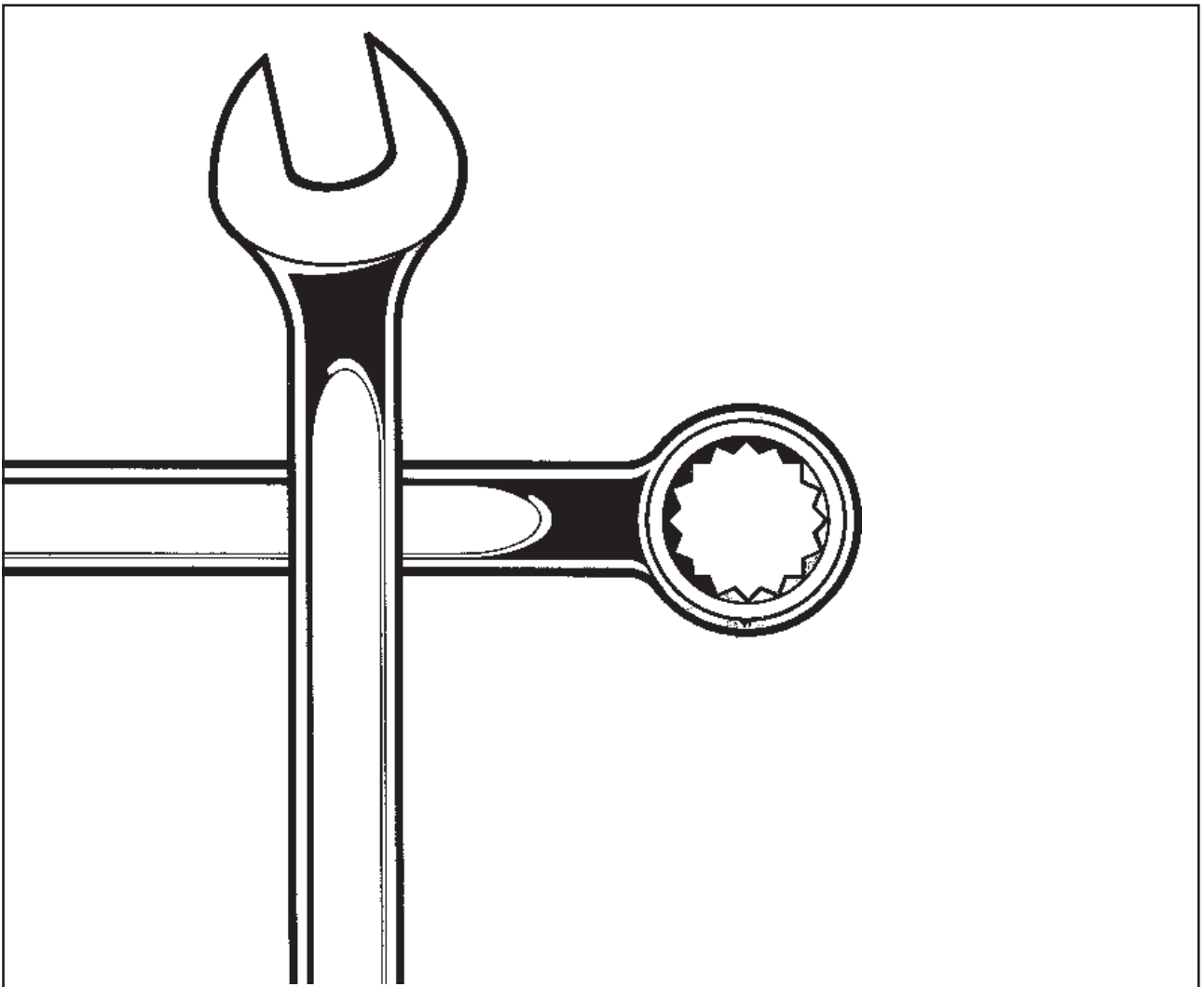


# **DYNAPAC CC222/422/522 WORKSHOP MANUAL ELECTRIC CIRCUIT DIAGRAM**

**W1035EN4**



SVEDALA



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SVEDALA

**DYNAPAC**

Vibratory and Combination Rollers  
CC 222/222C and CC 232/232C  
CC422/522

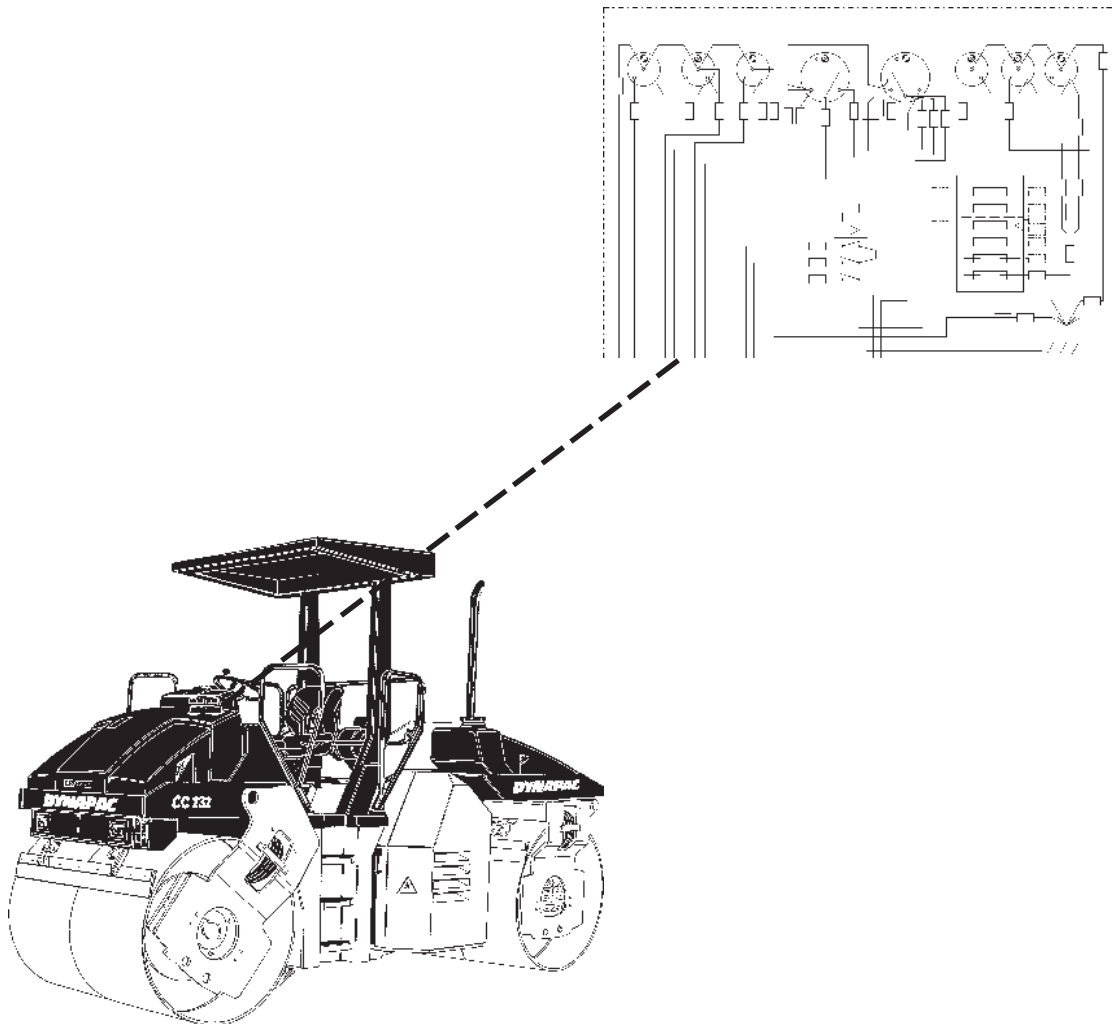
Work Shop Manual, Electric Circuit Diagram  
**W1035EN4**

This instruction apply from PIN (S/N)

CC 222: \*61710222\* , CC 222C: \*61810222\*

CC 232: \*61910232\* , CC 232C: \*62010232\*

CC 422: \*62510424\* , CC 522: \*62910523\*





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## General advice

- Make yourself familiar with the equipment of the machine.
- Only operate the machine if you are completely familiar with the operating and control elements as well as the functioning of the machine.
- Use your safety equipment like helmet, safety shoes and hearing protection.
- Make yourself familiar with your working field.
- Only operate the machine for its intended purpose.

**Please observe the guidelines of the machine manufacturer and safety manual, A 281.**



## Before starting

- Study and understand the operating instructions before starting.
- Check the machine for any serious faults.
- Do not operate the machine with defective instruments, warning lights or control elements.
- All safety devices must be in a secure position.
- Do not carry loose objects or secure them to the machine.
- Keep oily and inflammable material away from the machine.
- Before entering the driver's cab, check if persons or obstacles are in the way of or underneath the machine.
- Be careful when entering the driver's cab, use the steps.
- Adjust your seat before starting.

## Start

- When starting, all operating levers must be in "neutral position".
- Only start the machine from the driver's seat.
- Check the indicating instruments after start to ensure that all functions are in order.
- Do not leave the machine unattended when the engine is running.
- When starting with battery connection cables, connect plus to plus and minus to minus.
- Disconnect the earth (negative) first. Connect it last.

## Warning



Exhaust fumes is dangerous. Ensure sufficient fresh air when starting in closed rooms!

## Hydraulic equipment

1. Hydraulic equipment is under high pressure.



Fluids (fuel, hydraulic oil) which escape under high pressure can penetrate the skin and cause serious injury.

Therefore immediately consult a doctor if such injury occurs. Serious infection may otherwise be caused.

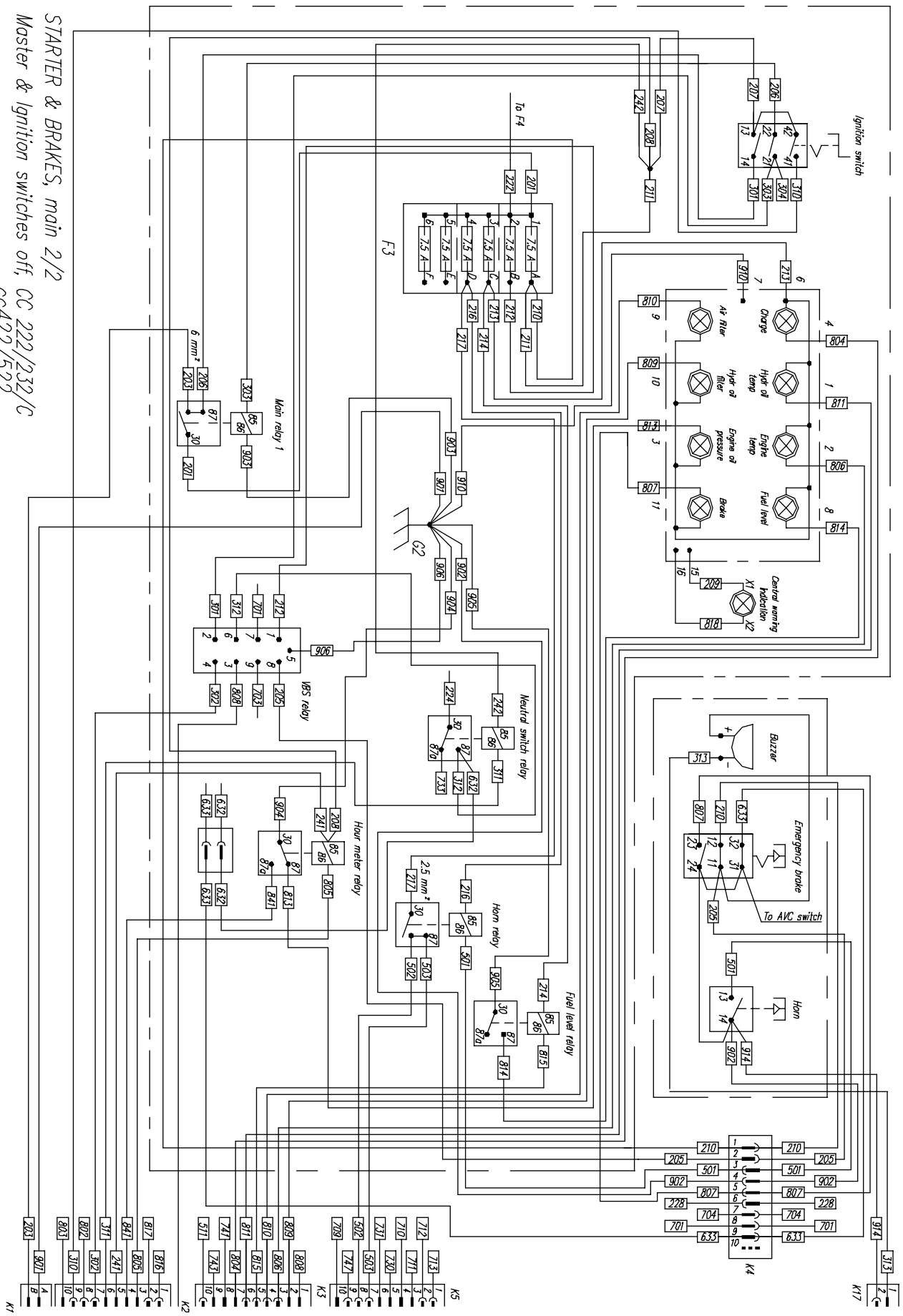
2. When searching for leaks use appropriate means because of the danger of accidents.
3. Before working on hydraulic equipment, de pressurize to zero and lower the working arms of the machine.
4. When working on hydraulic equipment, switch of the engine and secure roller against rolling away (e. g. parking brake)!
5. When connecting hydraulic cylinders and motor, pay attention to correct connection of flexible hydraulic hoses.
6. The resulting functions will be vice versa if the ports are interchanged (e. g. forward or reverse), creating danger of accidents!
7. Check flexible hydraulic hoses regularly and replace them in case of damage or wear! The new hose or pipe must comply with the technical requirements of the machine manufacturer!

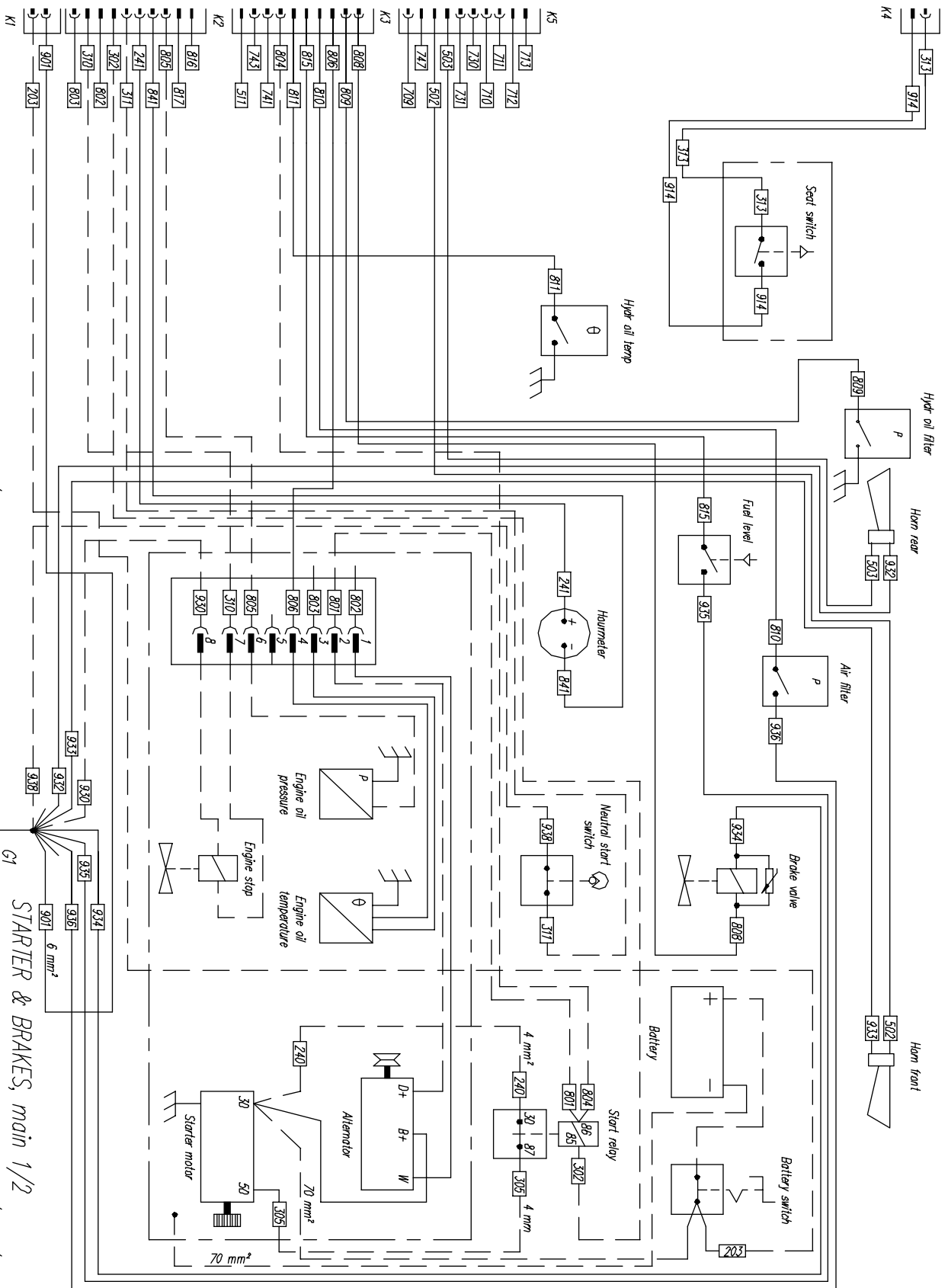
Orderly disposal or recycling of oil, fuel and filters!





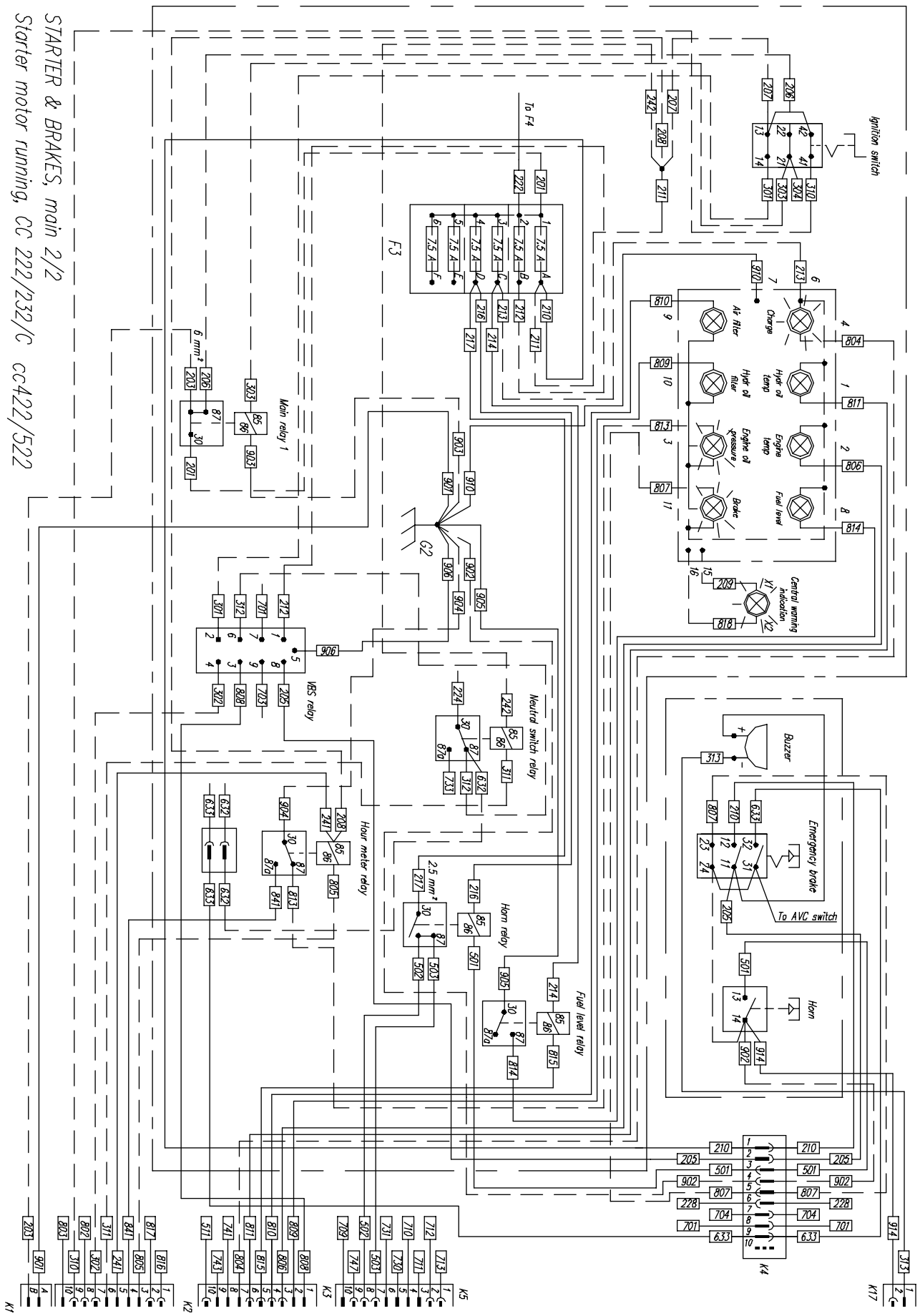
STARTER & BRAKES, main 2/2  
 Master & Ignition switches off, CC 222/232/C  
 CC422/522



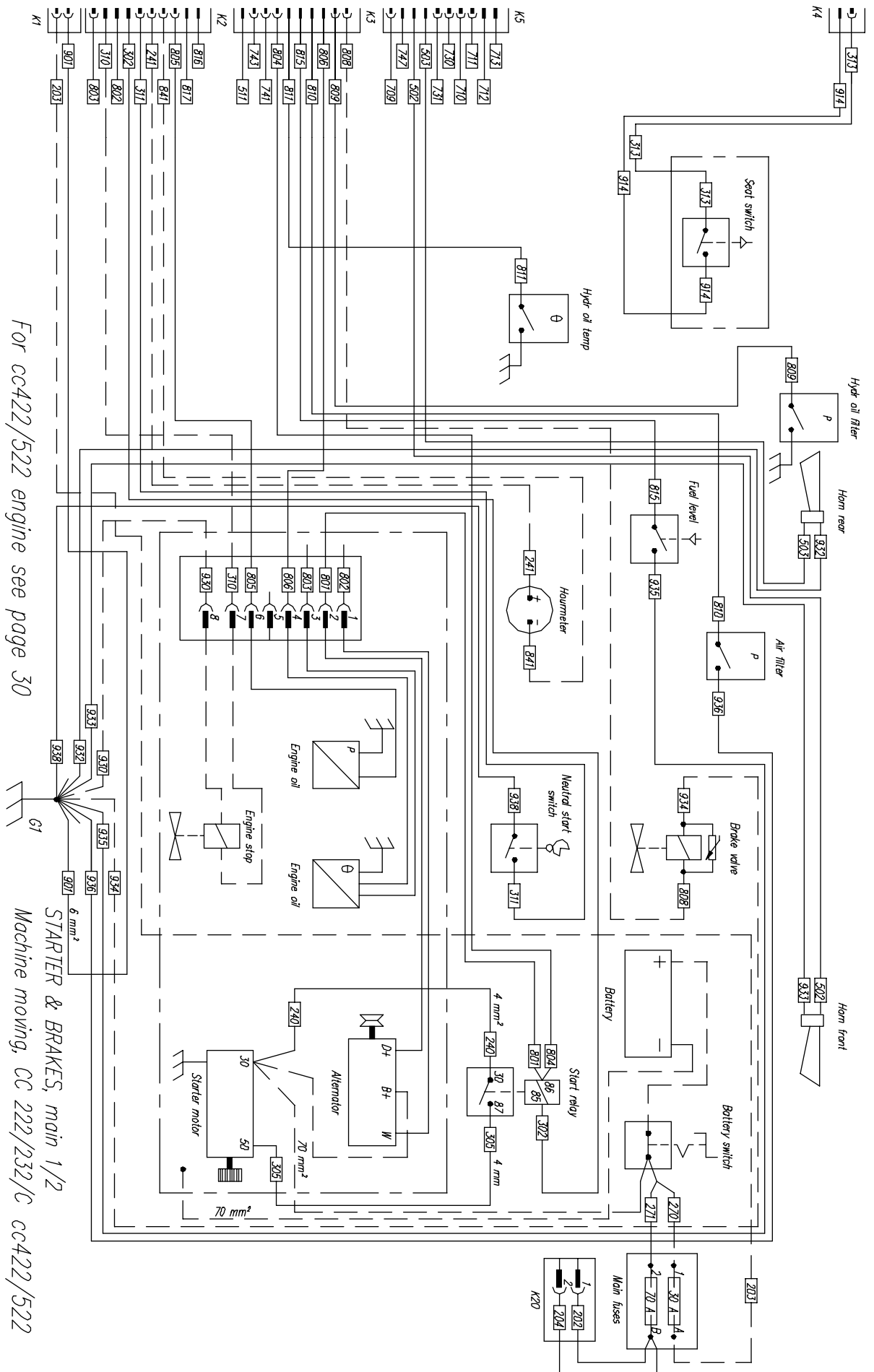


For cc422/522 engine see page 30

STARTER & BRAKES, main 1/2  
 Starter motor running, CC 222/232/C cc422/522



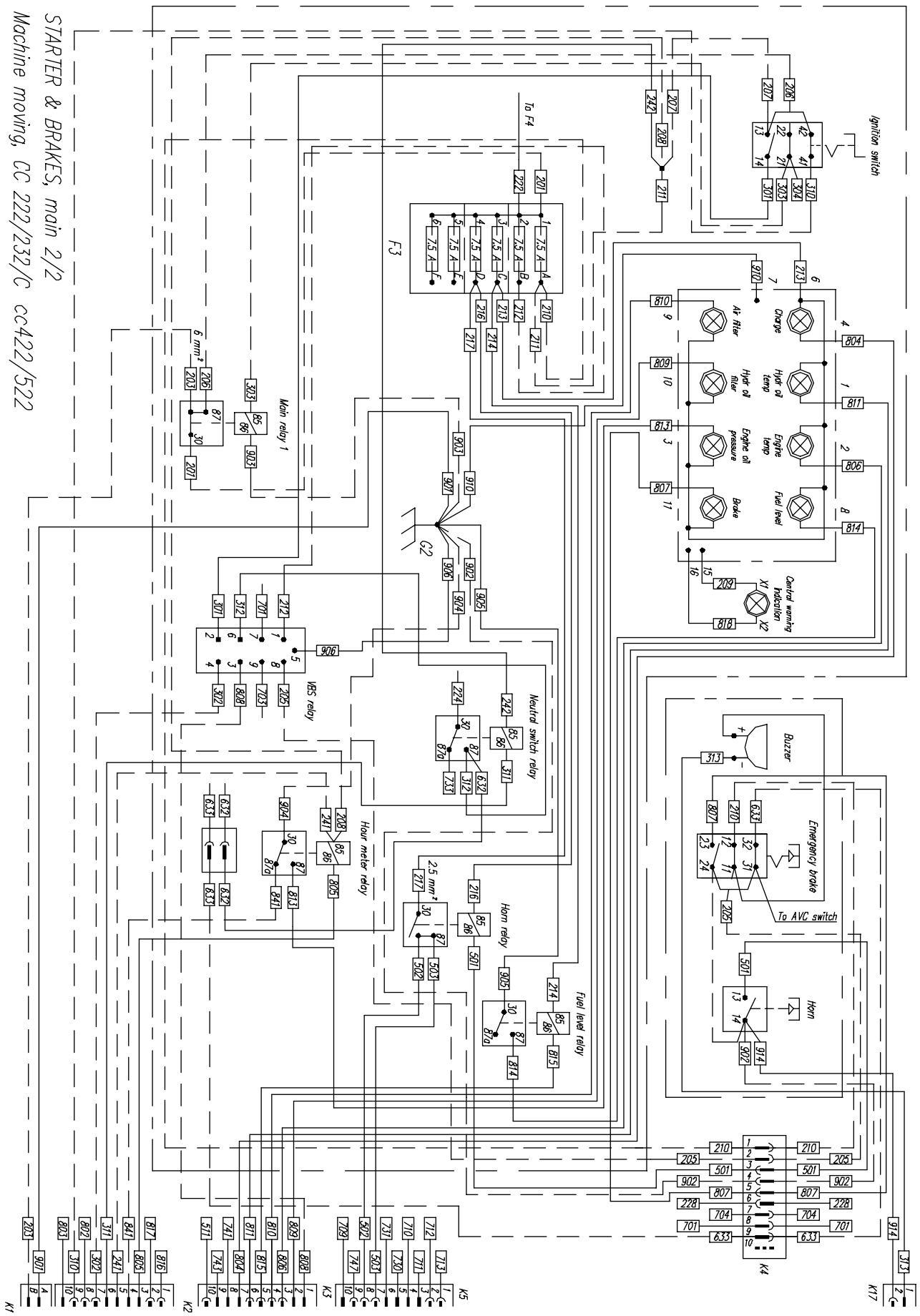
STARTER & BRAKES, main 2/2  
 Starter motor running, CC 222/232/C CC422/522

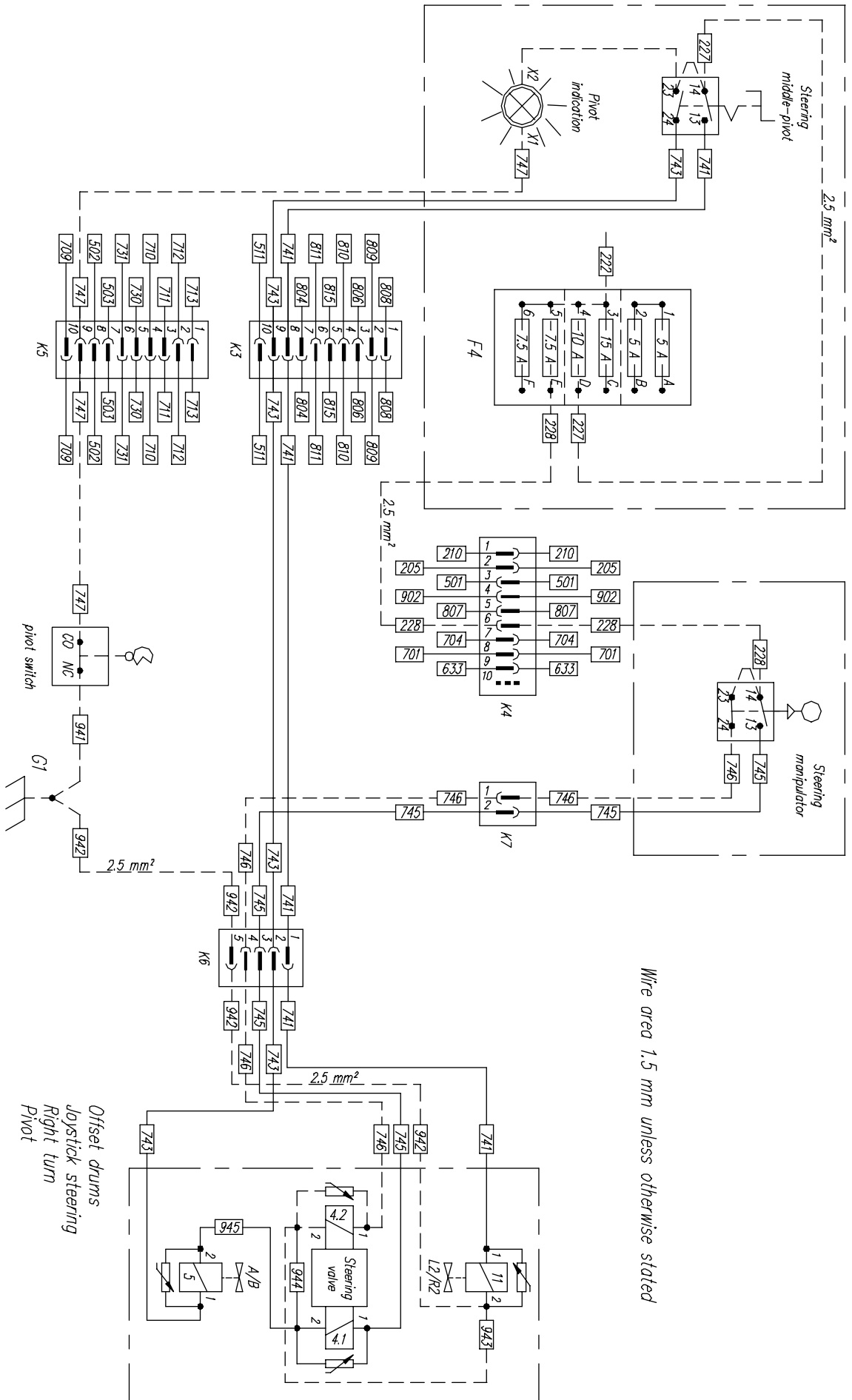


For cc422/522 engine see page 30

STARTER & BRAKES, main 1/2  
Machine moving, CC 222/232/C cc422/522

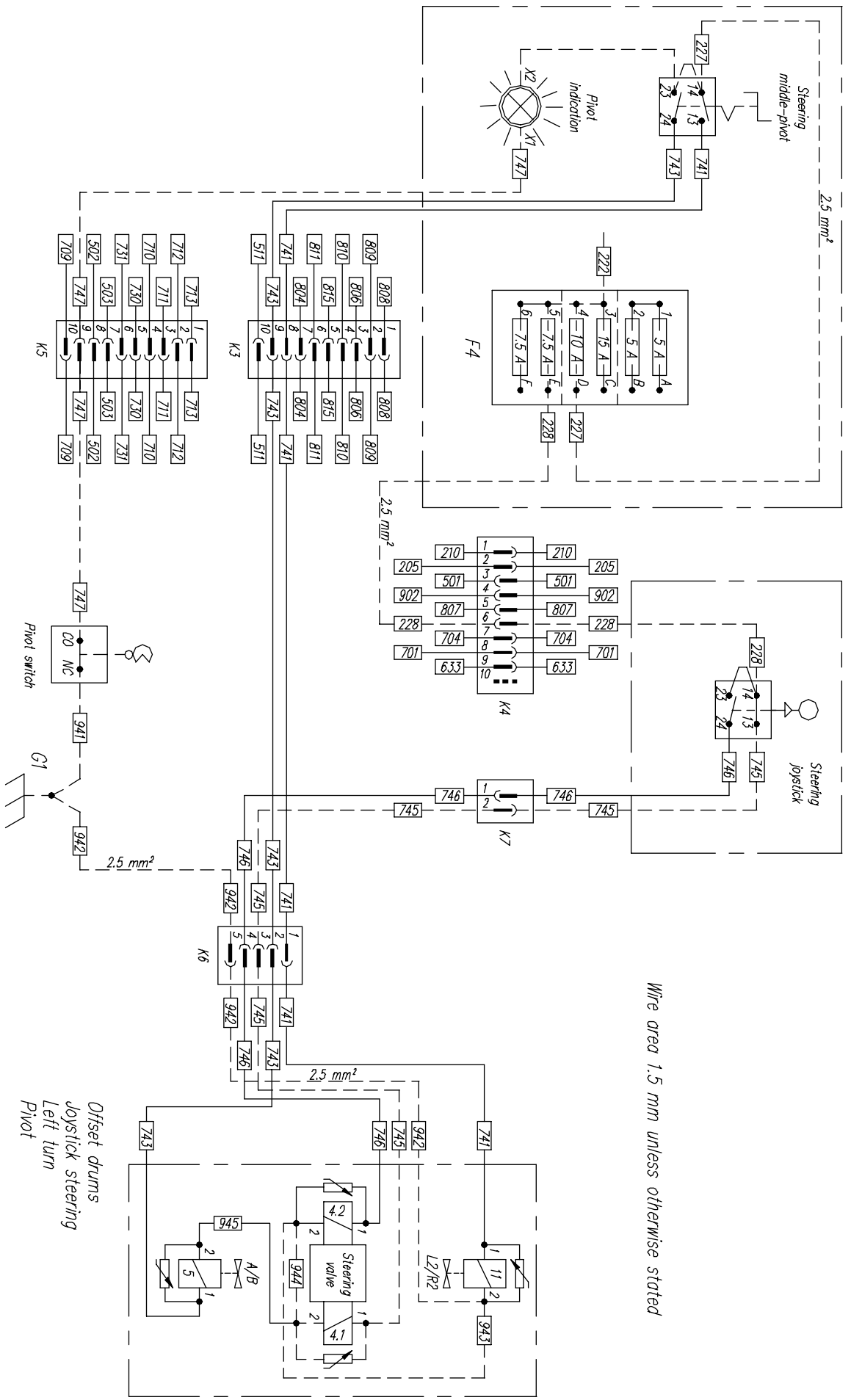
STARTER & BRAKES, main 2/2  
 Machine moving, CC 222/232/C CC422/522

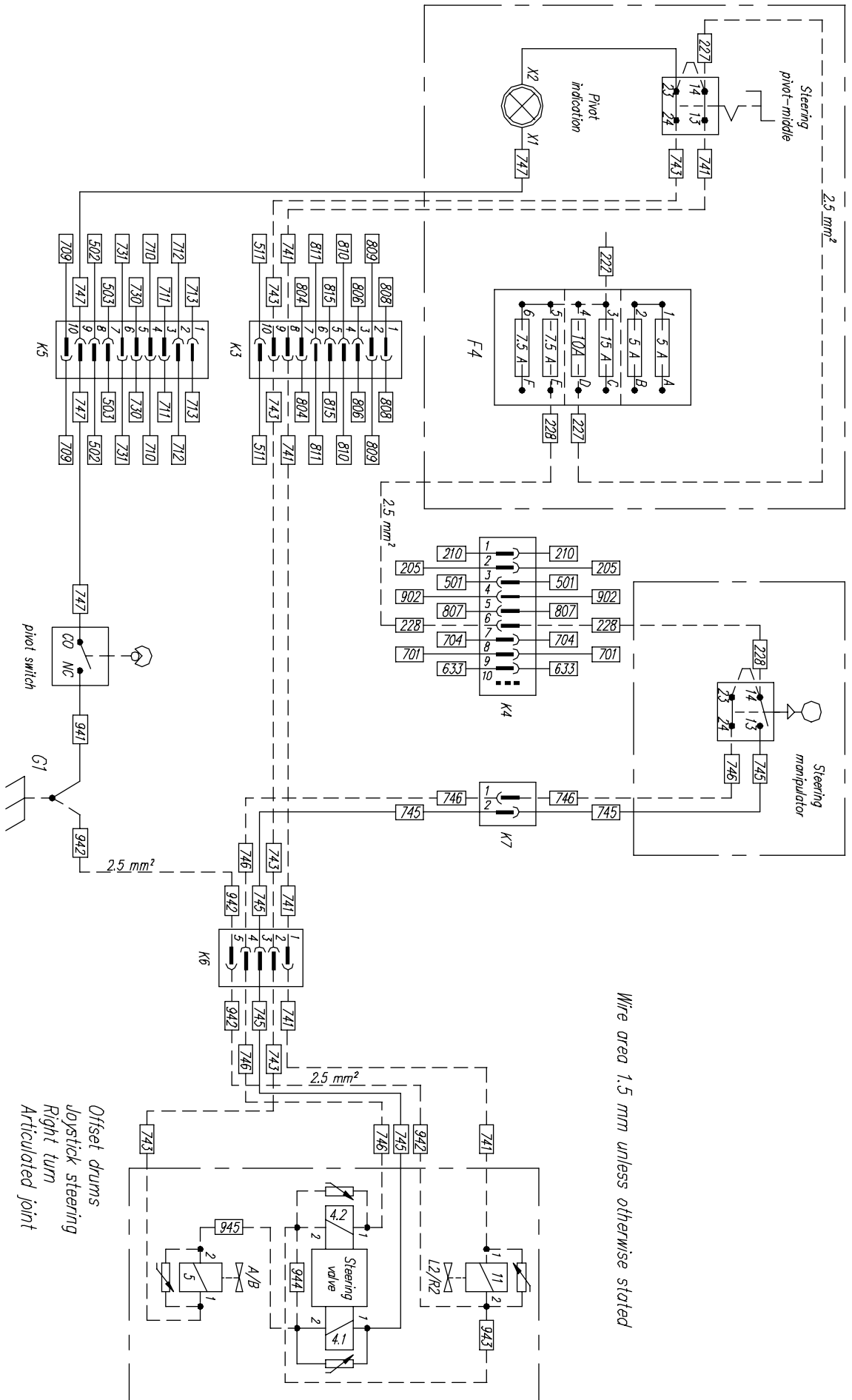




Wire area 1.5 mm unless otherwise stated

Offset drums  
Joystick steering  
Right turn  
Pivot



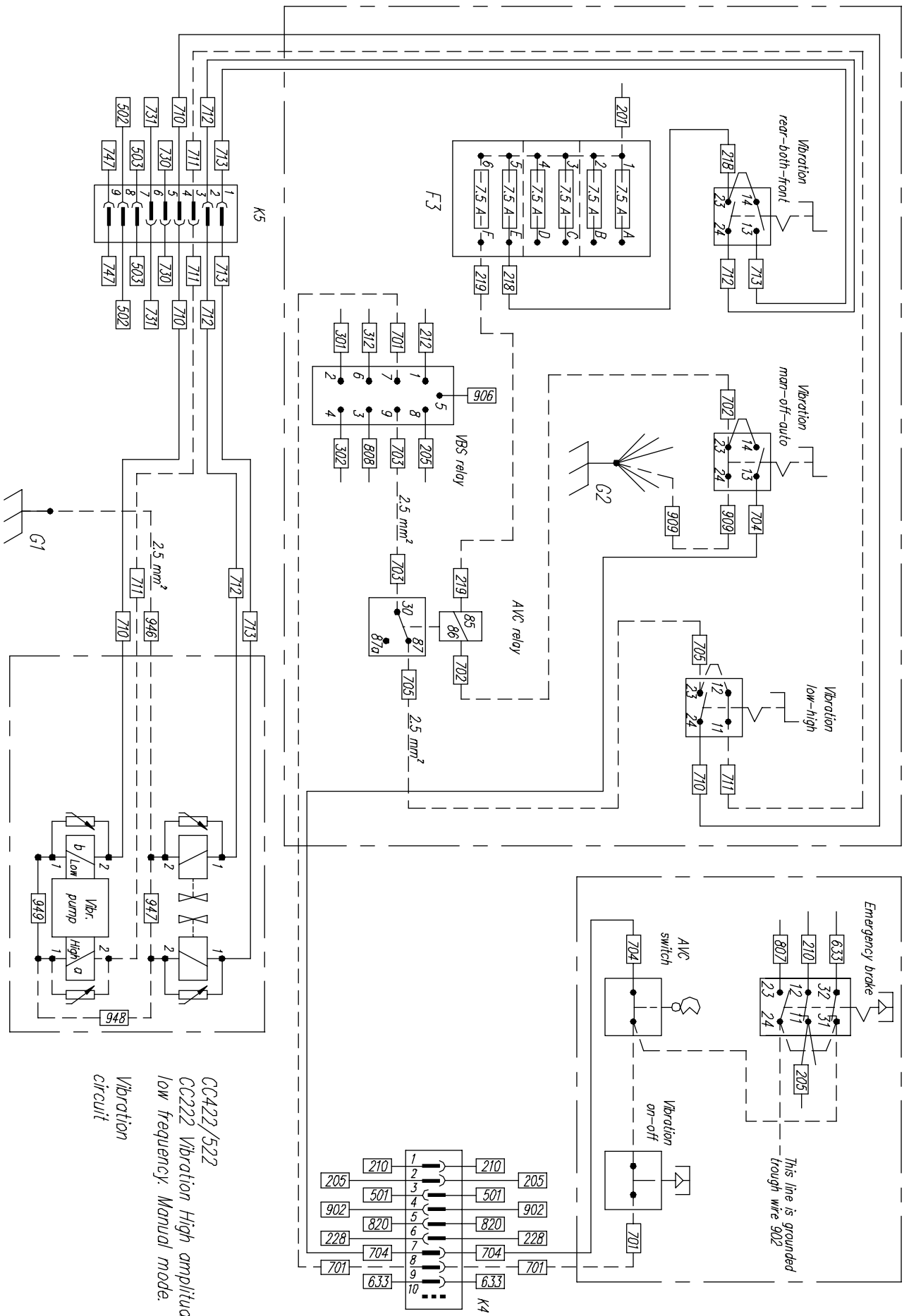


Wire area 1.5 mm unless otherwise stated

Offset drums  
joystick steering  
Right turn  
Articulated joint

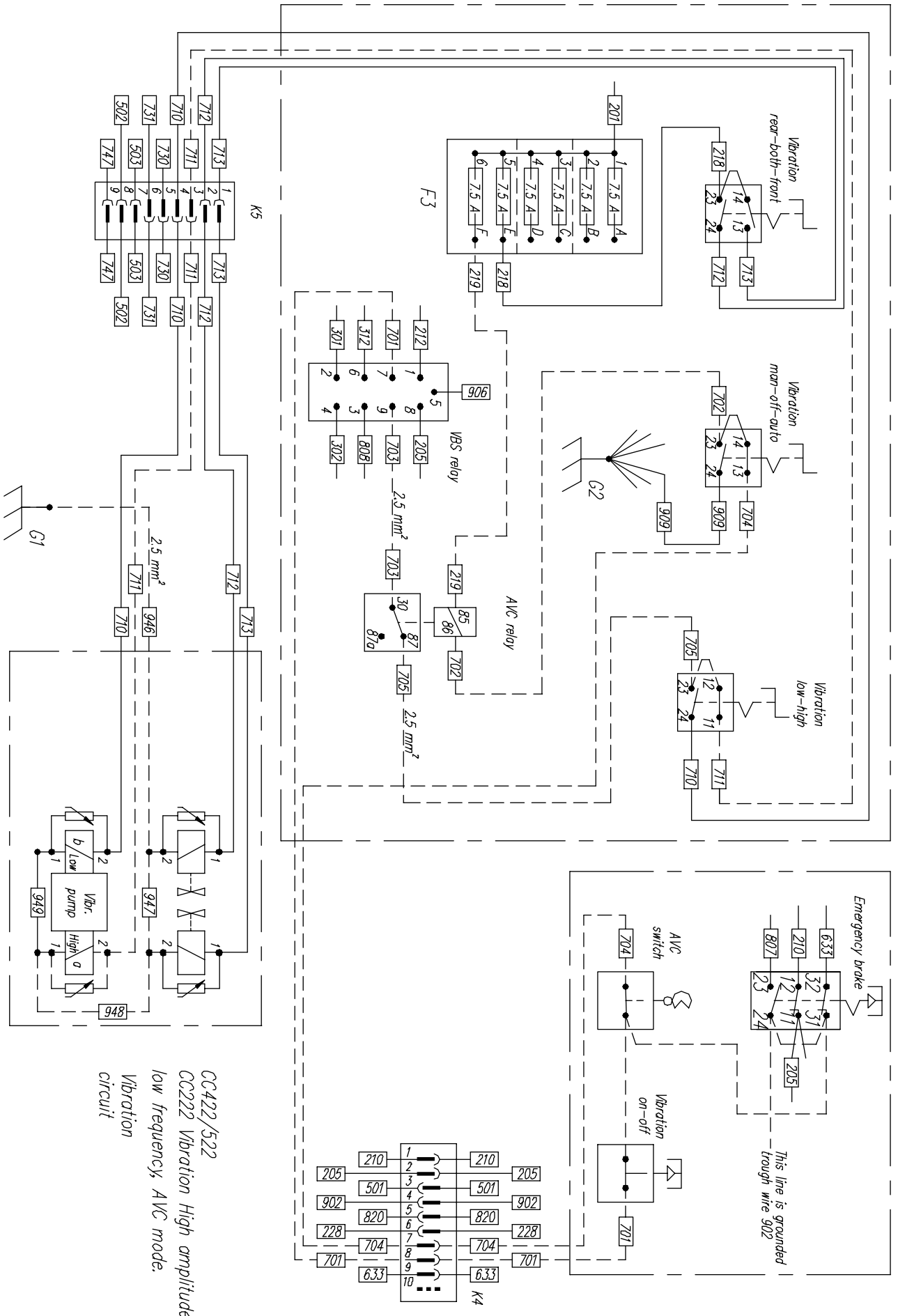




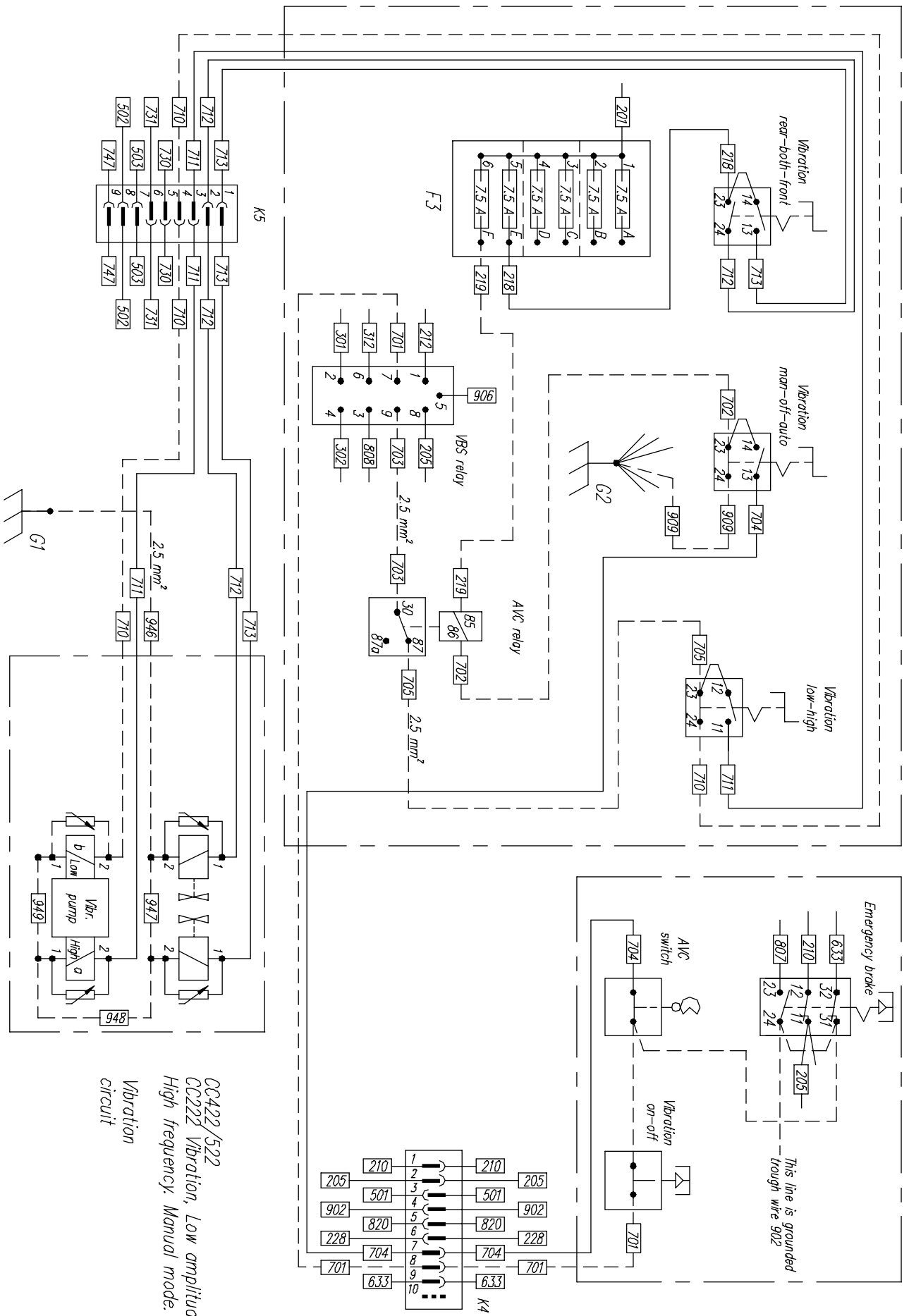


CC422/522  
 CC222 Vibration High amplitude,  
 low frequency. Manual mode.

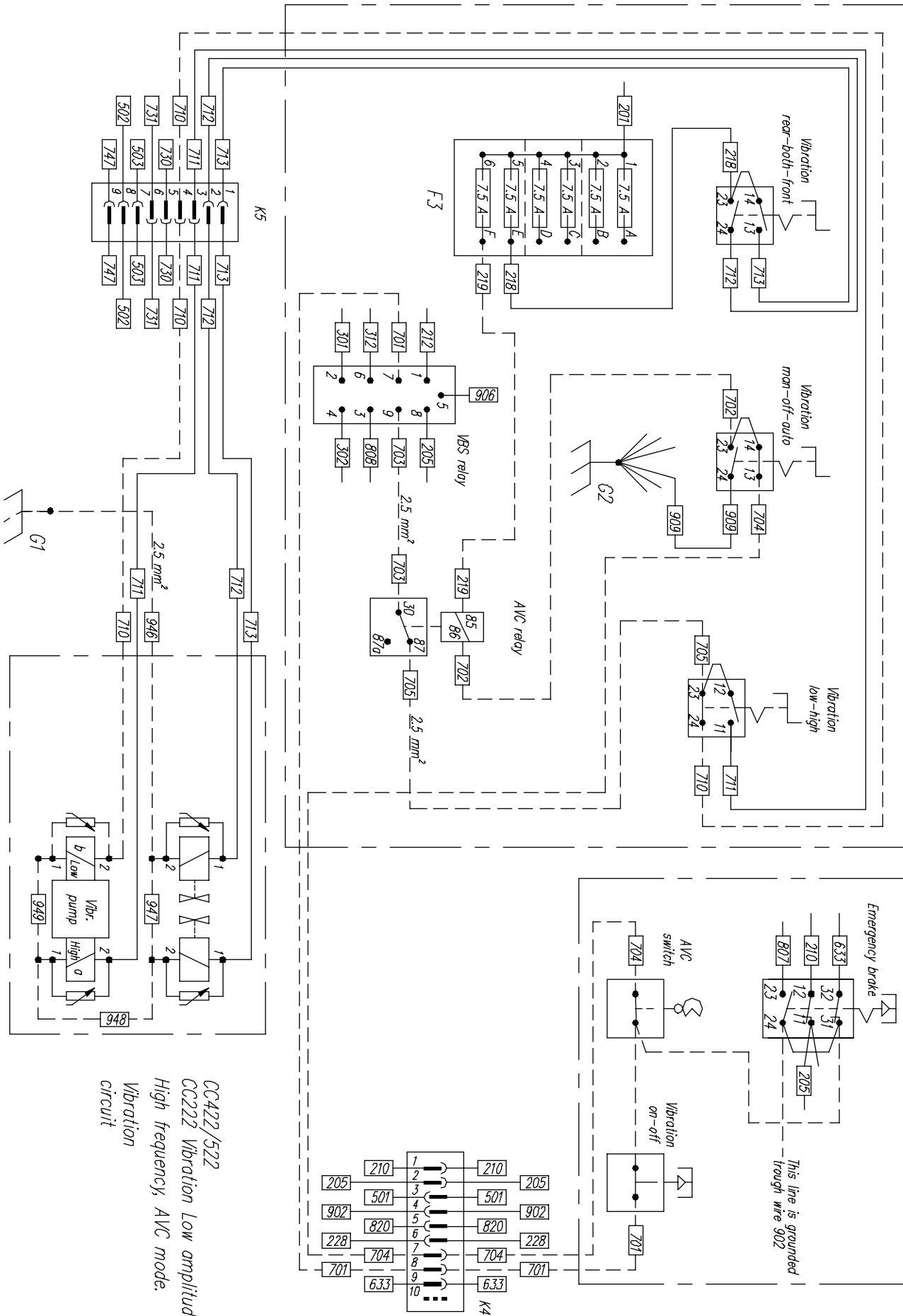
Vibration  
 circuit

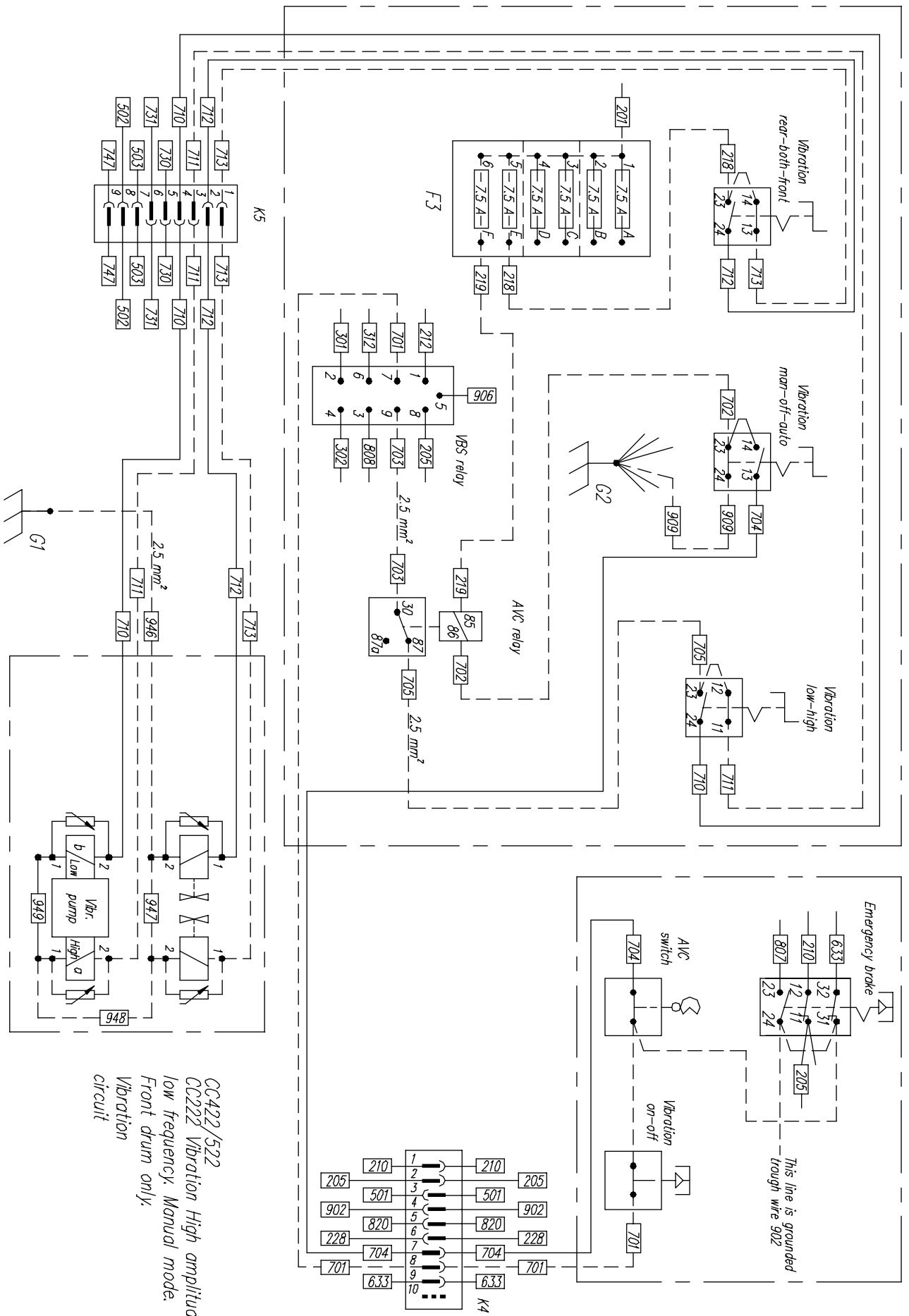


CC422/522  
 CC222 Vibration High amplitude  
 low frequency, AVC mode.  
 Vibration  
 circuit

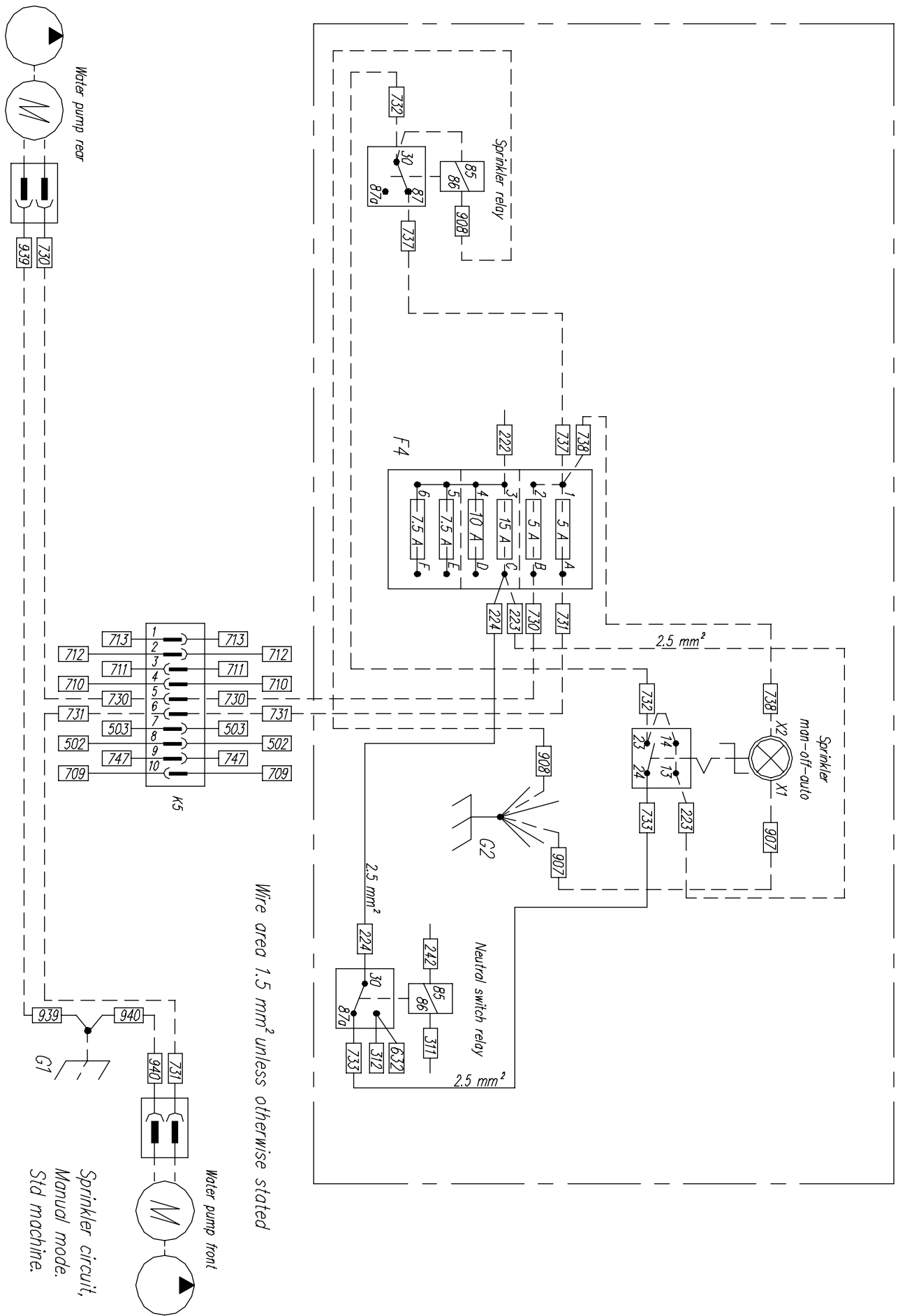


CC422/522  
 CC222 Vibration, Low amplitude,  
 High frequency, Manual mode.  
 Vibration  
 circuit





CC422/522  
 CC222 Vibration High amplitude,  
 low frequency. Manual mode.  
 Front drum only.  
 Vibration  
 circuit



Wire area 1.5 mm<sup>2</sup> unless otherwise stated

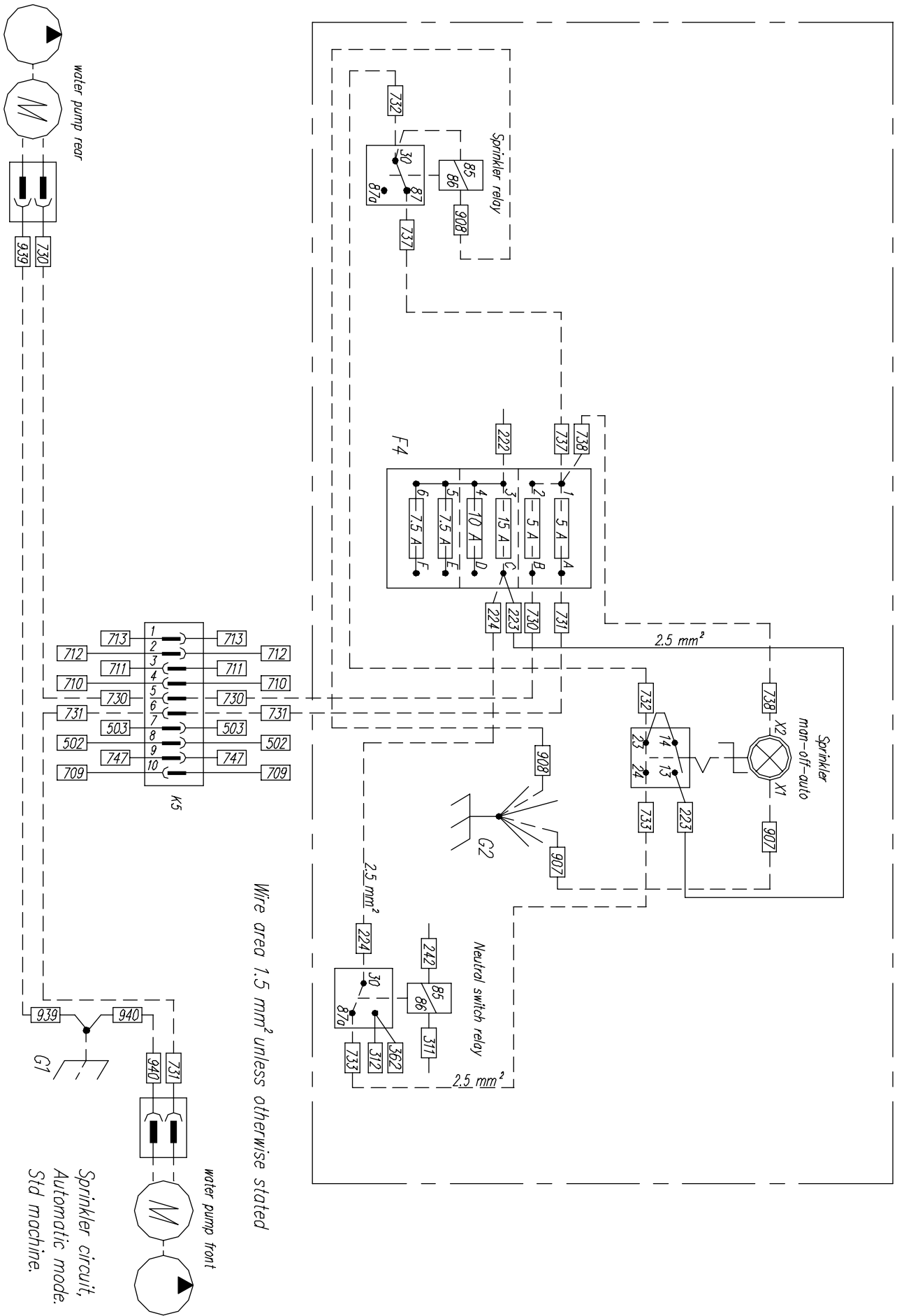
2.5 mm<sup>2</sup>

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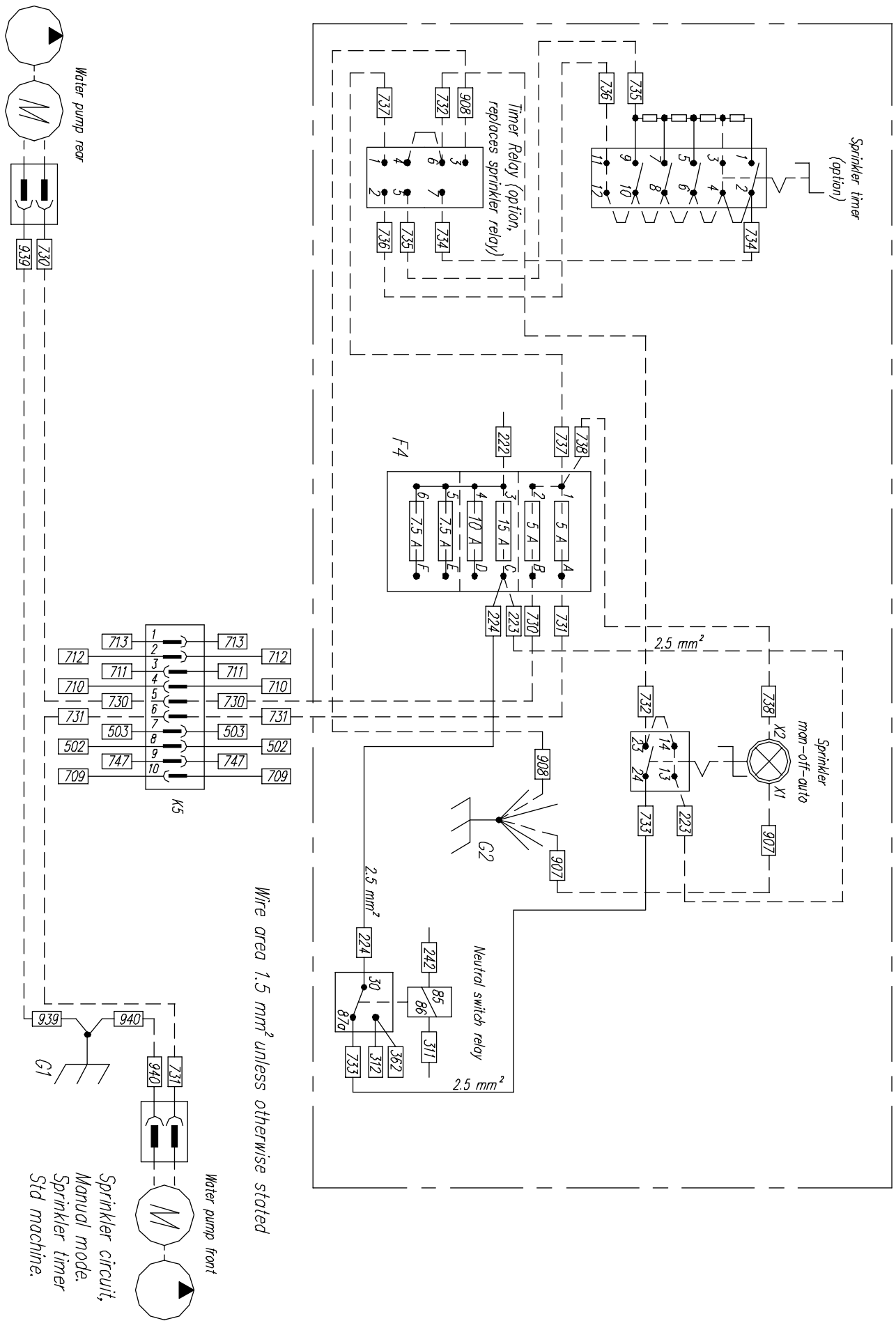
2.5 mm<sup>2</sup>

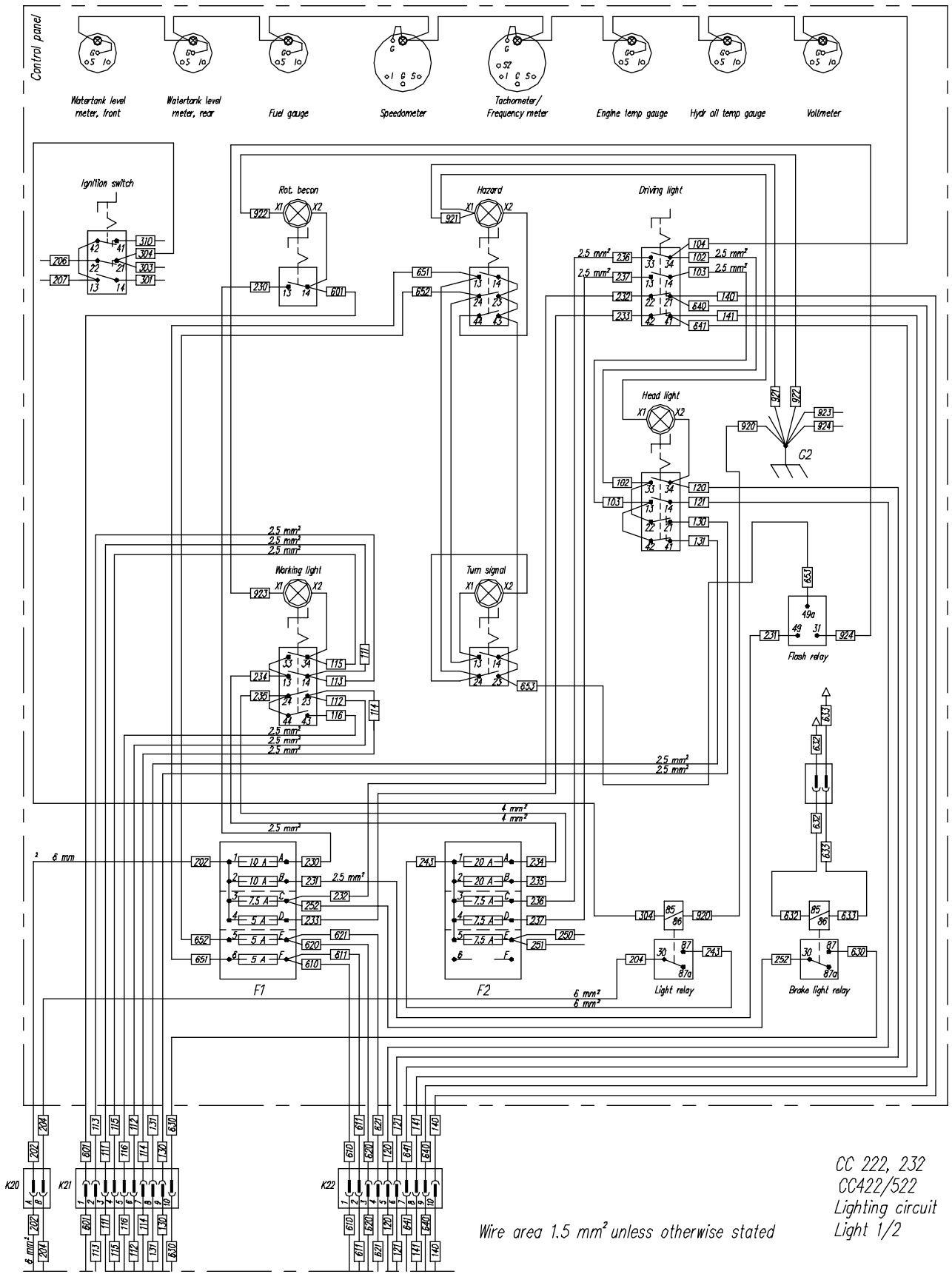










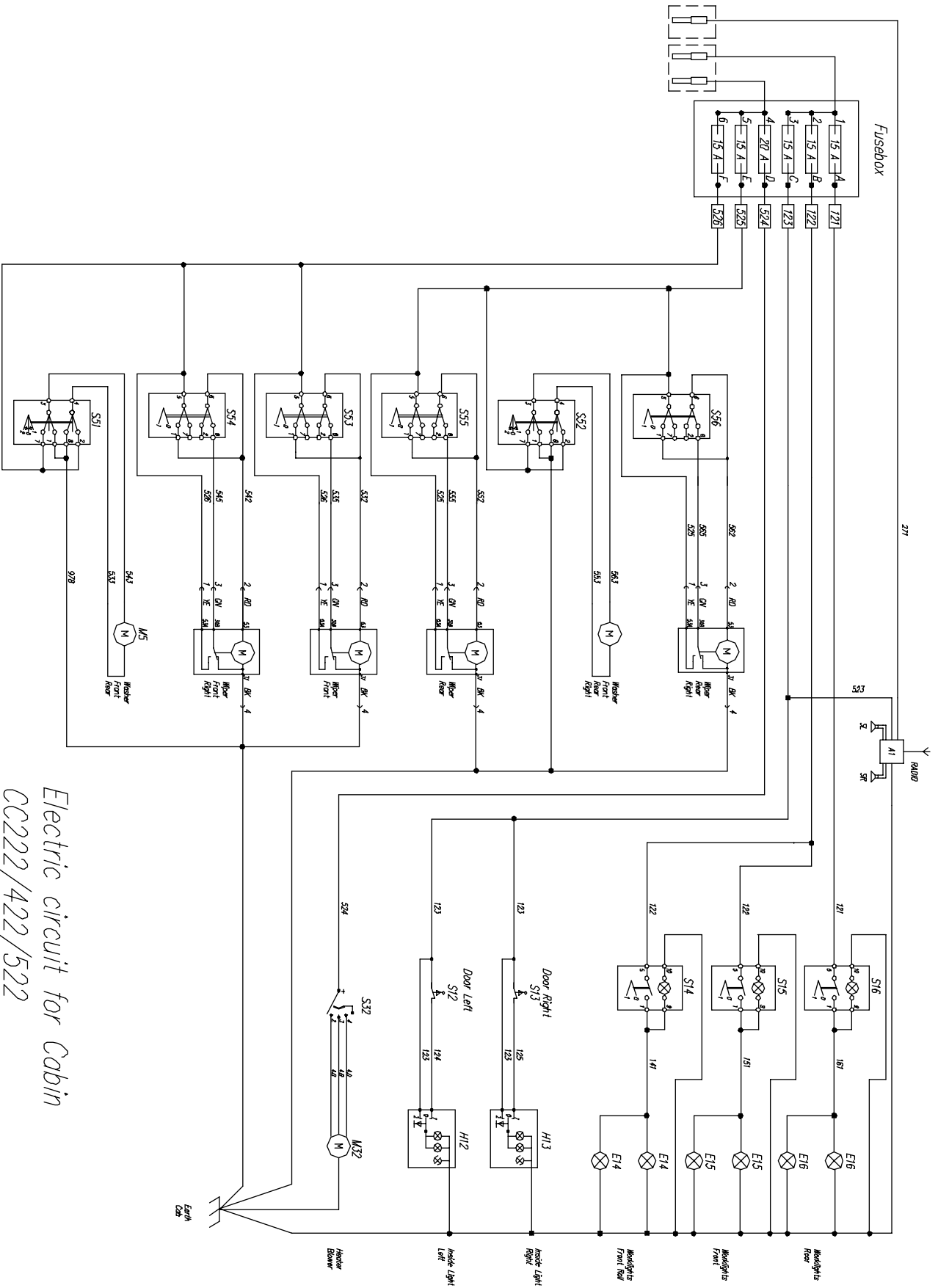


Wire area 1.5 mm<sup>2</sup> unless otherwise stated

CC 222, 232  
 CC422/522  
 Lighting circuit  
 Light 1/2



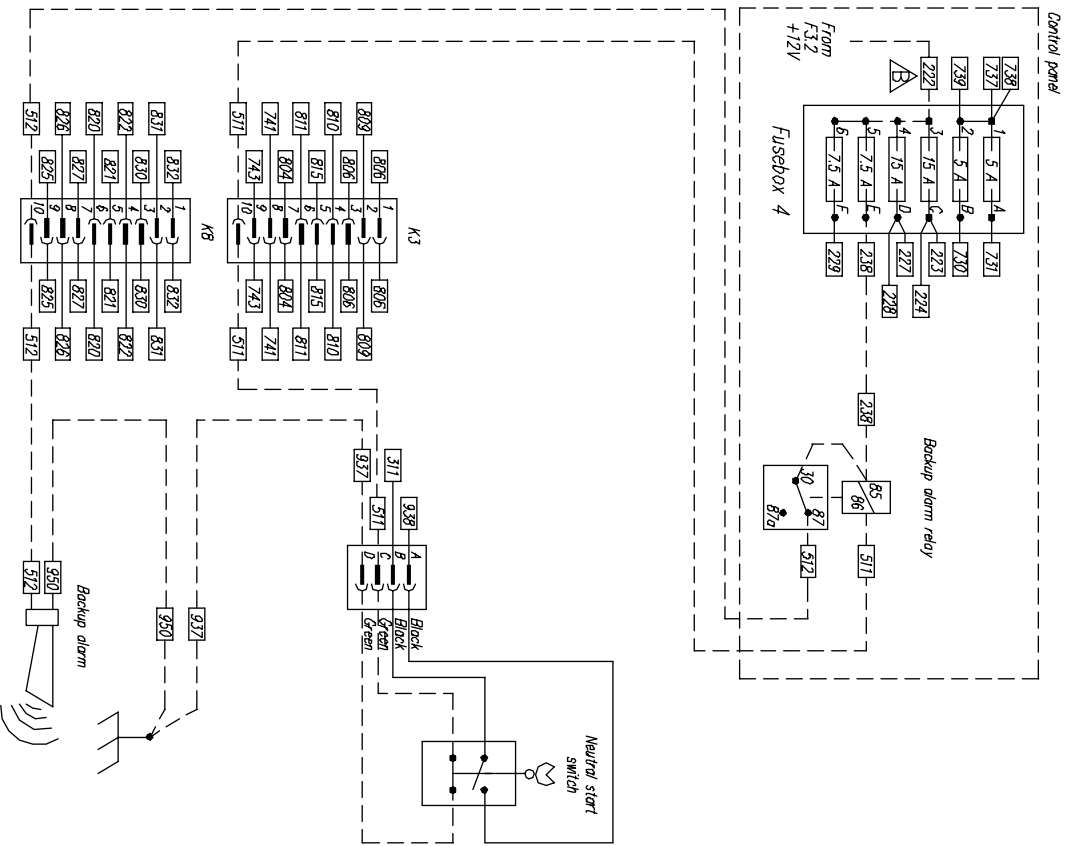




Electric circuit for Cabin  
CC222/422/522



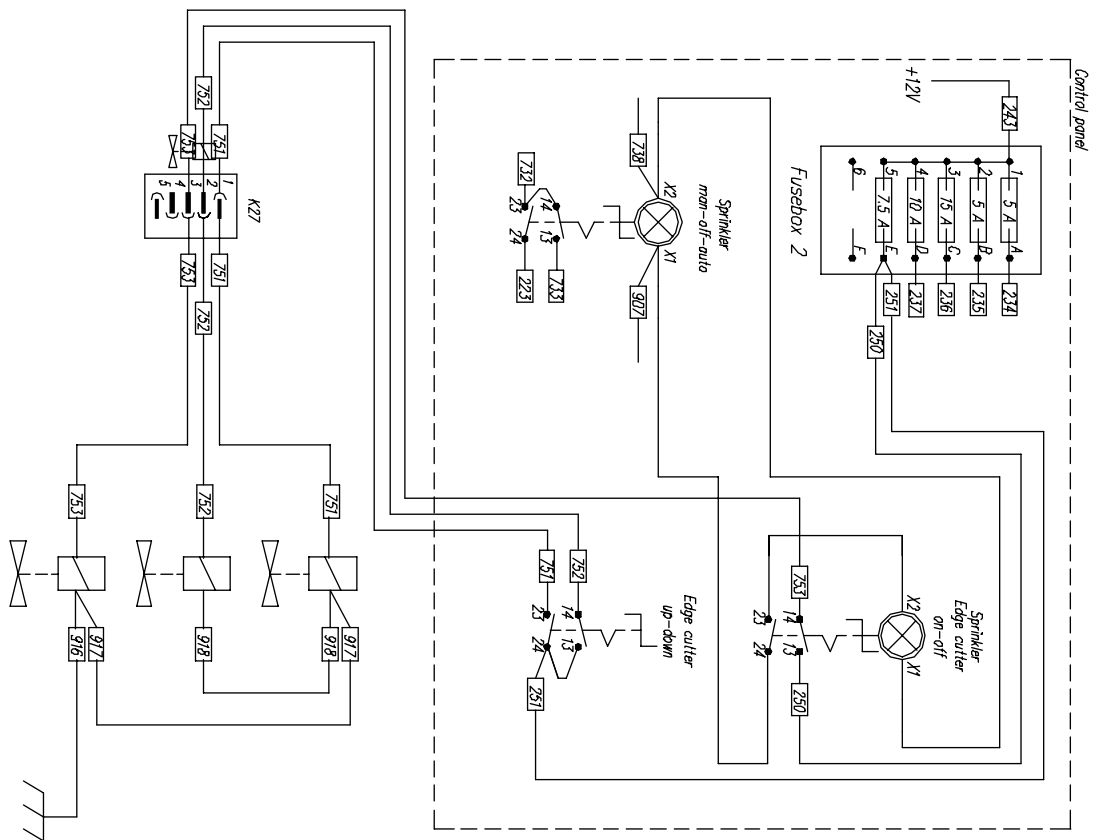




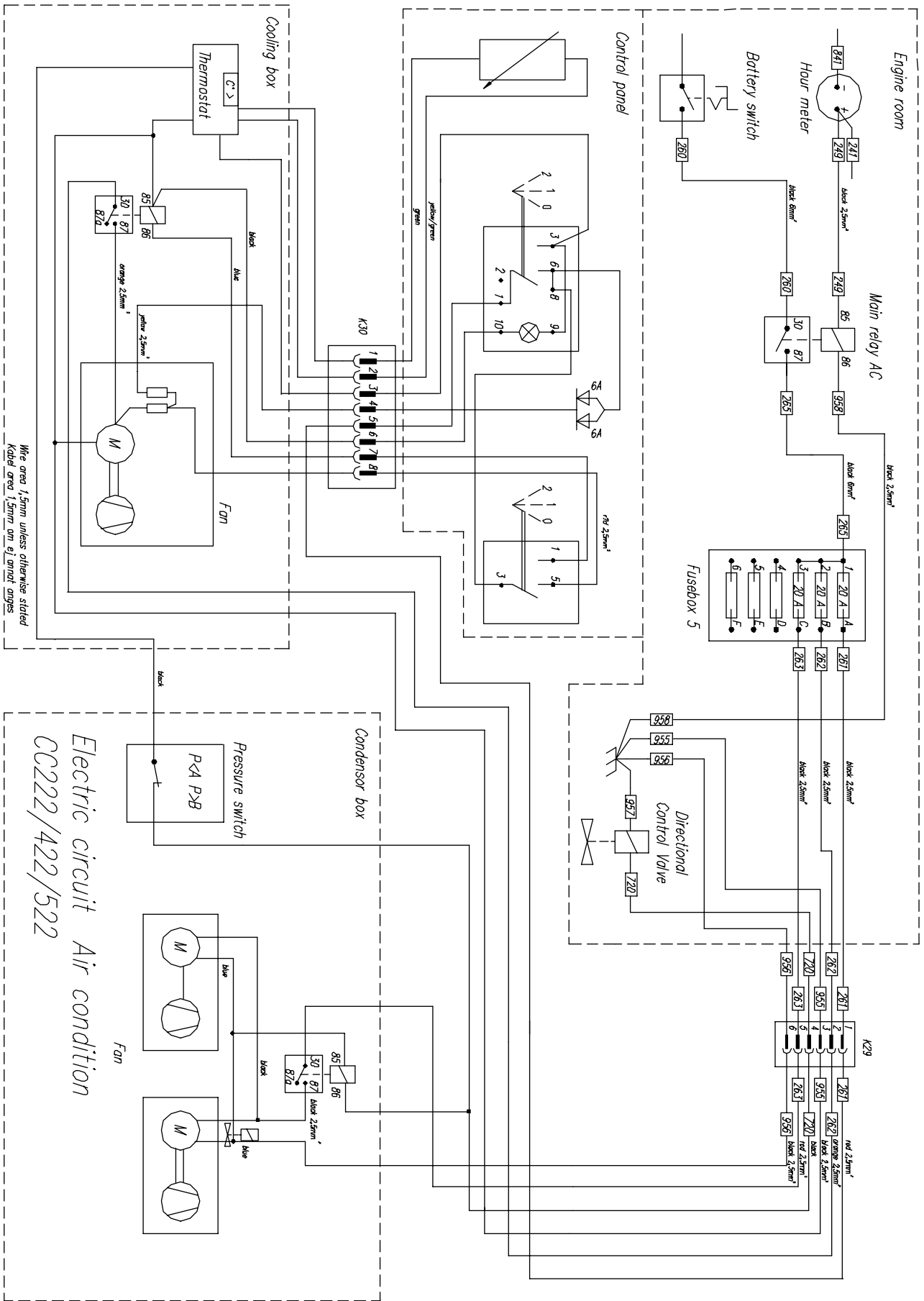
Backup alarm

Machine moving backwards

Wire area 1.5 mm<sup>2</sup> unless otherwise stated  
Ledningsarea 1.5 mm<sup>2</sup> dör annat ej anges



Edge cutter



Electric circuit Air condition  
CC222/422/522