

# SPECTRA X-XL

EN

Section 8 – Electrical diagrams



Order Number: 1H328 271

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Read the safety information chapter  
before working on the machines.

## Change log

Date	Changes	Author	No.	ID
2011-09-28	preparation	SPG		0

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The present instructions reflect the state of the technology as of the date of issue.

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## I. For your safety

### **DANGER**

#### **Risk of death by electrocution!**

Working on an open machine can lead to electrocution.

- ◆ Disconnect the machine from the power supply.
- ◆ Ensure that the machine cannot be accidentally turned on.
- ◆ Do not make any modifications to the machine that are not described in the documentation provided by FRANKE.

A damaged power supply cable may lead to electrocution.

- ◆ Never operate a machine that has been damaged or has a damaged power supply cable.
- ◆ If the power supply cable to this machine is damaged, it must be replaced by a special power cord.
- ◆ Ensure that the machine and power supply cable are not near any hot surfaces such as gas or electric stoves or ovens.
- ◆ Ensure that the power supply cable is not pinched and does not rub against sharp edges. The machine contains electrically conductive parts. Opening the machine can pose risk of death.
- ◆ Repairs should only be made using original replacement and accessory parts.

### **WARNING**

#### **Danger of injury and damage to the machine!**

Improperly making changes in the form of retrofits or repairs can lead to injury or failure of the machine.

- ◆ Exercise care when making repairs or retrofits and follow the instructions.
- ◆ Check modifications and retrofits and rectify if necessary.
- ◆ Do not make any modifications to the machine that are not described in the documentation provided by FRANKE.

### **CAUTION**

#### **Danger from working on an open machine!**

Reaching into the machine may result in abrasions or crushing injuries from interior components.

- ◆ Exercise care when making repairs or retrofits and follow the instructions.
- ◆ Do not reach into the machine while it is operating.
- ◆ Exercise care and caution when working in an open coffee machine.
- ◆ Only collect grounds in the grounds container or with a coffee grounds chute.

**NOTICE****Damage from using inappropriate tools!**

Using inappropriate tools may damage components of the machine and render it unusable.

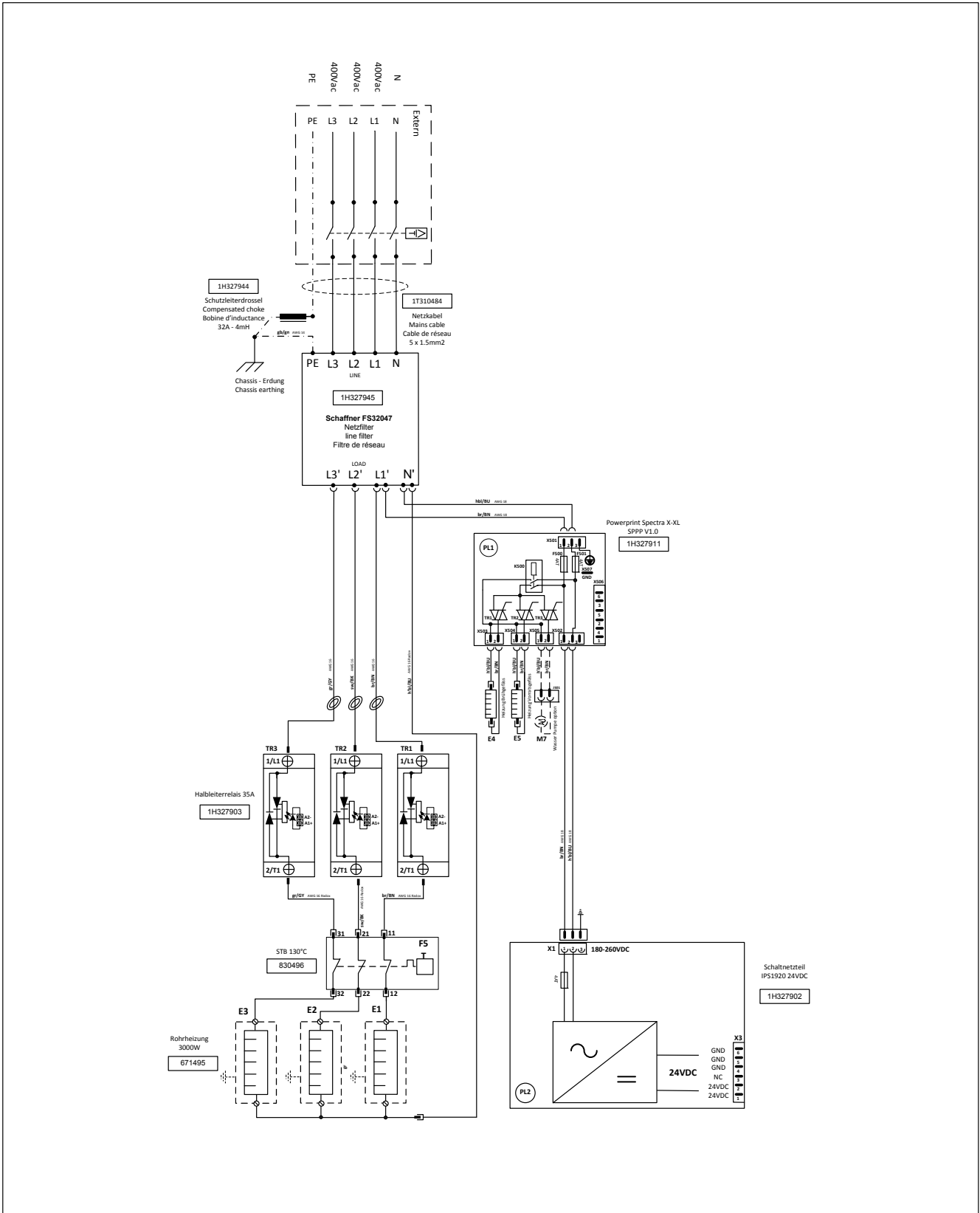
- ◆ Use the tools recommended by Franke.

**Damage from electrostatic charge!**

Static charges can damage the sensitive electronics.

- ◆ Discharge any static electricity from the machine components and yourself before beginning work.

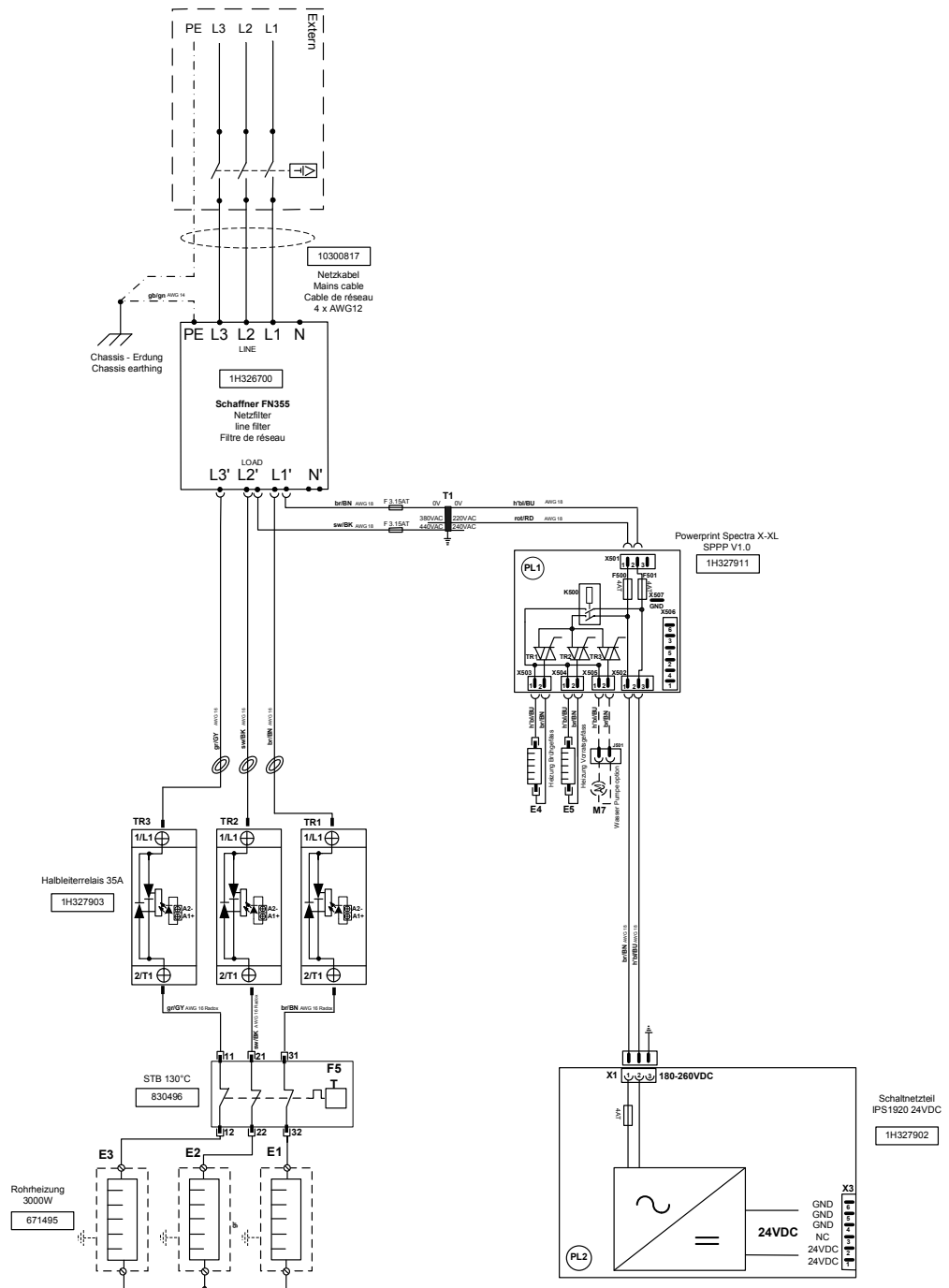
## II. Power input Spectra X-XL 400 V, 3L N PE, 16 A



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Letzte Änderung	01232	RSC	27.04.2012	Ersetzt durch	
400V, 3L N PE, 9260W, 50/60Hz, 16A				Masstab	Ersatz für
Netzeingang 400V, 3L N PE, 16A					Urspr-Zchg
Spectra X-XL				Gezeichnet	RMK 05.05.2011
				Geprüft	RSC 27.04.2012
Franke Kaffeemaschinen AG CH-4663 Aarburg/Switzerland Tel +41 62 787 31 31 Fax +41 62 787 30 42		NIRO-Plan AG a FRANKE Company		Franke Kitchen Systems Franke Foodservice Systems Franke Coffee Systems Franke Washroom and Sanitary Systems	
<b>A3- 473122 A</b>					

### III. Power input Spectra X-XL 440V, 3L NPE, 16 A



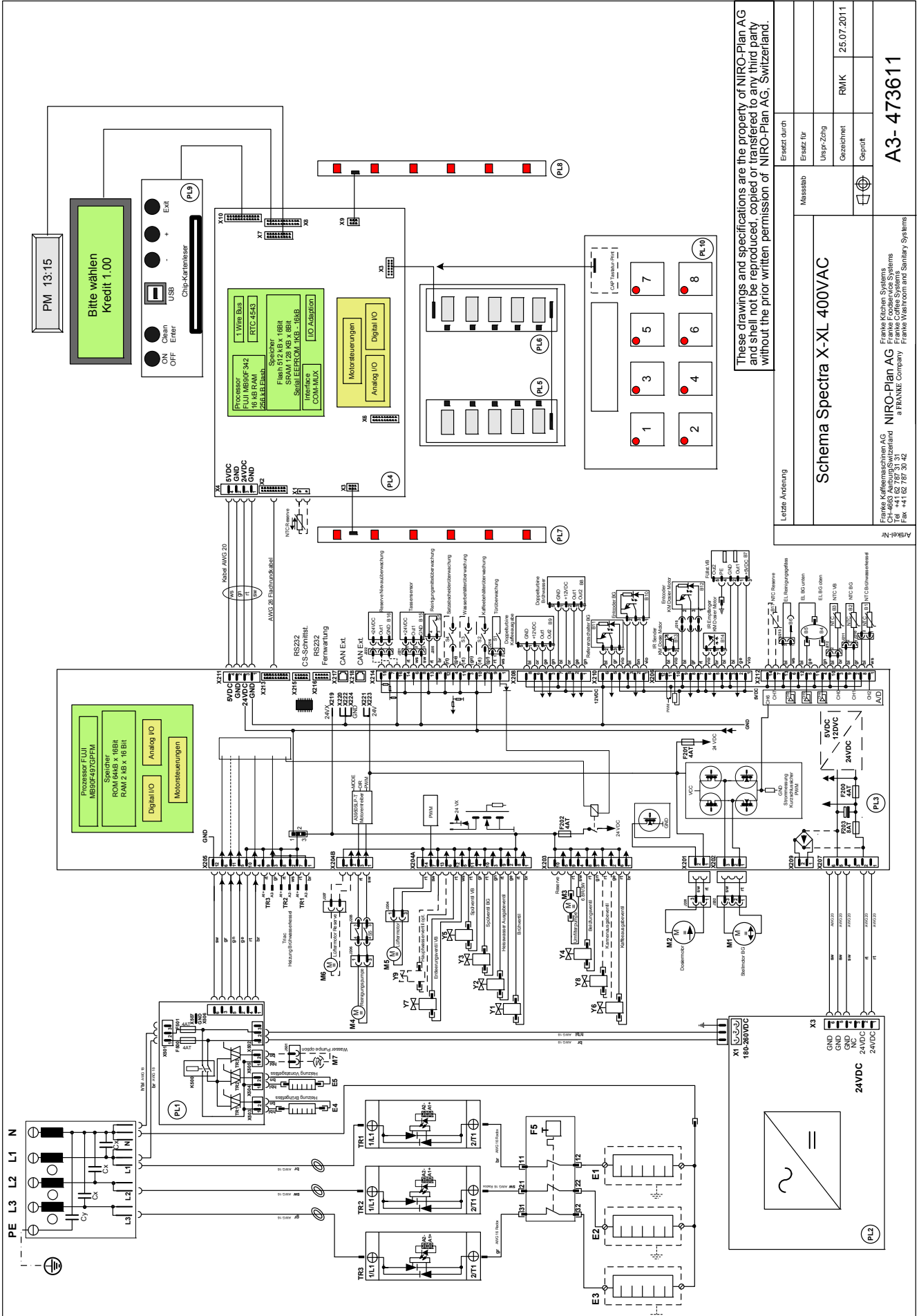
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Letzte Änderung		Ersetzt durch	
440V, 3L PE, 11000W, 50/60Hz, 16A		Ersatz für	
Netzeingang 440V, 3L PE, 16A		Urspr-Zchg	
Spectra X-XL		Gezeichnet	RMK 05.05.2011
AUFTRAG NR		Geprüft	
Franke Kaffeemaschinen AG CH-4663 Aarburg/Switzerland Tel. +41 62 787 31 31 Fax +41 62 787 30 42		NIRO-Plan AG a FRANKE Company Franke Kitchen Systems Franke Foodservice Systems Franke Coffee Systems Franke Washroom and Sanitary Systems	
<b>A3- 473123</b>			

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# IV. Diagram Spectra X-XL 400 V AC

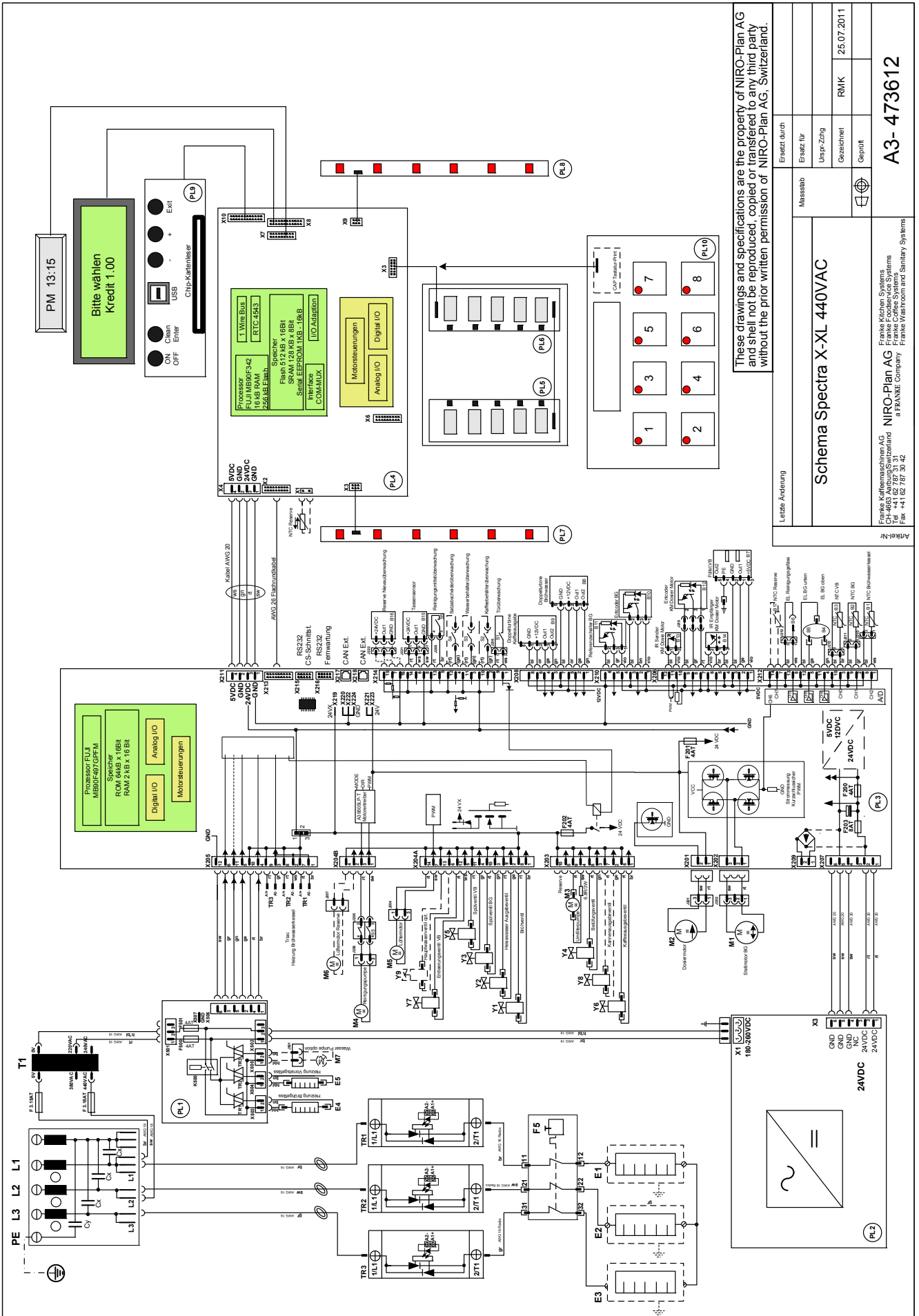


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Ersetzt durch	
Ersetzt für	
Urspr-Zeich	
Gezeichnet	RMK
Geprüft	
	25.07.2011
<b>Schema Spectra X-XL 400VAC</b>	
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<b>A3-473611</b>	



# V. Diagram Spectra X-XL 440 V AC



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Letzte Änderung	Erstellt durch	Erstellt für	Urspr-Zeich	Gezeichnet	Geprüft	25.07.2011
	Massstab			RMK		
<b>Schema Spectra X-XL 440VAC</b>						
<p style="text-align: right;"><b>A3- 473612</b></p>						
<p style="text-align: right;">                     Franke Kältetechnik AG Franke Kältesysteme                      CH-4600 Arburg/Schweiz Franke Fröhen/Anlagen Systeme                      a FRAMME Company Franke Ventilatoren and Sanitary Systems                      Fax: +41 62 787 30 42                 </p>						

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