

KKT chillers

Stromlaufplan

wiring diagram

Projekt project	ID-Nr. 115.4001.01.000.0000 KTR 100.500 CIMR-VC4A0007BAA		
Anlage / Typ sub-group / type	Industriekühler KPC 115 L-U/S industrial cooler KPC 115 L-U/S		
Kunde customer	Siemens		
a	new type inverter; Fuse 11F2;	28.11.2013	R.Zeilmann

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Achtung !

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

Attention

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

Netzspannung / line	3 x 440-480V/PE 60Hz
Schutzart / protection class	IP 54 (outdoor use)
Steuerspannung / control voltage	24VAC
Anschlußleistung / connected load	ca. 10,5 KW / ca. 20 KVA
Stromaufnahme / minimum circuit protection (MCA)	ca. 28 A
Vorsicherung / overcurrent protection (OCP)	35 A
Einschaltstrom/Impulsdauer inrush amps/duration	180A / 50 ms

Drahtfarben / colors of wiring :

Hauptstromkreise / main power : schwarz / black
Schutzleiter / protective conductor : grün-gelb / green-yellow
Steuerspannung / control voltage 24VAC (U) : rot / red
Steuerspannung / control voltage 24VAC (V) : rot / red
Steuerspannung / control voltage 230VAC (U) : braun / brown
Steuerspannung / control voltage 230VAC (V) : grau / grey
Fühlerleitung / sensor conductor: weiß / white
Pot.-freie Verdrahtung / wiring witout potential : orange / orange

4H1 = control voltage
 6H1 = run pump
 6H2 = fault pump
 7H1 = reset flow monitoring
 7H3 = reset over-heating water
 7H2 = freeze protection
 9H1 = run compressor
 9H2 = fault compressor
 9H3 = high pressure

 8N1 = temperature controller
 6S1 = control switch
 4Q1 = main switch

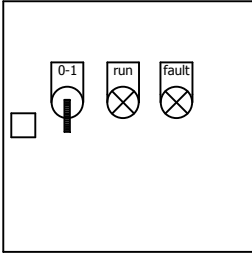
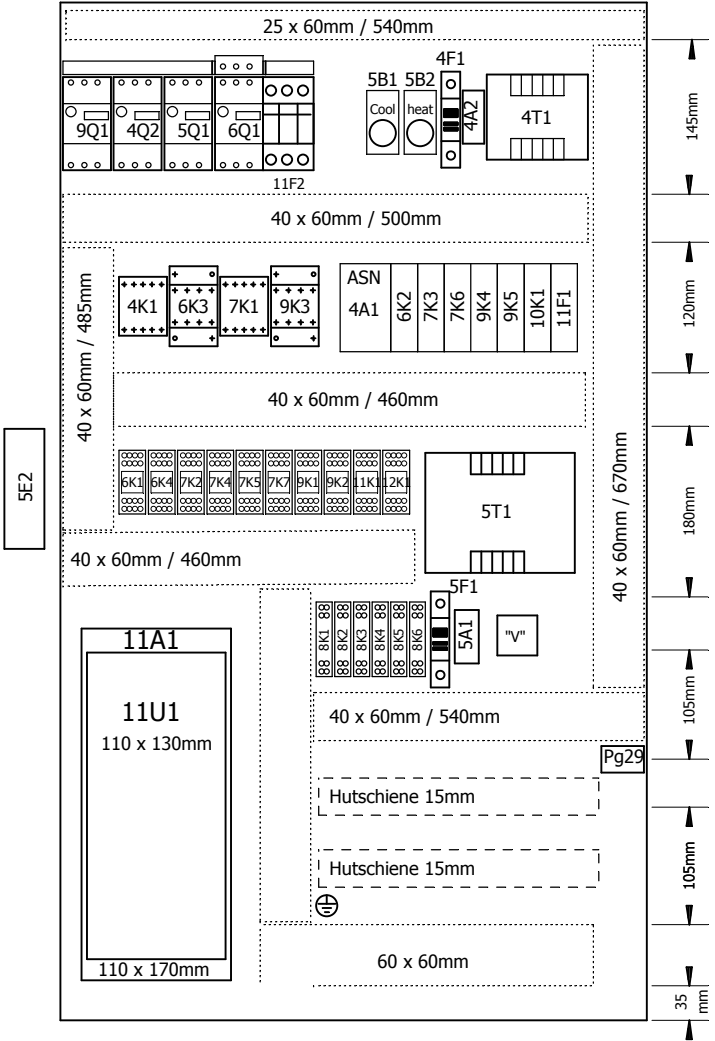
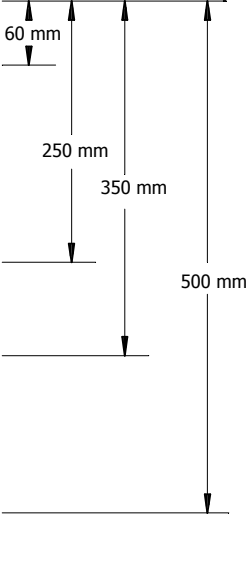
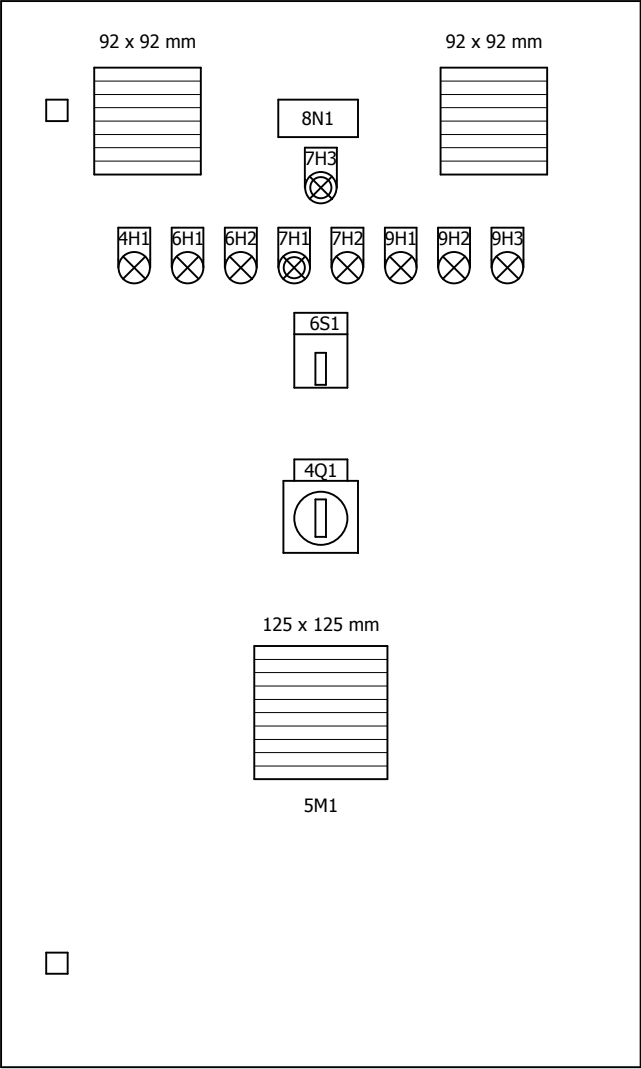


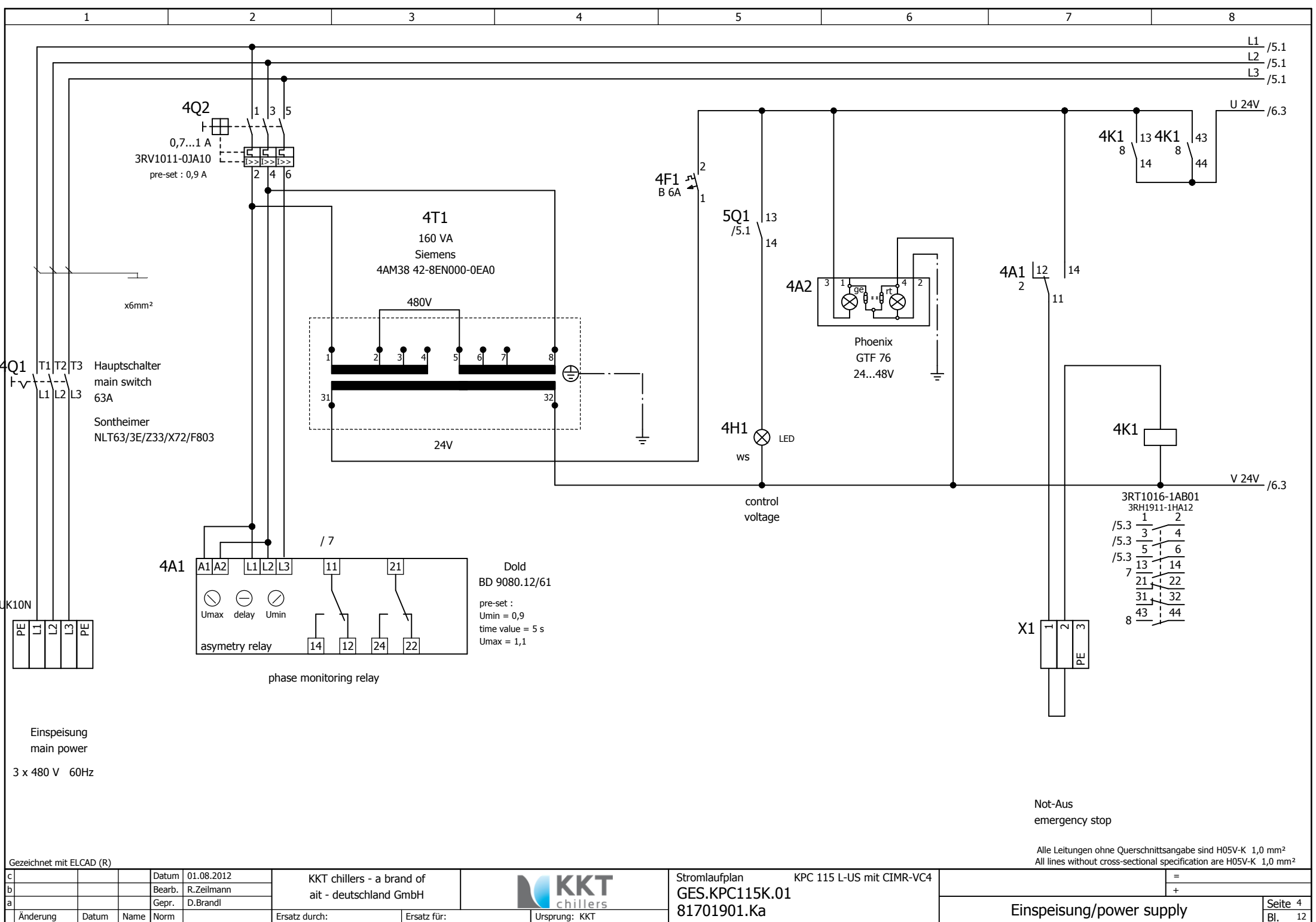
Tableau
 remote control unit

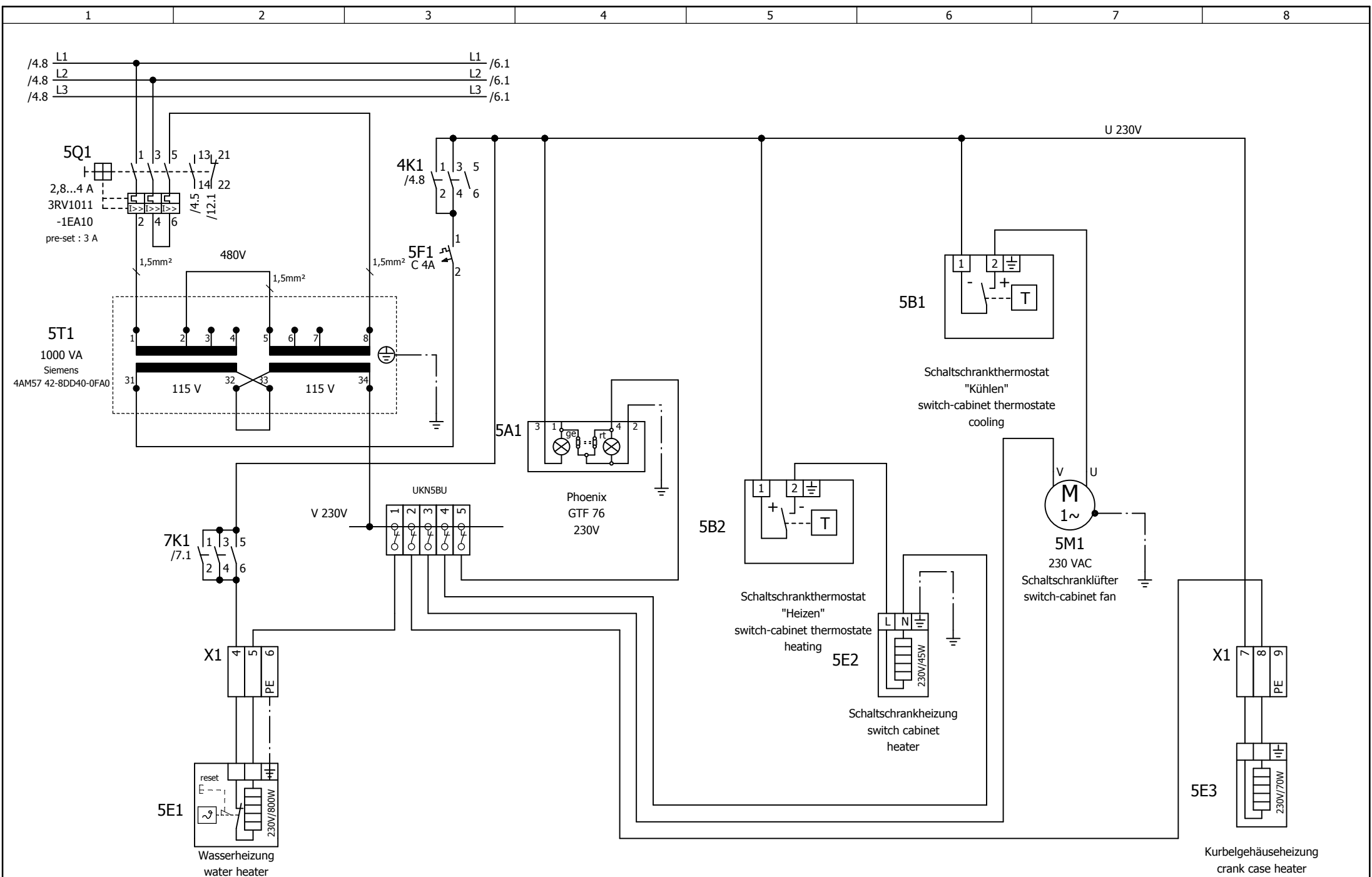
 Rittal
 EB 1546
 (Option)

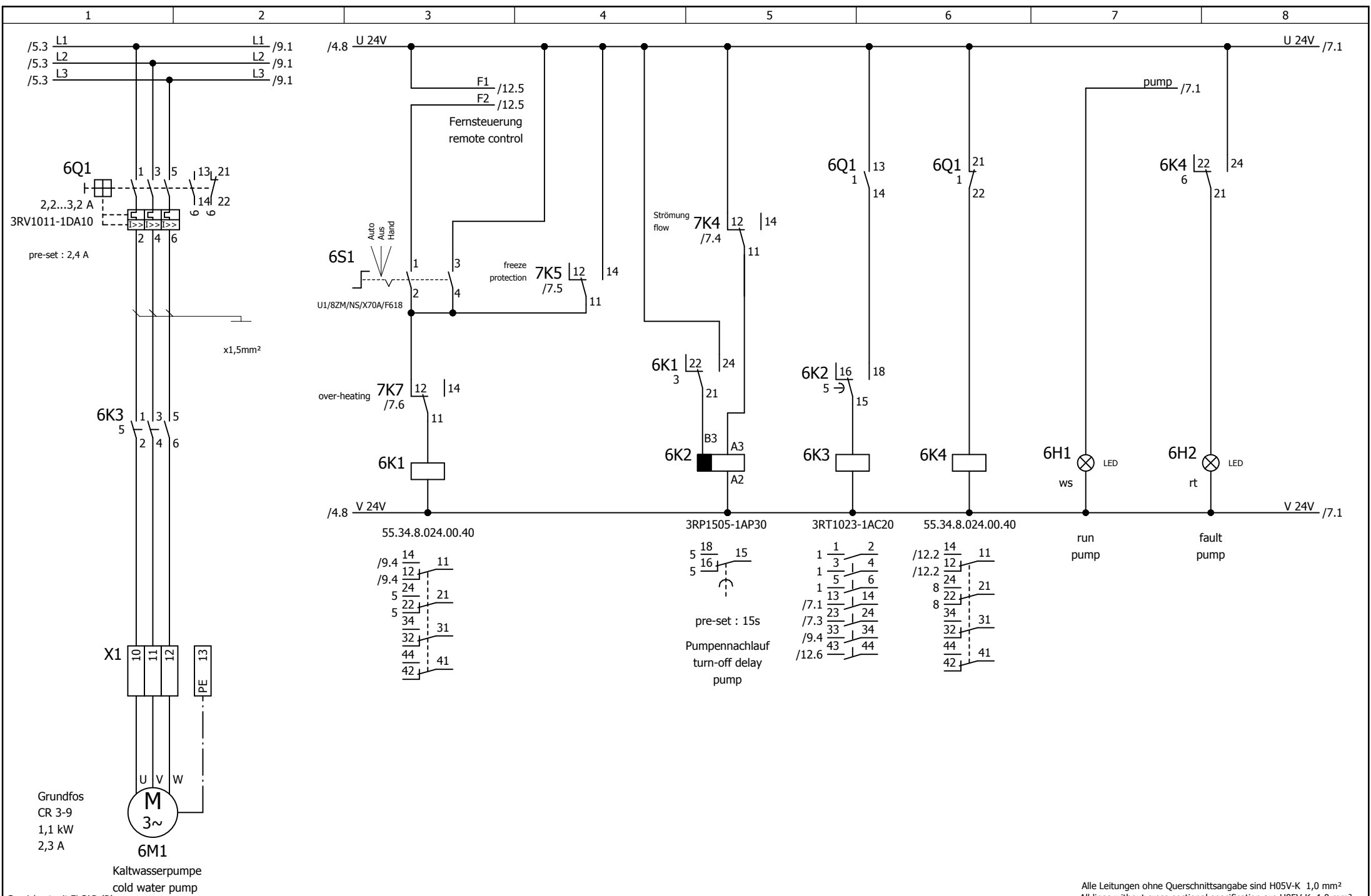


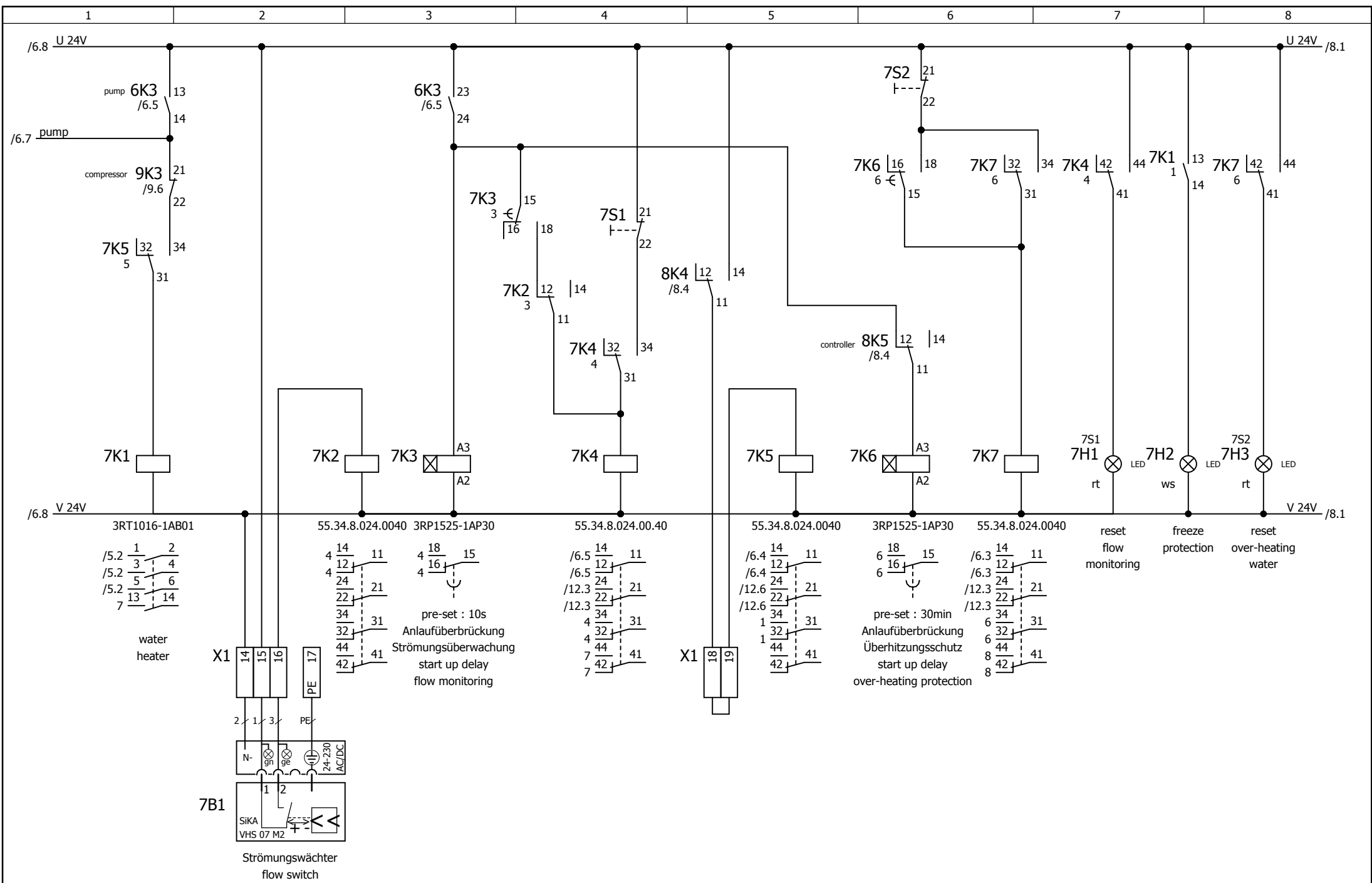
Fab.: Caleg
 Farbe : RAL 1013
 Abmessungen : B600 x H1000 x T250
 Türanschlag : rechts
 Schilder: englisch

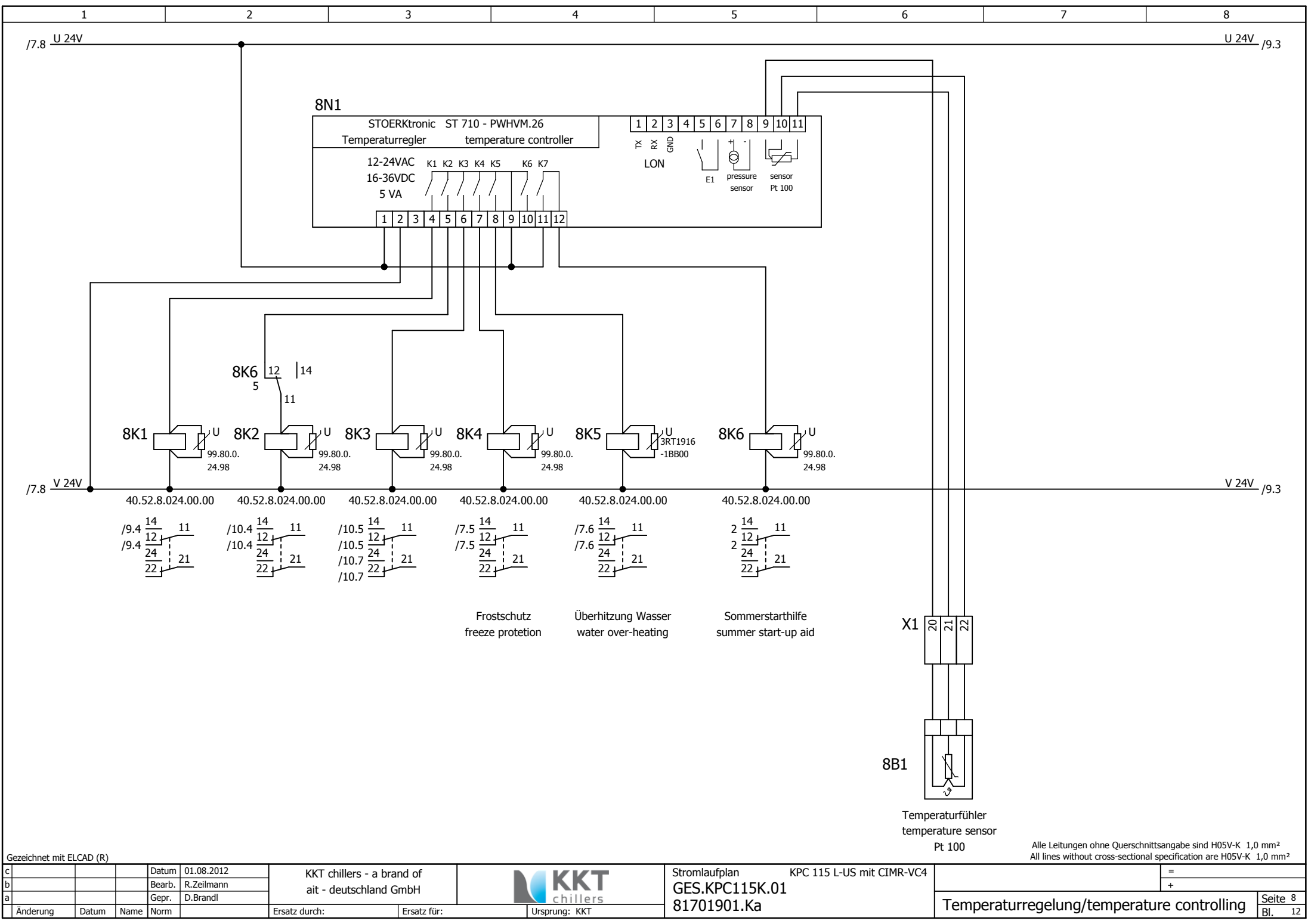
DIN A3
 M 1:5

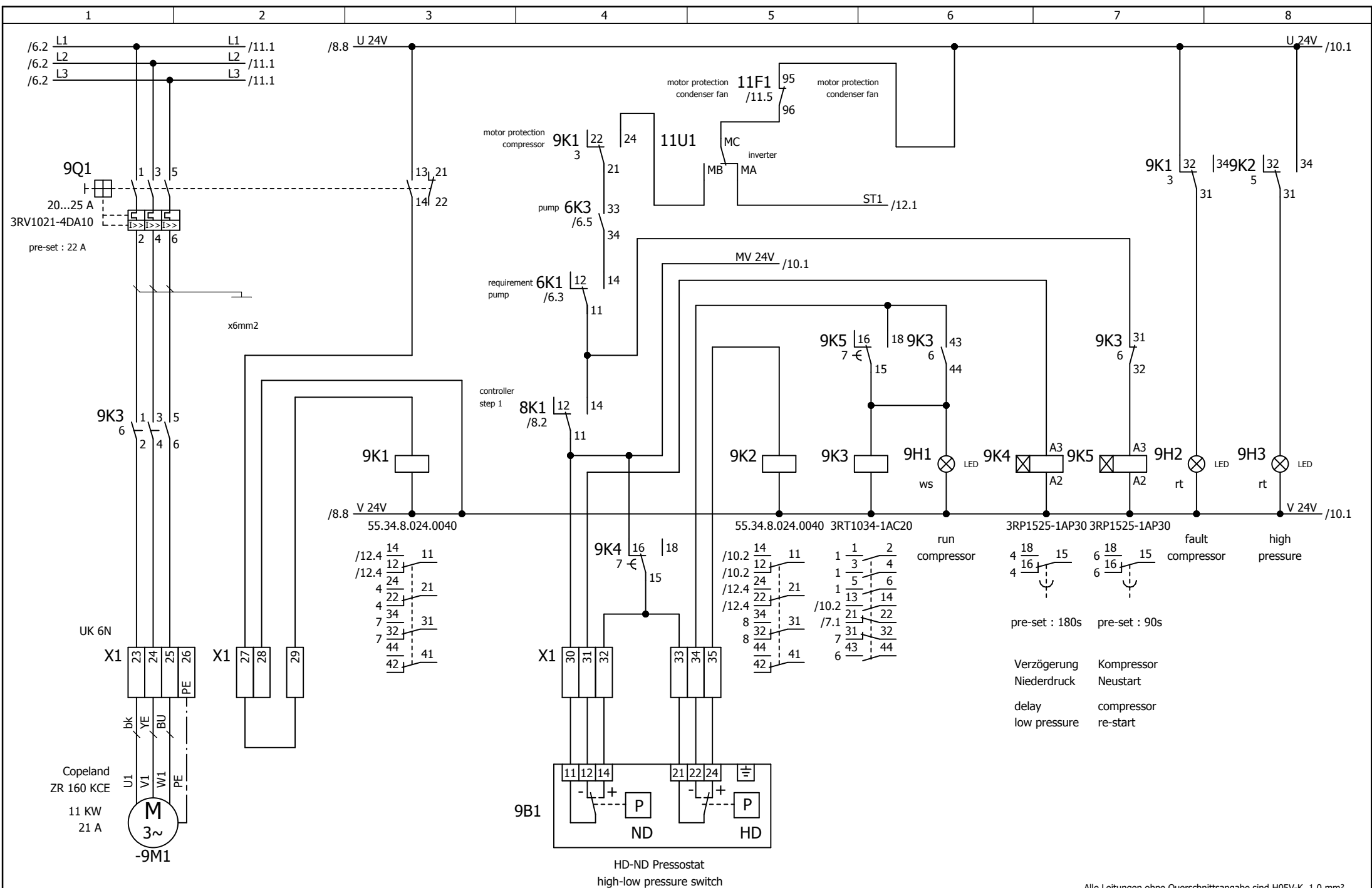


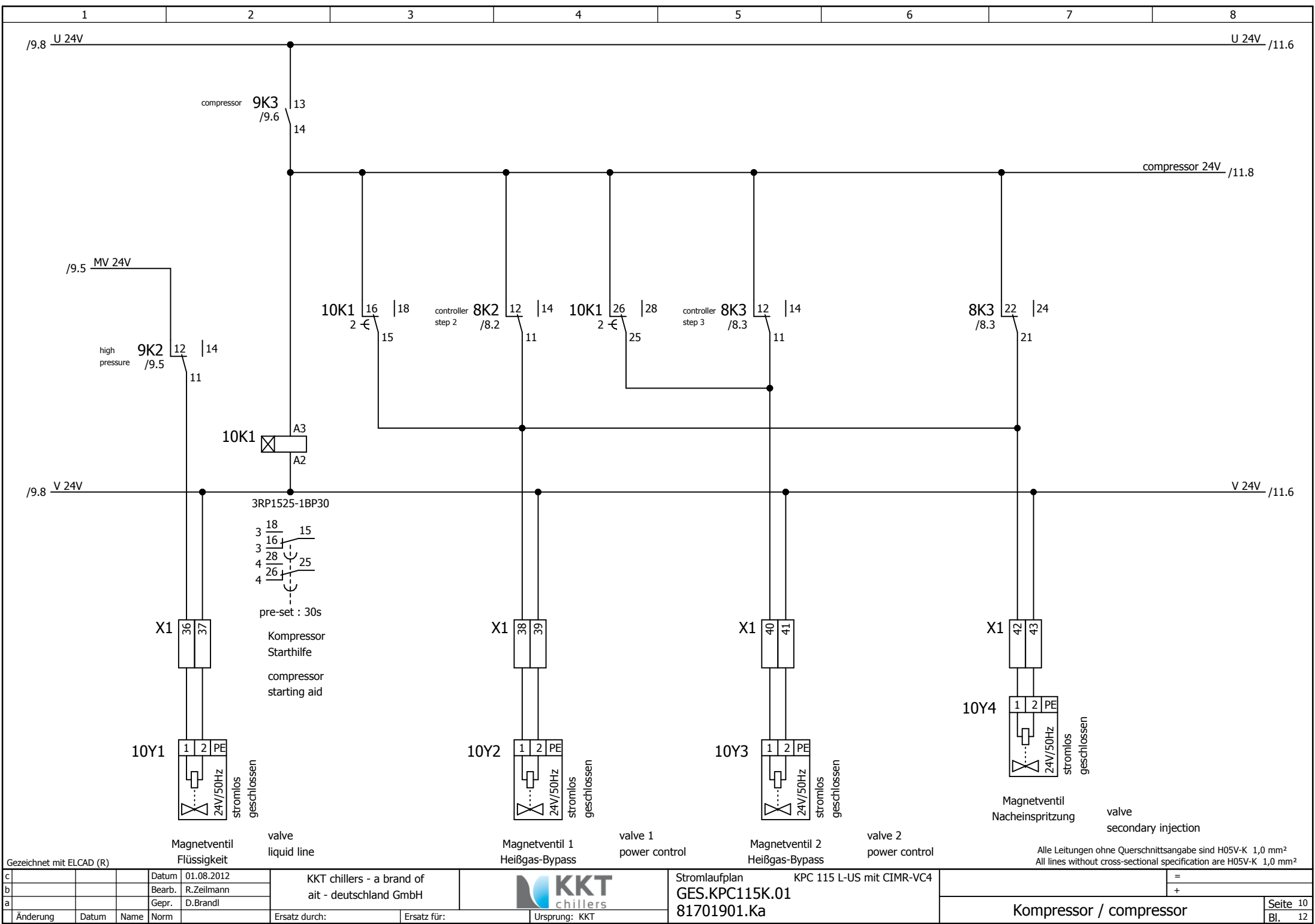


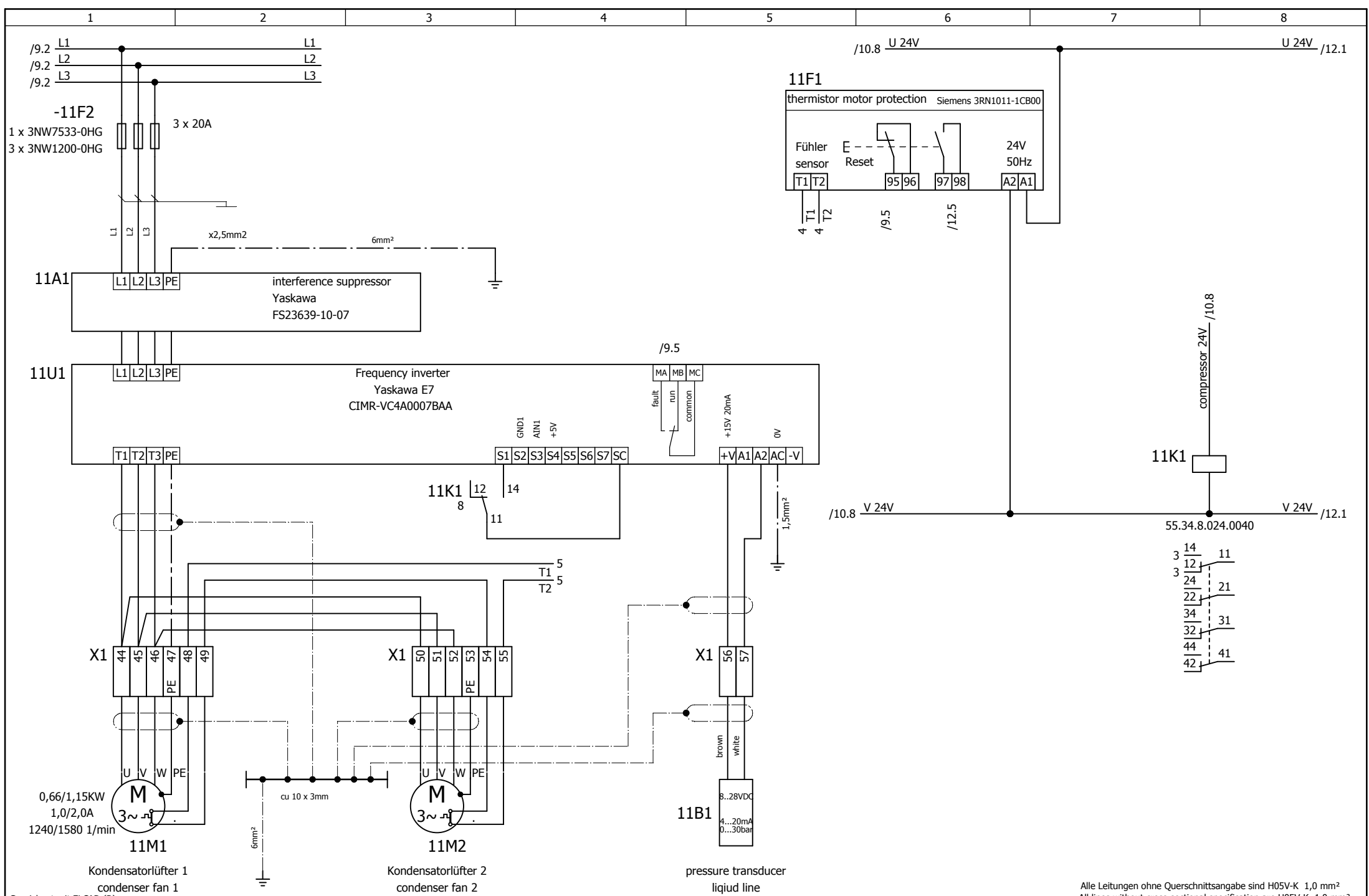












Alle Leitungen ohne Querschnittsangabe sind H05V-K 1,0 mm²
All lines without cross-sectional specification are H05V-K 1,0 mm²

