

INTELLISYS

ELECTRIC SCHEMATICS



DESIGNATION : CARTE CB12 / TARJETA CB12
CB12 CARD / CARTA CB12

Impedance adaptation RS 485
RS 485 adaptacion de impedancia

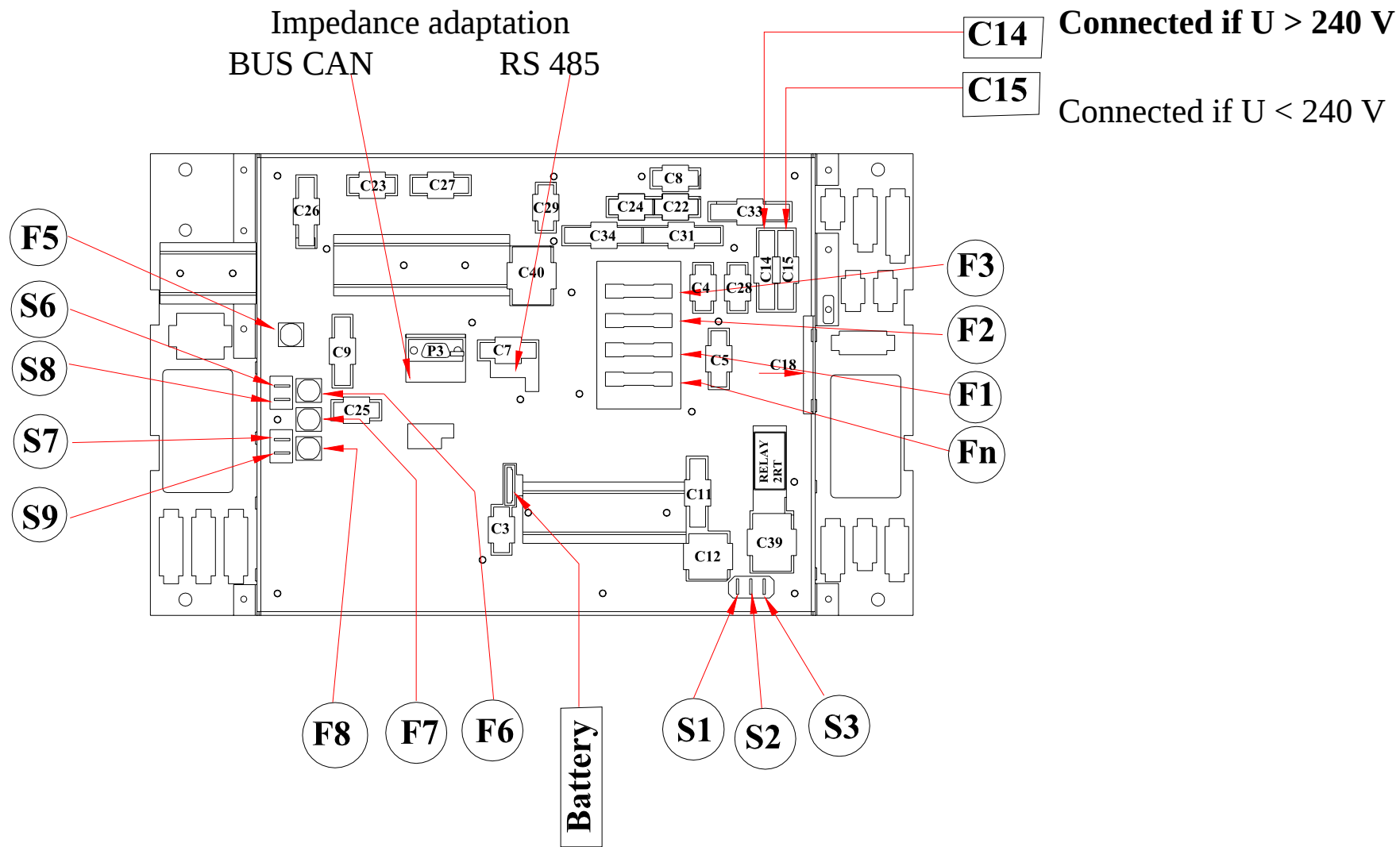
Pile / Cell / Pila / Pilha

Fn	Fusible 12.5A/500Vac - 6.3x32 - Protection Neutre Fuse 12.5/500Vac - 6.3x32 - Control Neutral Fusible 12.5A/500Vac - 6.3x32 - Proteccon Neutro XXXX
F1	Fusible 12.5A/500Vac - 6.3x32 - Protection Phase 1 Fuse 12.5/500Vac - 6.3x32 - Control Phase 1 Fusible 12.5A/500Vac - 6.3x32 - Protectione fase 1 XXXX
F2	Fusible 12.5A/500Vac - 6.3x32 - Protection Phase 2 Fuse 12.5/500Vac - 6.3x32 - Control Phase 2 Fusible 12.5A/500Vac - 6.3x32 - Protection Phase 2 XXXX
F3	Fusible 12.5A/500Vac - 6.3x32 - Protection Phase 3 Fuse 12.5/500Vac - 6.3x32 - Control Phase 3 Fusible 12.5A/500Vac - 6.3x32 - Proteccon fase 3 XXXX
F5	Fusible 10A/250Vac - 5x20 - Protection +BATTERIE Fuse 10A/250Vac - 5x20 - Control + Battery Fusible 10A/250Vac - 5x20 - Protection +BATTERIA XXXX
F6	Fusible 1A/250Vac - 5X20 - Protection Alimentation Module N°3 Fuse 1A/250Vac - 5x20 - Control Supply Module N°3 Fusible 1A/250Vac - 5X20 - Proteccon Alimentacion Modulo N°3 XXXX
F7	Fusible 2.5A/250Vac - 5X20 - Protection Carte CB/CB1/CB12 Fuse 2.5/250Vac - 5X20 - Control supply Card CB/CB1/CB12 Fusible 2.5A/250Vac - 5X20 - Proteccon Tarjeta CB/CB1/CB12 XXXX
F8	Fusible 1A/250Vac - 5X20 - Protection Alimentation Module N°4 Fuse 1/250Vac - 5X20 - Control Supply Module N°4 Fusible 1A/250Vac - 5X20 - Proteccon Alimentacion Modulo N°4 XXXX

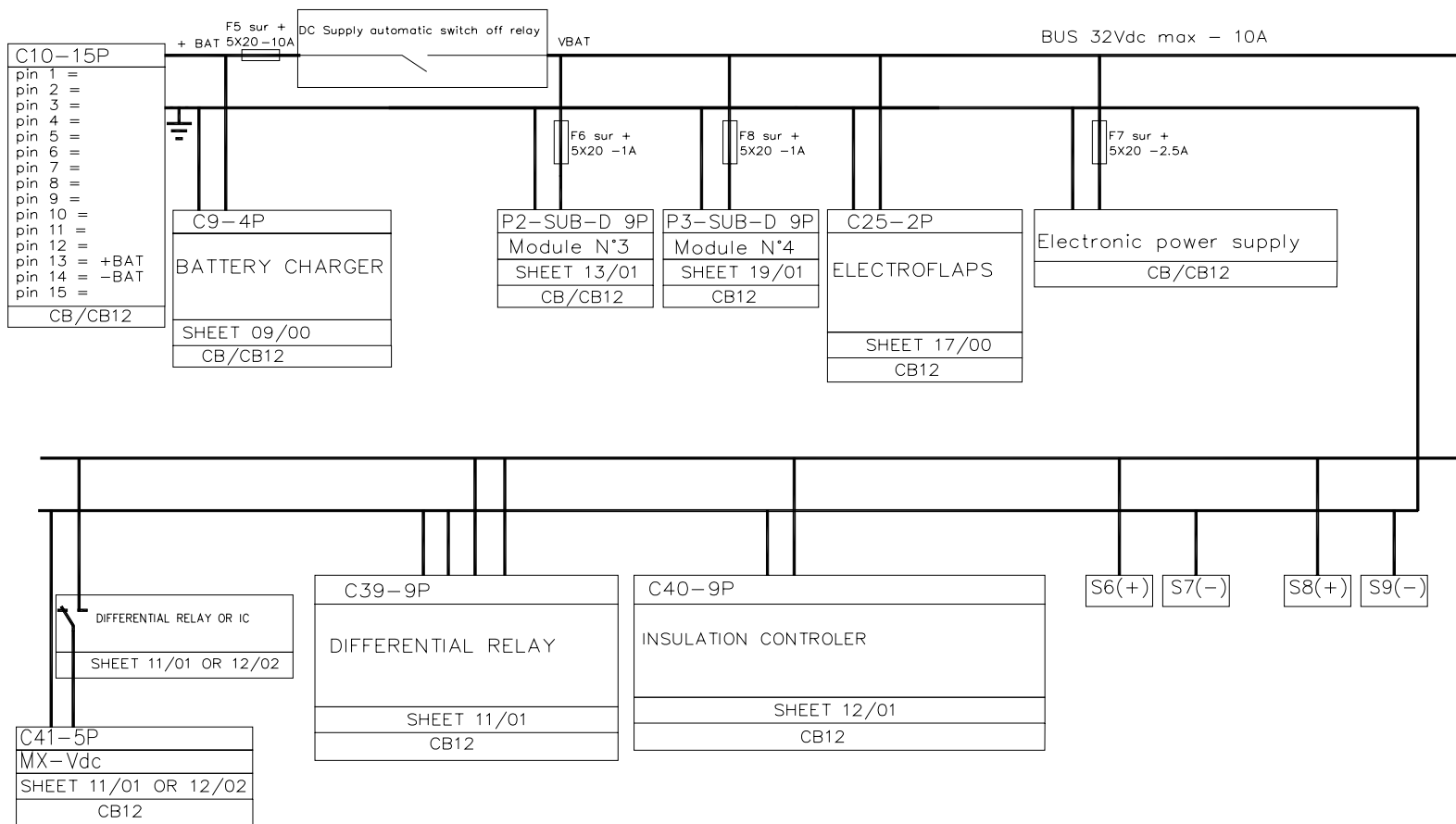
R3000

DATE.
30/10/00

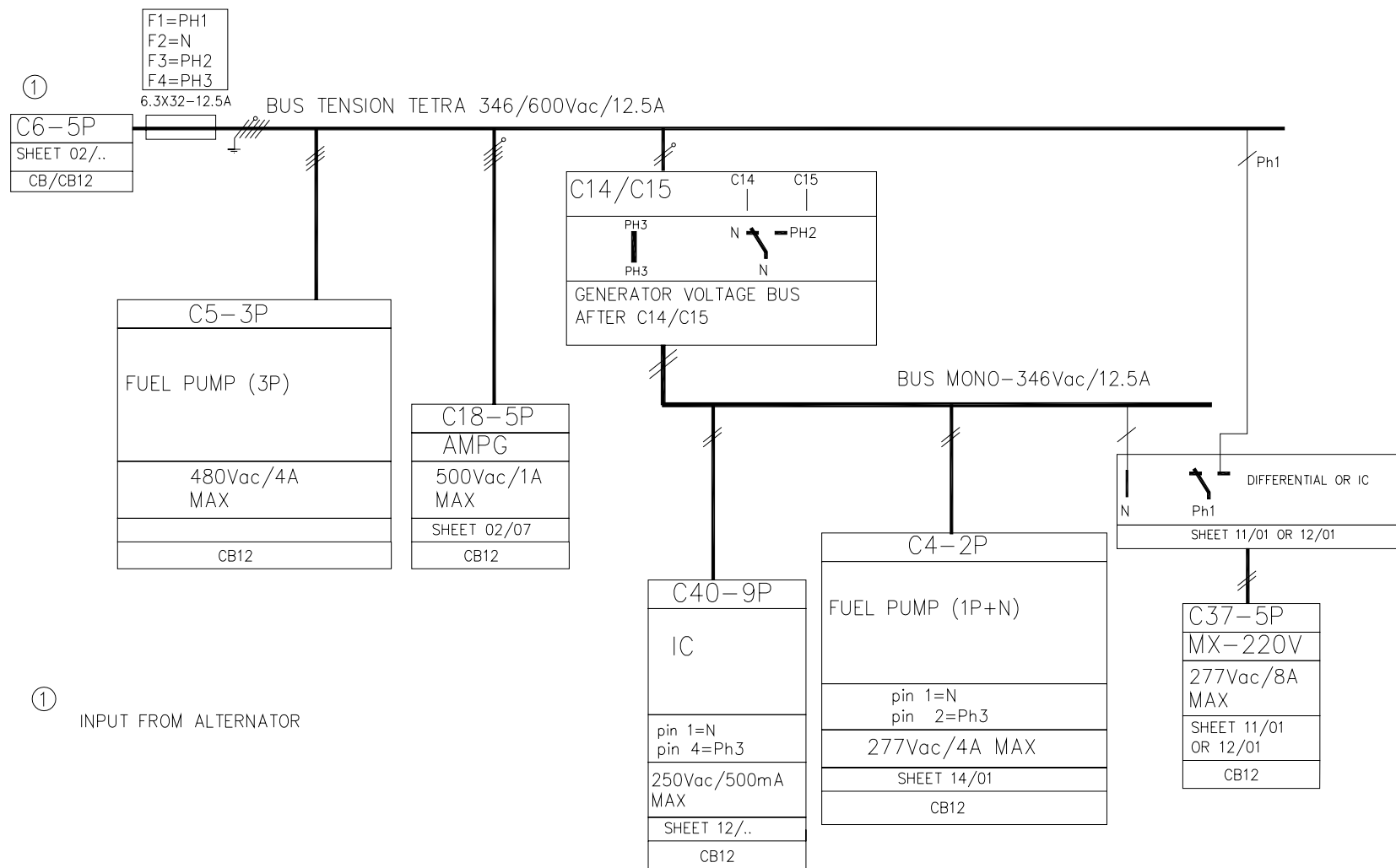
IND.	FOLIO
A	CB12



CB12 Front

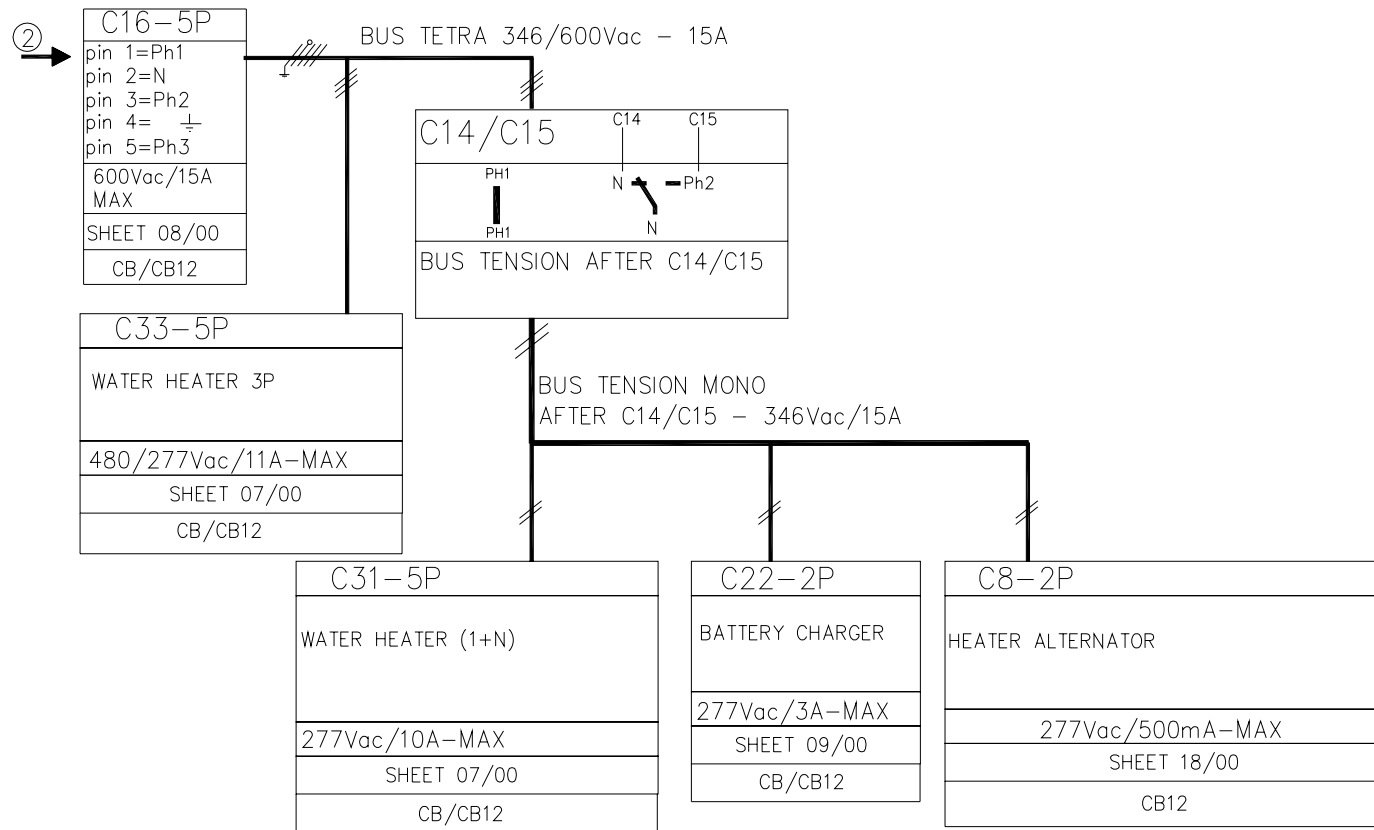


DC input / circuit CB12



Alternator input / circuit CB12

MAINS INPUT VIA B16



Mains input / circuit CB12

Main Alternator supply voltage

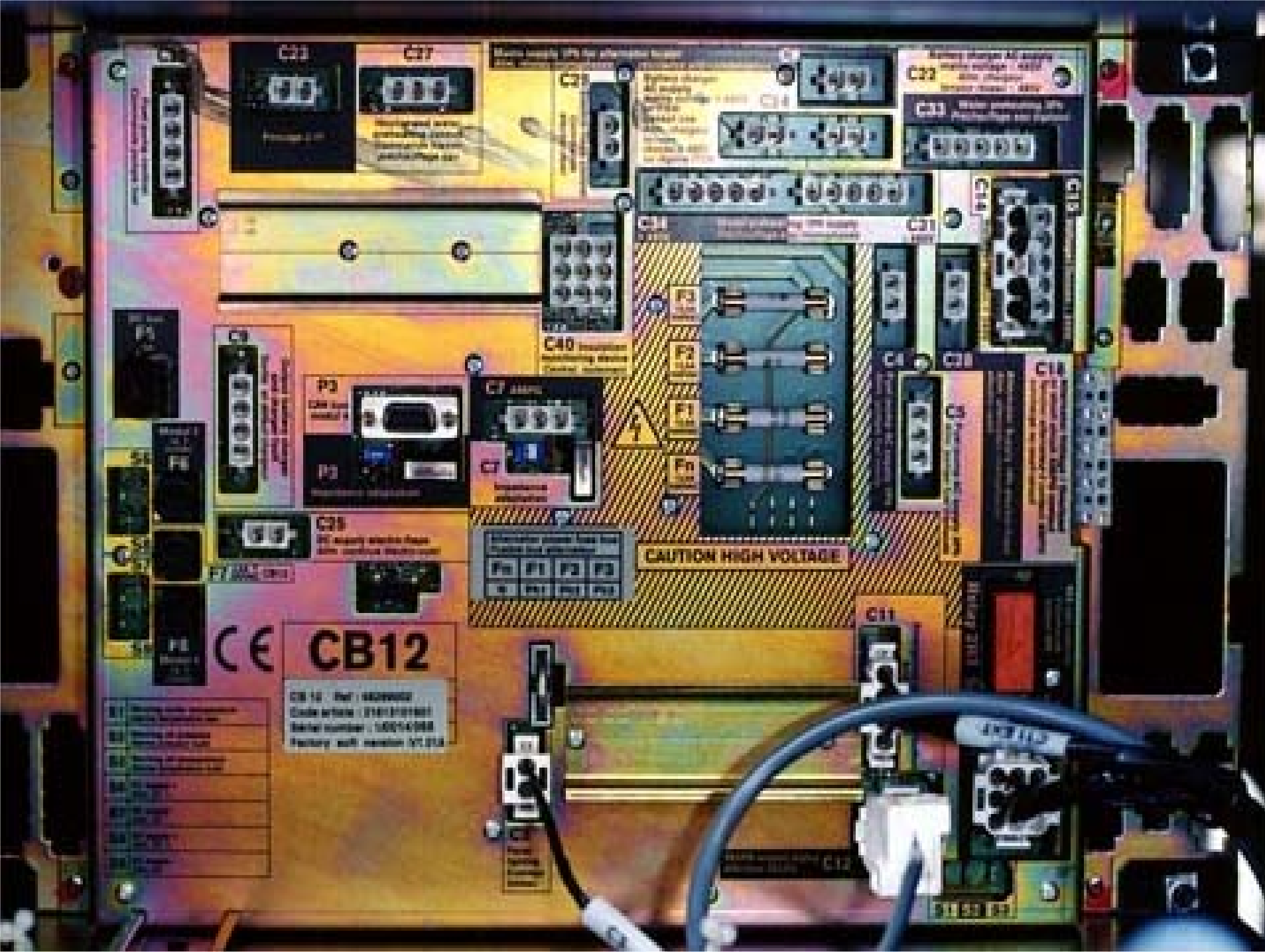
Fuses

Protection of internal circuitry

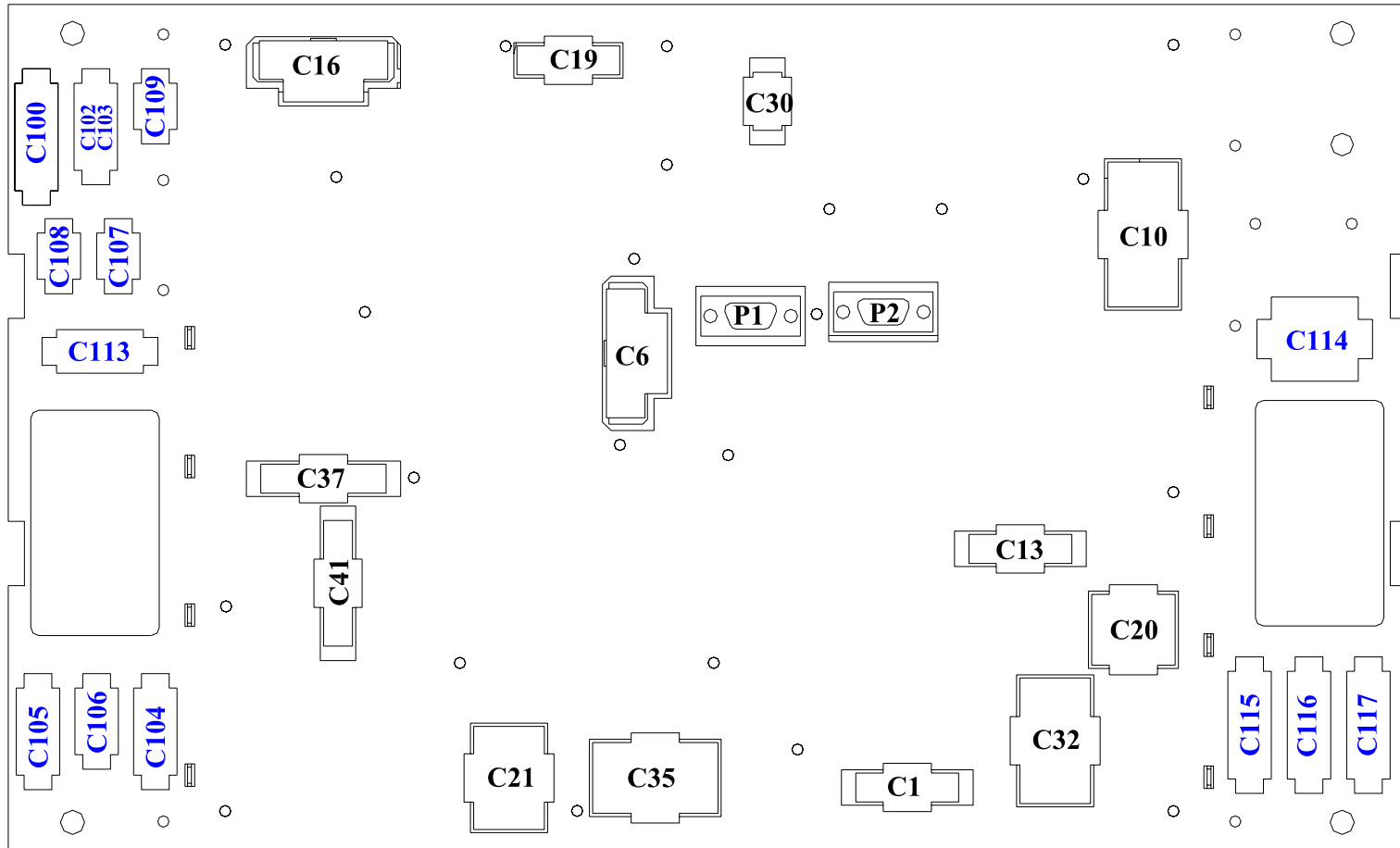
- F_n: 12.5 A/500V_{ac} Neutral
- F₁: 12.5A/500V_{ac} Phase 1
- F₂: 12.5A/500V_{ac} Phase 2
- F₃: 12.5A/500V_{ac} Phase 3

Fuses General

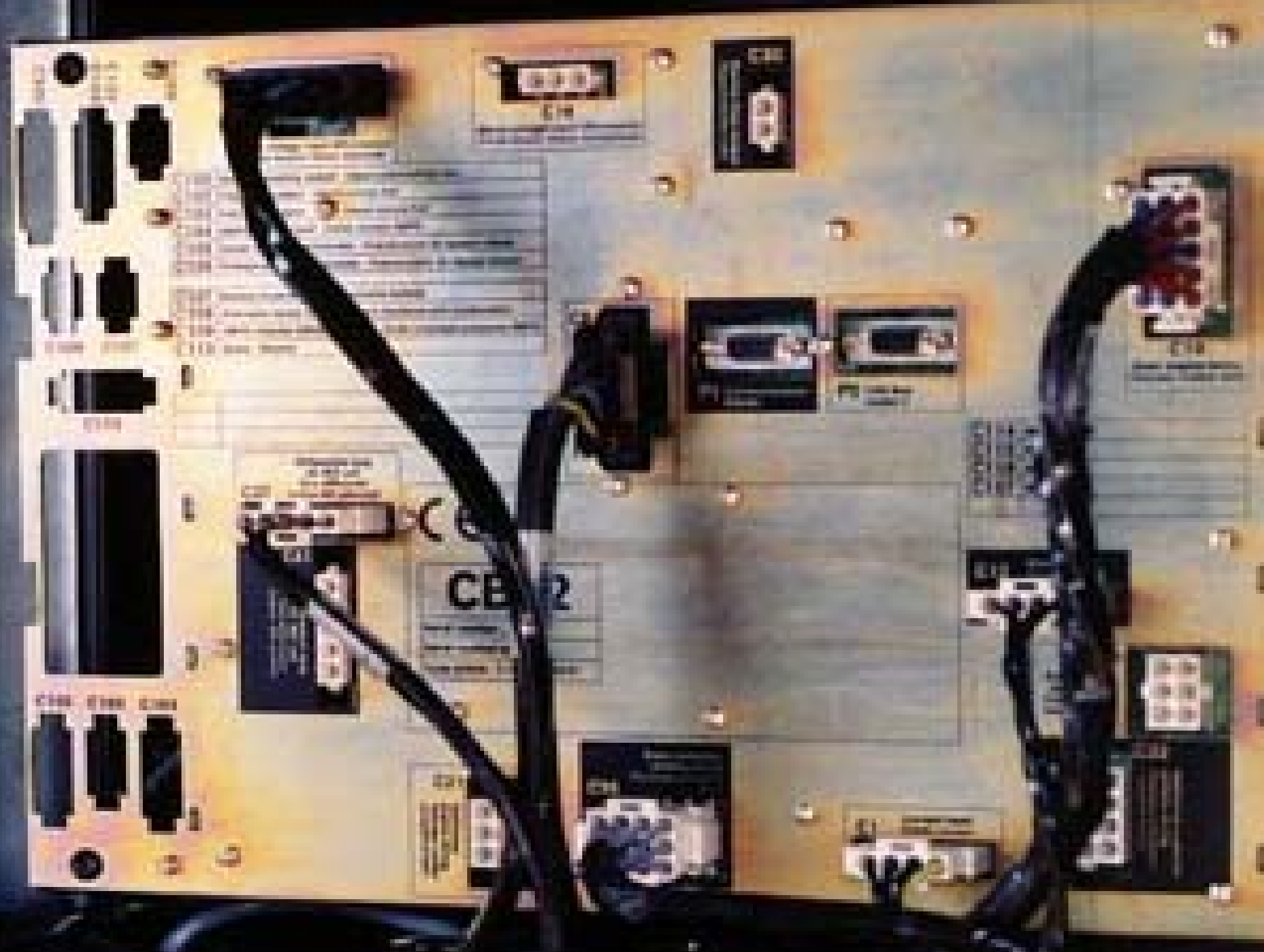
- F5: 10A/250Vac Battery + feed to board
- F6: 1A/250Vac Module 3 supply
- F7: 2.5A/250Vac CB12 internal circuit feed
- F8: 1A/250Vac Module 4 supply

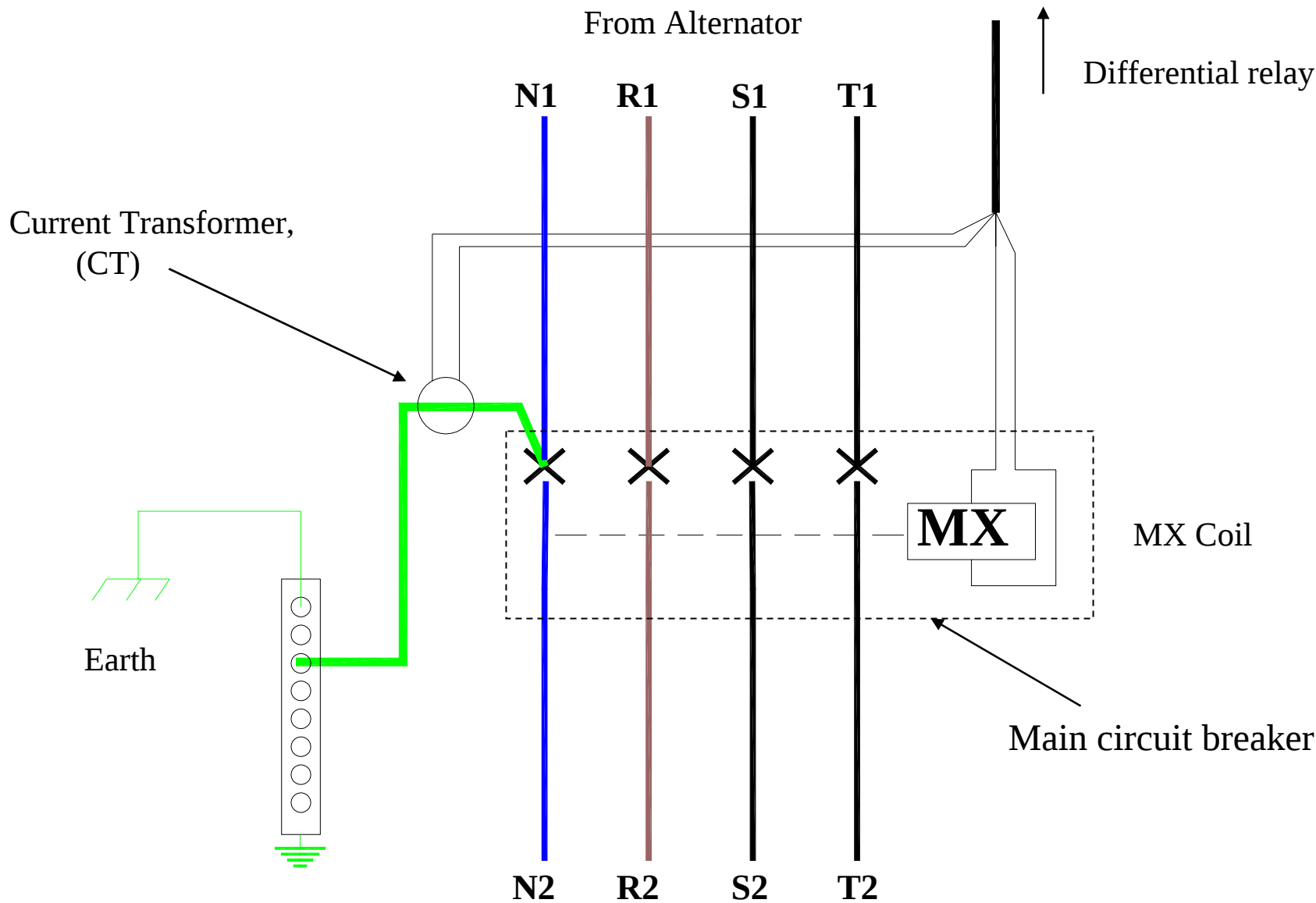


Apertures - Harness passes through. No electrical contact with CB12

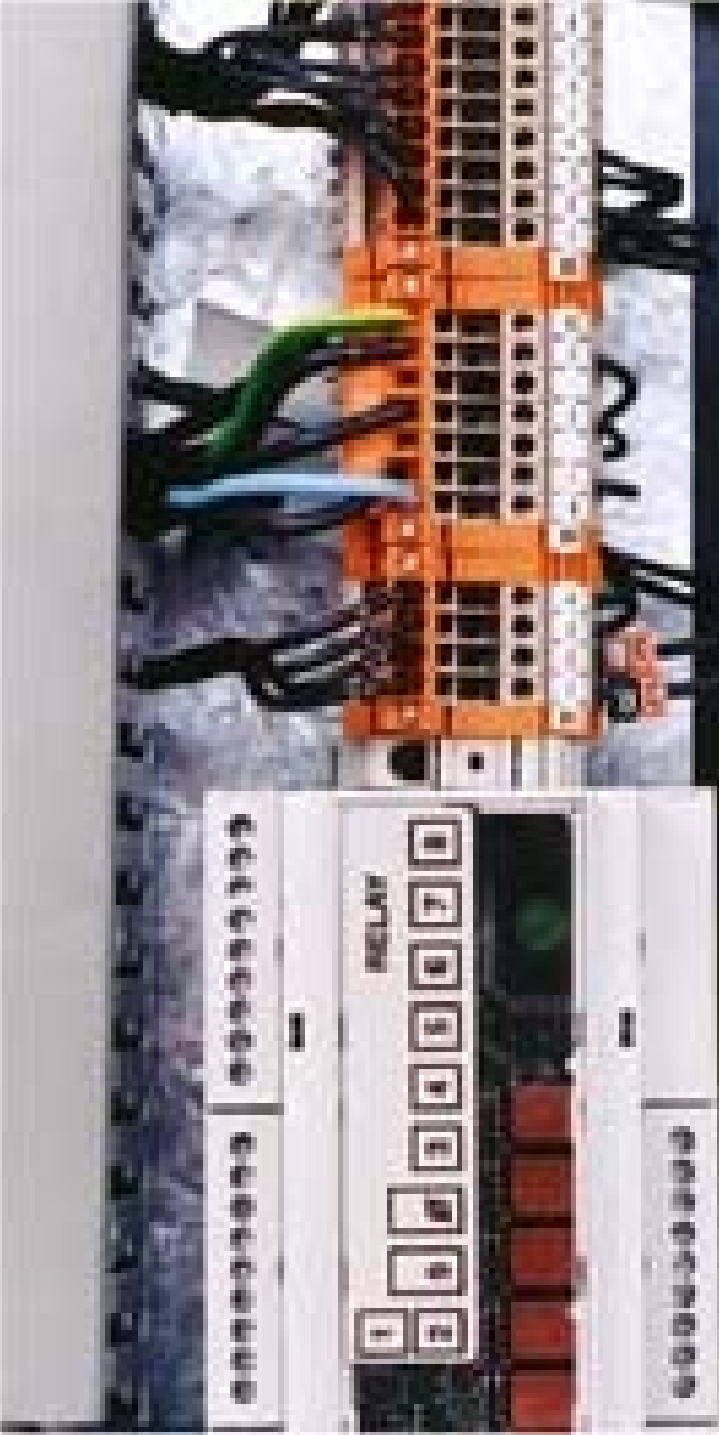


CB12 - Rear

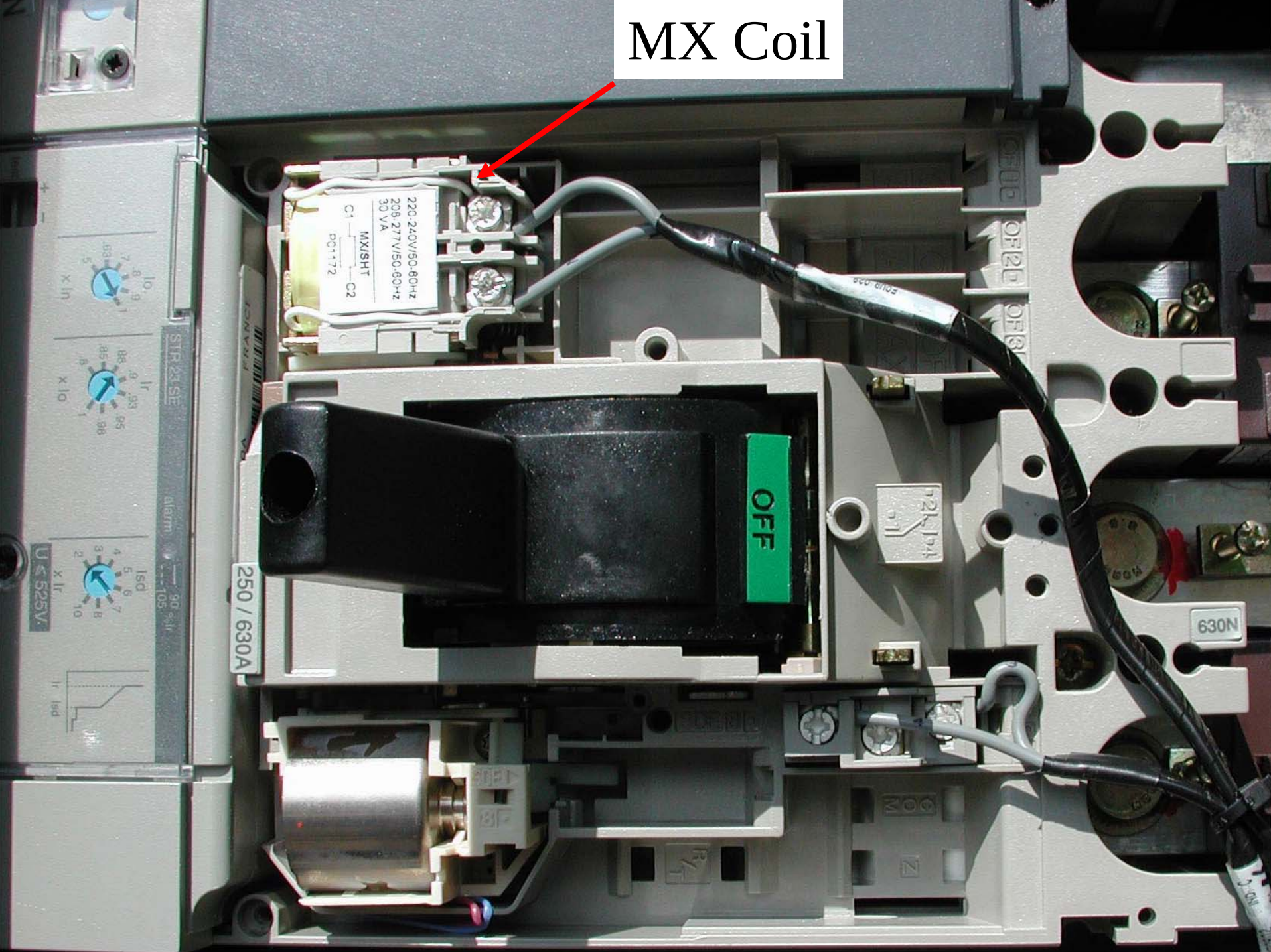


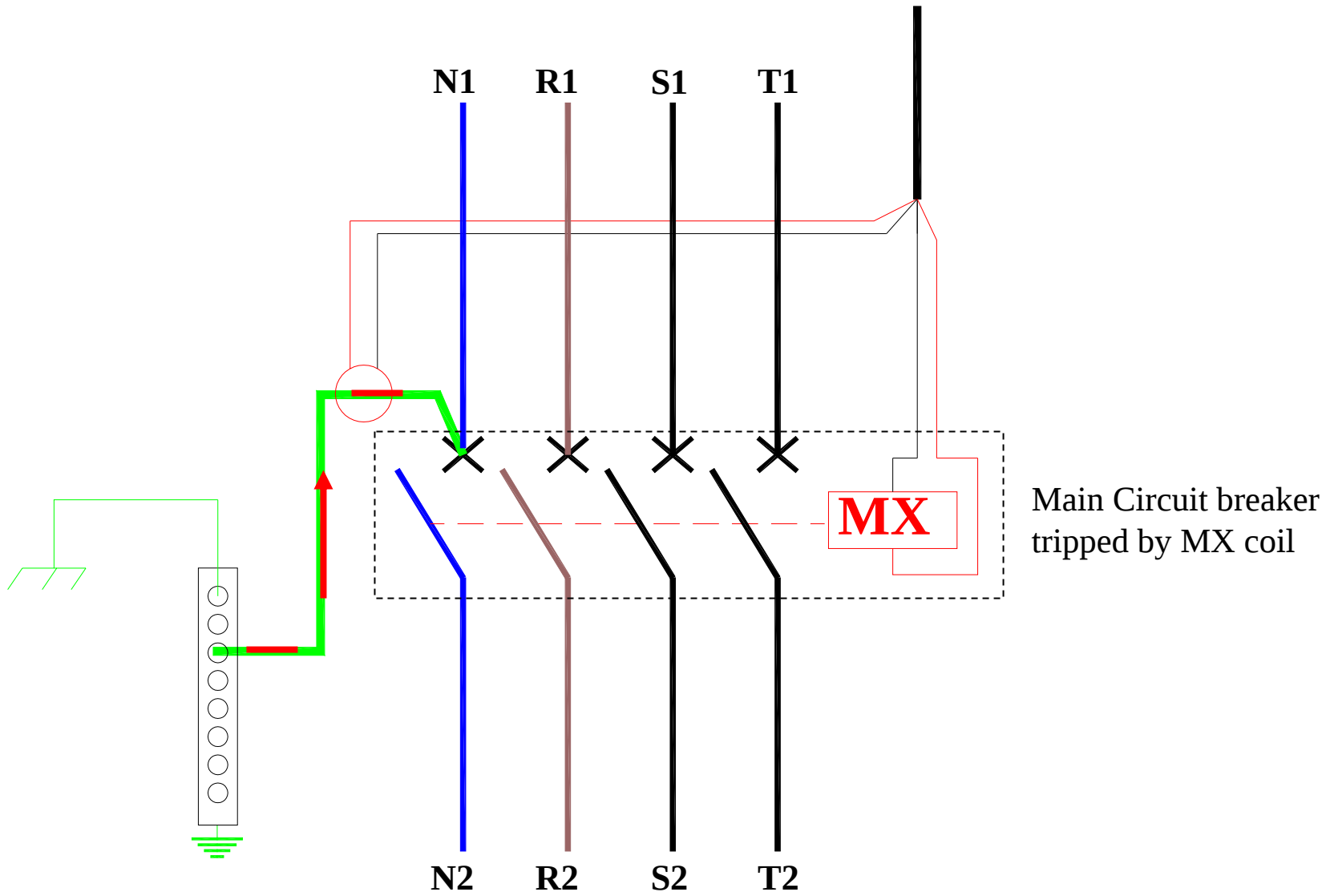


TT - Earth Neutral regime



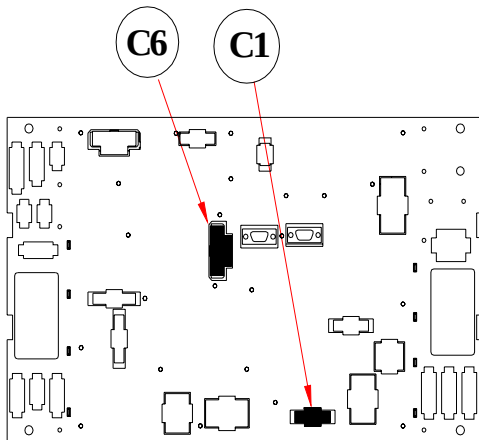
MX Coil



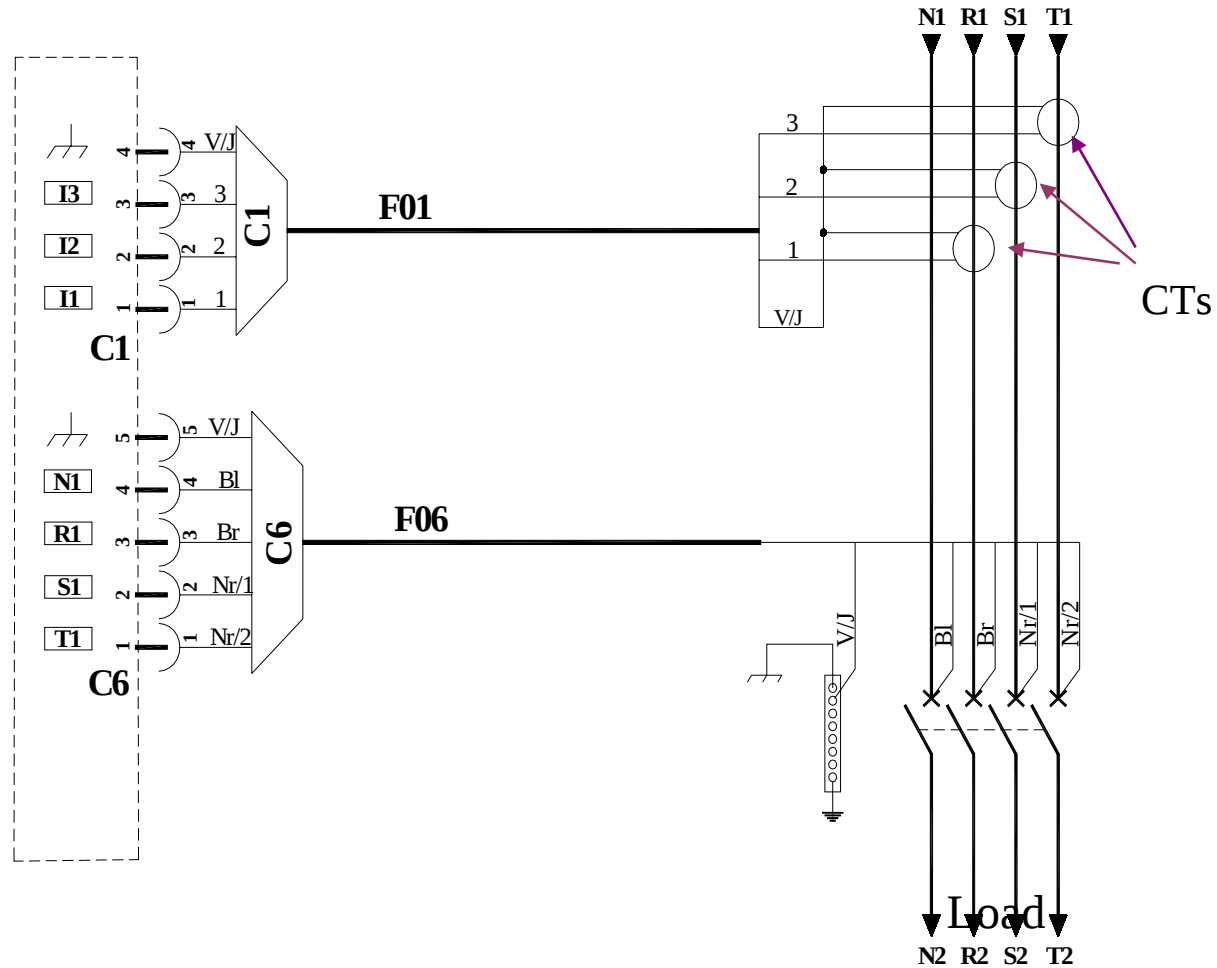


Earth leakage fault

CB12 Rear

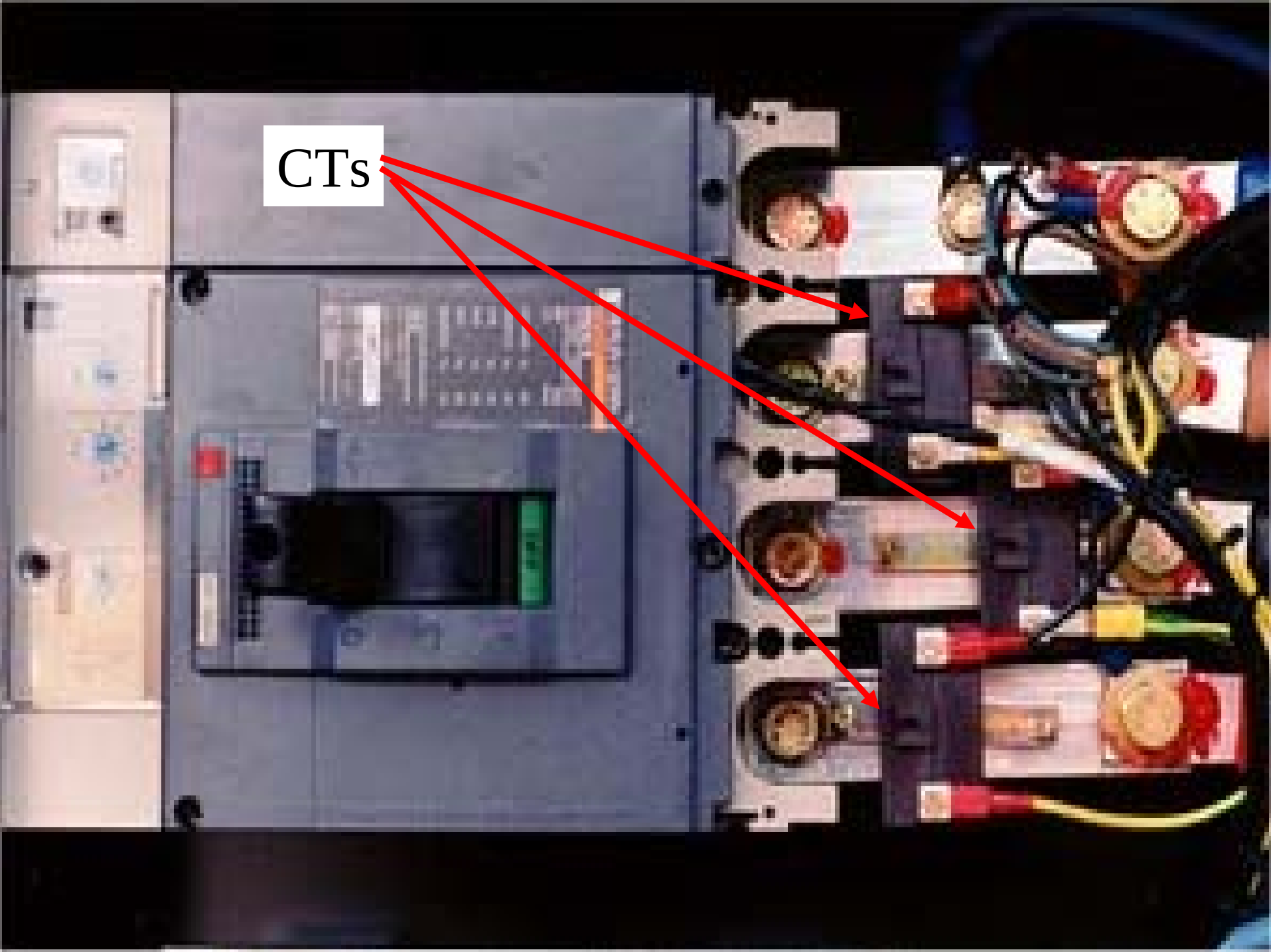


CB12

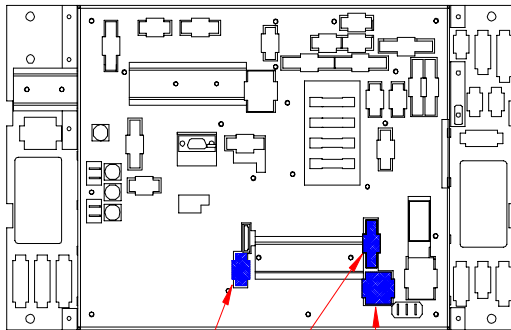


Current & Voltage measurement

CTs

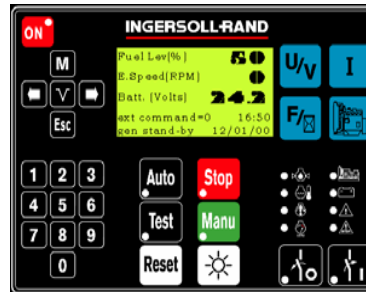


CB12 Front

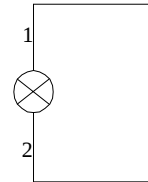


Base Standard

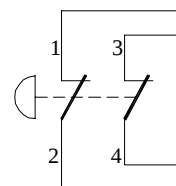
Display panel



Panel light

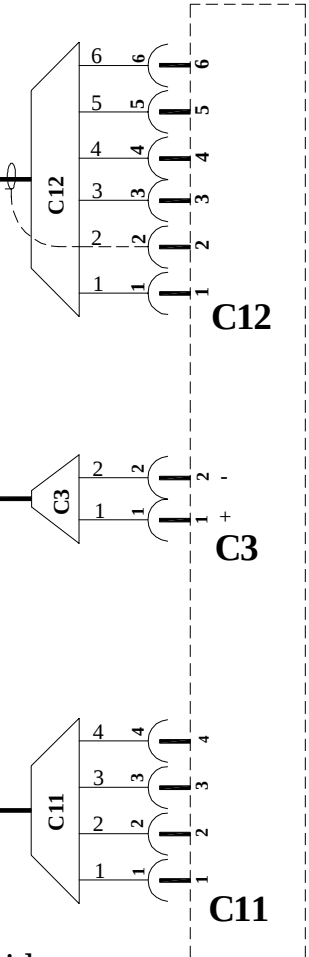


Emergency stop



Pins 1 & 2 cut fuel solenoid
Pins 3 & 4 inform CB12

CB12

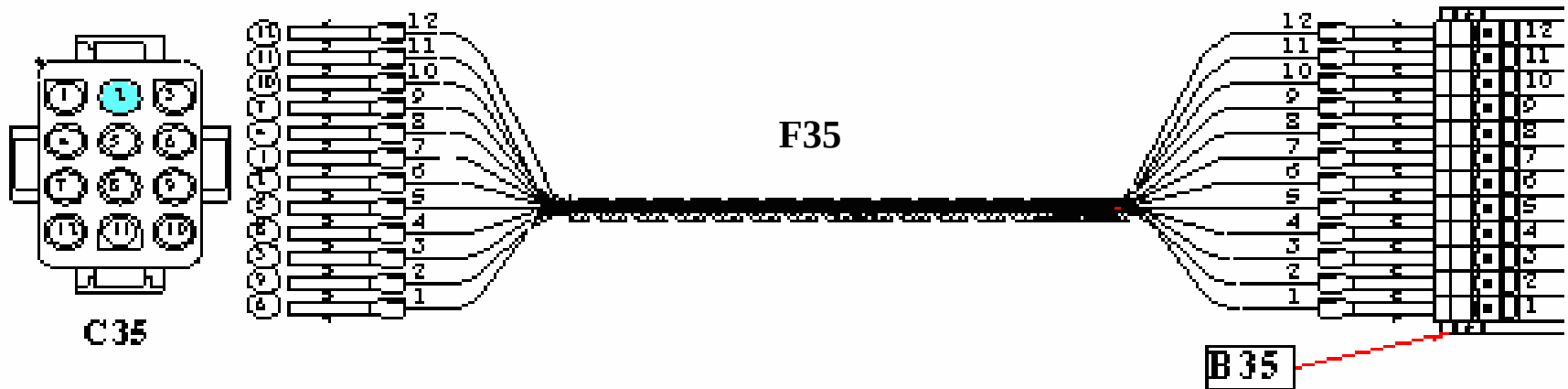


GenPower
Source

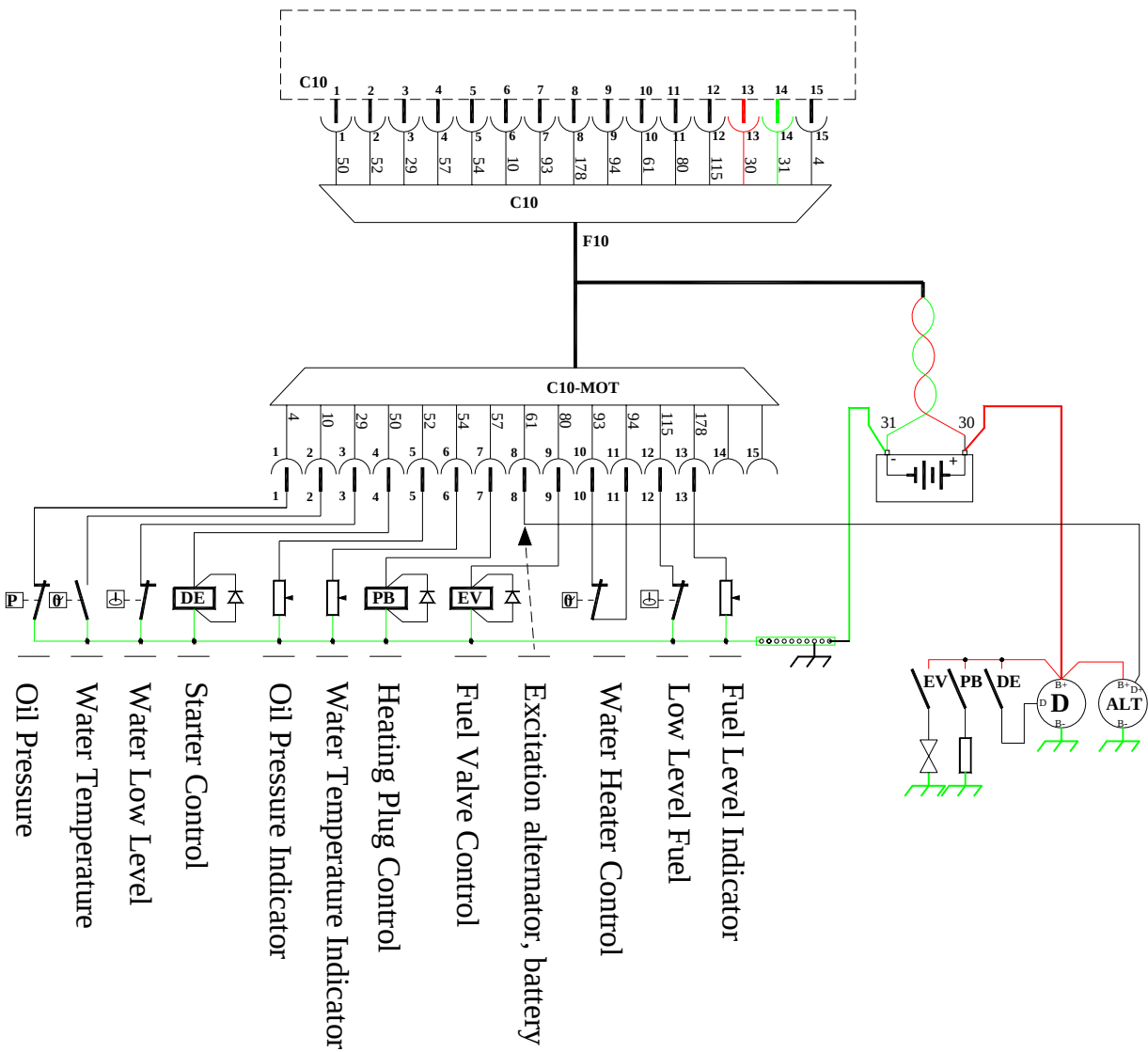
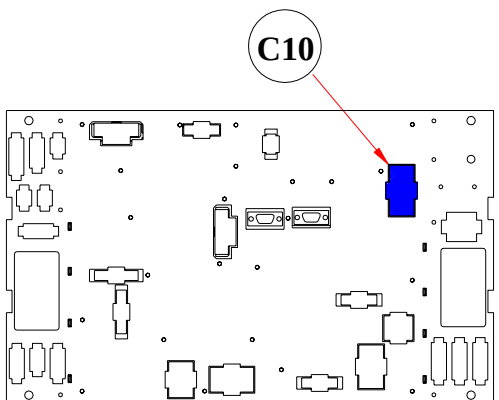


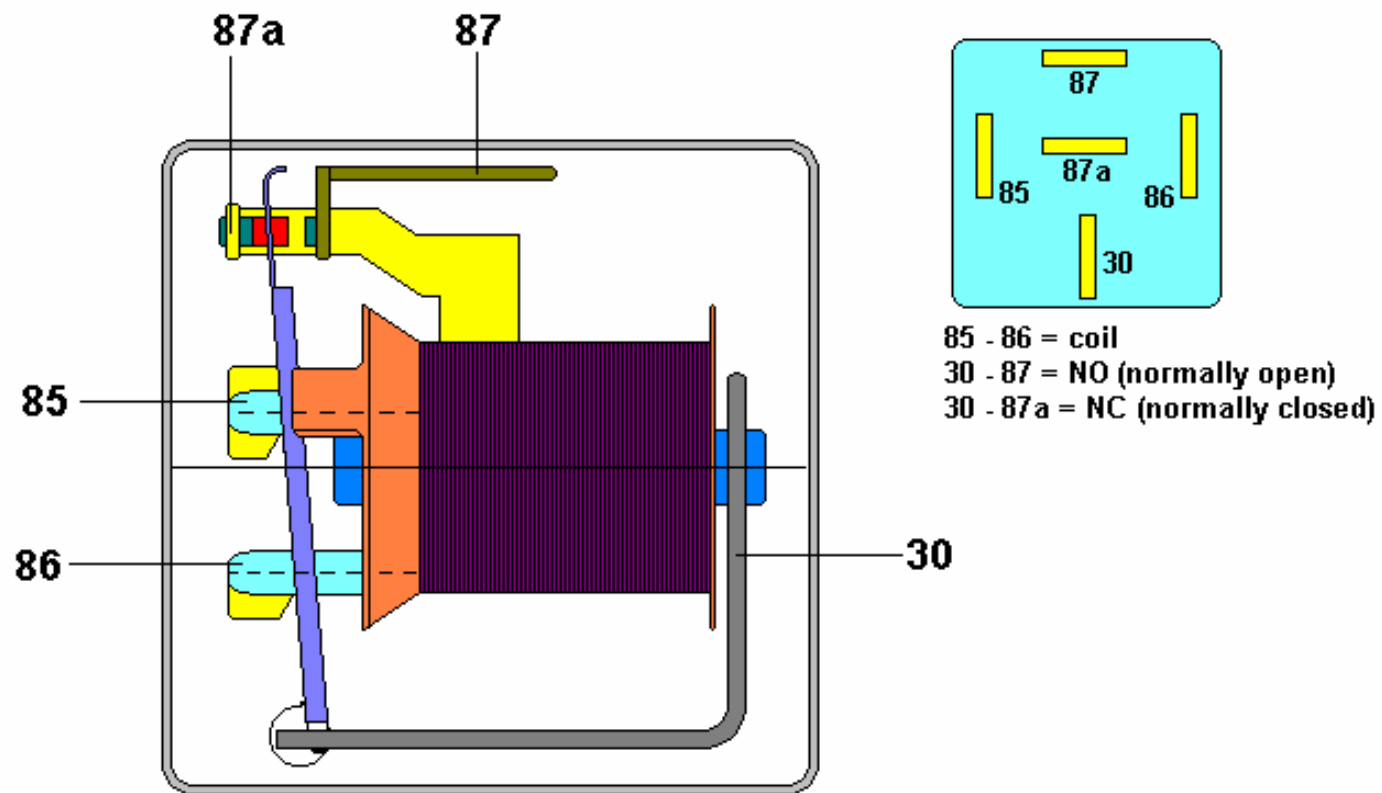
Panel light

Carefull: not all numbers
remain the same in a harness!

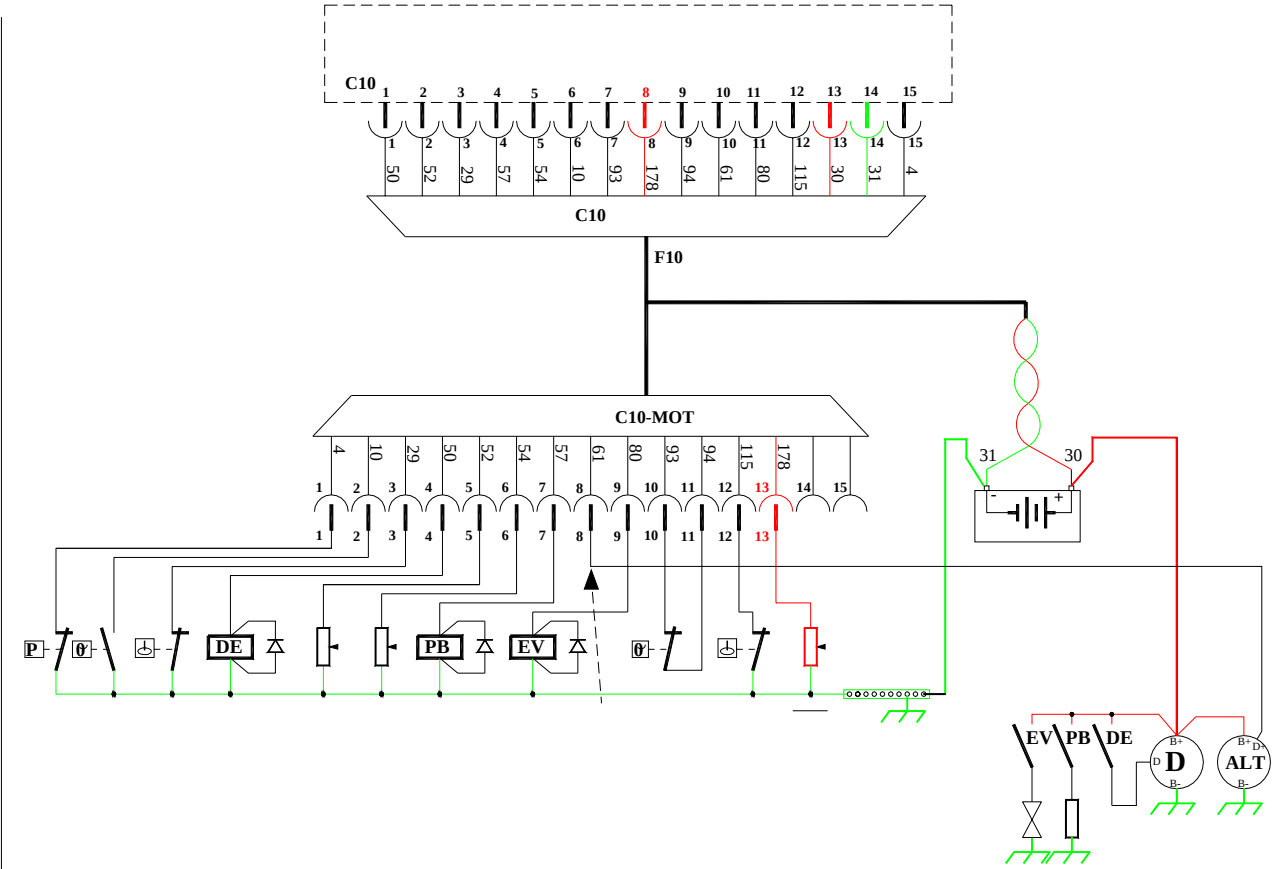


F35 Harness

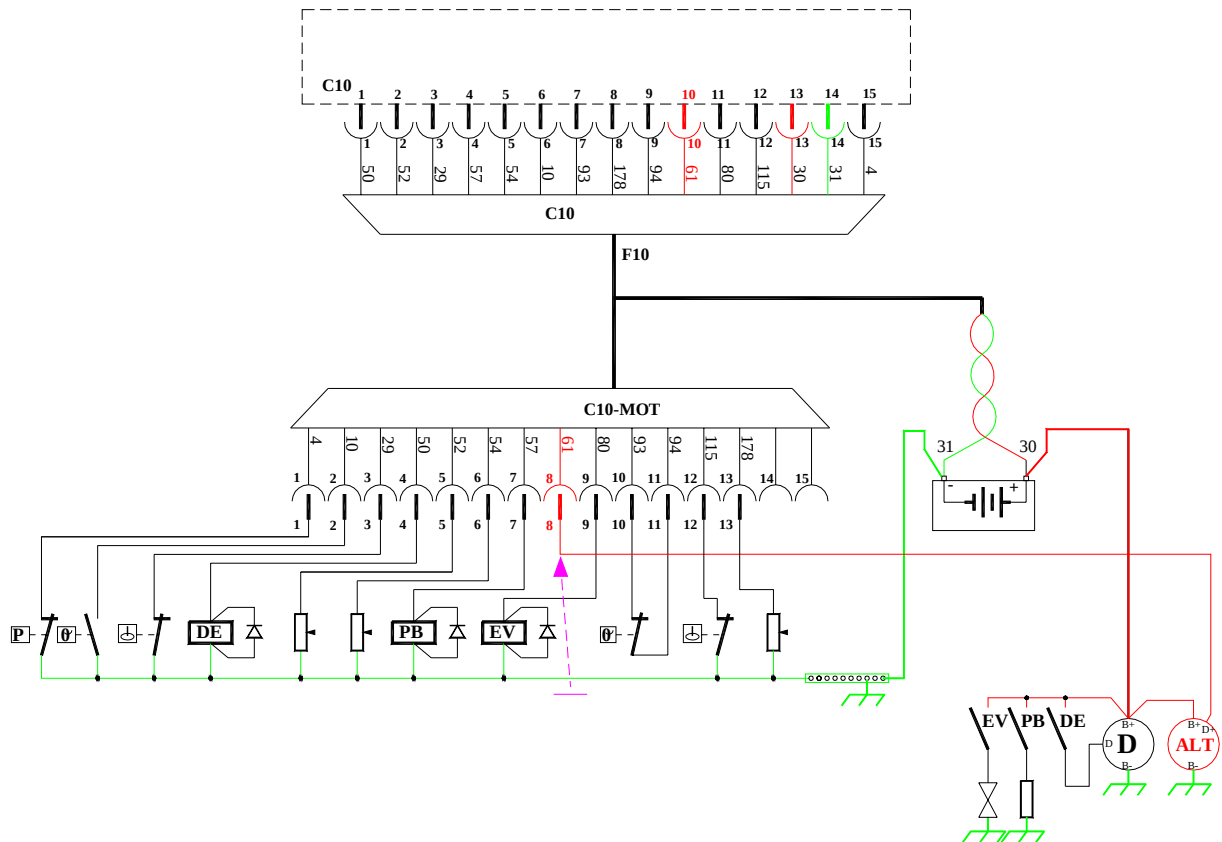
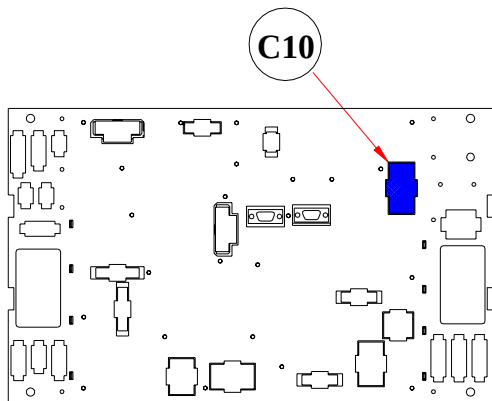




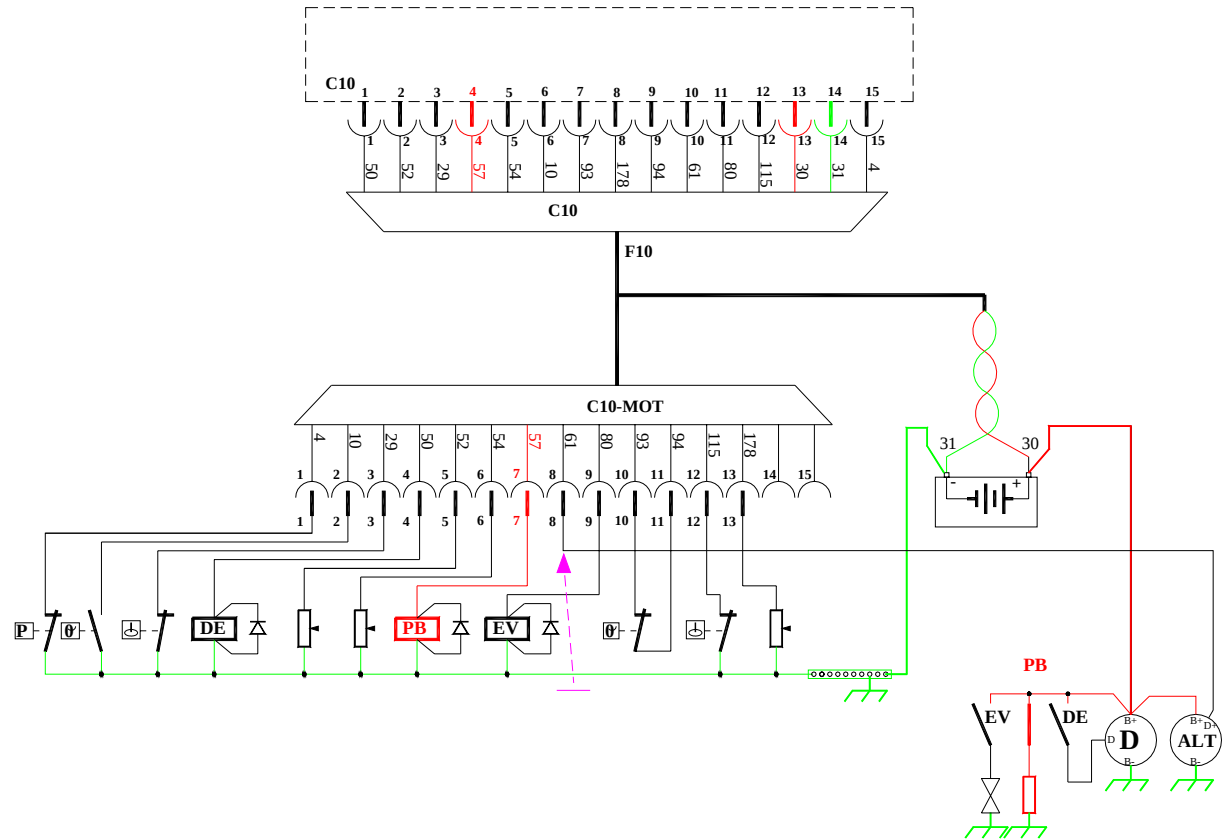
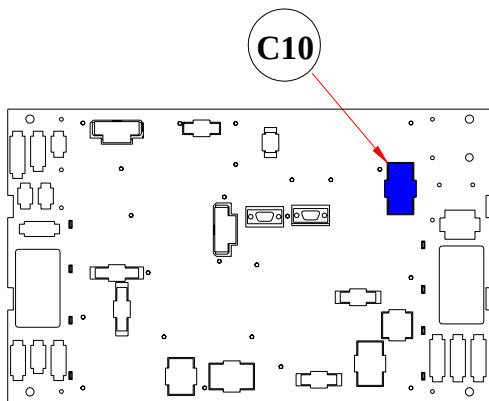
Automotive relay



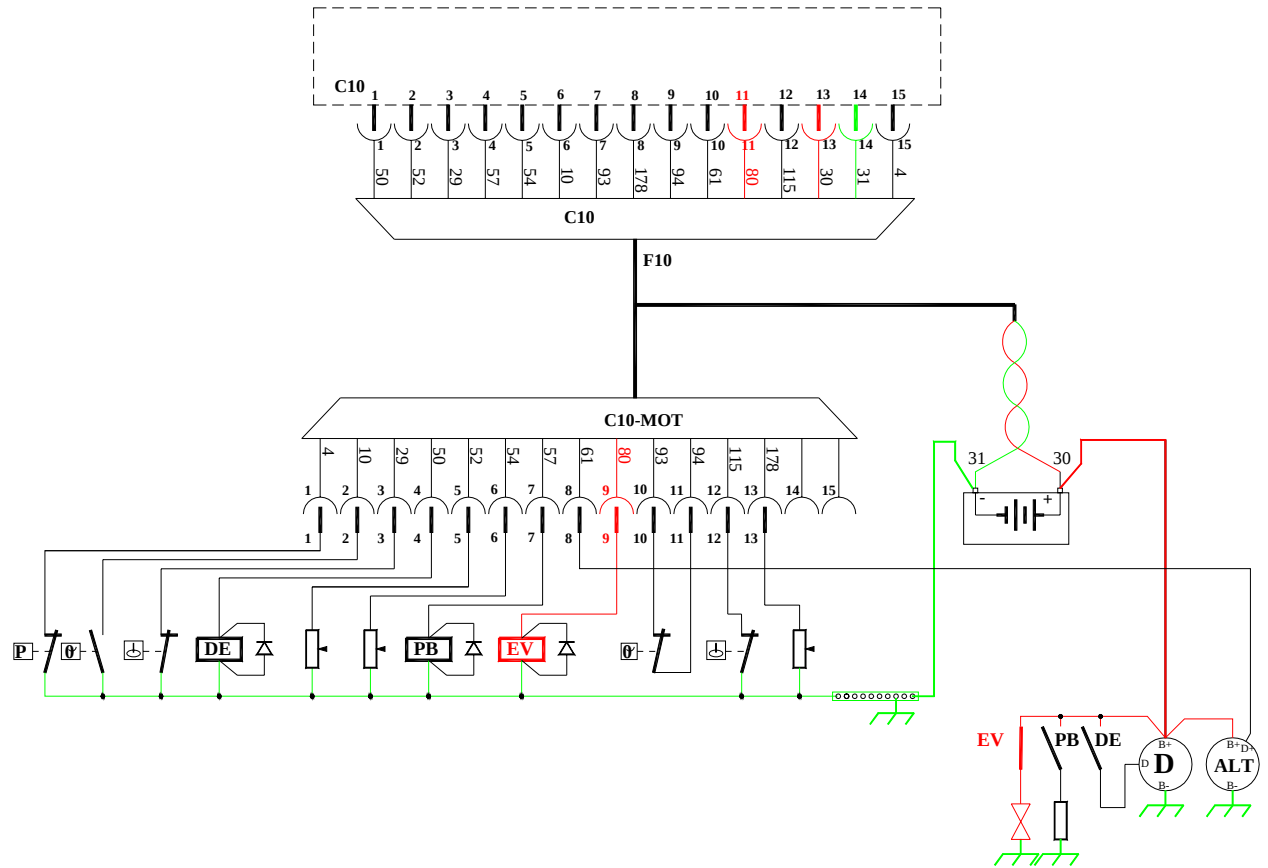
Fuel level indicator



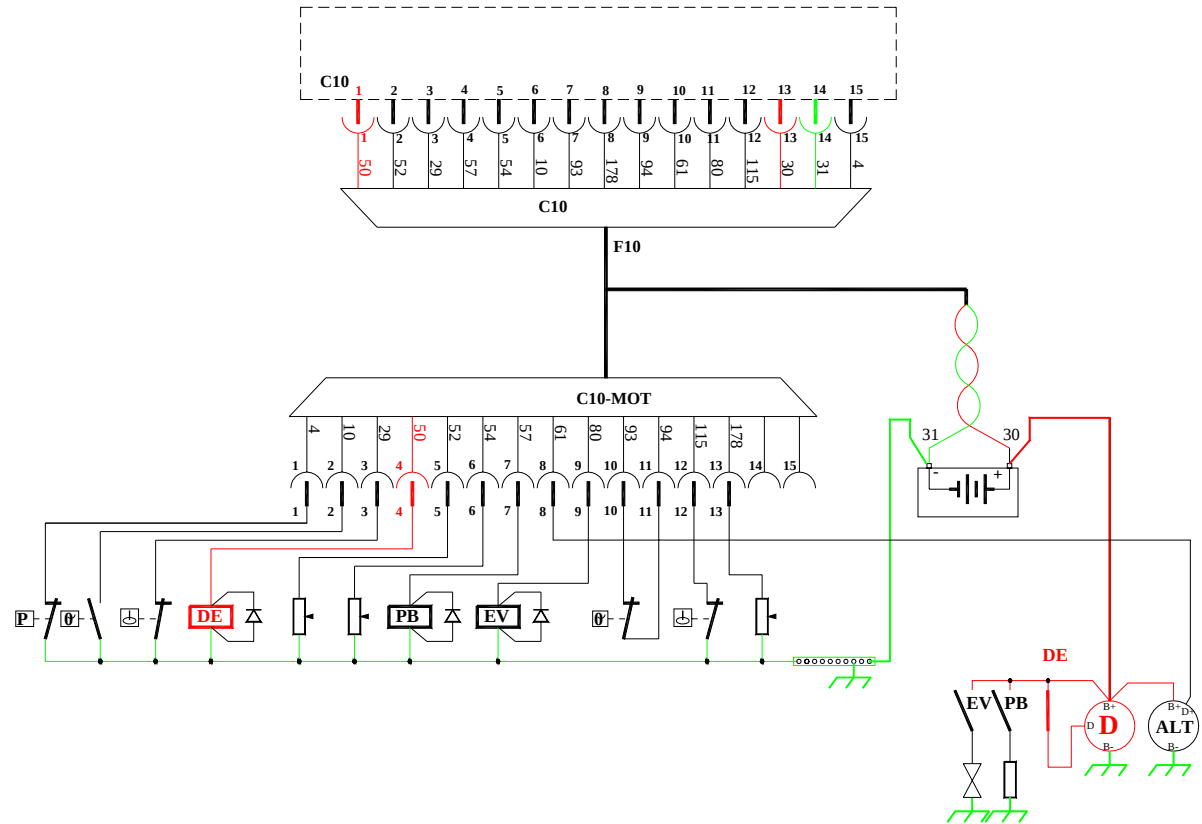
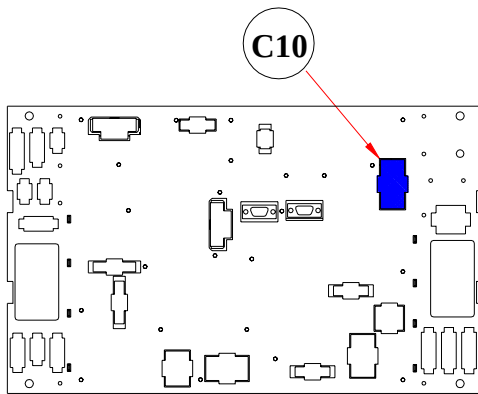
Battery charge alternator excitation



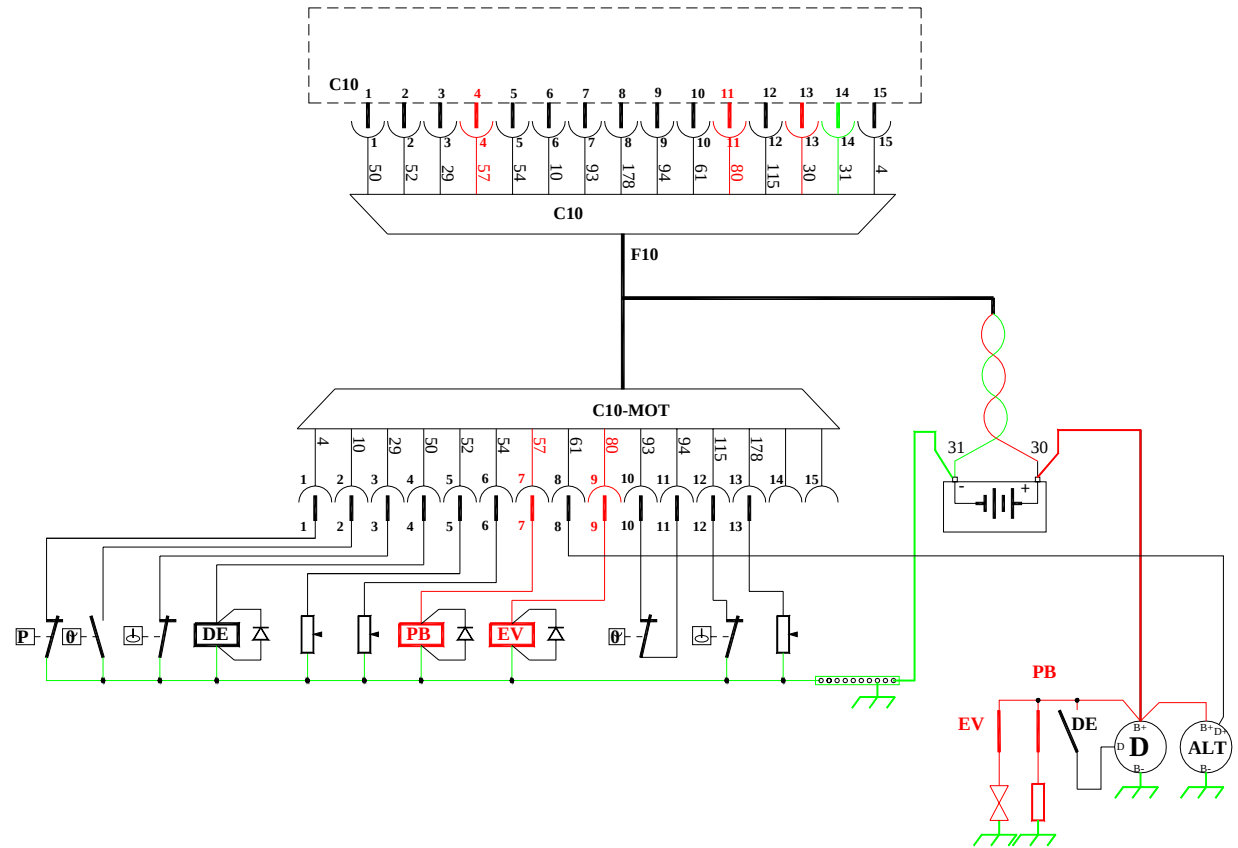
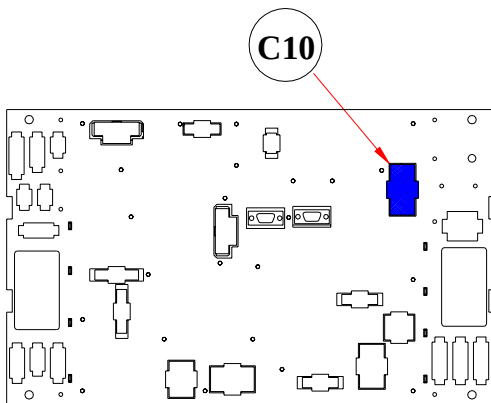
Pre Heat



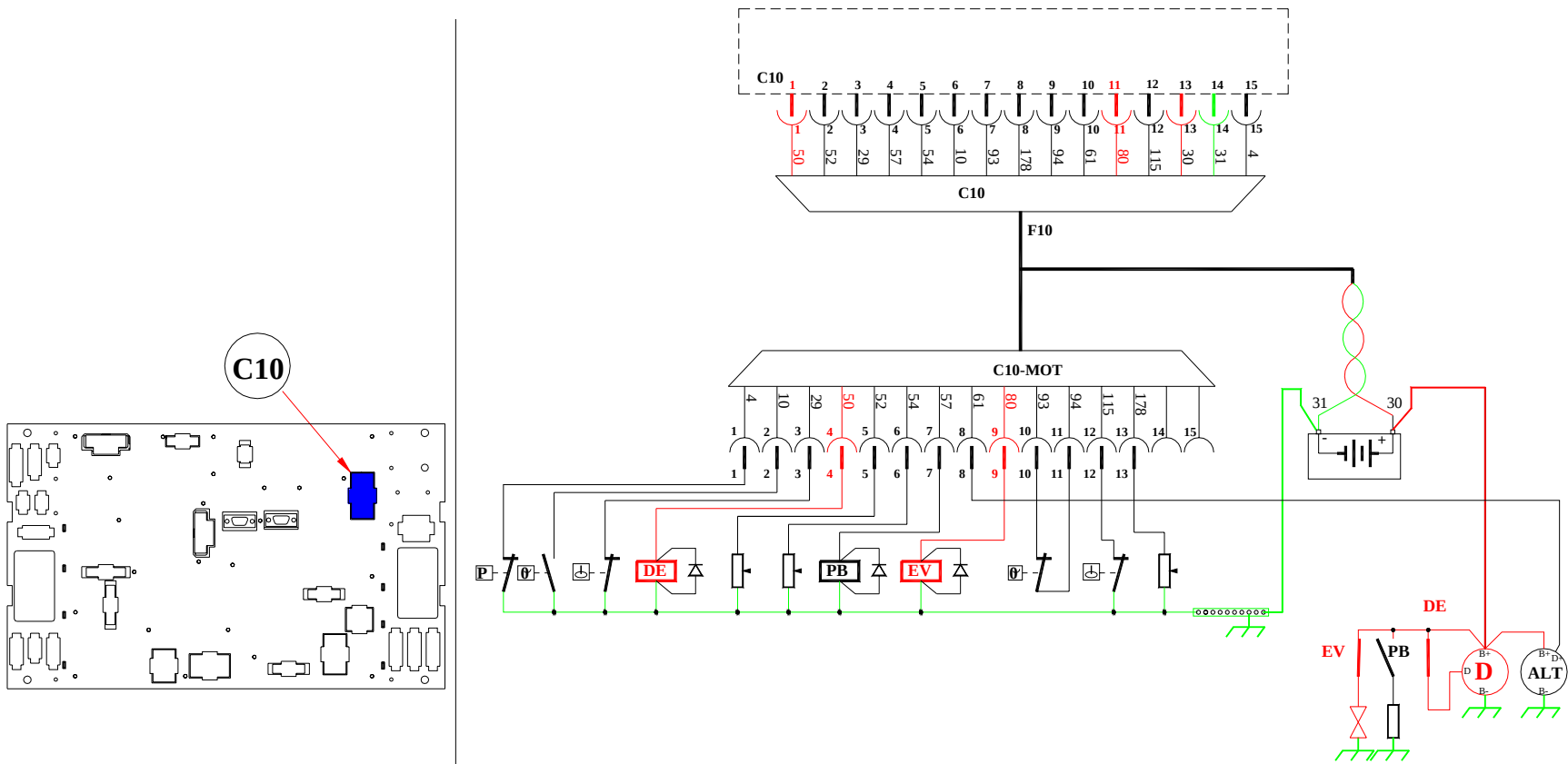
Fuel solenoid energised



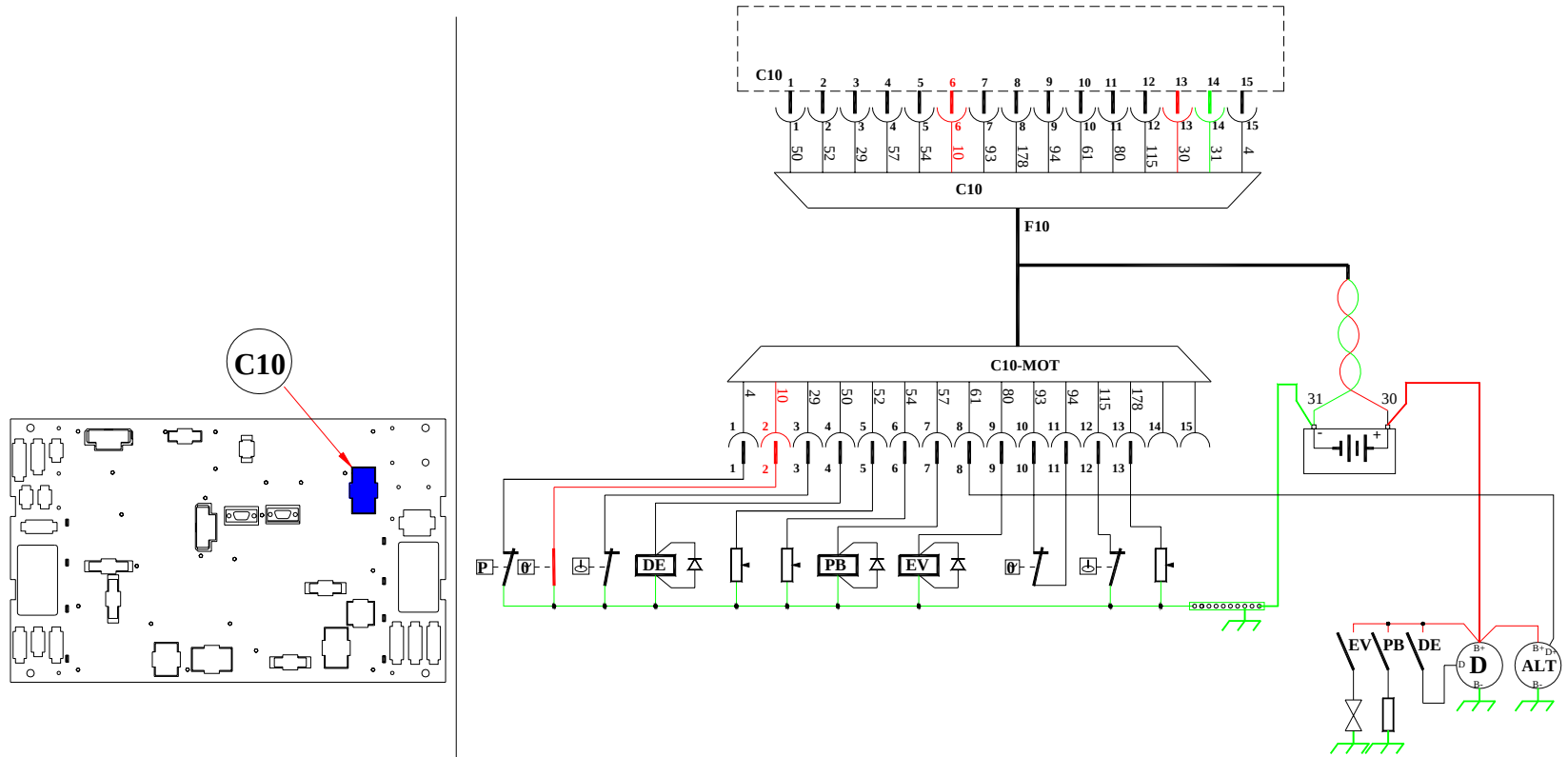
Starter engaged - cranking



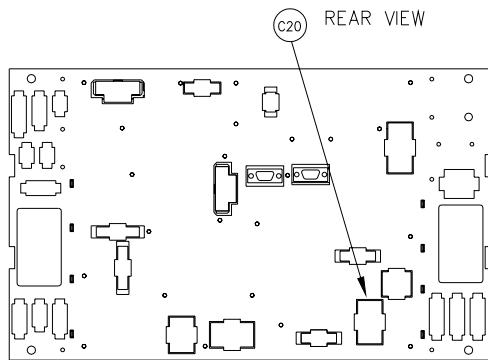
Pre-Glow mode -
Heater & Fuel solenoid energised



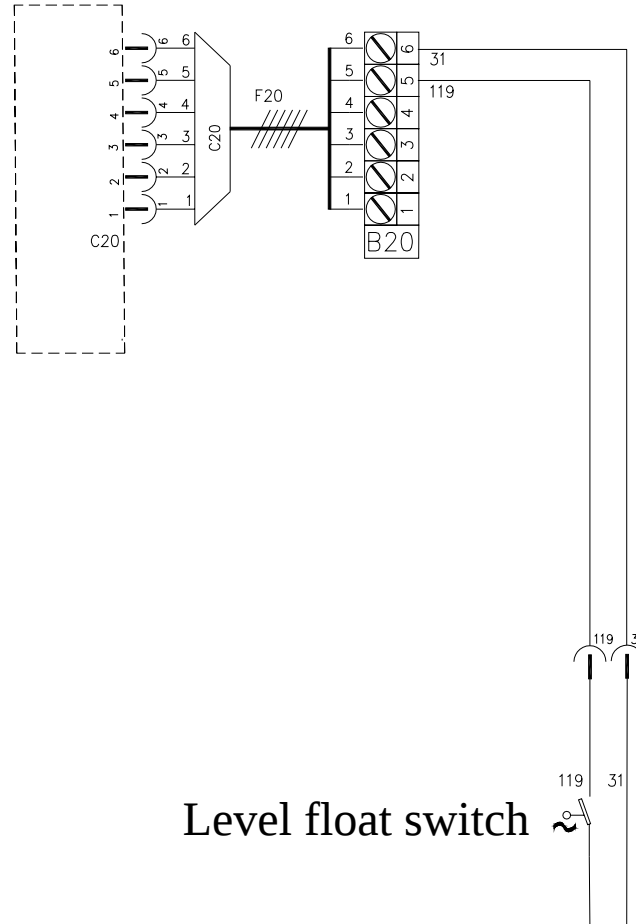
Fuel solenoid & starter energised -
- Starting mode



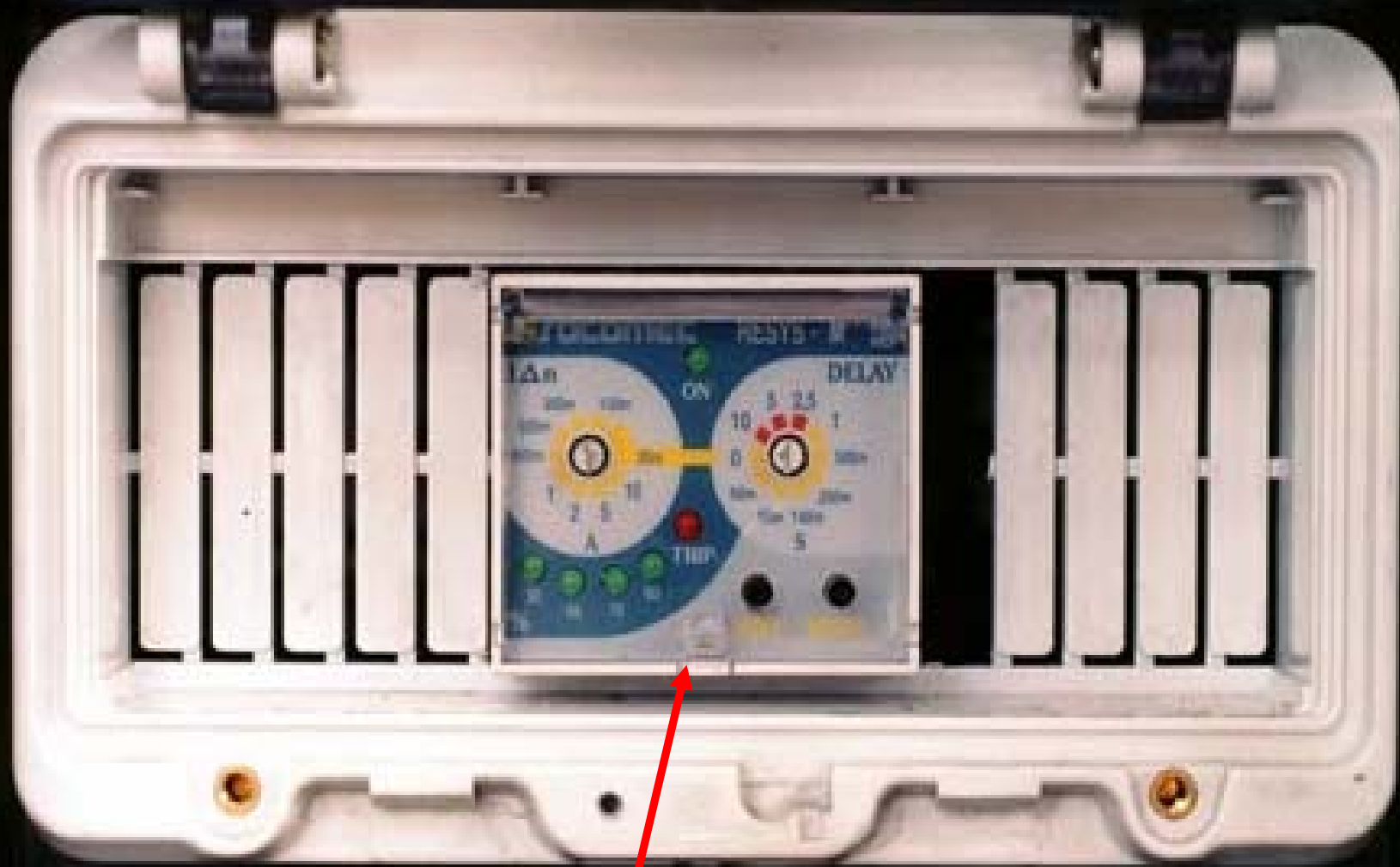
Fault - High coolant temperature



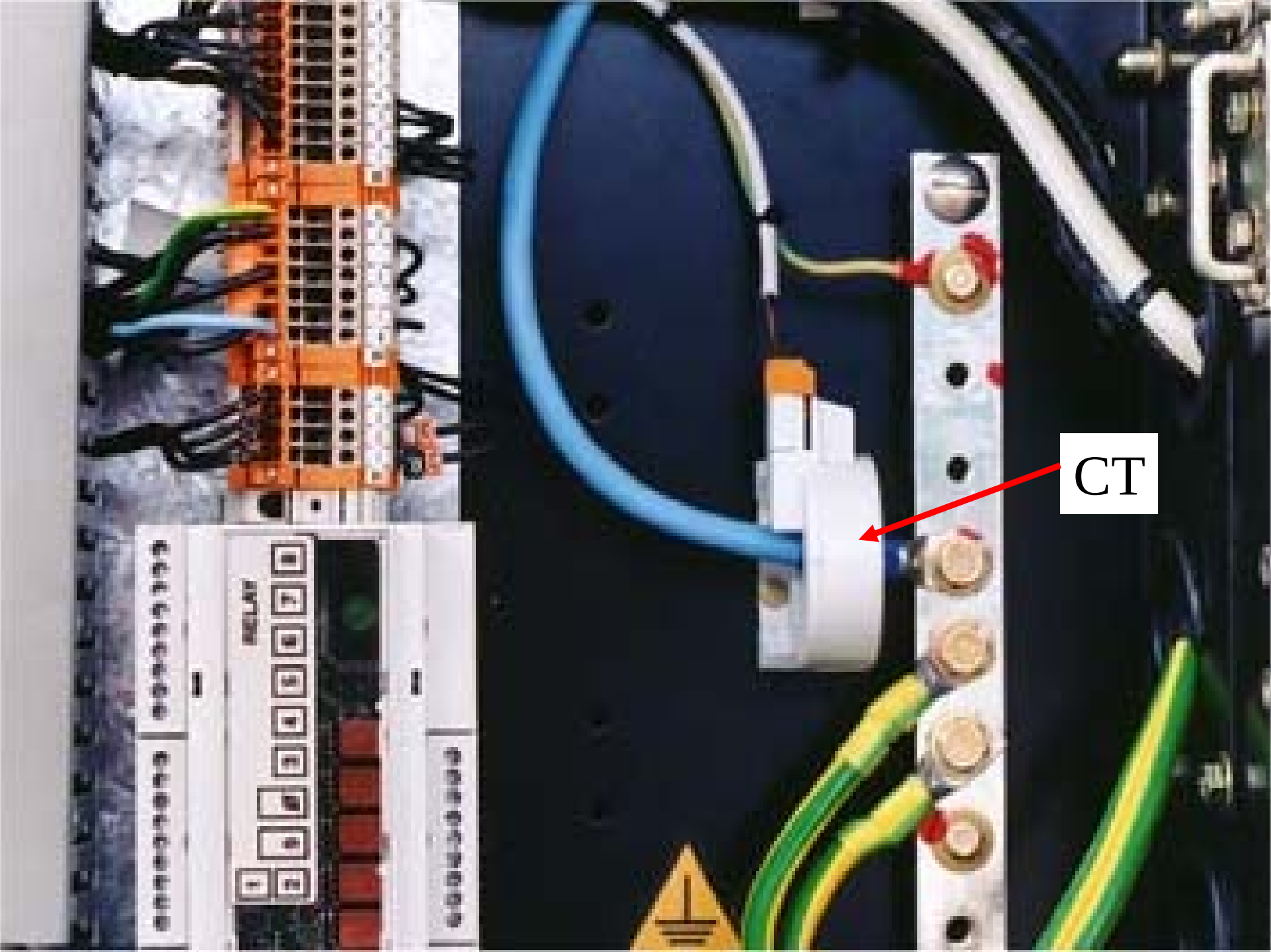
CARD CB12



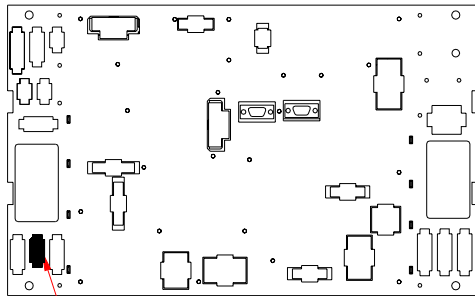
Retention bund level sensor



Differential relay

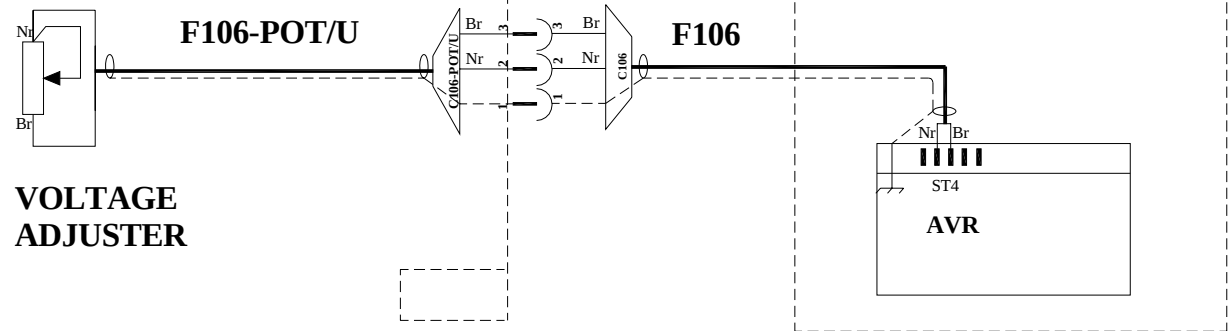


CB 12 Rear



C106

CB12



Panel mounted volts adjustment

