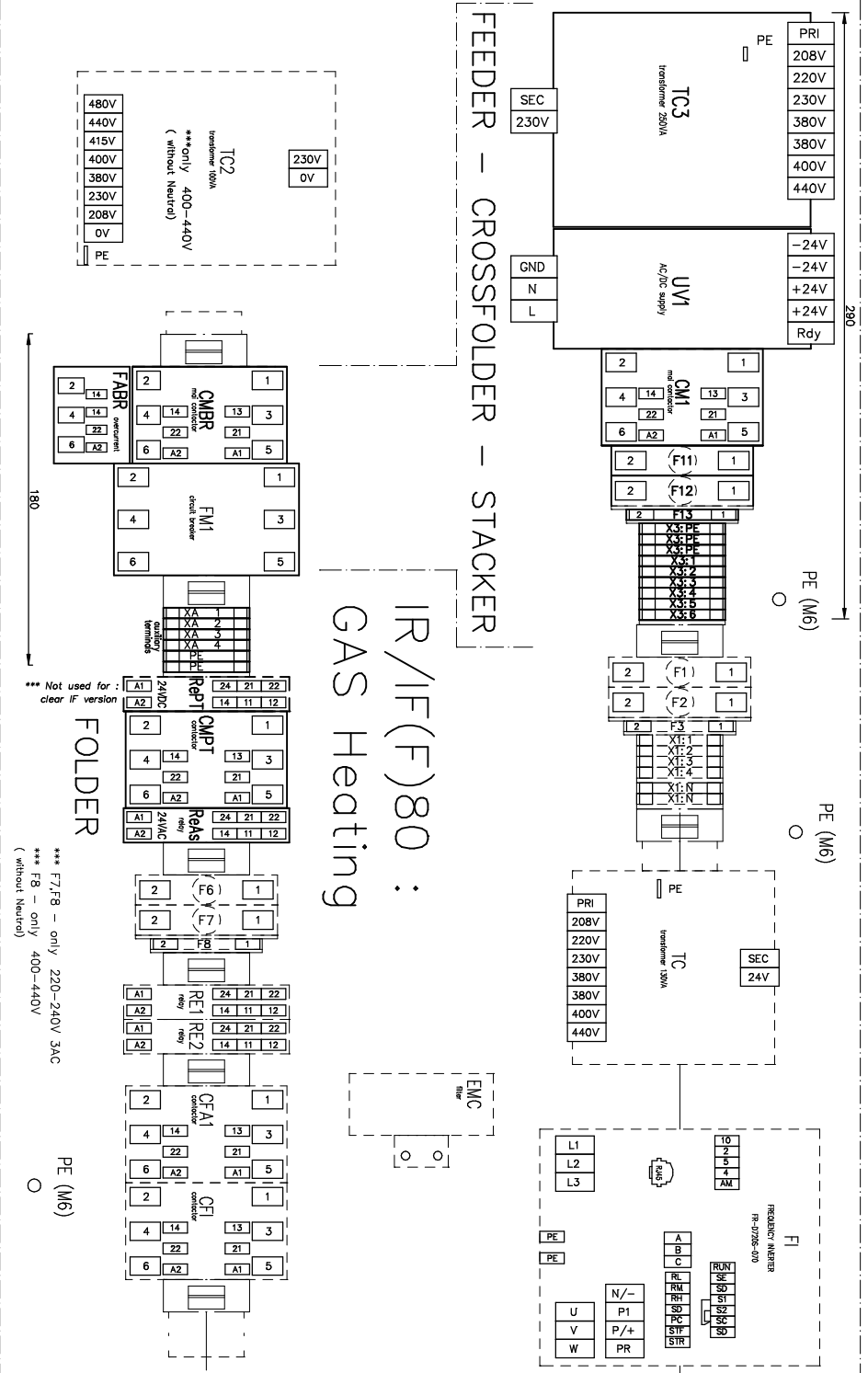
### IR/IF(F)80 : STEAM Heating



### IR/IF(F)80 : ELECTRICAL Heating

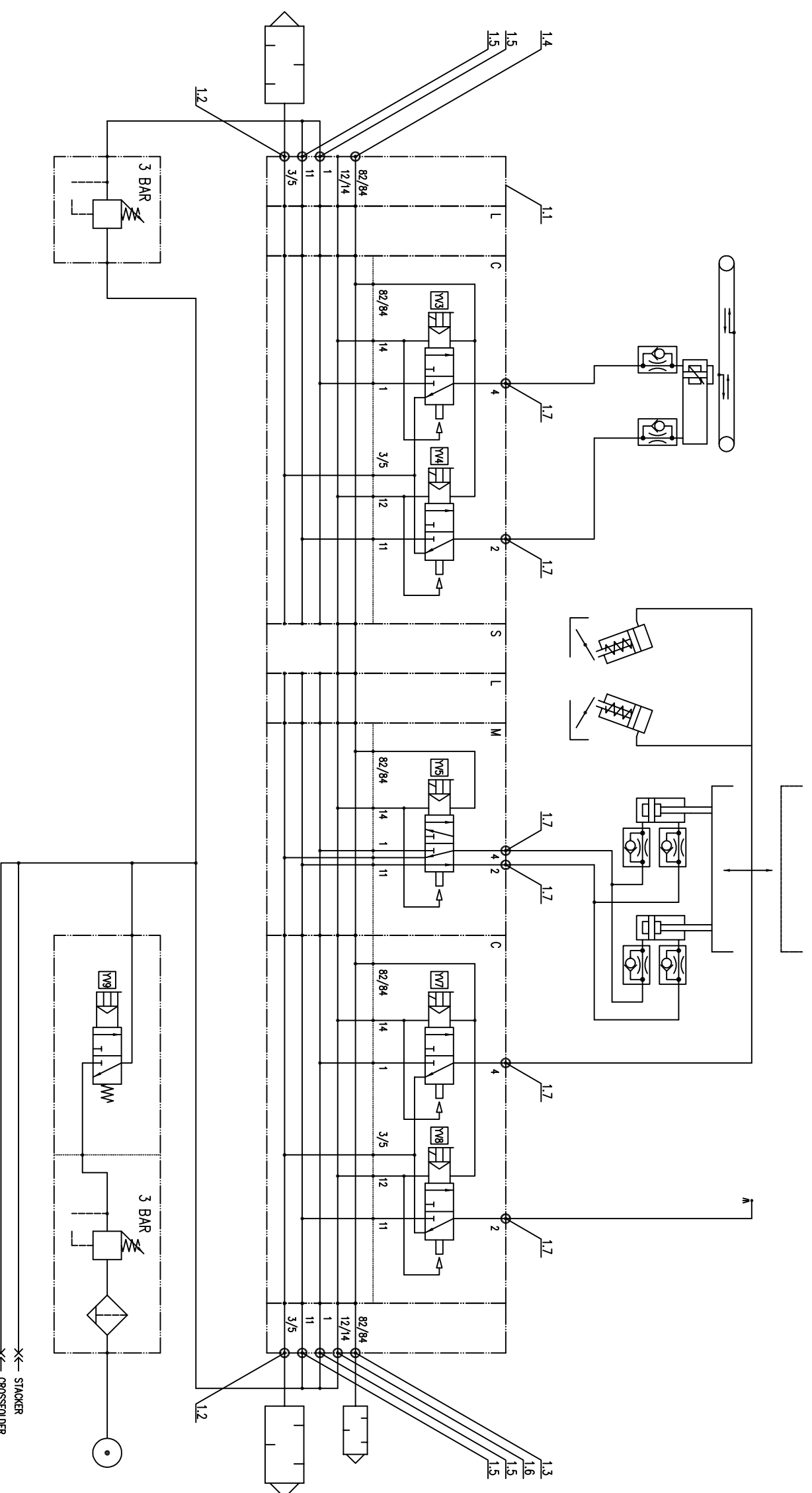


### IR/IF(F)80 : GAS Heating

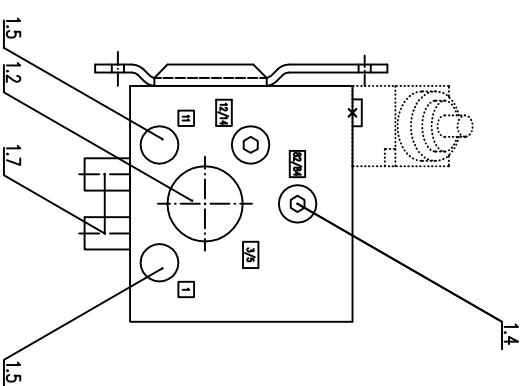
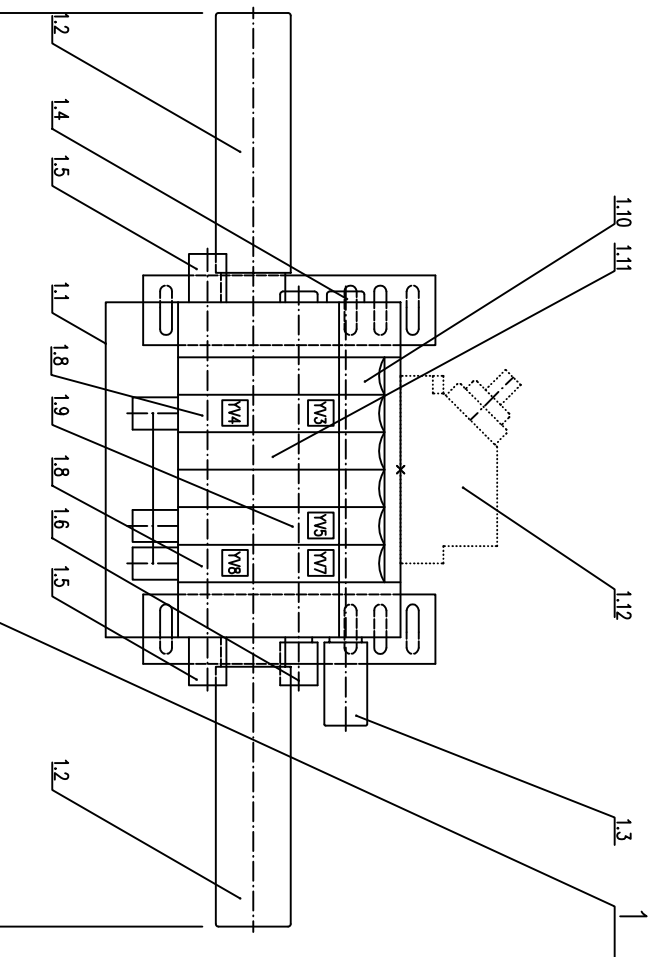


Pos. Name	Article number	Ro	Scale:	Note
Machine types where used				
IFF80			Material: Standard for rough material.	
Date	Name	Proj.	Author	Date
29jan15	PSI		Author	29jan15
Releases	Approv.		Approv.	
Reproduction and distribution of this document is strictly confidential information.				
Replaced by:				
Page: 1				
557 934				
Pages: 1				

Pos. Name	Article number	Ro	Scale:	Note
Machine types where used				
IFF80			Material: Standard for rough material.	
Date	Name	Proj.	Author	Date
29jan15	PSI		Author	29jan15
Releases	Approv.		Approv.	
Reproduction and distribution of this document is strictly confidential information.				
Replaced by:				
Page: 1				
557 934				
Pages: 1				

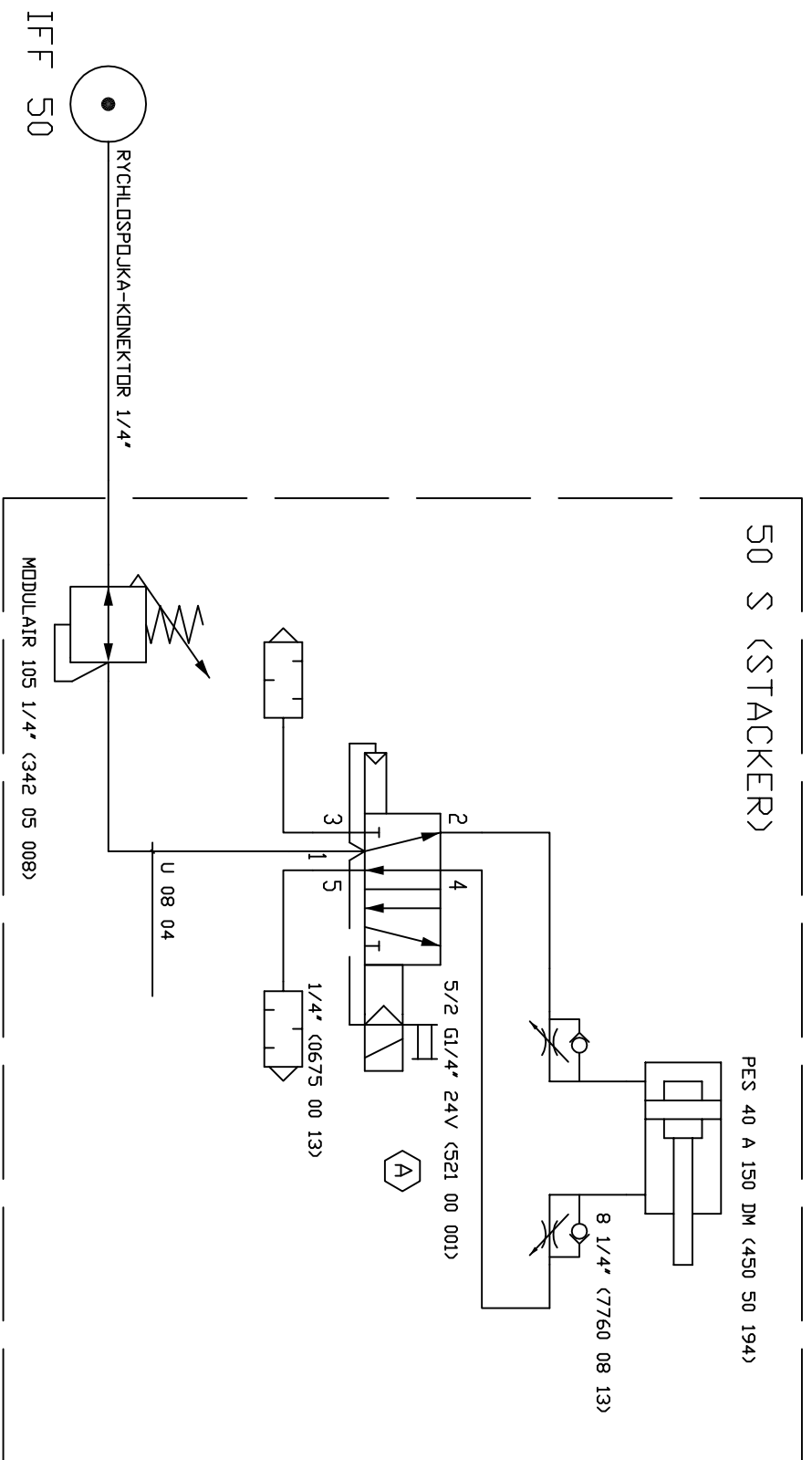


poz. č.	kód dílu	ks
1	558366	-
1.1	558372	1
1.2	519876	2
1.3	519877	1
1.4	519878	1
1.5	519879	4
1.6	519913	1
1.7	519881	6
1.8	516966	2
1.9	516965	1
1.10	558373	2
1.11	558374	1
1.12	558374	1



Pozn.:

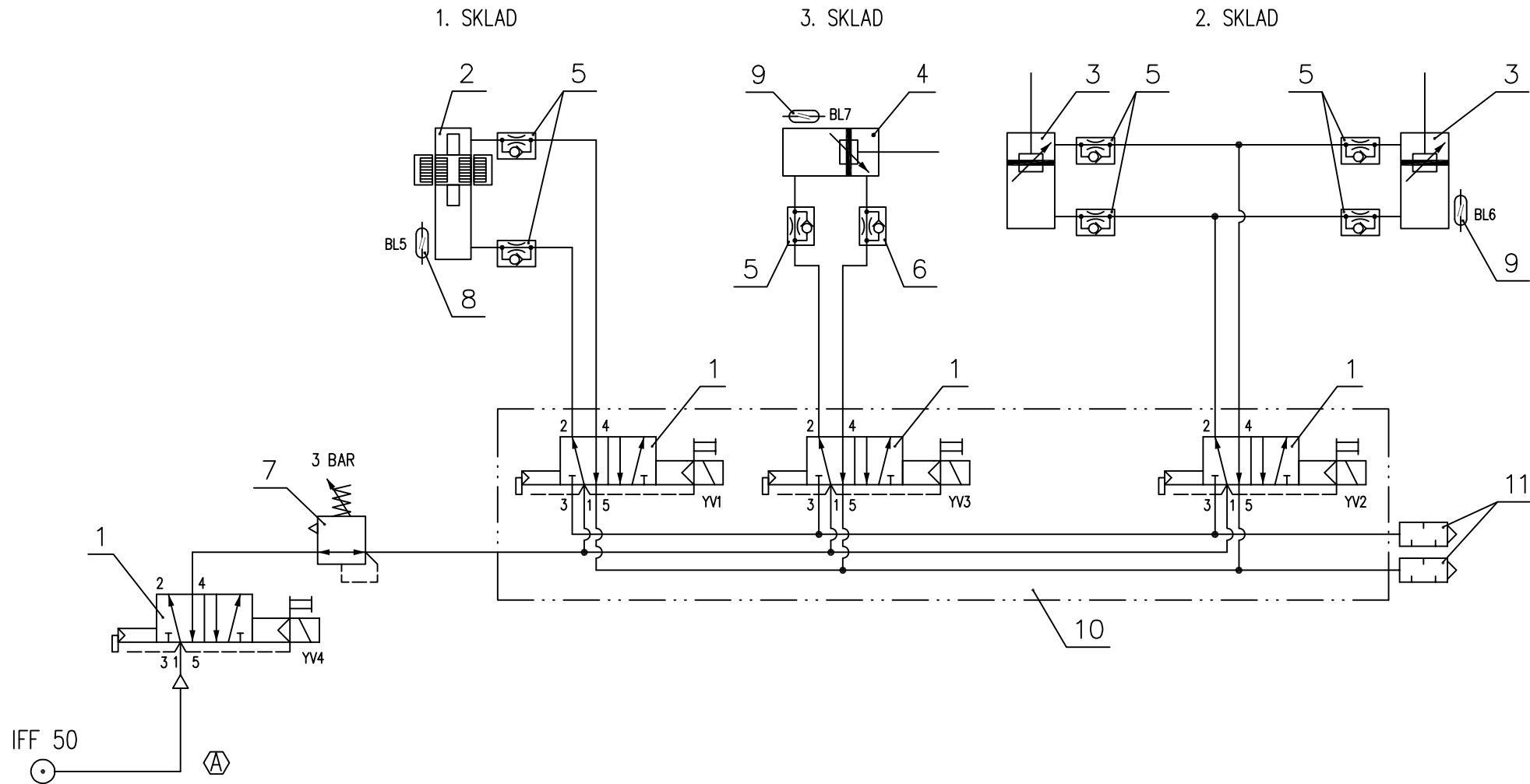
Použito ve strojích			Tolerance		Ra		Měřítko		Hmotnost	
180 FE			-		-		1:2		-	
			Datum		Jméno		Měřítka		Rozměry	
			23.11.15		M.K.		Norma		-	
			Autor		Kontř.		PNEUMATIC DIAGRAM 180FE			
					Uvolnil		PNEUMATICKÉ SCHEMA 180FE			
							primus		559437	
							Reprodukcce a distribuce		Str.: 1	
							Přemysl Dvořák		Stran: 1	
							Index		Náprava: 1	
							Změna		Náprava: 1	
							Datum		Náprava: 1	
							Pod Proj		Náprava: 1	



Machine types where used		Tolerance	Roughness	Scale:	Weight:
50 S (STACKER)		ISD 2768-1	3.2	Material: Rough dimensions: Standard for rough material:	
		Date	Name	PNEUMATIC SCHEME	
		Made	ZEMAN R.		
		Check			
		Stand			
Stand	Modification	Date	Name	Replaces:	Replaced by:
A	220V TD 24V =	02/02	RZ	963	500 572
				Page: 1	Pages: 1



**ŘÍZENÁ KOPIE**



Použito ve strojích 50-250C, 50-320C				Tolerance	Ra	Měřítka: -	Hmotnost:	
						Materiál:		
						Rozměr:		
						Norma:		
				Datum	Jméno	PNEUMATICKÉ SCHÉMA PŘÍČNÝ SKLÁDAČ		
				Autor	9.7.99			P.S.
				Kontr.				
				Uvolnil				
				<b>Primus</b>		963	506 250	Str.: 1
A	ZM.PRIPOJ. 50S	29.11.02	RZ			1002		Stran: 1
Index	Změna	Datum	Pod.	Proj.	Nahrazuje:		Nahrazeno kým:	

**ŘÍZENÁ KOPIE**

nr. of wire	interconnection	terminal	length	mm <sup>2</sup>	type	note
<i>označení</i>	<i>propojení</i>	<i>kontakt</i>	<i>délka</i>	<i>mm<sup>2</sup></i>	<i>typ</i>	<i>pozn.</i>

**Vacuum insert table (fan)**

Dr.nr.  
528462 / 528463

Podtlakový stůl (ventilátor)

Cable 3x0,75	CFI:2/4, PE	M8 (terminal WECO)	V	D <sup>**</sup>	6000	0,75	CYSY	
Cable 2x0,5	IO:A5 / +24V	MF8 (terminal WECO)	Q- / -	D <sup>*</sup>	6000	0,5	MK (shielded)	
Wires outlet at the CFI (main wiring)				Vodiče vyvedeny v hlavním svazku u CFI				
Connect M8 speed setting : potentiometer + resistor – see scheme <b>528463</b>				Zapoj nastavení otáček ventilátoru M8 potenciometr + odpor – viz. schéma <b>528463</b>				

**Insert table**

Dr.nr. v.č.  
528462 / 528463 /  
557756 / 557794

Podávací stůl

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• According drawing <b>557934</b> install: TC3, UV1, CM1 ,F11,12,13, X3, CMBR, FABR, FM1,( REPT for IF execution)</li> <li>• Install extension I/O board I/O1 (if is not used for IF execution)</li> <li>• On the machine install: SBF+LBF, B13, BL4, SQ4</li> </ul> | <ul style="list-style-type: none"> <li>• Podle výkresu <b>557934</b> instaluj: TC3, UV1,CM1 ,F11,12,13, X3, CMBR, FABR, FM1 ,(REPT pro verzi IF)</li> <li>• Instaluj rozšiřující I/O desku /O1 (pokud již není instalovaná u stroje IF))</li> <li>• Na stroj instaluj: SBF+LBF, B13, BL4, SQ4</li> </ul> |
|---|--|

**Electrical box connection:**

**Zapojení rozvaděče**

BLACK(černý)	CFA1:1,3,5	CMBR:1,3,5	DI1,5	DI1,5	800	1,5	3 x H07-V-K	(CYA)
BLACK(černý)	L1,L2,L3 (QM v FU4 v FH3)	FM1	DI1,5	DI1,5	1100	1,5	3 x H07-V-K	(CYA)
	FM1	CM1:L1,2,3	DI1,5	DI1,5	400	1,5	3 x H07-V-K	(CYA)
BROWN(hnědý)	CM1	X3:1	V	-	250	0,75	H07-V-K	(CYA)
BLACK(černý)	CM2	X3:2	V	-	250	0,75	H07-V-K	(CYA)
GREY(šedý)	CM3	X3:3	V	-	250	0,75	H07-V-K	(CYA)
Black 2 (černý)	CM1:L2	F11:1	DI1,5	DI1,5	180	1,5	H07-V-K	(CYA)
Black 3 (černý)	CM1:L3	F12:1	DI1,5	DI1,5	180	1,5	H07-V-K	(CYA)
Red (rudý)	F11:2	TC3:xxxV	<u>V</u>	<u>V</u>	500	0,75	H07-V-K	(CYA)
Black (černý)	F12:2	TC3:p.0V	<u>V</u>	<u>V</u>	500	0,75	H07-V-K	(CYA)
White (bílý)	TC:230V	F13:1	<u>V</u>	<u>V</u>	500	0,75	H07-V-K	(CYA)
Purple (fialový)	F13:2	CM1:NO	<u>V</u>	<u>V</u>	250	0,75	H07-V-K	(CYA)
	CM1:NO	UV1:L	<u>V</u>	<u>VD</u>	300	0,75	H07-V-K	(CYA)
X3:5	-		-	400	0,75	H07-V-K	(CYA)	
Blue (modrý)	TC3:s.0V	UV1:N	<u>V</u>	<u>VD</u>	400	0,75	H07-V-K	(CYA)
	X3:4		-	-	400	0,75	H07-V-K	(CYA)
Yellow green (žlutozelený)	PE:box	X3:PE	O3C	-	600	0,75	H07-V-K	(CYA)
	TC:PE		D*		650	0,75	H07-V-K	(CYA)
	PE:box1	TC3:sV		V	250	0,75	H07-V-K	(CYA)
	PE:box2		O3C	O3C	400	1,5	H07-V-K	El.H.

**Only IF execution**

**Jen IF provedení)**

Machine types where used			Tolerance		Ra	Scale:	Weight:
<b>180</b>						Material : wires HAR / CYA	
			Date		Name	Rough dimensions: :	
			author 13oct14		STEPAN	Standard for rough material:	
			Approv.			<b>CONNECTION zapojení</b> Vacuum insert-feeder-cross folder-stacker Podtlakový stůl-vkládač-příčný skládač-stohovač	
			Releas				
						<b>314</b>	<b>557 935</b>
						Page: 1	
						Pages: 5	
Stat	Modification	Date				Replaces:	Replaced by:



Brushes motor Motory kartáčů	FABR:2,4,6	M6:U.V.W	<u>V</u>	4 x O2	3000	0,75	JB 5x0,75	
	FABR:2,4,6	M7:W.V.V	<u>V</u>	4 x O2	6800	0,75	JB 5x0,75	
Main air valve Hlavní vzduch ventil	UV1 (+/-) X3:PE	YV9	<u>3 x V</u>	<u>3 x V</u>	5300	0,75	CYSY 3x0,75	
Feeding Button				Tlačítko vkládání				
white (bílý)	I/O: B5	SBF:NO	Q	DI0,34	9800	TRONIC CY.LIY-CY 4 x 0,34		
brown (hnědý)	I/O: D2	SBF:NO	DI0,34	DI0,34				
yellow (žlutý)	I/O:Q7	LBF:1	DI0,34	DI0,34				
green (zelený)	link (spoj)	LBF:2	xS+	DI0,34				
Grey (šedý)		CMBR:A2	<u>V</u>	2000	0,75	H07-V-K		
<b>Linen detect + Extended cable</b>				<b>BL3</b>		Detekce prádla + Prodlužování kabel		
brown (hnědý)	XBL:2	I/O1:A1	X1	Q	800	4x0,34	CY-LIY-CY	
<i>For IFF connect in to A1 also BL1 brown line</i>				<i>Do A1 zapoj také BL1 hnědý vodič pro verzi IF</i>				
green (zelený)	XBL:4	I/O1:A3	X1	Q	(800)	4x0,34	CY-LIY-CY	
blue (modrý)	I/O1:A2		Q		30	0,34	HAR (AWG22/7)	
<i>For IFF connect in to A2 also BL1 blue line</i>				<i>Do A2 zapoj také BL1 modrý vodič pro verzi IF</i>				
white (bílý)	XBL:1	I/O1:A5	X1	Q	(800)	4x0,34	CY-LIY-CY	
yellow (žlutý)	-	-	-	-	(800)	4x0,34	CY-LIY-CY	
BL3	+ brown (+pink)	XBL:2	-	X2	Part of sensor Součást snímače			
	- blue	XBL:4	-	X2				
	Out - black	XBL:1	-	X2				
<b>Cable of inputs on the right leg (SQ4 &amp; BL4)</b>				<b>Kabel vstupů v pravé noze (SQ4 , BL4)</b>				
brown (hnědý)	I/O1:B1:	(SQ4 + BL4 <sup>+</sup> )	Q	xS+	6500	TRONIC CY.LIY-CY 4 x 0,34		
yellow (žlutý)	I/O1:A7	SQ4	Q	_S+				
white (bílý)	I/O1:A6	BL4 <sup>out</sup>	Q	_S+				
green (zelený)	I/O1:B2	BL4 <sup>-</sup>	Q	_S+				
blue (modrý)		B3	Q	30	0,34	HAR (AWG22/7)		
<b>PNEUMATICAL TERMINAL</b> Vzduchový rozvaděč		I/O1	-	5 x DI0,34	Cable is a part o fair terminal. Connect acording 557756 Kabel je součástí rozvaděče. Zapojení viz schéma 557756			

Machine types where used			Tolerance		Ra	Scale:	Weight:	
<b>180</b>						Material : wires <b>HAR / CYA</b>		
						Rought dimensions: :		
						Standard for rough material:		
			Date	Name	<b>CONNECTION zapojení</b> <b>Vacuum insert-feeder-cross folder-stacker</b> Podtlakový stůl-vkládač-příčný skládač-stohovač			
			author	13oct14				STEPAN
			Approv.					
			Releas					
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<b>Cross folder controll</b> Conneters XC1 + XC3: right leg installation				Dr.nr.. 557756		Řízení příčné skladače Konektory XC1 a XC3 instalovat do pravé nohy			
red (rudý)	I/O1:P3	I/O2:P1	DI0,34	V	250	0,34	HAR (AWG22/7)		
	I/O2:O5		DI0,34		450	0,34	HAR (AWG22/7)		
	I/O2:O6	I/O2:O7	DI0,34	DI0,34	60	0,34	HAR (AWG22/7)		
blue (modrý)	I/O1:P4	I/O2:P2	DI0,34	DI0,34	250	0,34	HAR (AWG22/7)		
	I/O2:A2	I/O2:A3	Q-	Q-	30	0,34	HAR (AWG22/7)		
	I/O2:B2	I/O2:B3	Q-	Q-	30	0,34	HAR (AWG22/7)		
<b>XC1</b> connector cable kabel konektoru	I/O1+I/O2	XC1	7 x DI0,34 12x Q-	25 x CANF	7500	RG-LI25x0.14			
<b>XC3</b> connector cable kabel konektoru	X3	XC3	6 x V	6 x V	5500	CMFM 7Cx0,5			
connection acording scheme 557756						Zapojení viz schéma 557756			

<b>Stacker controll</b> Conneters XC2 + XC4: left leg installation				Dr.nr.. 557756		Řízení stohovače Konektory XC2 a XC4 instalovat do levé nohy			
red (rudý)	I/O:P3	I/O3:P1	DI0,34	V	250	0,34	HAR (AWG22/7)		
	I/O3:O5		DI0,34		450	0,34	HAR (AWG22/7)		
	I/O3:O6	I/O3:O7	DI0,34	DI0,34	60	0,34	HAR (AWG22/7)		
blue (modrý)	I/O2:P4	I/O3:P2	DI0,34	DI0,34	250	0,34	HAR (AWG22/7)		
	I/O3:A2	I/O3:A3	Q-	Q-	30	0,34	HAR (AWG22/7)		
	I/O3:B2	I/O3:B3	Q-	Q-	30	0,34	HAR (AWG22/7)		
<b>XC2</b> connector cable kabel konektoru	I/O3	XC2	5 x DI0,34 7x Q-	11 x CANF	3700	RG-LI25x0.14			
<b>XC4</b> connector cable kabel konektoru	X3	XC4	6 x V	6 x V	1700	CMFM 7Cx0,5			
connection acording scheme 557756						Zapojení viz schéma 557756			
Nr.1 - xx	Wire : colour and printing of number - (Vodiče: barva + číselný potisk) WH=White=bílý								

Machine types where used <b>180</b>			Tolerance		Ra	Scale:	Weight:		
						Material : wires HAR / CYA			
						Rought dimensions: :			
						Standard for rough material:			
			Date	Name	<b>CONNECTION zapojení</b> Vacuum insert-feeder-cross folder-stacker Podtlakový stůl-vkládač-příčný skládač-stohovač				
			author	13oct14					STEPAN
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<b>Terminals:</b>			
<b>sign</b>	<b>TYPE</b>	<b>title</b>	<b>Primus Code</b>
D <sup>***</sup> (* )	AMP 6-160432-2	Faston 6,3 (0,5 – 1,5)	34500160432
	AMP 0-926 539-6	Ins. cover 6,3	345000926539
D <sup>*</sup> (* )	AMP140760-2	Faston 6,3 (0,3 – 0,8)	-
	AMP 0-926 539-6	Ins. cover 6,3	345000926539
-D <sup>*</sup>	AMP 180 388-2 SES Bx6	Faston 6,3 boční (0,5 – 1,5) Krytka 6,3 isolační rohová	345000180388 50 802
D <sub>1</sub> <sup>*</sup>	AMP 9-160 481-1	faston 4,8 (0,3 – 1,5)	345000160481
	PVC	Ins. cover 4,8	
D <sup>*</sup> (* )	AMP 2-0160-256-2	Faston 6,3 (1 – 2,5)	345000160256
	AMP 0-926 539-6	Ins. cover 6,3	34500 926539
Q	MOLEX 2478	Terminal MOLEX	PRI350040044
Q <sub>n</sub>	MOLEX 5194	Terminal MOLEX 08-70-1030	552382
Q <sub>1</sub>	MOLEX 4809	Terminal MOLEX	PRI350002018
O2	AMP 34 148	Ring tongue (0,5 – 1,5 / M4) <i>oko</i>	345000034148
O35	AMP 34 165403	Ring tongue (0,5 – 1 / M3,5) <i>oko</i>	-
O3	AMP 34 160	Ring tongue (1,5 – 2,5 / M4) <i>oko</i>	345000034160
O3C	AMP 34 150	Ring tongue (0,5 – 1,5 / M6) <i>oko</i>	345000034150
O3B	AMP 34 162-0	Ring tongues (1 – 2,5 / M6)	345000034162
O6	AMP 165 034-	Ring tongues (4-6 / M6)	3450016 034
X1	MOLEX 39-00-0039	Terminal Molex – female - AWG18-24	502393
X2+	MOLEX 39-00-0082	Terminal Molex – male- AWG16	514136
X2	MOLEX 39-00-0041	Terminal Molex – male - AWG18-24	510887
K <sub>4</sub>	AMP 165012	Spade (1 – 2,5 / M4) <i>vidlice</i>	502 442
V	AMP 925 552-1	Wire PIN (0,5-1) <i>kolík. koncovka</i>	345000925552
DI0,34	DI 0,34-6	Wire pin (0,34) <i>kolík. koncovka izol.</i>	557936
<u>V</u>	AMP 966 067-5	Wire pin (0,75) <i>kolík. koncovka izol.</i>	345000966067
DI1,5	DI1,5-10	Wire pin (1,5) <i>kolík. koncovka izol.</i>	552363
<u>VD</u>	AMP 966 144-2	Wire pin (2x0,75) <i>kolík. koncovka izol.</i>	34500 966144
<u>S</u> <sup>+</sup>	AMP321 026	Butt splice (0,1 – 0,4) <i>Lisovací spojka průchozí</i>	318000000669
xS <sup>+</sup>	AMP 34 070	Butt splice (0,5 – 1,5) <i>Lisovací spojka průchozí</i>	345000034070
S <sup>++</sup>	AMP 34 134	Butt splice (1,1 – 2,6) <i>Lisovací spojka průchozí</i>	516681
CANF	CAN 166 291-1	Canon female 166 291-1 ( <i>dutinka</i> )	345001662911

Machine types where used			Tolerance		Ra	Scale:	Weight:	
<b>180</b>						Material : wires <b>HAR / CYA</b>		
						Rough dimensions: :		
						Standard for rough material:		
			Date	Name	<b>CONNECTION <i>zapojení</i></b> Vacuum insert-feeder-cross folder-stacker Podtlakový stůl-vkládač-příčný skládač-stohovač			
			author	13oct14				STEPAN
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