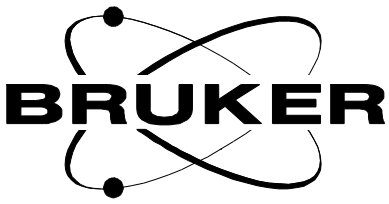

AQX 20 Slot Chassis

AQX MAINFRAME-Manual

Version 002

BRUKER

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DWG-Nr: 1042002

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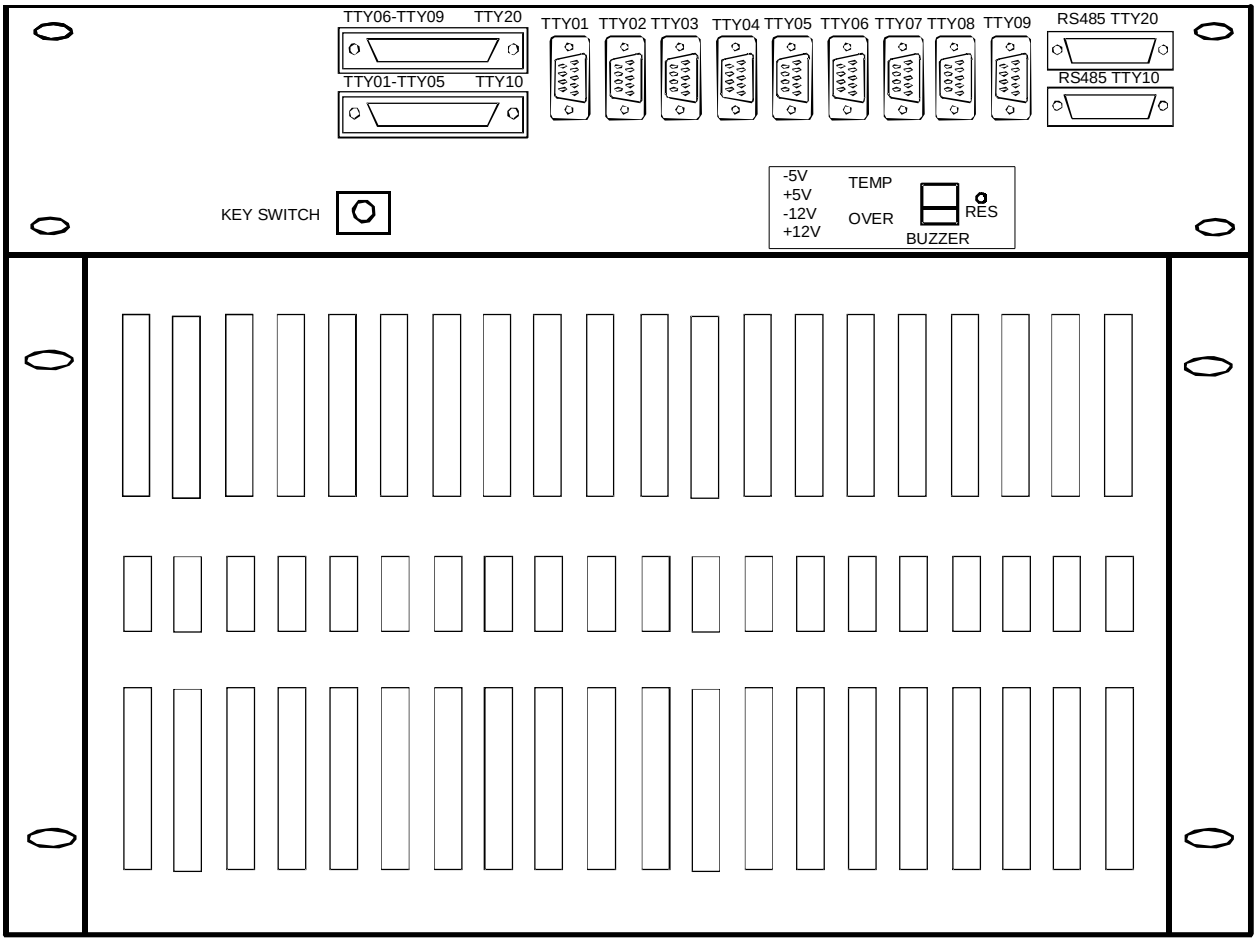
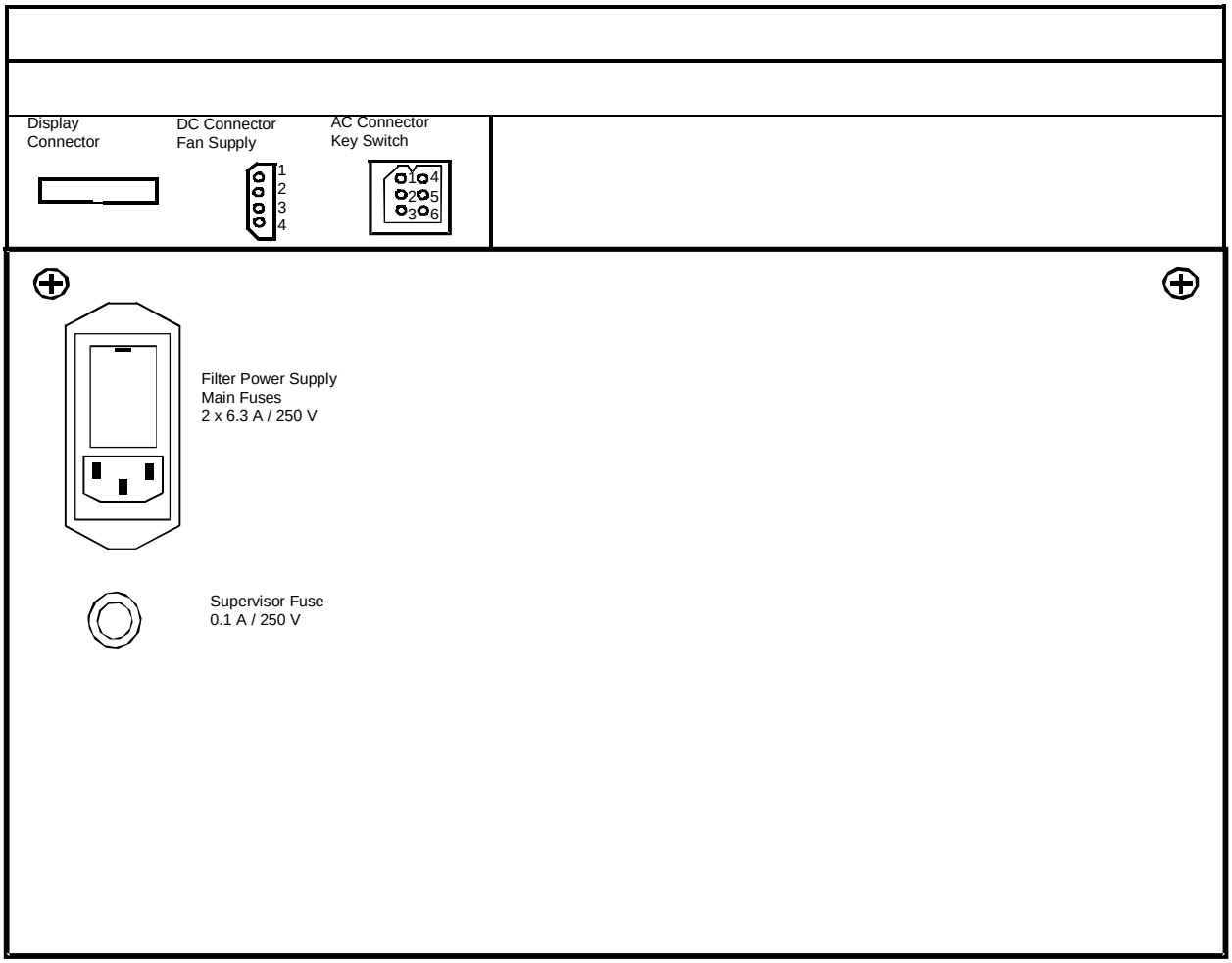
Figure 1.1. Chassi Wired Front View



KST 15.03.95 AQXCHAS1.MIF

Rear Panel *1.2*

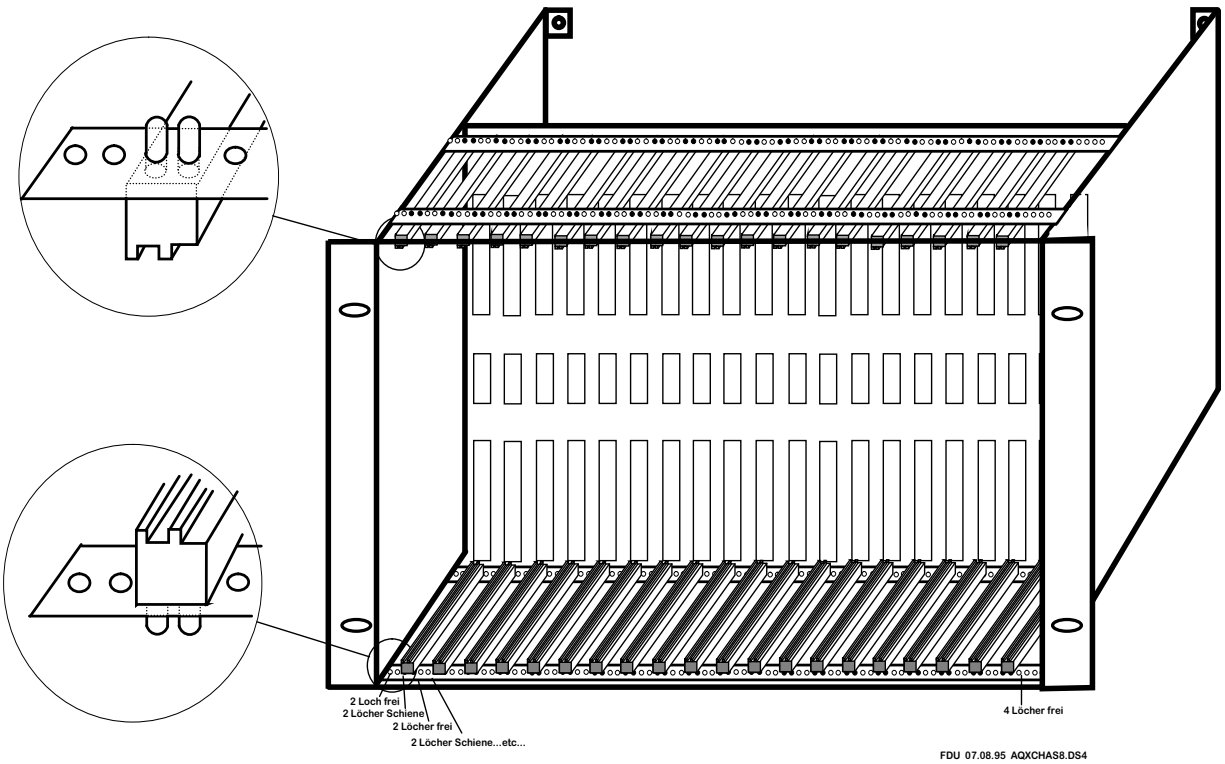
Figure 1.2. Chassis Wired Rear Panel



KST 15.03.95 AQXCHAS2.MIF

Assembly Rails *1.3*

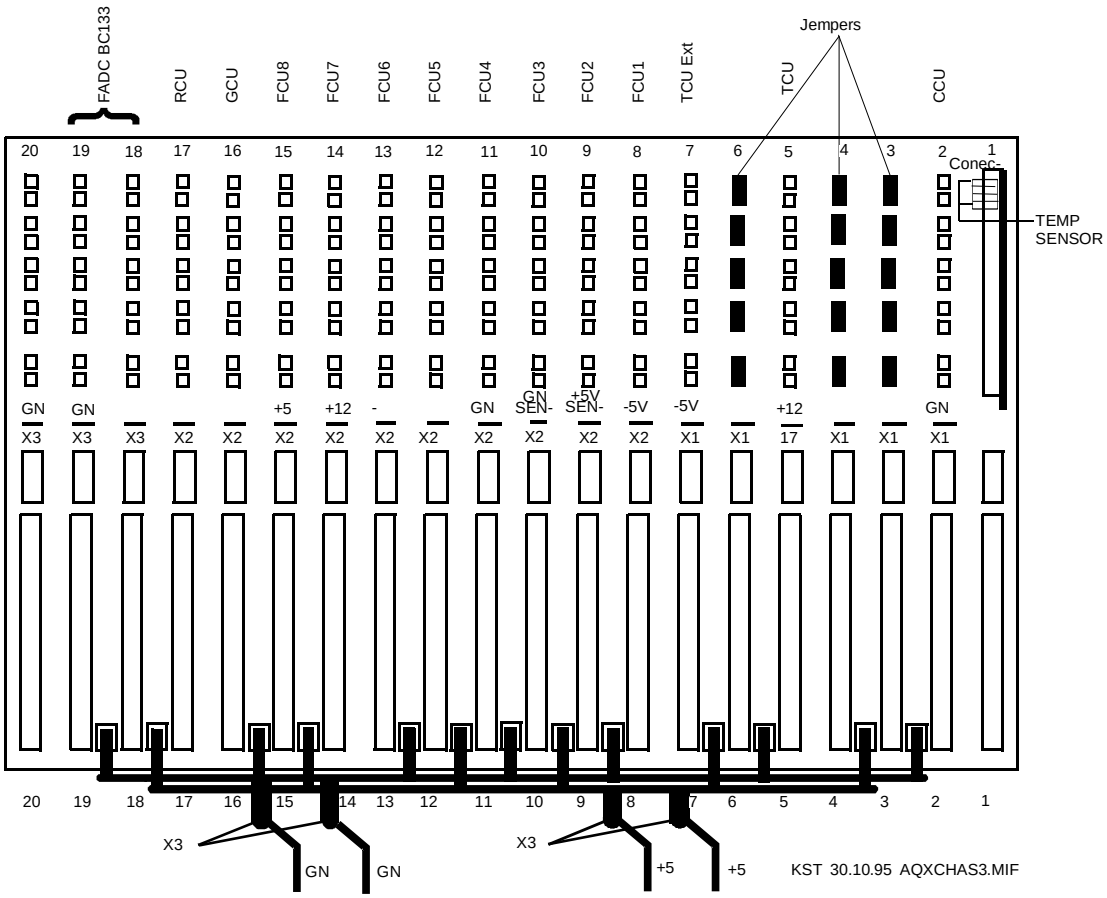
Figure 1.3. Assembly Rails



Power Supply 2

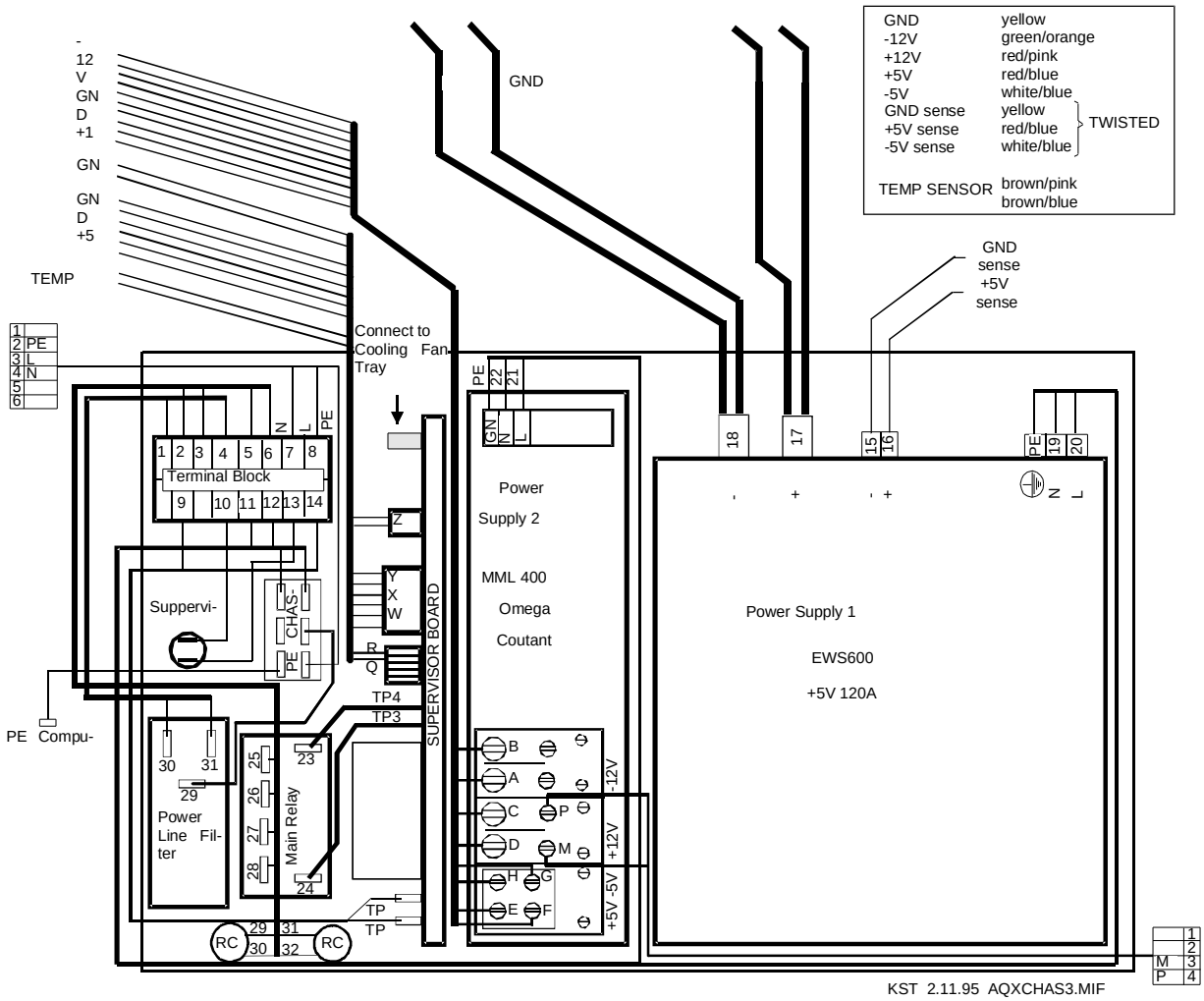
Rear Panel Mother Board 2.1

Figure 2.1. Mother Board



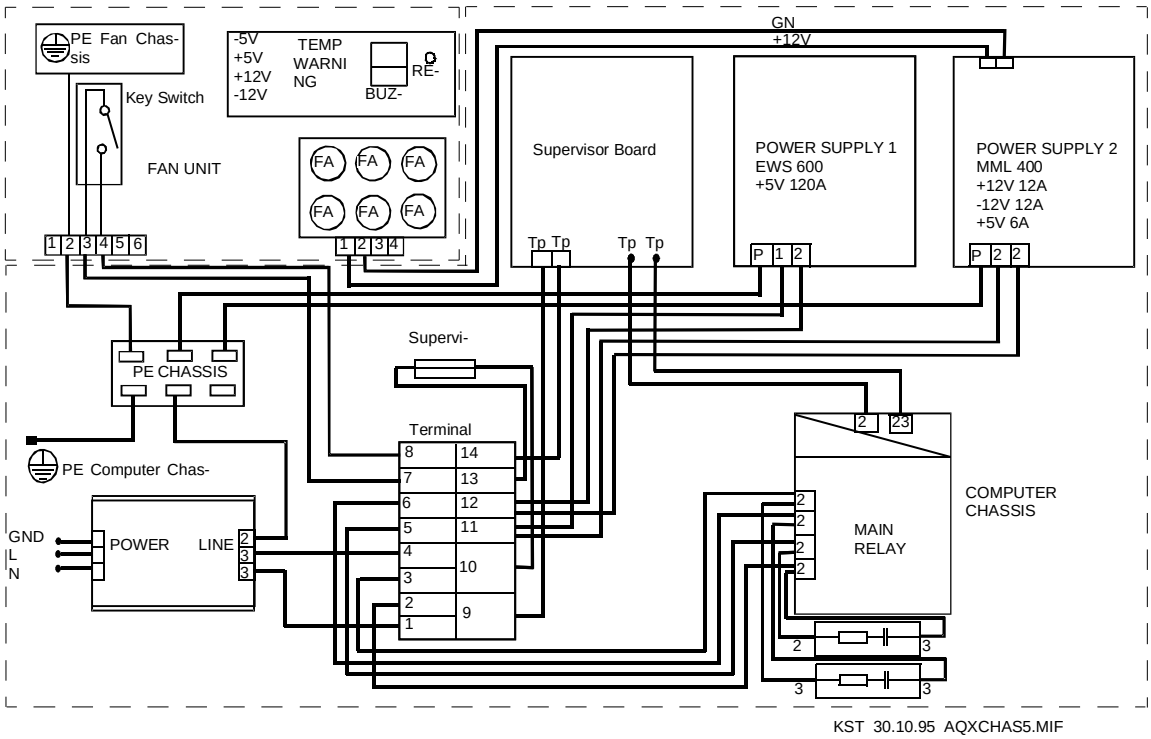
Power Supply *2.2*

Figure 2.2. Power Supply



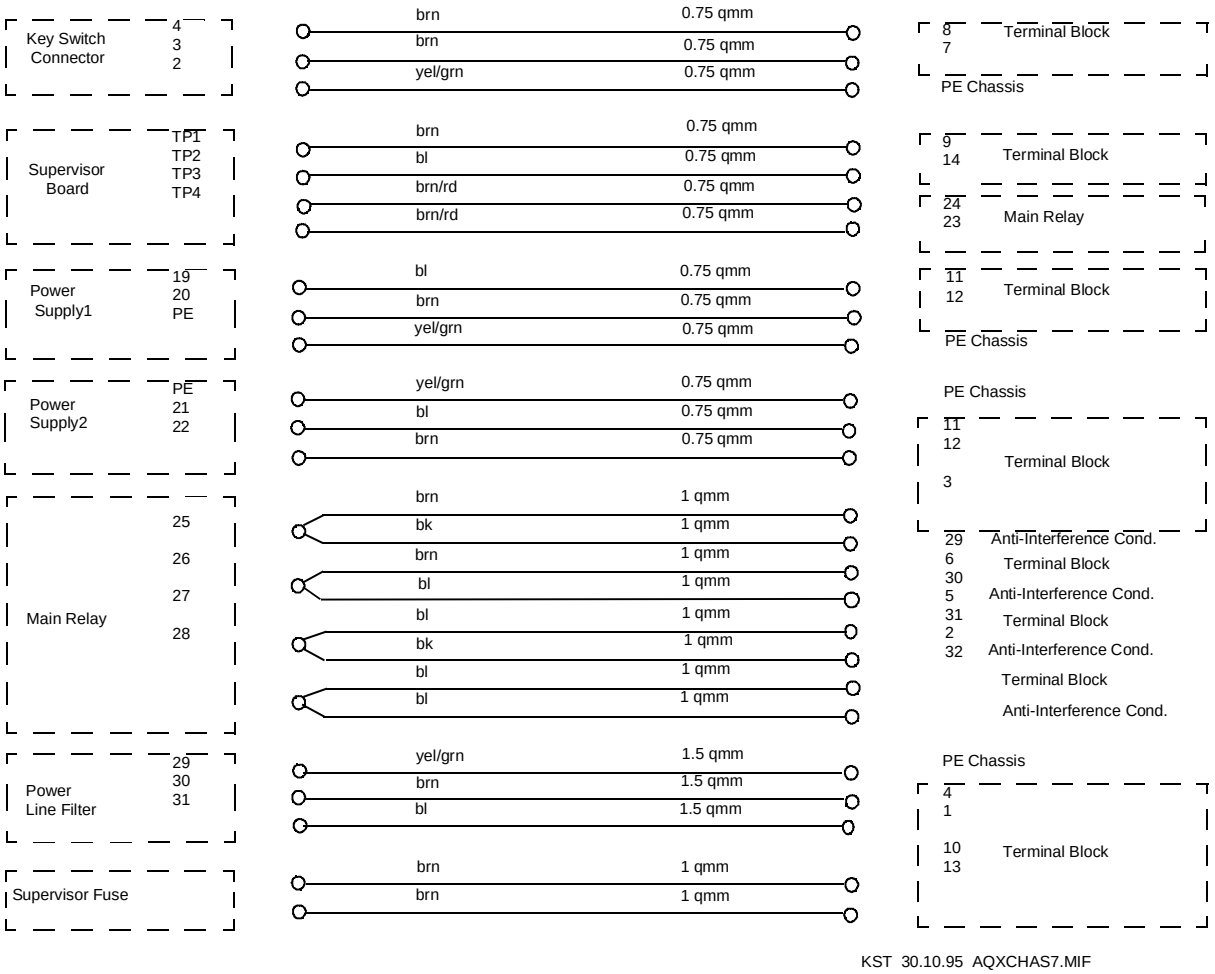
AC Diagram *2.3*

Figure 2.3. AC Diagram



AC Connection 2.4

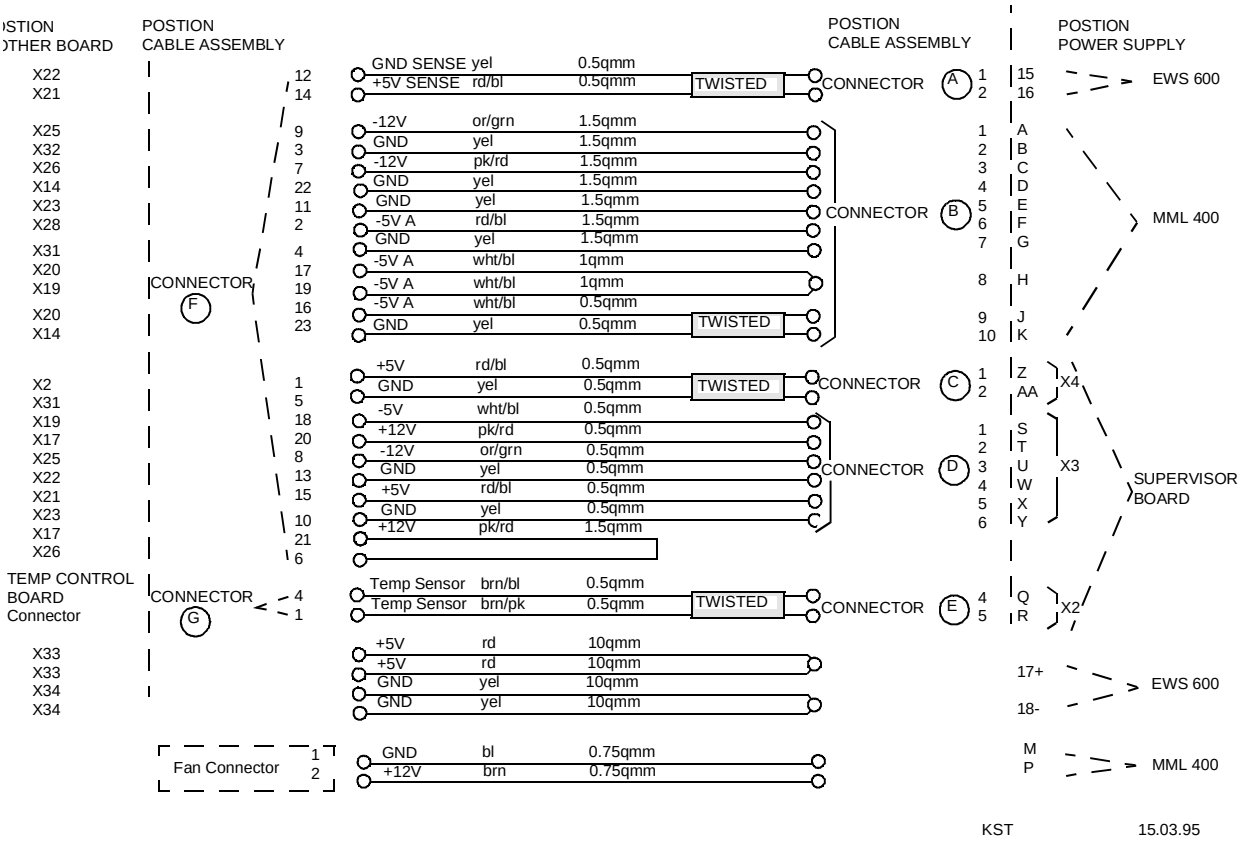
Figure 2.4. AC Connection



KST 30.10.95 AQXCHAS7.MIF

DC Connection *2.5*

Figure 2.5. DC Connection



AQX Power Supply Suppervisor *2.6*

Figure 2.6. Suppervisor Display

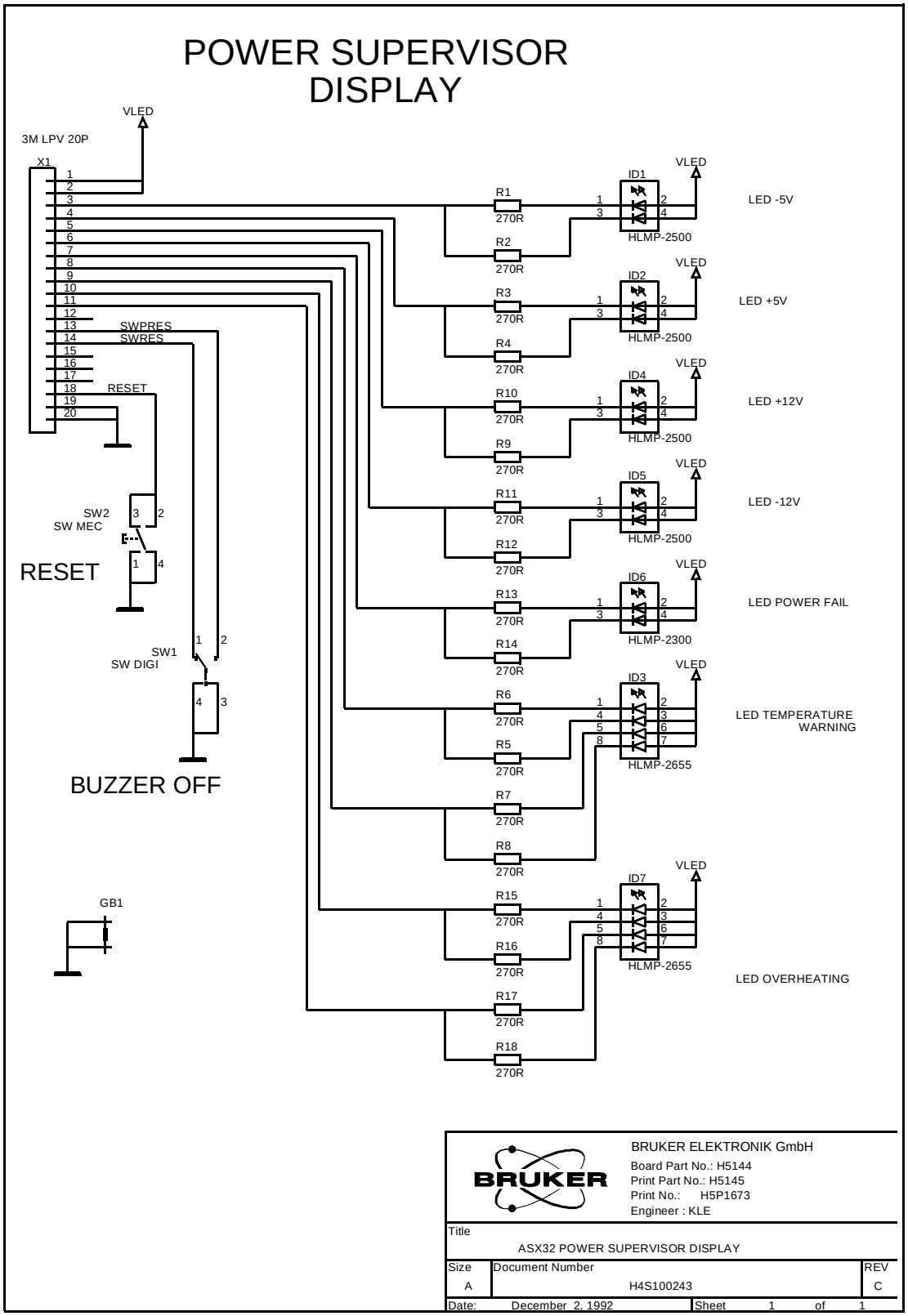


Figure 2.7. Power Supervisor Root

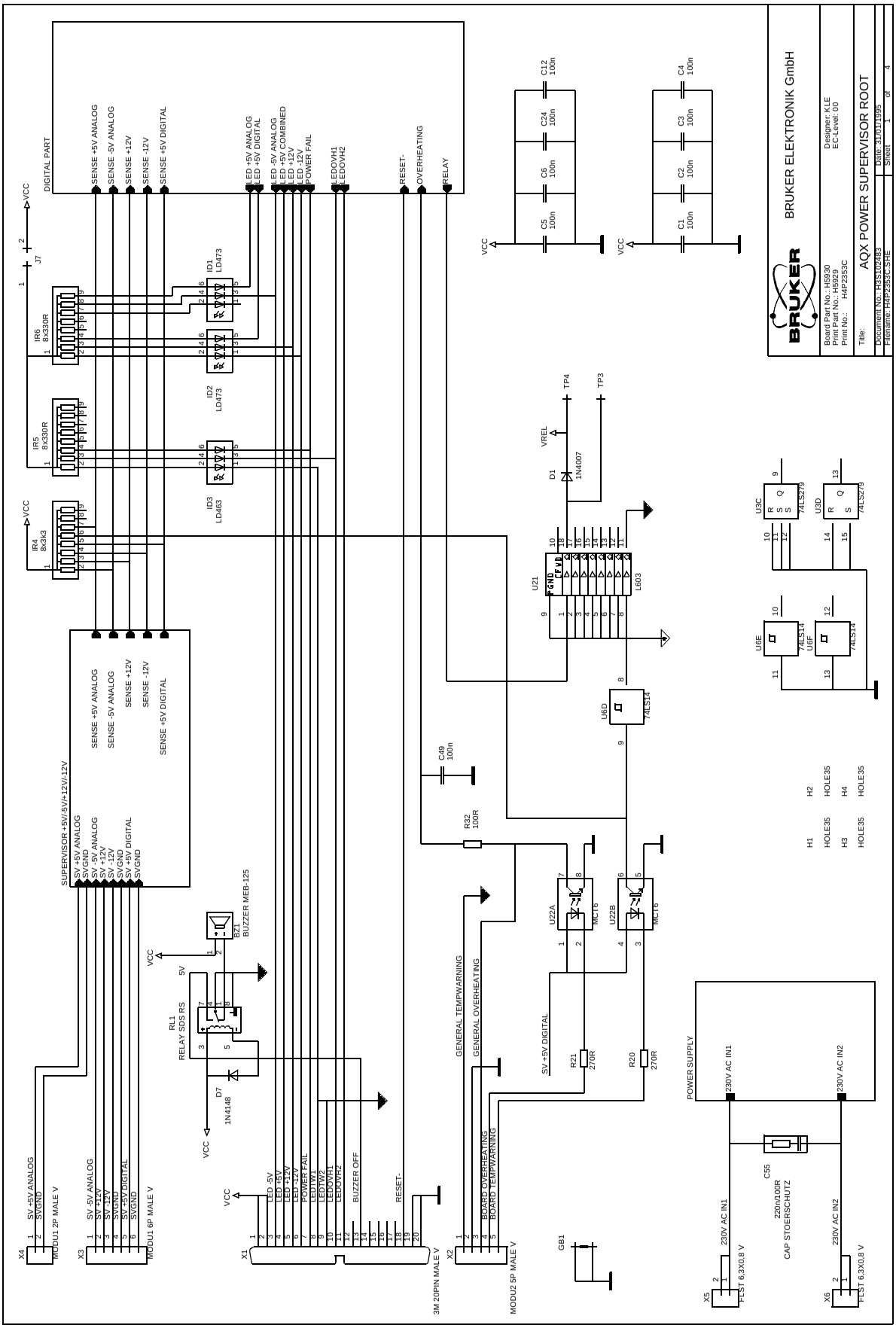


Figure 2.8. Power Supervisor Supply & Relay

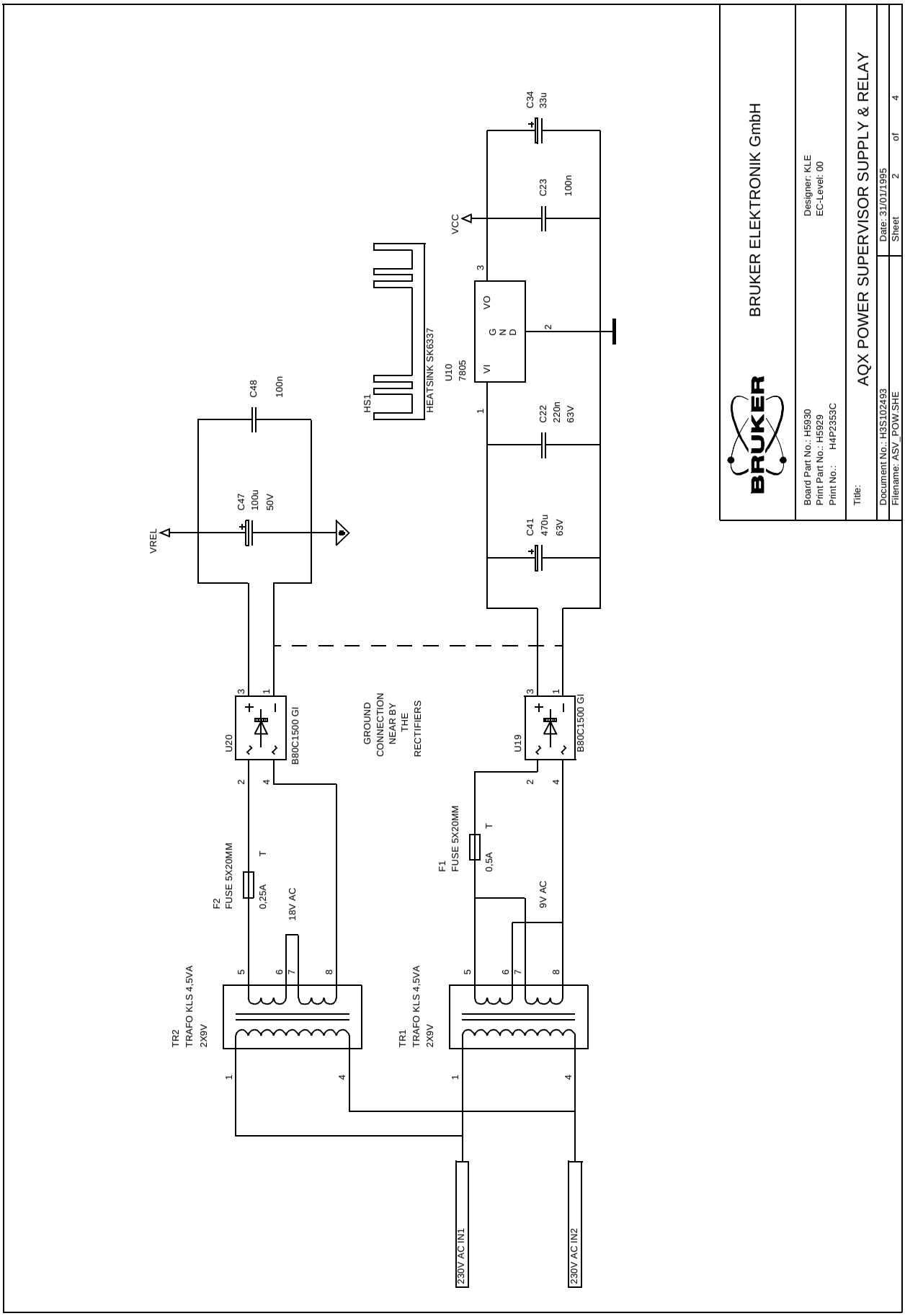


Figure 2.9. Power Supervisor Digital Part

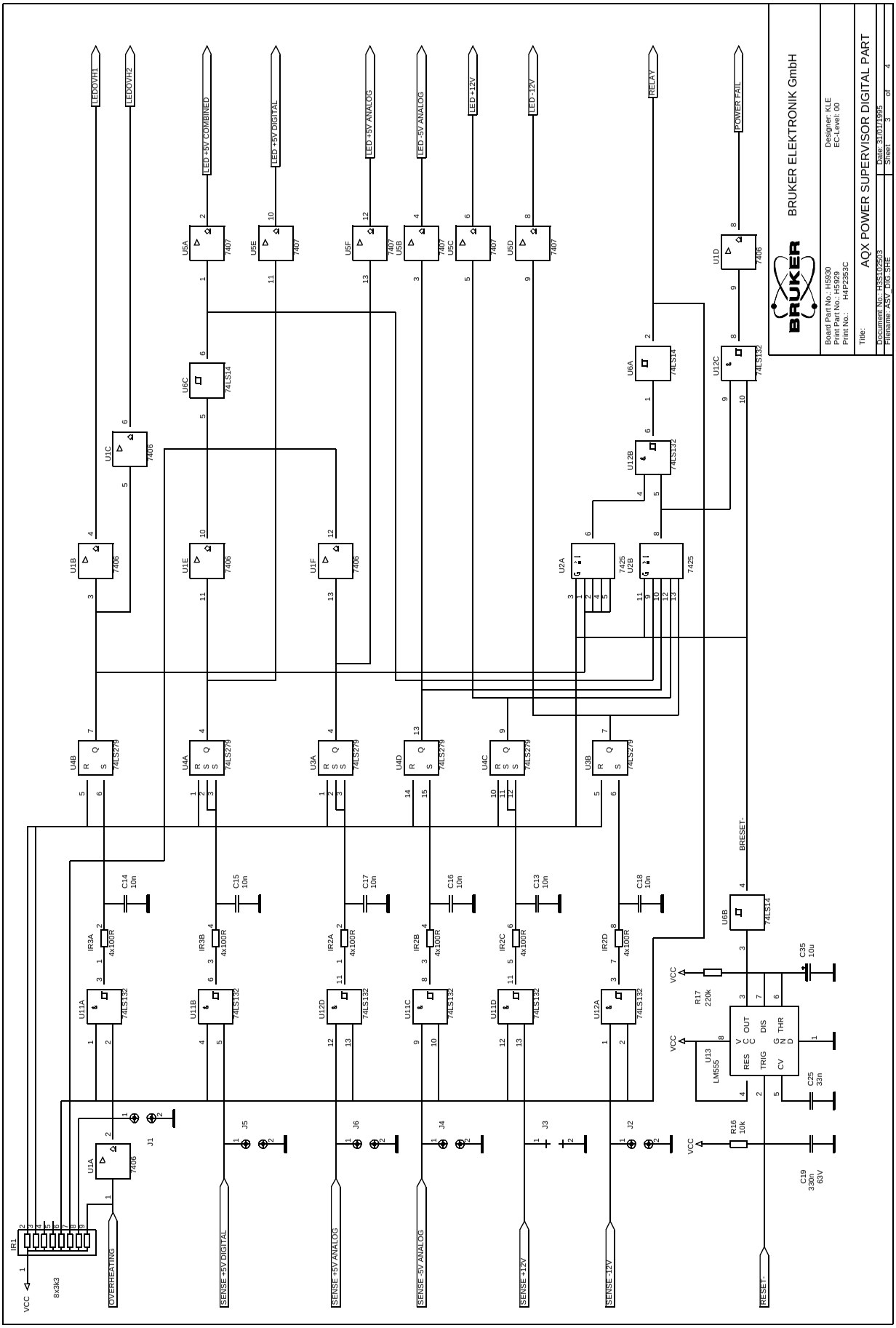
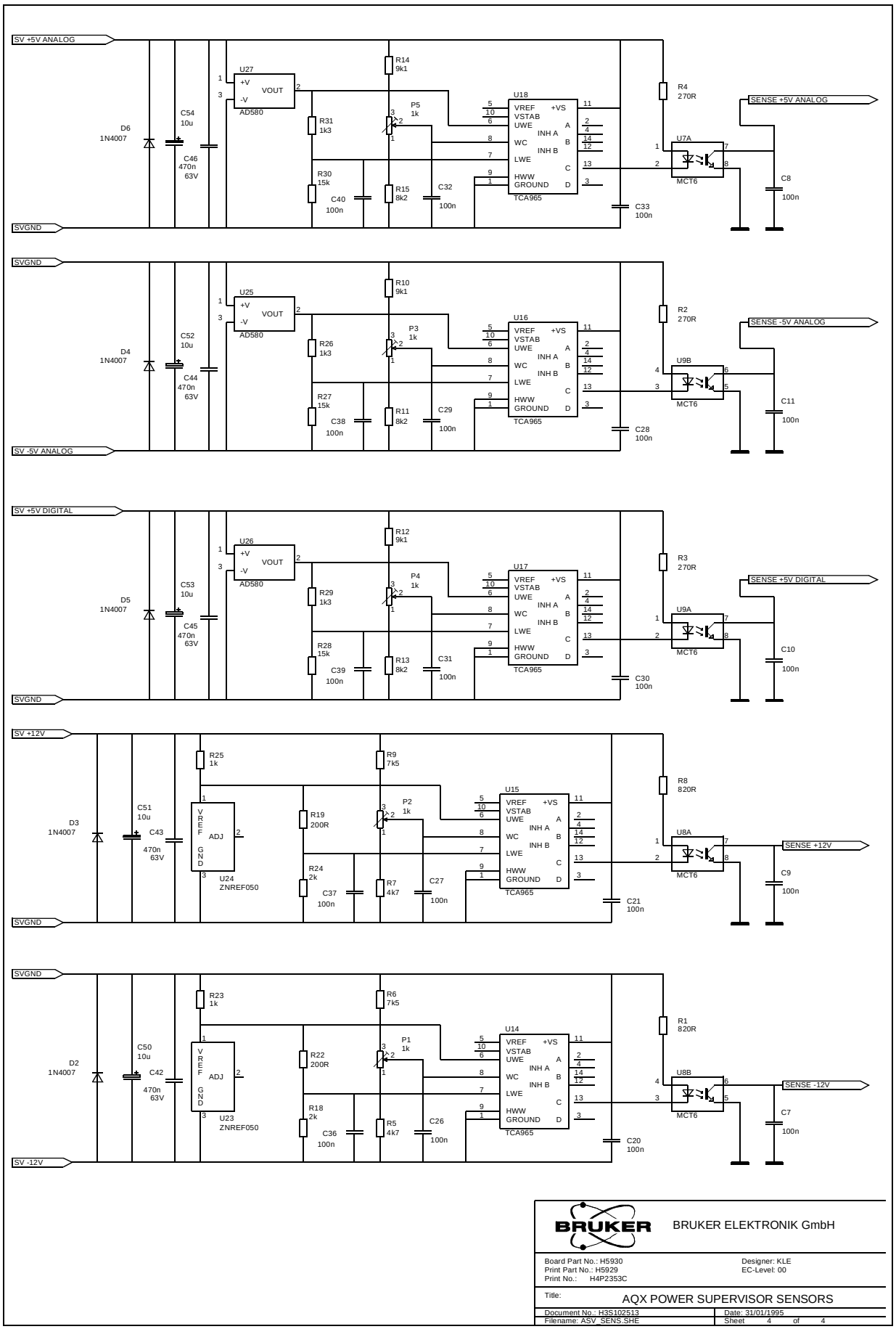


Figure 2.10. AQX Power Supervisor Sensors



Technical Data *2.7*

Power Supply : MML400

Manufacturer : LAMBDA

Input Voltage 180 - 264 V AC

Configuration : C Module 2 pieces / K Module 1 piece

C MODULE: Output Voltage 12V DC / Output Current 12Amps

K MODULE: Output Voltage 2x5V DC / Output Current 6Amps / Low Ripple Filter

Power Supply : EWS- 600 -5

Manufacturer : LAMBDA

Input Voltage 170-265 V AC

Output Voltage 5V DC

Output Current 120Amps

Relay : JH2A-DC24V

Manufacturer : MATSUSHITA

Coil : DC 24V

Contacts : AC 250V 20 Amps

Line Filter : 292-6-05

Manufacturer : SCHAFFNER

Voltage : 110 / 250V AC

Frequency : 50 - 60 Hz

Current : 6 Amps

Fan : 4182NGX

Manufacturer : PAPST

Voltage : 12V DC

Frequency : 0.3 Amps

Power : 3.5W

Input Current Computer Boards *2.8*

Table 2.1. Current Computer Boards

	+5V Digital	+12V	-12V	+5V Analog	-5V Analog
CCU	7.2A	0.1A	0.1A		
SIO	2.5A	0.5A	0.5A		
FCU	5A	0.2A	0.3A	0.1A	0.4A
TCU Cont.+Ext.	10A				
GCU	7.8A				
RCU	3A	1A			
FADC	1A				
IADC	1.1A				
40MHz Clock Board		0.6A			

Figures

Figures

Tables

Tables