

KKT chillers

Stromlaufplan

wiring diagram

UL-Verdrahtung

Projekt project	Projekt P 090	
Anlage / Typ sub-group / type	IFP 090 TIM	ROW 380-480V 50/60Hz UL 460V 60Hz
Kunde customer	Siemens	
Änderung / change	Datum / Date	Name / Editor
Pinbelegung page 8 / X 485	31.01.14	R.Zeilmann
Pinbelegung page 8 / X 485	13.08.14	R.Zeilmann

Achtung !
Vor Inbetriebnahme - alle Schrauben an Schützen , Klemmen , Relais und Reglern nachziehen.

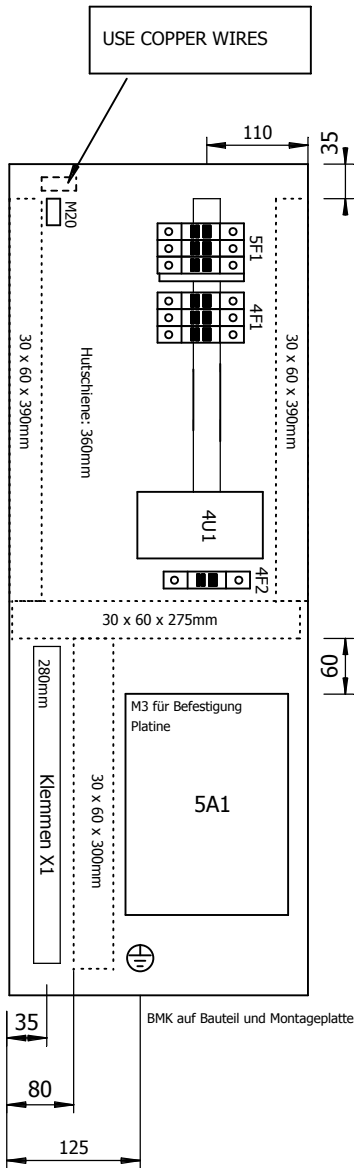
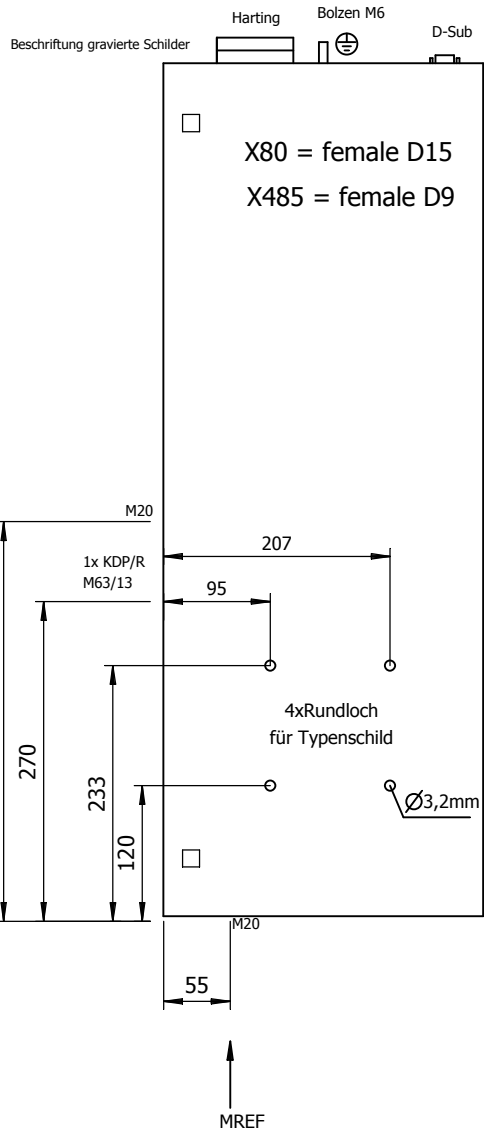
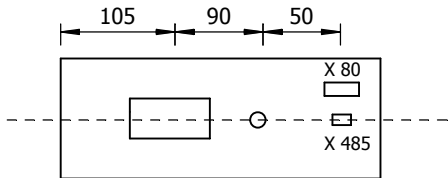
Attention
before first initial operation starting - tighten all screws on contactors , relays , terminals and controller.

Netzspannung / line	3 x 380-480V/PE 50/60Hz
Schutzart / protection class	IP 54
Steuerspannung / control voltage	24VDC
Anschlußleistung / connected load	max. 20 kW
Stromaufnahme / max. circuit ampacity (MCA)	21 A
Vorsicherung / max. overcurrent protective device (OCP)	35 A

Drahtfarben / colors of wiring :

Hauptstromkreise / main power : schwarz / black
Schutzleiter / protective conductor : grün-gelb / green-yellow
Steuerspannung / control voltage 24VDC (L+) : dunkelblau/dark-blue
Steuerspannung / control voltage 24VDC (L-) : blau-weiss/blue white
Pot.-freie Verdrahtung / wiring without potential : orange / orange

Alle Maße in mm



key

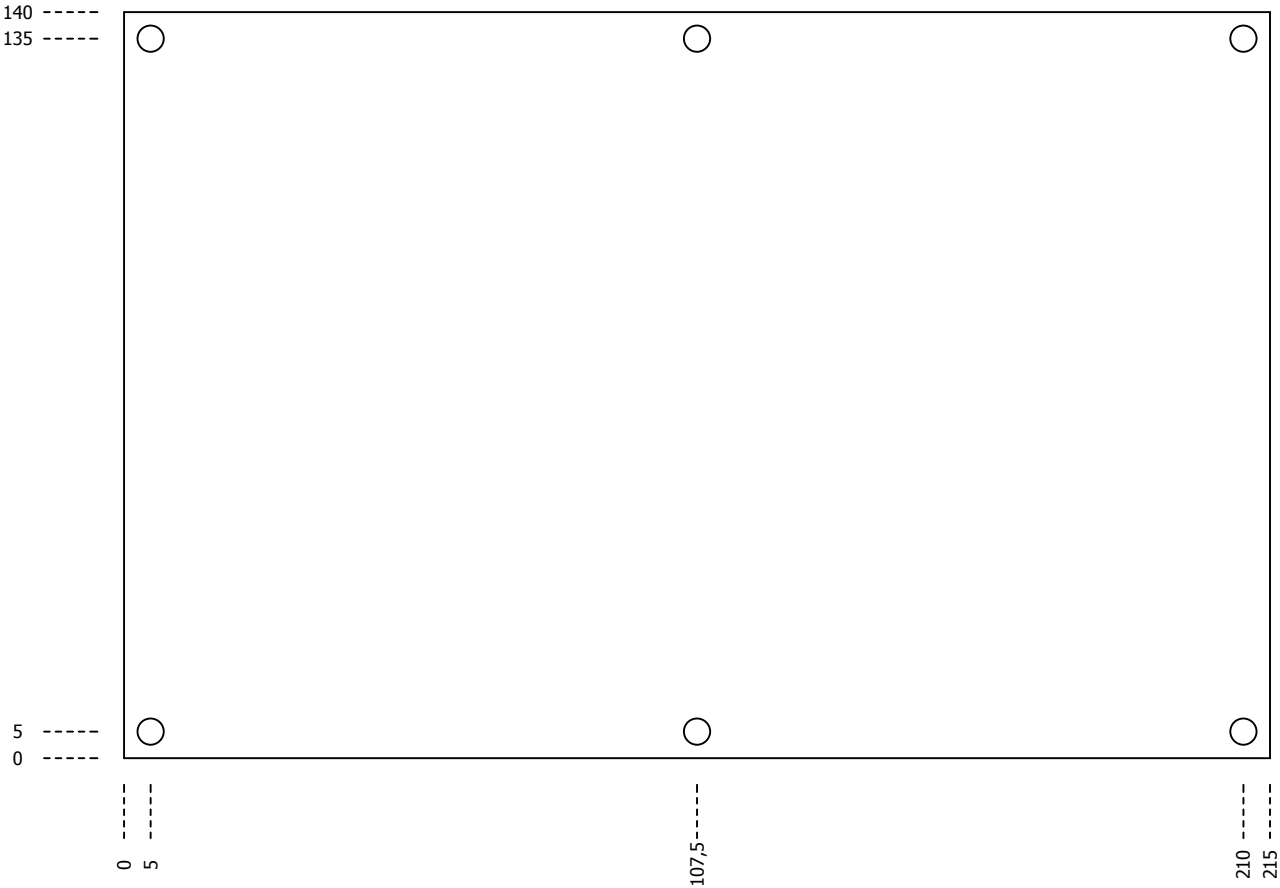
4F1: automatic fuse -> power supply in
 4F2: automatic fuse -> power supply out
 4U1: power supply
 5F1: automatic fuse -> MREF

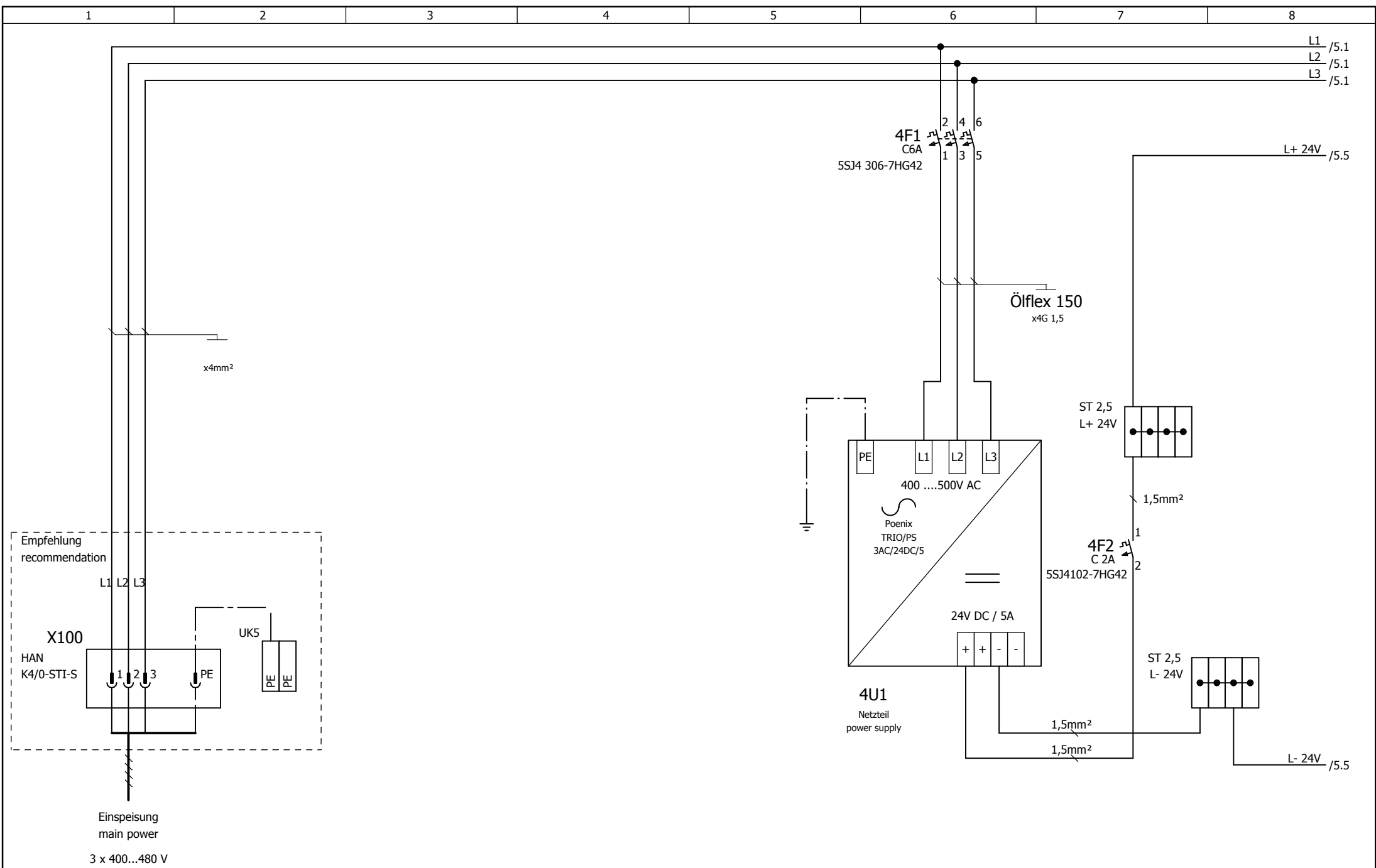
Gehäuse Caleg
 Uniflex 2
 800x300x155
 Farbe : RAL 7035 struktur
 Schilder : englisch

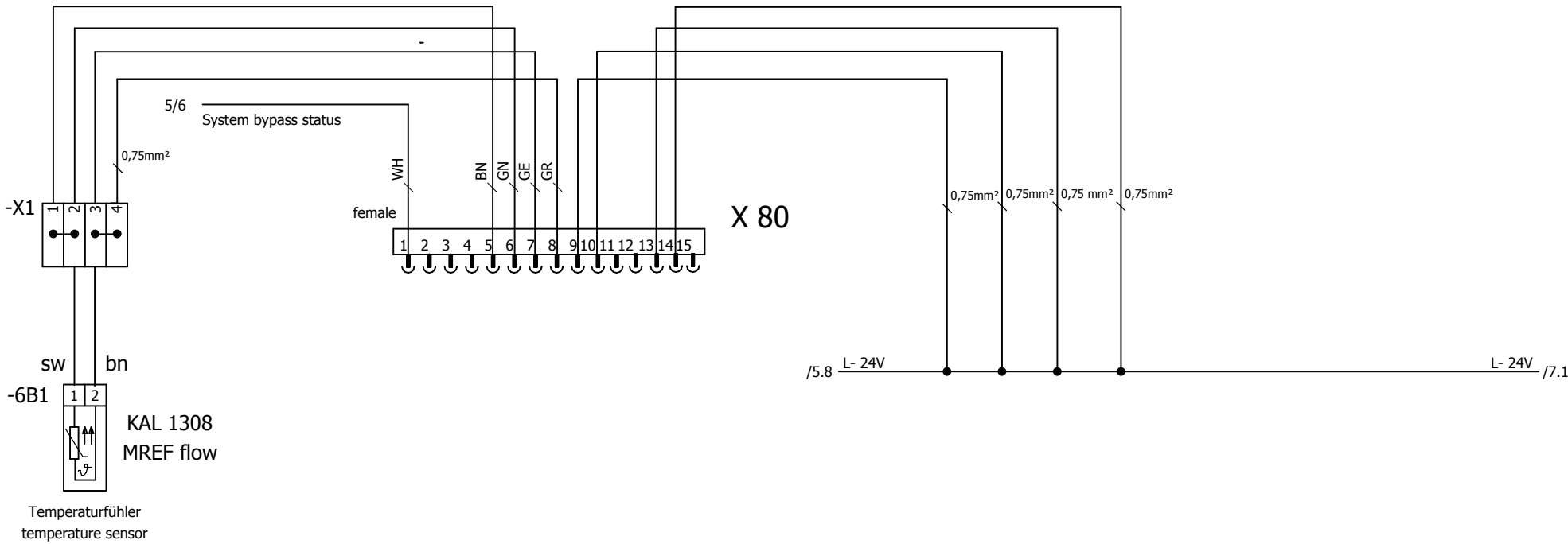
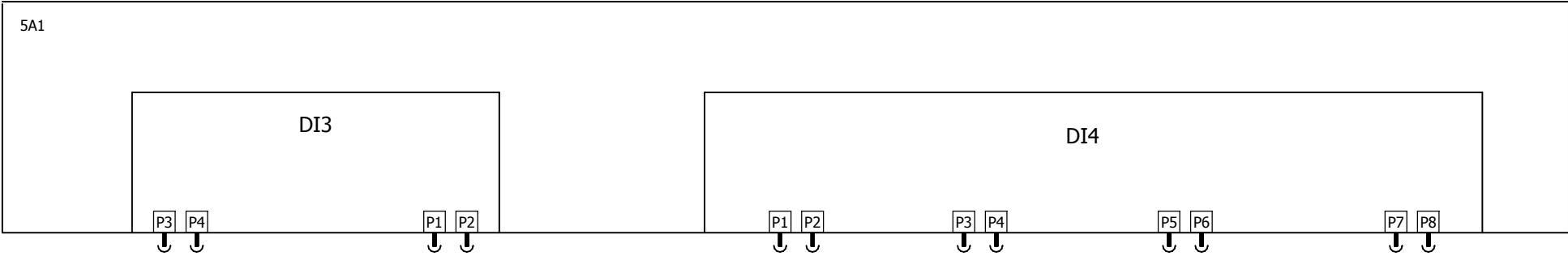
M 1:5
 DIN A3

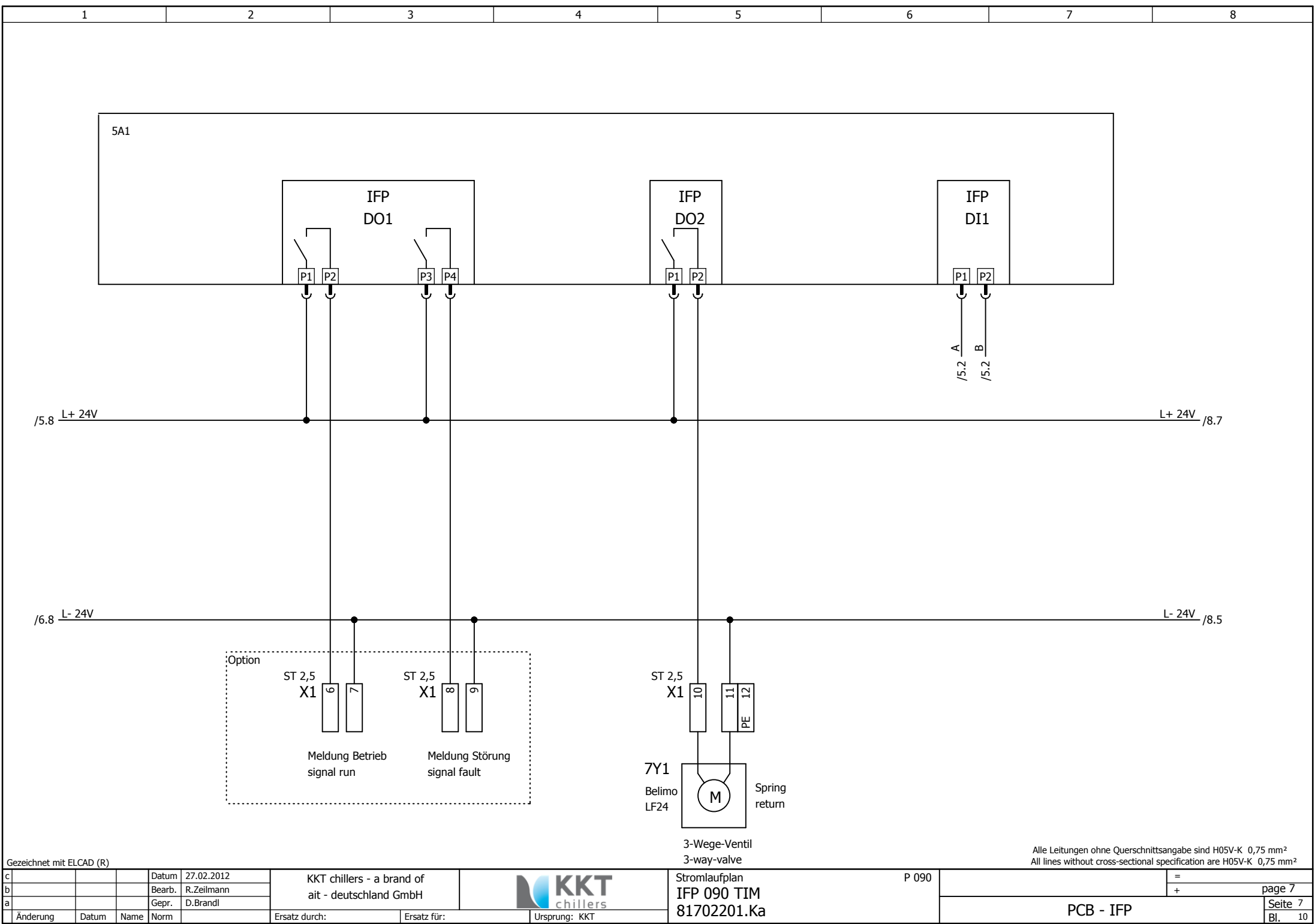
Alle Leitungen ohne Querschnittsangebe sind H05V-K 0,75 mm²
 All lines without cross-sectional specification are H05V-K 0,75 mm²

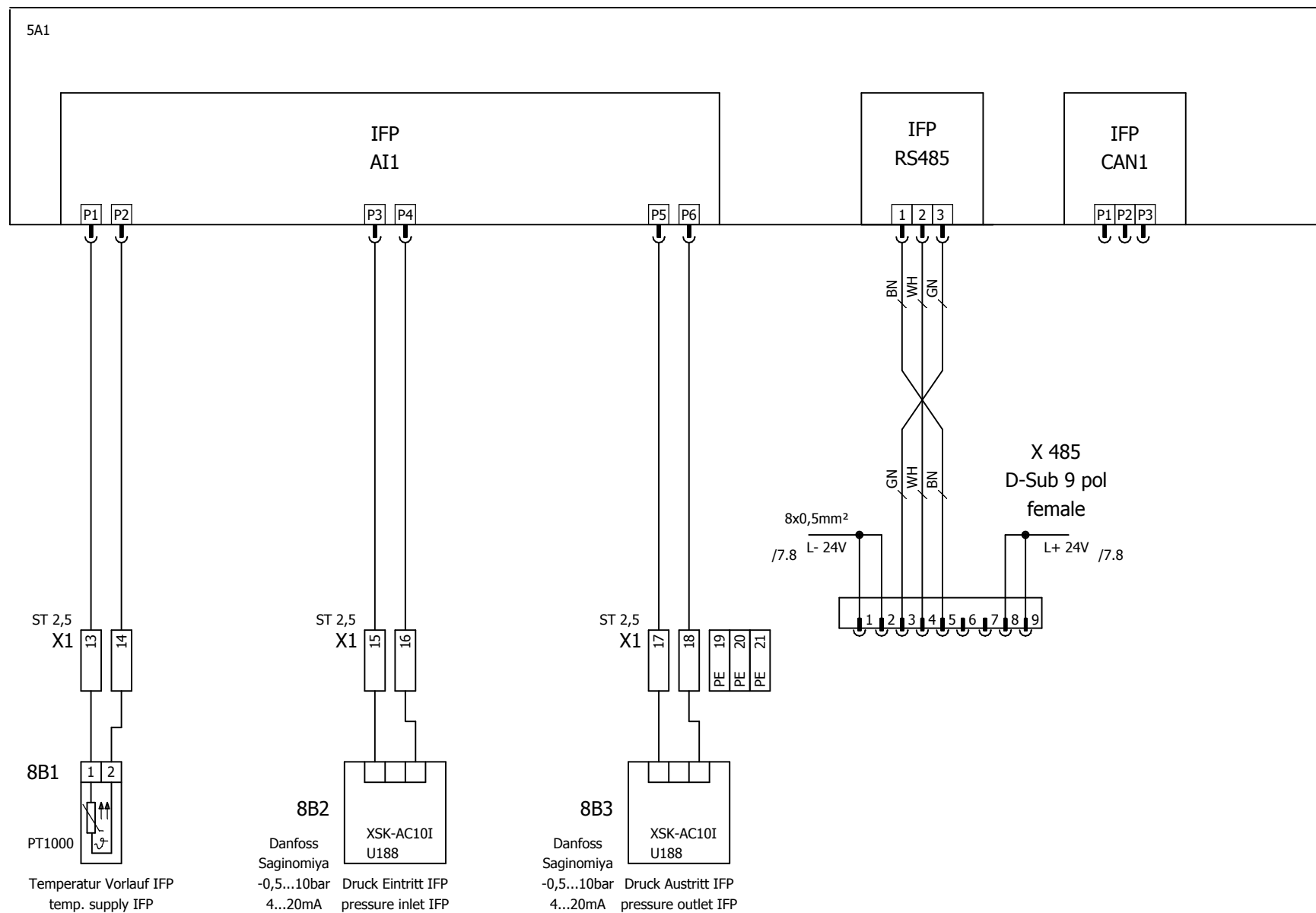
Massangaben zur Befestigung der Leiterplatte in mm











female X 80		
PIN	function	comment
1	System bypass status	
2	n.c.	
3	n.c.	
4	n.c.	
5	KAL1308 sw black	interconnect
6	KAL1308 sw black	
7	KAL1308 bn brown	interconnect
8	KAL1308 bn brown	
9	GND	interconnect
10	GND	
11	n.c.	
12	n.c.	
13	GND	interconnect
14	GND	
15	n.c.	

female X 485		
PIN	function	comment
1	GND	interconnect
2	GND	
3	RS 485 pin 1	
4	RS 485 pin 2	
5	RS 485 pin 3	
6	n.c.	
7	n.c.	
8	24V DC	interconnect
9	24V DC	