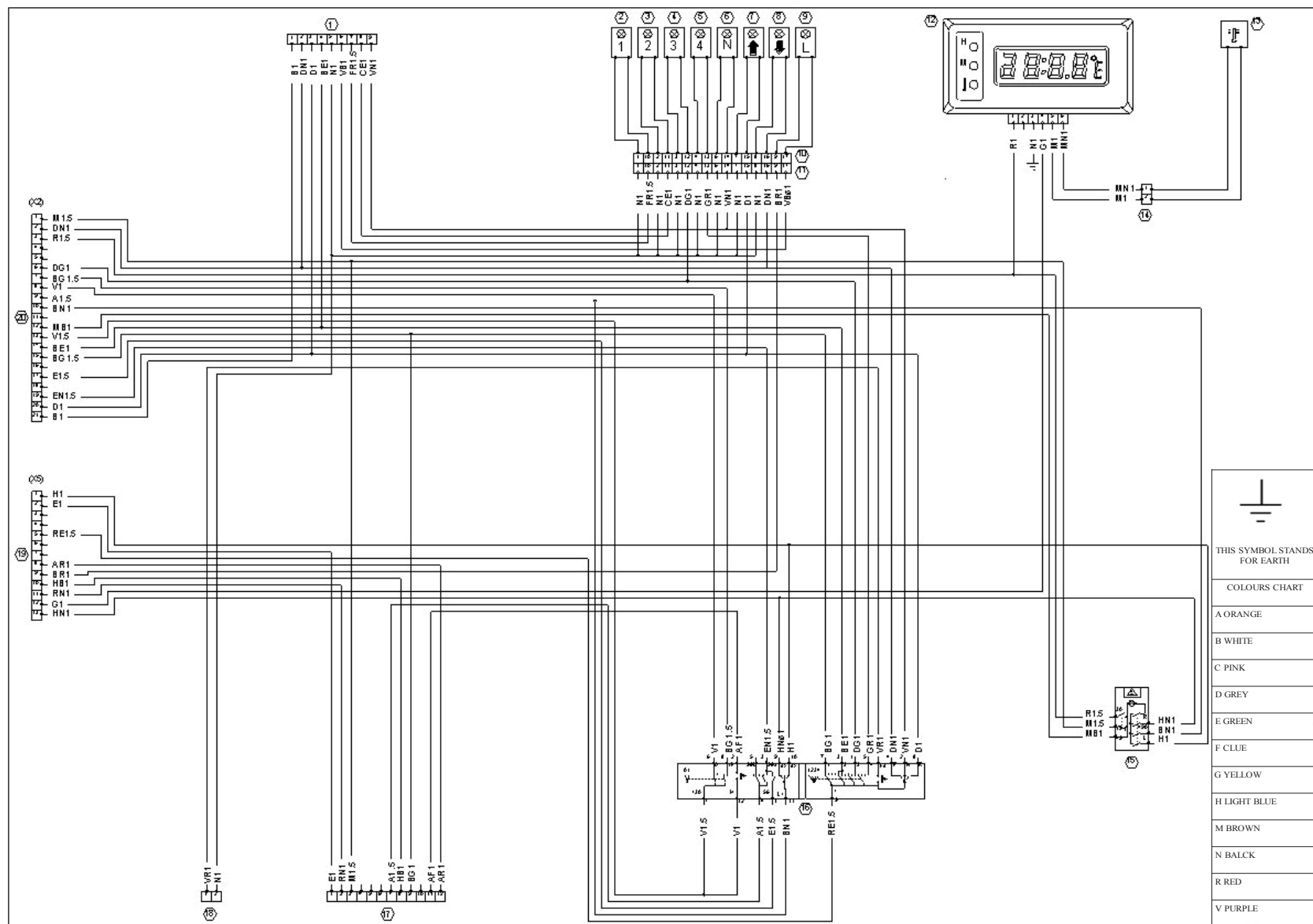
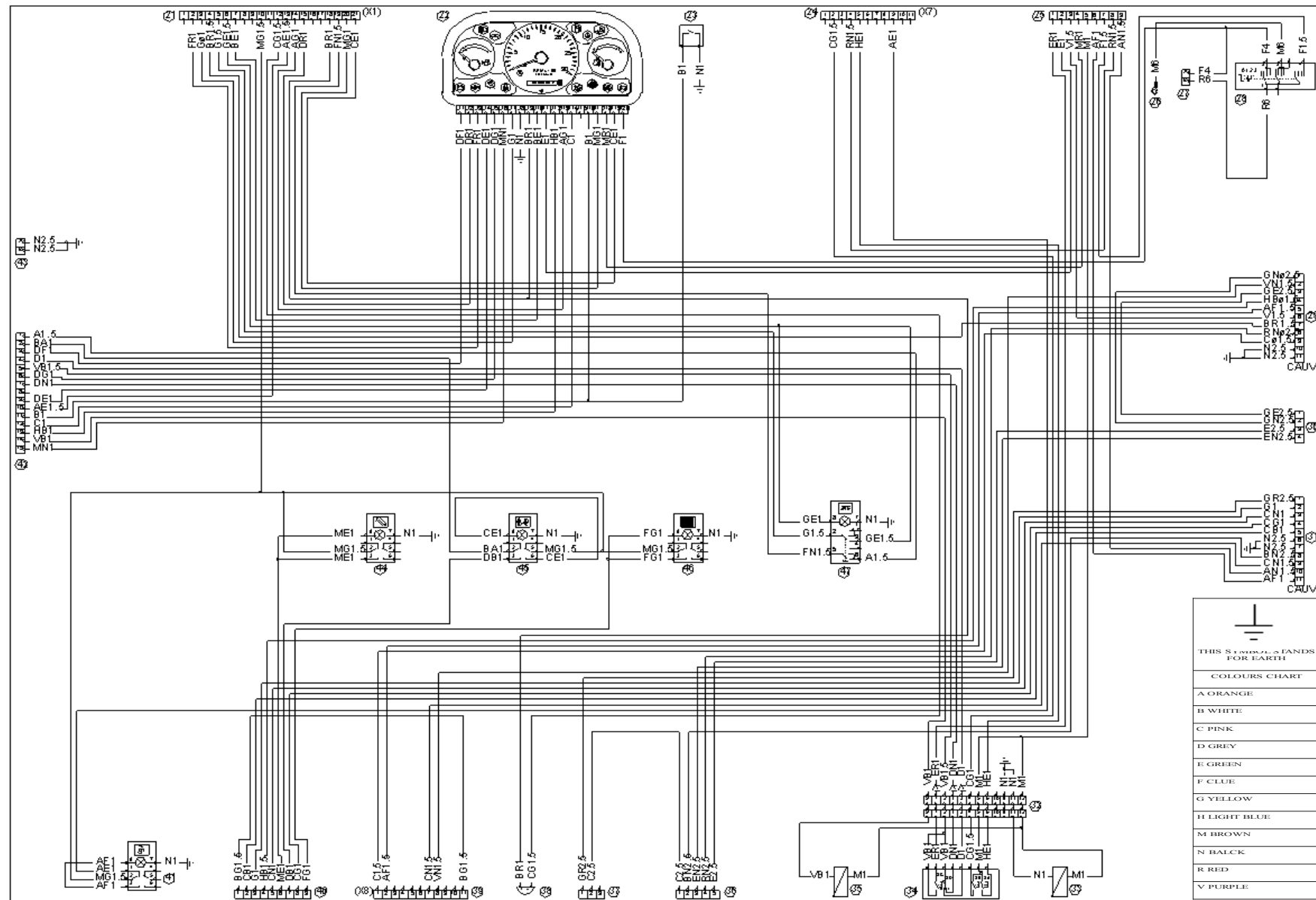


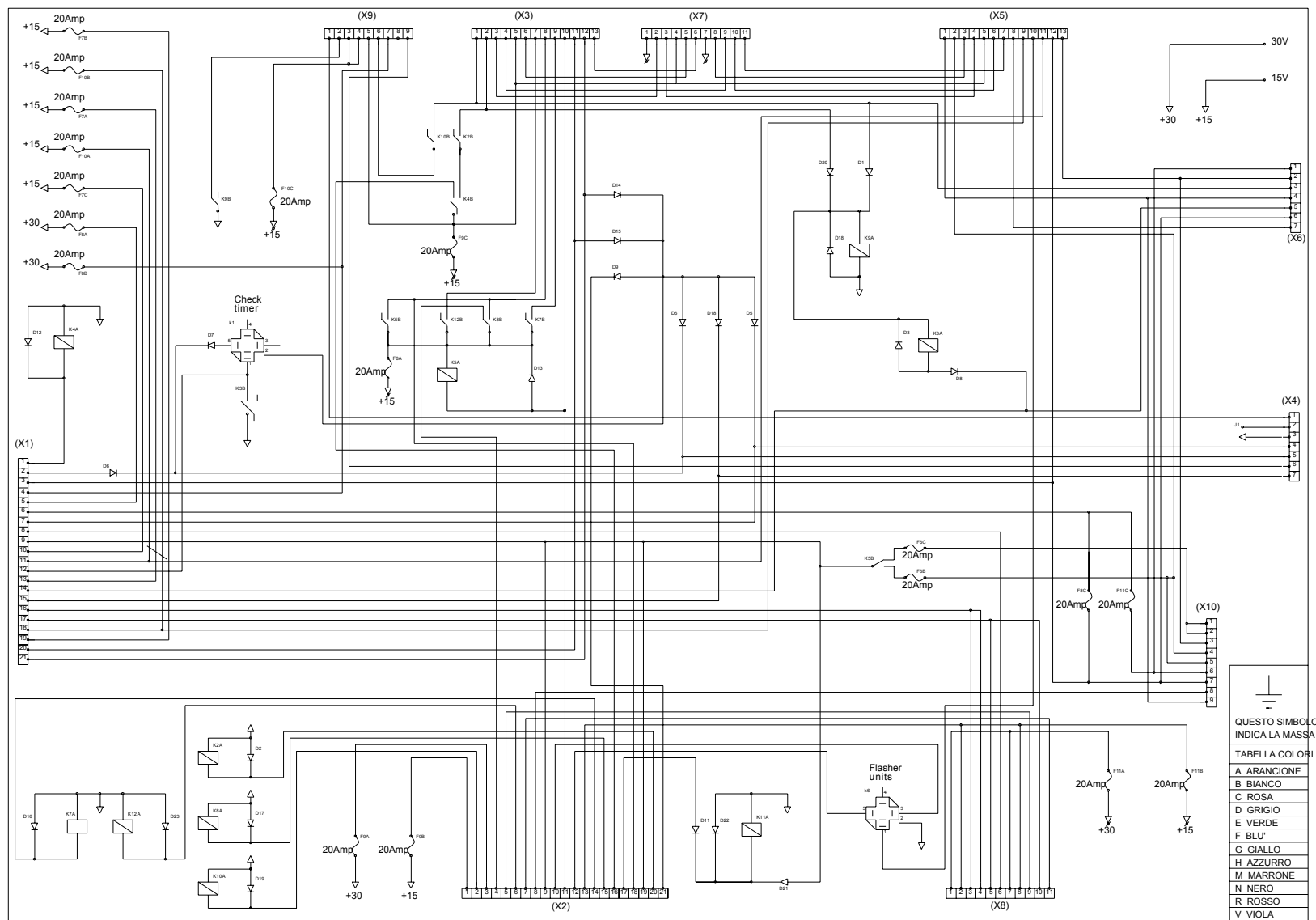
Wiring scheme **impianto colonnetta**



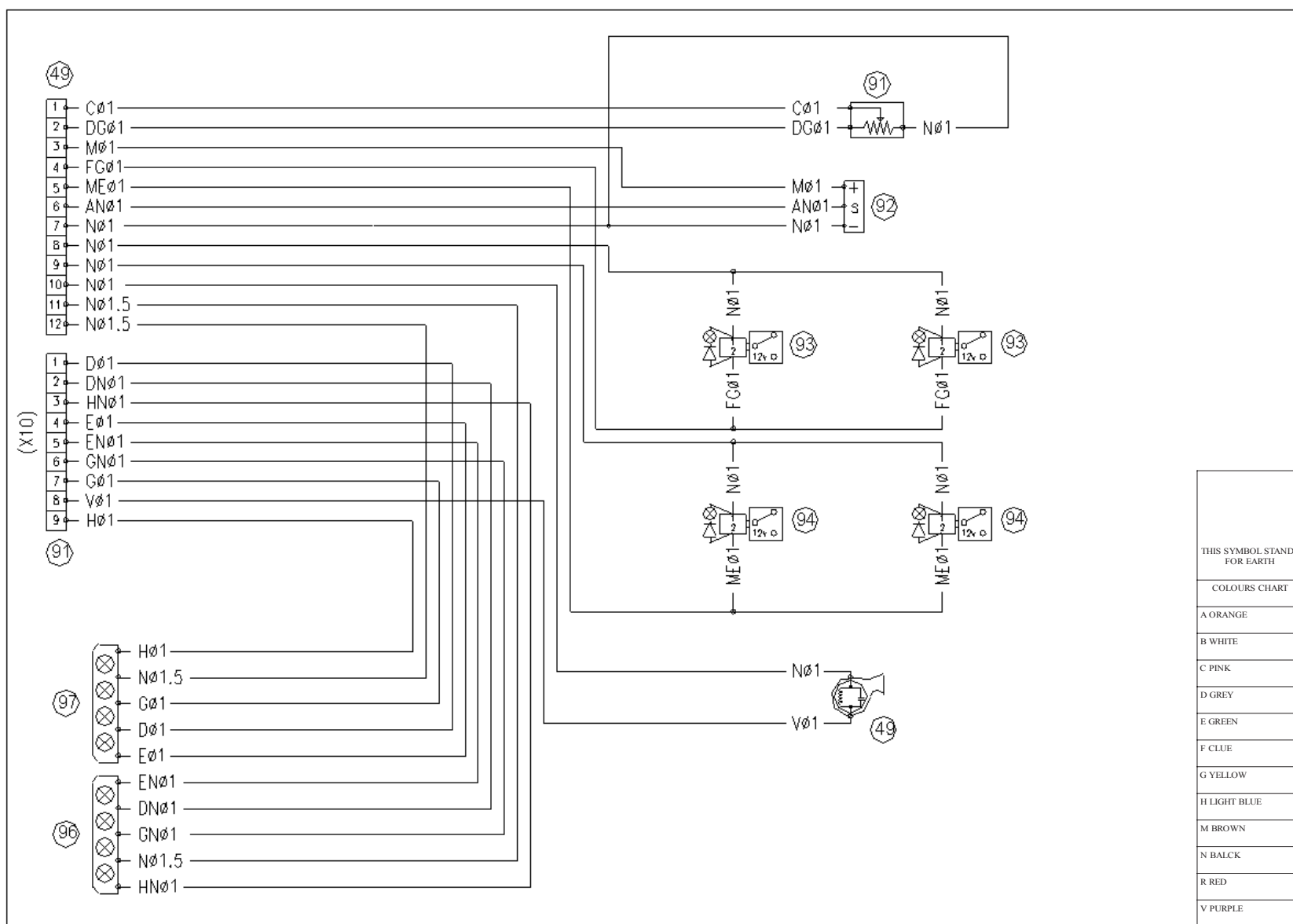
Wiring scheme - side dashboard line



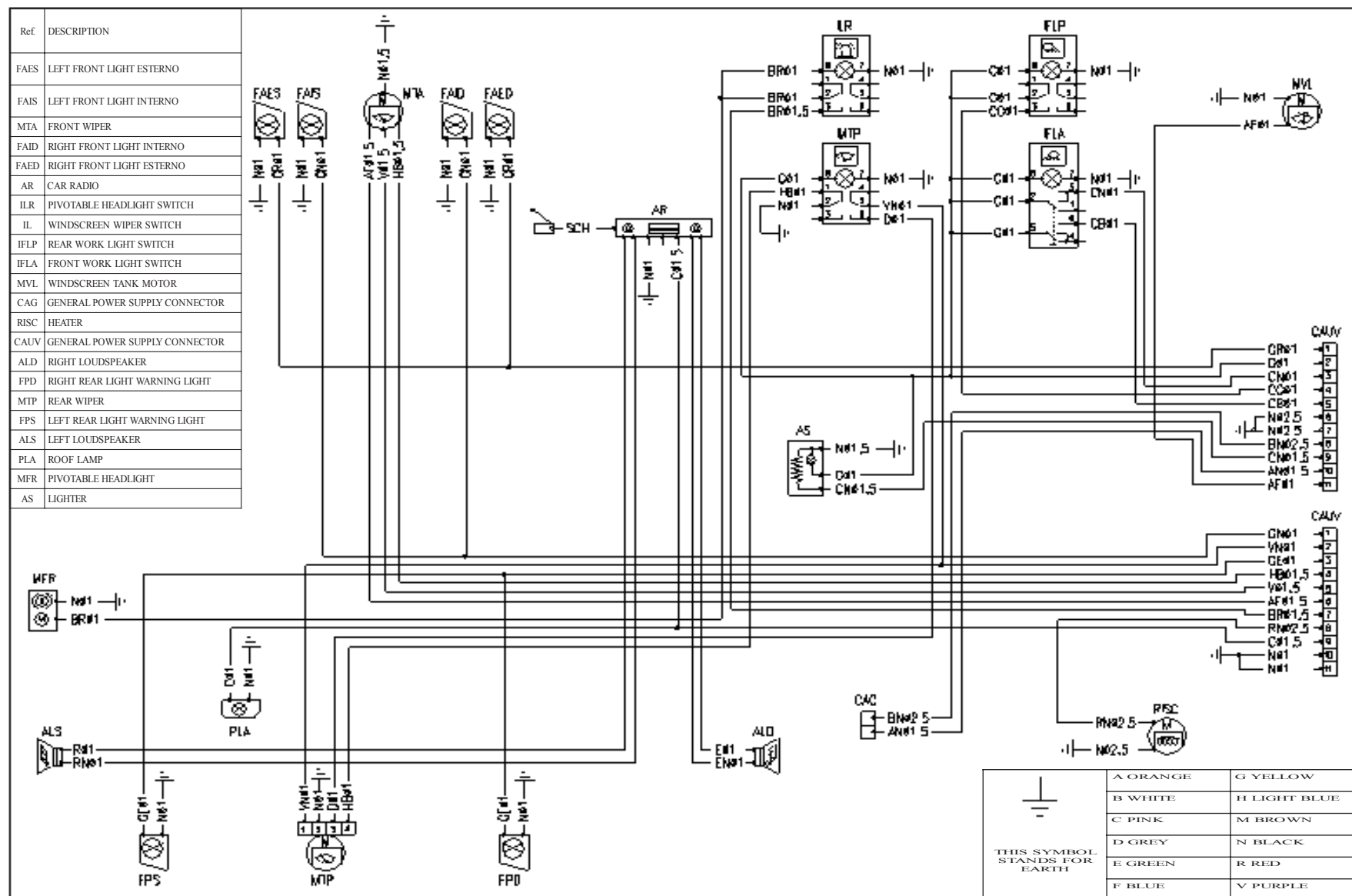
Wiring scheme - central unit



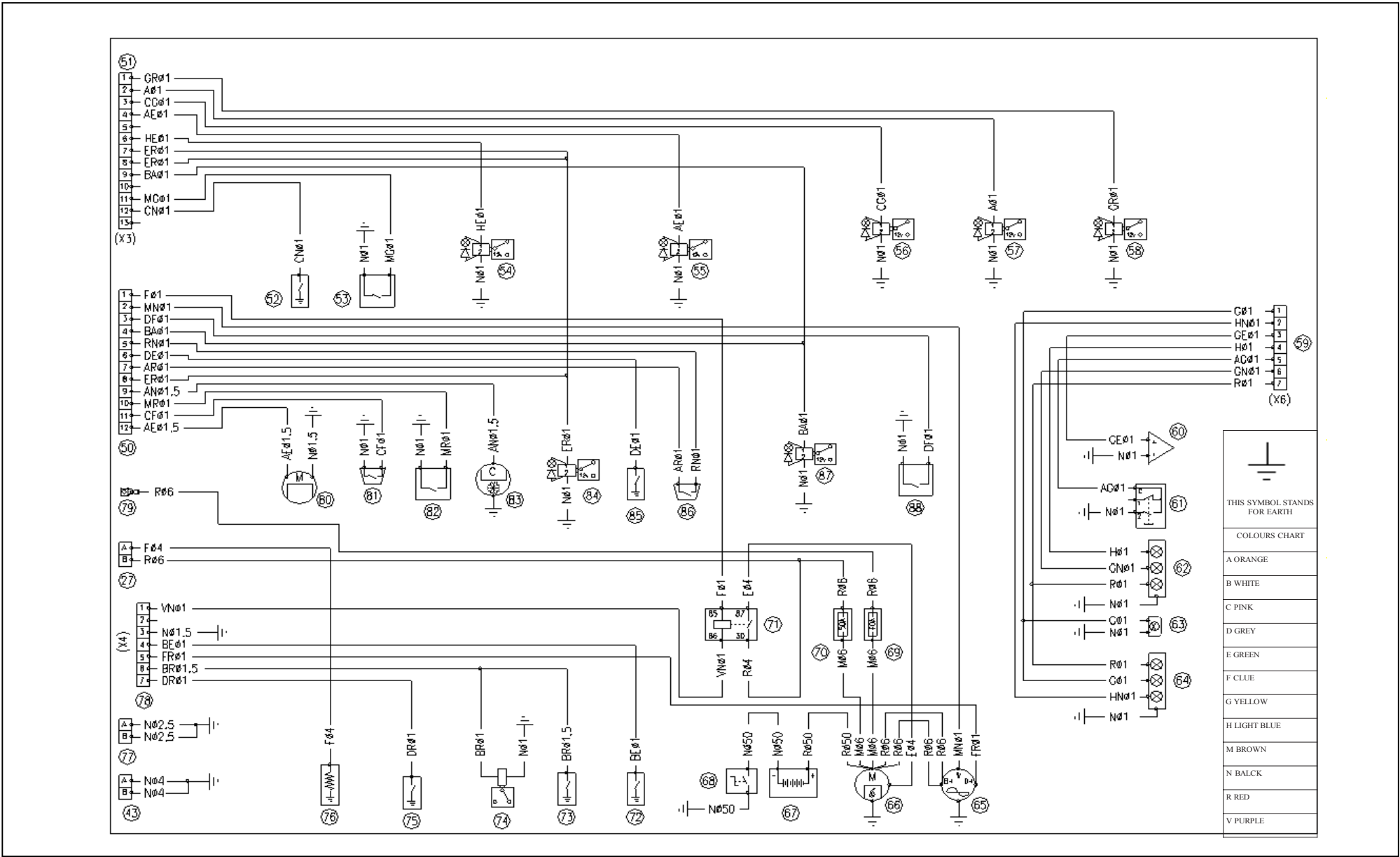
Wiring scheme - front light line



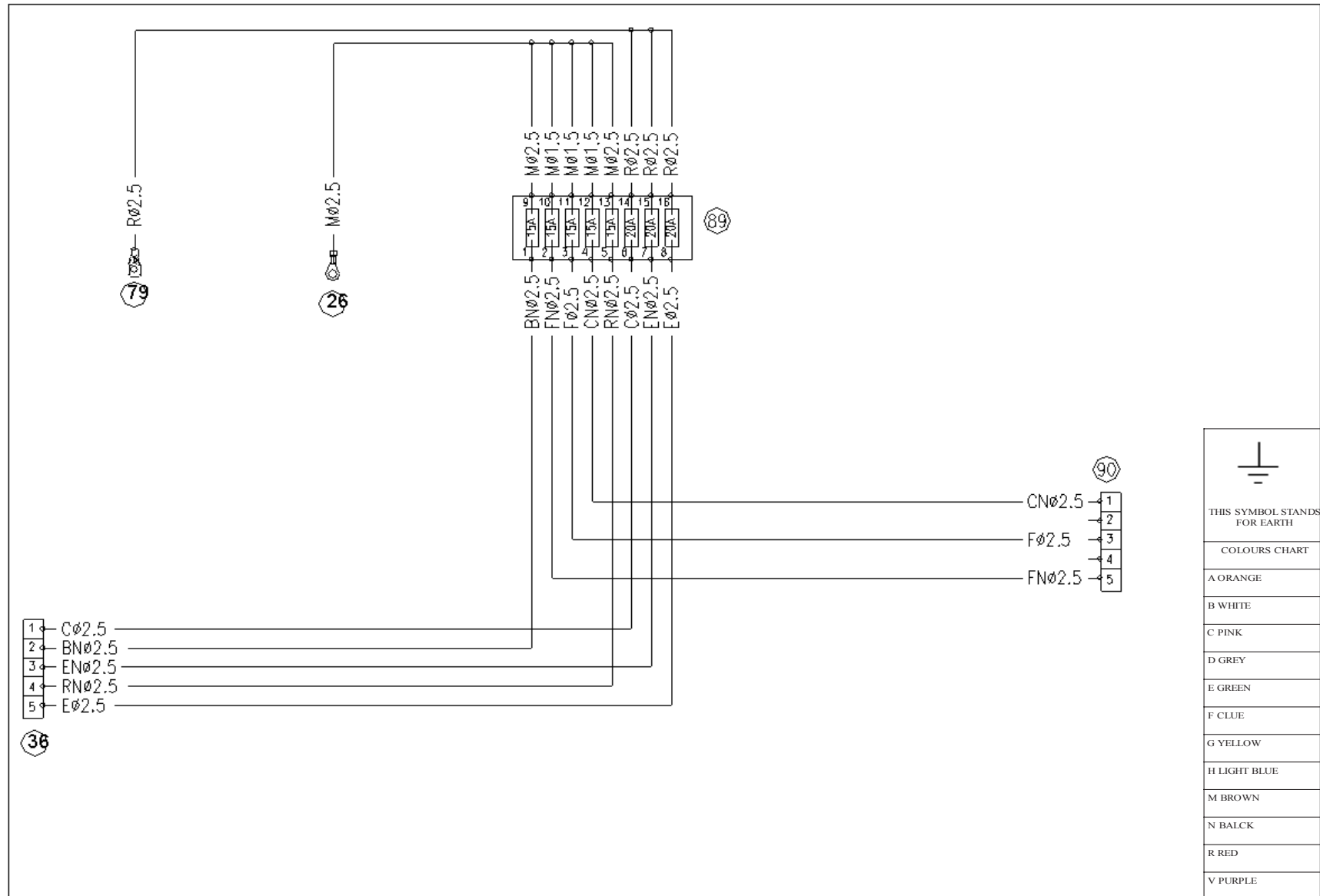
Wiring scheme - cab



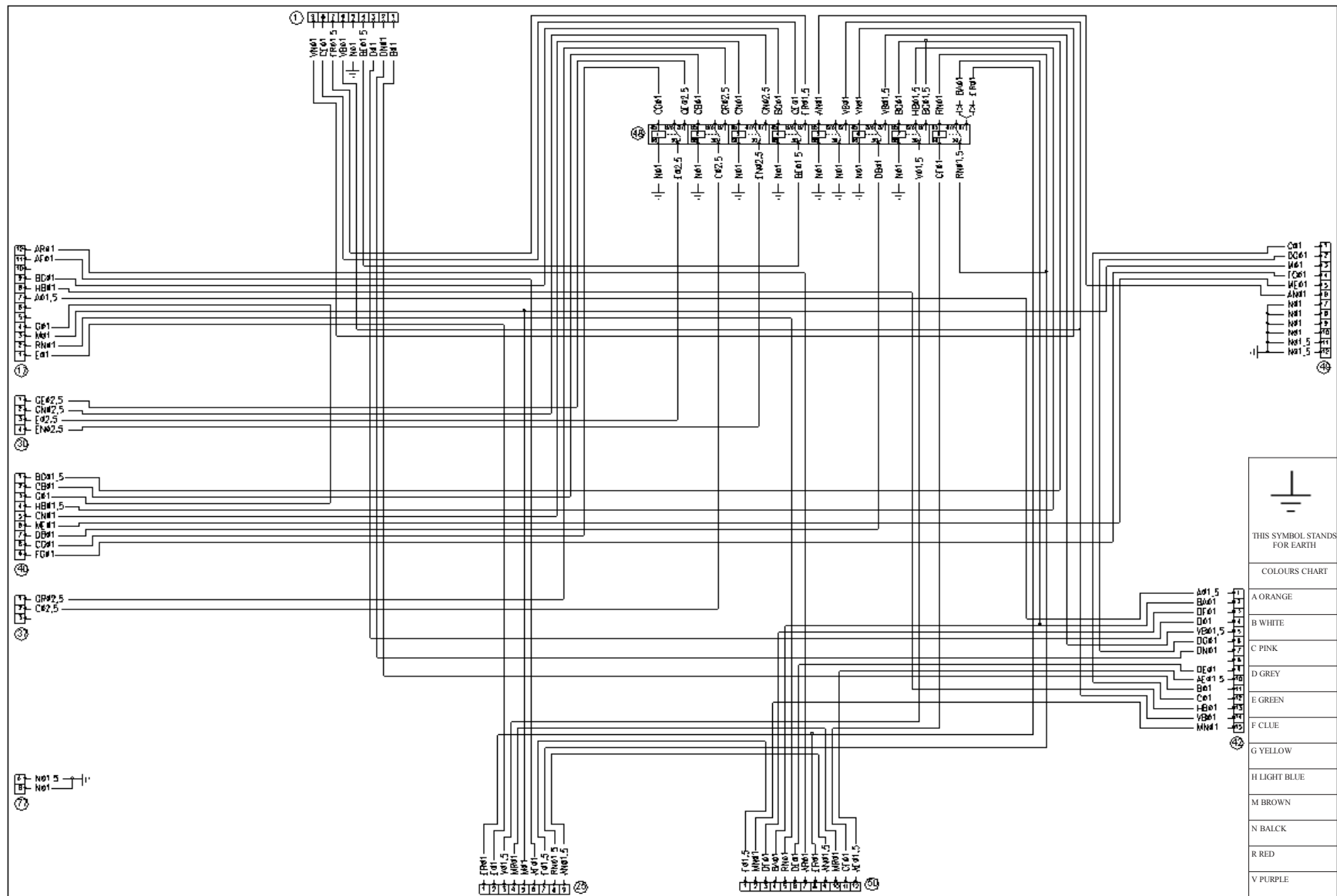
Schema impianto elettrico - engine rear line
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Wiring scheme - fuse carrier line



Wiring scheme - relay diagram



Wiring scheme - description 1

NAME	DESCRIPTION
1	SYSTEM CONNECTION 9 WAY F CONNECTOR
2	FIRST GEAR WARNING LIGHT
3	SECOND GEAR WARNING LIGHT
4	THIRD GEAR WARNING LIGHT
5	FOURTH GEAR WARNING LIGHT
6	NEUTRAL GEAR POSITION WARNING LIGHT
7	FORWARD GEAR WARNING LIGHT
8	REVERSE GEAR WARNING LIGHT
9	BUCKET LEVEL SENSOR WARNING LIGHT
10	WARNING LIGHTS UNIT 17 WAY M CONNECTOR
11	WARNING LIGHTS UNIT 17 WAY F CONNECTOR
12	THERMOMETER-CLOCK INSTRUMENT
13	TEMPERATURE PROBE
14	TEMPERATURE PROBE 2 WAY CONNECTOR
15	DIRECTION INDICATORS EMERGENCY SWITCH
16	LIGHT SWITCH- CHANGE GEAR SWITCH
17	SYSTEM CONNECTION 2 WAY M CONNECTOR (BLACK)
18	OPTIONAL CONNECTION 2 WAY F CONNECTOR
19	SYSTEM CONNECTION (YELLOW) (X5) 8 WAY M CONNECTOR
20	SYSTEM CONNECTION (YELLOW) (X2) 21WAY M CONNECTOR
21	CENTRAL UNIT CONNECTION (X1) 21WAY M CONNECTOR
22	CONTROL PANEL
23	BRAKE LIQUID LEVEL SENSOR
24	CENTRAL UNIT CONNECTION (X2) 11WAY M CONNECTOR
25	SIDE DASHBOARD LINE 9 WAY CONNECTOR
26	
27	SIDE DASHBOARD LINE CONNECTION 2 WAY POWER CONNECTOR
28	IGNITION KEY SWITCH
29	CAB CONNECTION 11WAY M CONNECTOR
30	SIDE DASHBOARD LINE CONNECTION 11WAY POWER CONNECTOR
31	CAB CONNECTION 11WAY M CONNECTOR
32	MANIPULATOR ACTIVATING CONNECTION 12 WAY CONNECTOR
33	JOYSTICK LOCKING ELECTROMAGNET
34	FORWARD MOVEMENT JOYSTICK
35	JOYSTICK LOCKING ELECTROMAGNET
36	SIDE DASHBOARD LINE CONNECTION 5 WAY CONNECTOR
37	SIDE DASHBOAR LINE CONNECTION 2 WAY POWER CONNECTOR
38	ALARM BUZZER
39	CENTRAL UNIT (X8) 11WAY M CONNECTOR
40	SIDE DASHBOARD LINE CONNECTION 9 WAY CONNECTOR
41	ROAD SAFETY SWITCH
42	SIDE DASHBOARD LINE CONNECTION 15 WAY CONNECTOR
43	SIDE DASHBOARD LINE CONNECTION 2 WAY POWER CONNECTOR
44	HYDRAULIC CYLINDERS BLOCK SWITCH
45	MANIPULATOR OPERATION ACTIVATING SWITCH
46	ANTI-PITCH SWITCH
47	SIDE LIGHTS SWITCH

NAME	DESCRIPTION
48	RELAY UNIT
49	FRONT LIGHTS LINE CONNECTION 12 WAY CONNECTOR
50	REAR ENGINE LINE CONNECTION 12 WAY CONNECTOR
51	CENTRAL UNIT (X3) CONNECTION 13 WAY M CONNECTOR
52	HYDRAULIC OIL TEMPERATURE SENSOR
53	CLOGGED HYDRAULIC OIL FILTER SENSOR
54	MANIPULATOR SOLENOID VALVE (ON REQUEST)
55	ROAD SAFETY SOLENOID VALVE
56	MANIPULATOR SOLENOID VALVE (ON REQUEST)
57	FORWARD GEAR SOLENOID VALVE
58	REVERSE GEAR SOLENOID VALVE
59	CENTRAL UNIT (X6) CONNECTION 9 WAY M CONNECTOR
60	RIVERSE GEAR BUZZER
61	PARKING BRAKE SWITCH
62	REAR RIGHT LIGHT
63	NUMBER PLATE LIGHT
64	REAR LEFT LIGHT
65	ALTERNATOR
66	STARTER
67	12V BATTERY
68	BATTERY DISCONNECTION SWITCH
69	SYSTEM PROTECTION MAXIFUSE
70	STARTING DEVICE RELAY PROTECTION MAXIFUSE
71	STARTING DEVICE RELAY
72	WATER TEMPERATURE WARNING LIGHT SENSOR
73	COLD START SENSOR
74	MOTOR STOP SOLENOID VALVE
75	ENGINE OIL PRESSURE SENSOR
76	THERMOSTARTER
77	RELAY LINE CONNECTION 2 WAY POWER CONNECTOR
78	CENTRAL UNIT (X4) CONNECTION 2 WAY M CONNECTOR
79	
80	PNEUMATIC SEAT MOTOR
81	HYDRAULIC POWER STEERING PRESSURE SWITCH
82	HYDRAULIC OIL AND BRAKE ACCUMULATOR PRESSURE SENSOR
83	AIR CONDITIONING COMPRESSOR
84	FIRST GEAR SOLENOID VALVE
85	WATER TEMPERATURE INDICATOR SENSOR
86	HYDROSTOP
87	SECOND GEAR SOLENOID VALVE
88	CLOGGED AIR FILTER SENSOR

Wiring scheme - description 2

NAME	DESCRIPTION
89	FUSE CARRIER BOX
90	FUSE CARRIER BOX CONNECTION 5 WAY F CONNECTOR
91	FUEL LEVEL FLOATER
92	BOOM SENSOR
93	ANTI – PITCH DEVICE SOLENOID VALVE
94	HYDRAULIC CYLINDER BLOCK SOLENOID VALVE
95	BUZZER
96	FRONT LEFT LIGHT
97	FRONT RIGHT LIGHT
98	CENTRAL UNIT (X10) CONNECTION 9 WAY M CONNECTOR
99	
100	

Wiring scheme - connectors

21-WAY-X1 CONNECTOR
1 ON REQUEST
2 GENERATOR WARNING LIGHT
3 EQUIPMENT LIGHTING
4 PIVOTABLE HEADLIGHT PUSH SWITCH FEED
5 SIDE LIGHTS SWITCH FEED
6 SIDE LIGHTS SWITCH 58
7 H 20 WARNING LIGHT
8 ON REQUEST
9 ON REQUEST
10 SWITCH FEEDS FOR HYDRAULIC CYLINDERS BLOCK, ACTIVATION OF MANIPULATOR, ANTI-PITCH DEVICE, ROAD SAFETY
11 ON REQUEST
12 ALARM BUZZER
13 PNEUMATIC SEAT MOTOR FEED
14 PARKING BRAKE WARNING LIGHT
15 MOTOR OIL PRESSURE WARNING LIGHT
16 ON REQUEST
17 ON REQUEST
18 CONTROL PANEL FEED, ALARM BUZZER
19 SIDE LIGHTS SWITCH FEED
20 OIL FILTER WARNING LIGHT
21 HYDRAULIC OIL TEMPERATURE WARNING LIGHT
21-way-X2 connector
EMERGENCY DIRECTIONAL INDICATORS SWITCH FEED + 15, BOOM SENSOR, MANIPULATOR ACTIVATING
1 ACTIVATING
2 REVERSE GEAR
3 CLOCK – THERMOMETER INSTRUMENT FEED, EMERGENCY DIRECTIONAL INDICATORS
4 ON REQUEST
5 ON REQUEST
6 THIRD GEAR
7 WINDSCREEN WIPER FIRST SPEED POSITION
8 WINDSCREEN WIPER SWITCH FEED
9 ON REQUEST
10 DIRECTIONAL INDICATORS INTERMITTENCE L
11 ON REQUEST
12 DIRECTIONAL INDICATORS INTERMITTENCE FEED
13 WINDSCREEN WIPER SWITCH FEED
14 SECOND GEAR
15 FIRST GEAR
16 ON REQUEST
17 SWITCH FEED 56
18 ON REQUEST
19 HIGH/LOW BEAM FEED

20 FORWARD GEAR
21 BRAKE LIQUID LEVEL SENSOR
13-way-X3 Connector
1 SOLENOID VALVE FOR REVERSE GEAR
2 SOLENOID VALVE FOR FORWARD GEAR
3 SOLENOID VALVE FOR MANIPULATOR (ON REQUEST)
4 SOLENOID VALVE FOR ROAD SAFETY
5 ON REQUEST
6 SOLENOID VALVE FOR MANIPULATOR (ON REQUEST)
7 SOLENOID VALVE FOR FIRST GEAR
8 SOLENOID VALVE FOR FIRST GEAR
9 SOLENOID VALVE FOR SECOND GEAR
10 ON REQUEST
CLOGGED HYDRAULIC OIL FILTER SENSOR WARNING
11 LIGHT
12 HYDRAULIC OIL TEMPERATURE SENSOR
13 ON REQUEST
7-way-X4 Connector
1 START-UP RELAY EXCITATION
2 ON REQUEST
3 GROUND
4 WATER TEMPERATURE WARNING LIGHT SENSOR
5 GENERATOR WARNING LIGHT
6 COLD START SENSOR, ENGINE STOP SOLENOID
7 MOTOR OIL PRESSURE SENSOR
13-way-X5 Connector
1 RIGHT DIRECTIONAL INDICATOR
2 HIGH BEAMS WARNING LIGHT
3 ON REQUEST
4 ON REQUEST
5 FORWARD MOVEMENT SWITCH FEED
6 ON REQUEST
7 ON REQUEST
8 STOPLIGHTS
9 REVERSE GEAR WARNING LIGHT
10 DIRECTIONAL INDICATORS WARNING LIGHT
11 HYDROSTOP FEED
12 THERMOMETER-CLOCK INSTRUMENT LIGHTING
13 LEFT DIRECTIONAL INDICATOR
7-way-X6 Connector
1 LEFT REAR SIDE LIGHT, NUMBER PLATE LIGHT
2 LEFT DIRECTIONAL INDICATOR
3 REVERSE GEAR BUZZER
4 RIGHT DIRECTIONAL INDICATOR

5 PARKING BRAKE
6 RIGHT REAR SIDE LIGHT
7 STOPLIGHTS
11-way-X7 Connector
9 ON REQUEST
10 B STEERED SOLENOID VALVE
11 ON REQUEST
12 POWER UNIT GENERAL FEED
13 B STEERED SOLENOID VALVE
14 ON REQUEST
15 ON REQUEST
16 ON REQUEST
17 FRONT SENSOR
18 ON REQUEST
19 ON REQUEST
20 11-way-X8 Connector
21 CAR RADIO AND CAB ROOF LAMP
P/A FRONT WINDSCREEN WIPER ENGINE FEED
1 ON REQUEST
2 ON REQUEST
3 ON REQUEST
4 ON REQUEST
5 LIGHTER FEED
6 FRONT WINDSCREEN WIPER SWITCH FEED, FRONT WINDSCREEN WIPER ENGINE
7 ON REQUEST
8 ON REQUEST
9 FRONT WIPER RETURN
10 9-way-X9 CONNECTOR
11 CONNECTION CONNECTOR FOR ANTITHEFT DEVICE (ON REQUEST)
12 9-way-X10 Connector
13 RIGHT DIPPED HEADLIGHT
14 LEFT DIPPED HEADLIGHT
15 FRONT LEFT DIRECTIONAL INDICATOR
16 RIGHT HIGH BEAM
17 LEFT HIGH BEAM
18 FRONT LEFT SIDE LIGHT
19 FRONT RIGHT SIDE LIGHT
20 11-way-X7 Connector
21 ON REQUEST
B STEERED SOLENOID VALVE
ON REQUEST