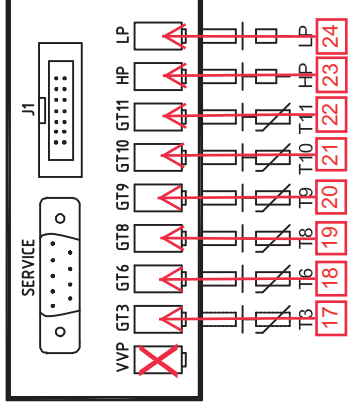


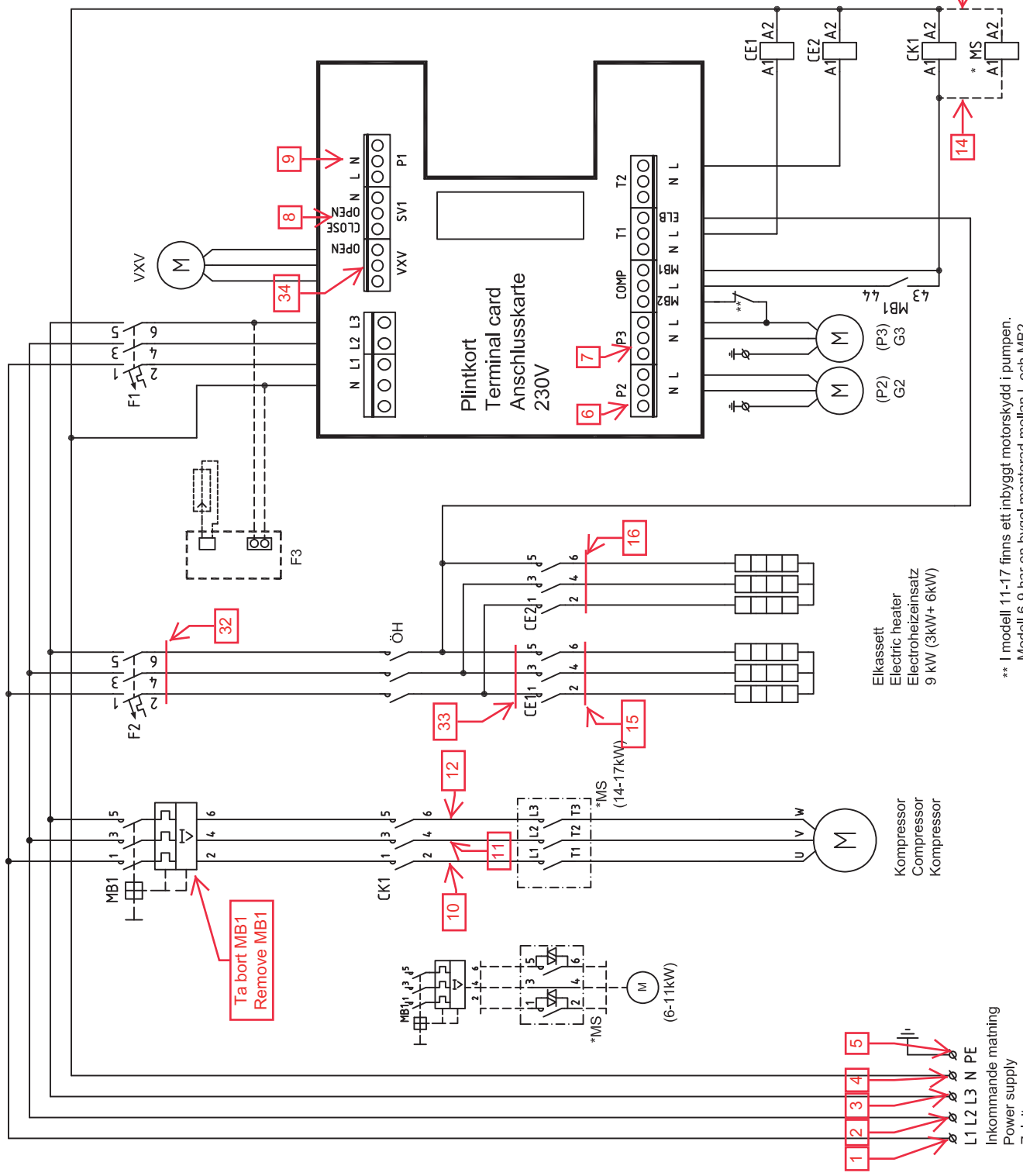
Givarkort interna anslutningar  
 Sensor Board internal couplings  
 Fühlerkarte interne Anschlüsse



- T3: Varmvatten C-serien/ Hot water C-series/ Warmvasser Reie C
- T6: Kompressor/ Compressor/ Kompressor
- T8: Värmebäare ut/ Heat transfer fluid out/ Wärmeträger aus
- T9: Värmebäare in/ Heat transfer fluid in/ Wärmeträger ein
- T10: Köldbäare in/ Heat transfer fluid (coll) in/ Kälteväger ein
- T11: Köldbäare ut/ Heat transfer fluid (coll) out/ Kälteväger aus

- HP: Pressostat hög/ High pressure switch/ Pressostat hoch
- LP: Pressostat läg/ Low pressure switch/ Pressostat niedrig

- MB1: Motorskydd kompressor/ Motor cutout compressor
- Motorskydd Kompressor
- CK1: Kontaktor kompressor/ Contactor compressor
- Skydd Kompressor
- CE1: Kontaktor elkassett 1/ Contactor electric heater 1/ Skydd Elektroheizeinsatz 1
- CE2: Kontaktor elkassett 2/ Contactor electric heater 2/ Skydd Elektroheizeinsatz 2
- F1: Automatsäkring värmepump/ Circuit breaker heatpump/ Sicherheitsautomat Wärmepumpe
- F2: Automatsäkring elkassett/ Circuit breaker electric heater/ Sicherheitsautomat Elektroheizeinsatz
- F3: Elanod, ändast C-serien med rostfri beredare, Safety anod, only C series with stainless hotwater cylinder
- ÖH: Överhettningsskydd elkassett/ Overheat cutout electric heater/ Überhitzungsschutz Elektroheizeinsatz
- \*MS: Mjukstart, tillbehör/ Softstarter, accesories/ Warmstart, Zubehören

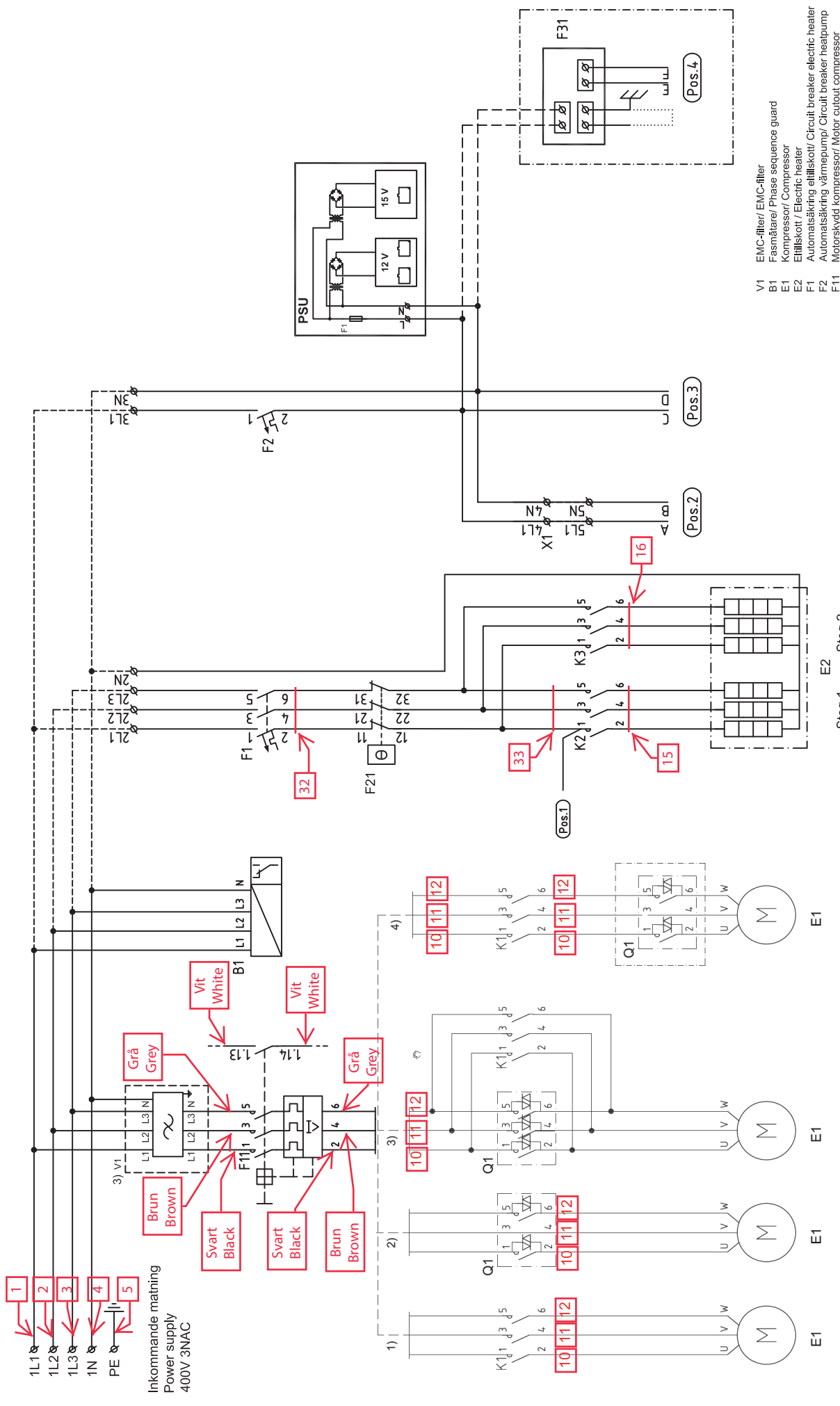


\*\* I modell 11-17 finns ett inbyggt motorskydd i pumpen.  
 Modell 6-9 har en bygel monterad mellan L och MB2

Model 11-17 has a built-in motorcutout in the pump.  
 Model 6-9 have a clamp fitted between L and MB2.

Modell 11-17 verfügt über einen integrierten Motorschutz in der Pumpe.  
 Bei den modellen 6-9 sind L und MB2 mit einer Brücke verbunden.

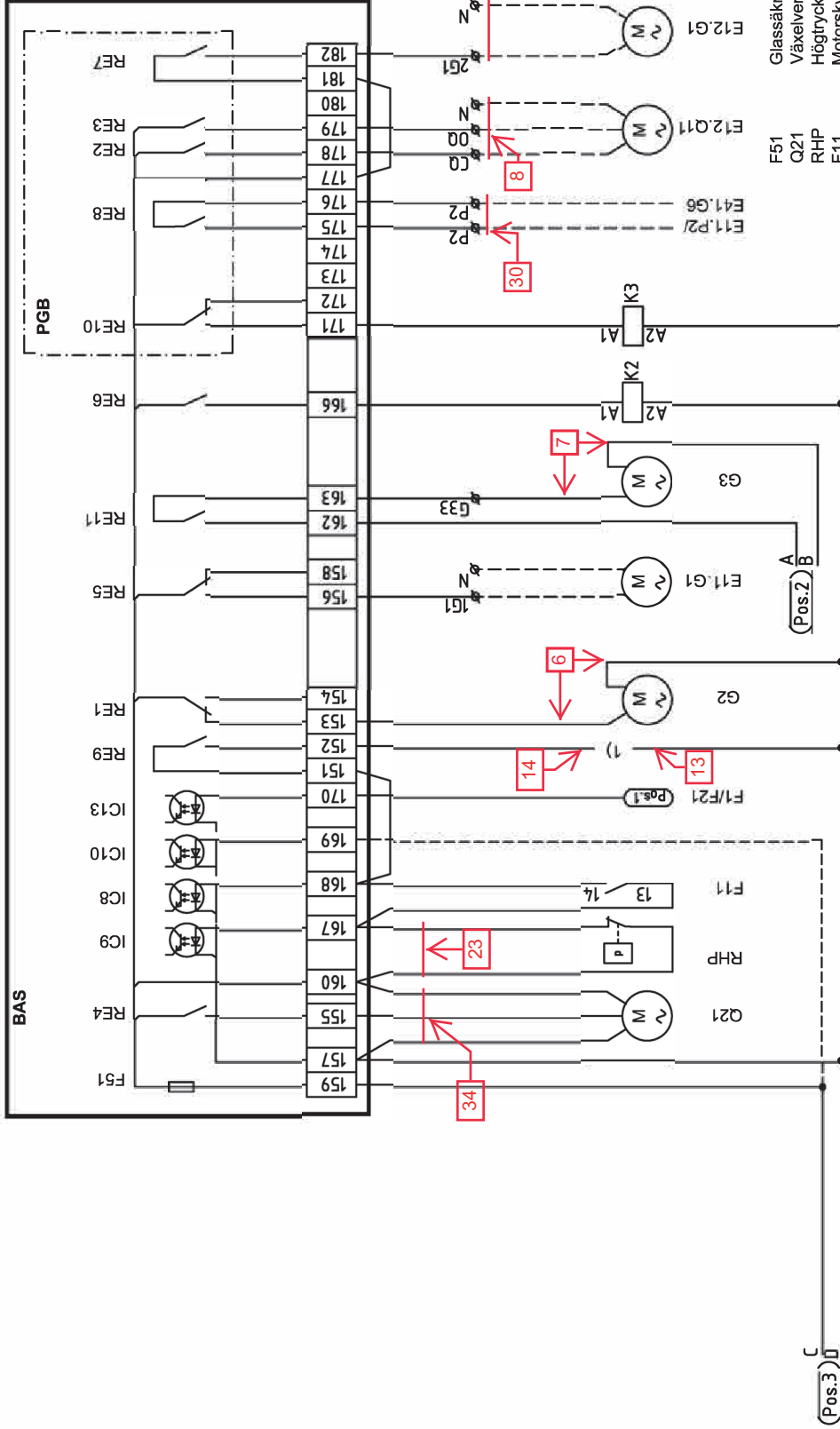




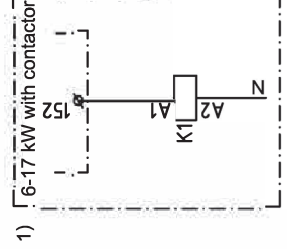
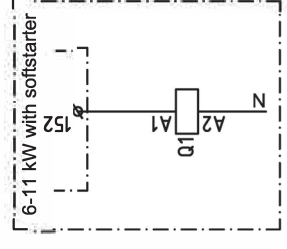
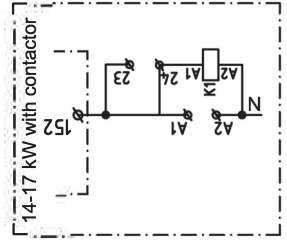
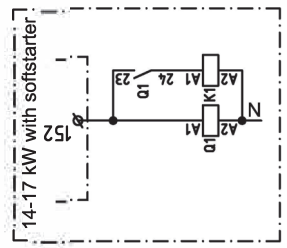
Inkommande matning  
Power supply  
400V 3NAC

- 1) Enbart kontaktor, leveransutförande
- 2) Enbart mjukstart MCI12
- 3) Mjukstart MCI30 med bypass-kontaktör
- 4) Kontaktör i serie med befintlig mjukstart monterad utanför ellådan.

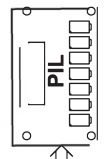
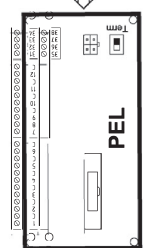
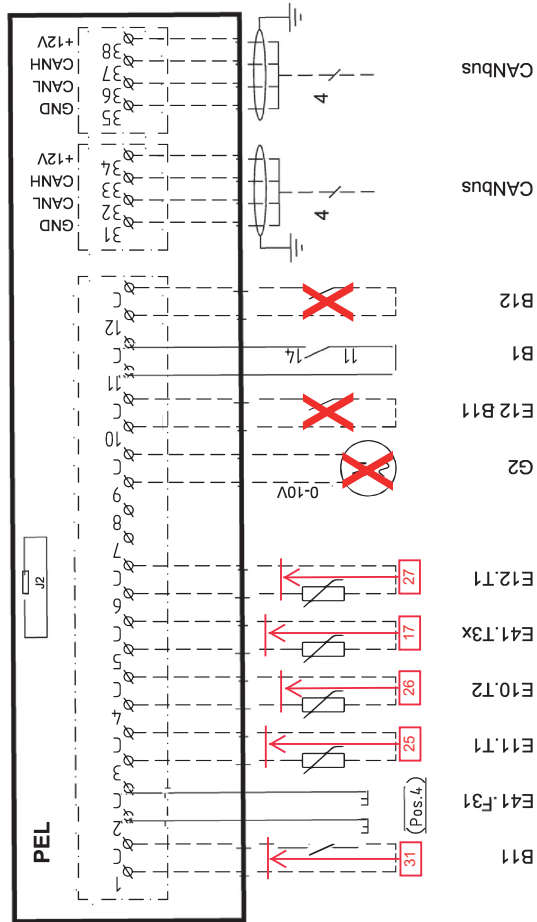
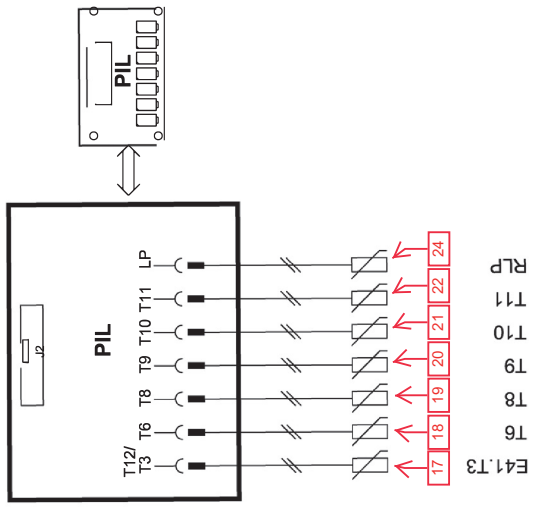
- V1 EMC-filtrer/ EMC-filter
- B1 Fasmatörer/ Phase sequence guard
- E1 Kompressor/ Compressor
- E2 Elektrisk sköld/ Electric heater
- F1 Automatsäkring/ Circuit breaker
- F2 Automatsäkring/ Circuit breaker
- F11 Motorskydd kompressor/ Motor cutout compressor
- F21 Överhettningsskydd elkassett/ Overheat cutout electric heater
- F31 Elanod, C-modell/ Safety anod, C-series
- K1 Kontaktör kompressor/ Contactor compressor
- K2 Kontaktör elpatron steg 1/ Contactor el heater step 1
- K3 Kontaktör elpatron steg 2/ Contactor el heater step 2
- Q1 Mjukstart/ Softstarter (Accessory)



- F51 Glassäkring 6,3A / Fuse 6,3A
- RE4 Växelventil / Three-way valve
- RE3 RE2 RE1 Högtryckspressostat / High pressure switch
- RE10 RE8 RE6 RE5 RE1 IC13 IC10 IC9 IC8 IC9 RHP Motorskydd Kompressor / Motor cutout compressor
- RE7 RE3 RE2 RE8 RE10 RE6 RE5 RE1 RE9 RE13 IC13 IC10 IC9 IC8 IC9 RE4 F51 Q21 Motorstart / Soft starter
- 182 181 180 179 178 177 176 175 174 173 172 171 166 163 162 158 156 154 153 152 151 170 169 168 167 160 155 157 159
- 25G1 E12.G1
- CG QD E12.Q11
- P2 E11.P2
- A2 A1 K3
- A2 A1 K2
- A2 A1 K1
- G3
- E11.G1
- G2
- F1/F21
- RHP
- Q21
- E11.P2
- E12.Q11
- E12.G1
- E11.G1
- G2
- G3
- K2
- K3
- E11.P2
- E41.G6
- E12.Q11
- E12.G1

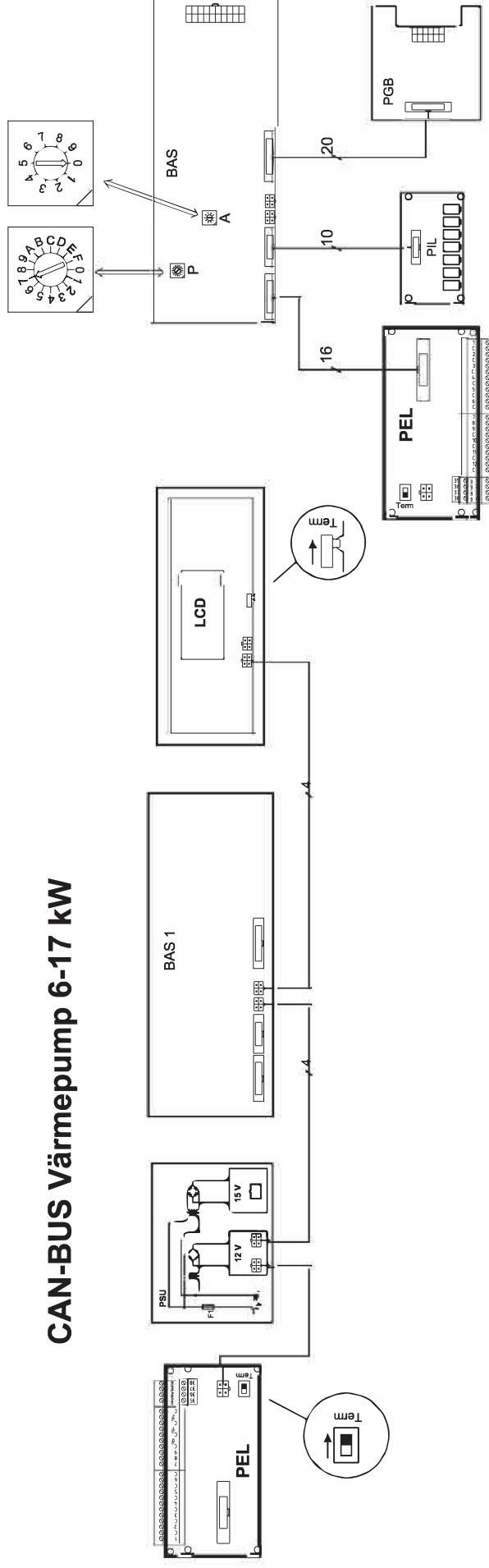


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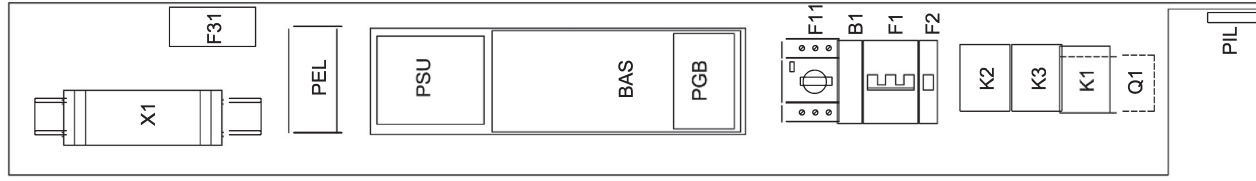
- B11 Externingsång 1/ External 1
- E41.F31 Larm elanod/ Alarm safety anod
- E11.T1 Framledning / Flow heating
- E10.T2 Ute / Outdoor
- E41.T3x Varmvatten E-modell / Hot water E-series
- E12.T1 Framledning mix.värme/rets/ Flowtemp mix.heating circuit
- G2 Värmebärarpump / Circulation pump heat transfer fluid
- E12.B11 Externingsång 3/ External 3
- B1 Larm fasmätare/ Alarm Phase sequence guard
- B12 Externingsång 2/ External 2
- E41.T3 Varmvatten C-modell/ Hot water C-series
- T6 Hetgas/ Compressor
- T8 Värmebärare ut/ Heat transfer fluid out
- T9 Värmebärare in/ Heat transfer fluid in
- T10 Köldbärare in/ Heat transfer fluid (coll) in
- T11 Köldbärare ut/ Heat transfer fluid (coll) out
- RLP Pressostat låg/ Low pressure switch

# CAN-BUS Värmepump 6-17 kW

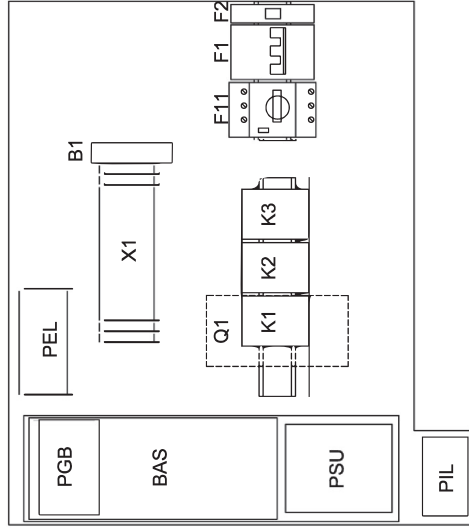


REGO1000

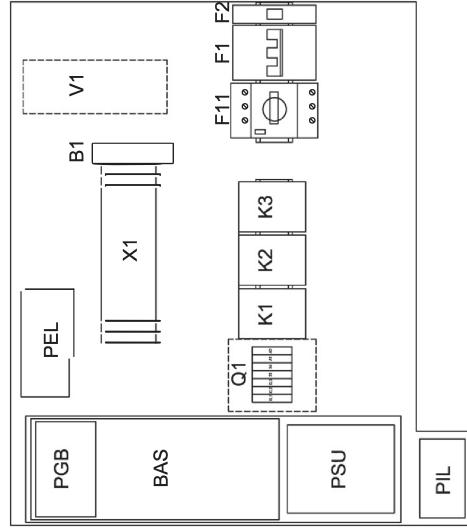
**C-modell 6-11kW**



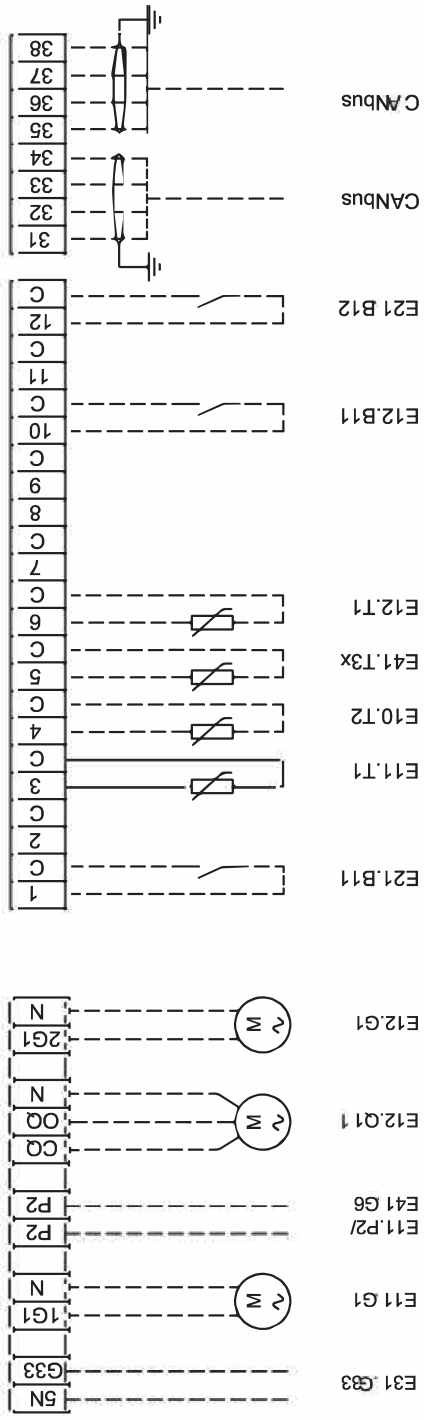
**E-modell 6-11kW**



**E-modell 14-17kW**



- B1 Fasmätare / Phase sequence guard
- F1 Automatsäkring ettillskott / Circuit breaker electric heater
- F2 Automatsäkring värmepump / Circuit breaker heatpump
- F11 Motorskydd kompressor / Motor cutout compressor
- K1 Kontaktor kompressor / Contactor compressor
- K2 Kontaktor elpatron steg 1 / Contactor electrical heater step 1
- K3 Kontaktor elpatron steg 2 / Contactor electrical heater step 2
- Q1 Mjukstart / Softstarter
- V1 EMC-filter / EMC-filter
- X1 Plintrad / Terminals
- BAS Kretskort / Circuit board
- PGB Kretskort / Circuit board
- PIL Kretskort / Circuit board
- PEL Kretskort / Circuit board
- PSU Kretskort / Circuit board
- F31 Kretskort / Circuit board



- E31.G33 Manöversignal cirk.pump grundvatten/ Control signal  
circulation pump ground water
- E11.G1 Cirk.pump krets 1/ Circulation pump circuit 1
- E11.P2 Sömmalarm/ General alarm
- E41.G6 Cirk.pump varmvatten/ Hot water circulation pump
- E12.Q11 Blandningsventil/ Mixing valve
- E12.G1 Cirk.pump krets 2/ Circulation pump circuit 2
- B11 Externgång 1/ External 1
- E11.T1 Framledning / Flow heating
- E10.T2 Ute / Outdoor
- E41.T3x Varmvatten E-modell / Hot water E-series
- E12.T1 Framledning mix.värme/ Flowtemp mix. heating circuit
- E12.B11 Externgång 3/ External 3
- B12 Externgång 2/ External 2