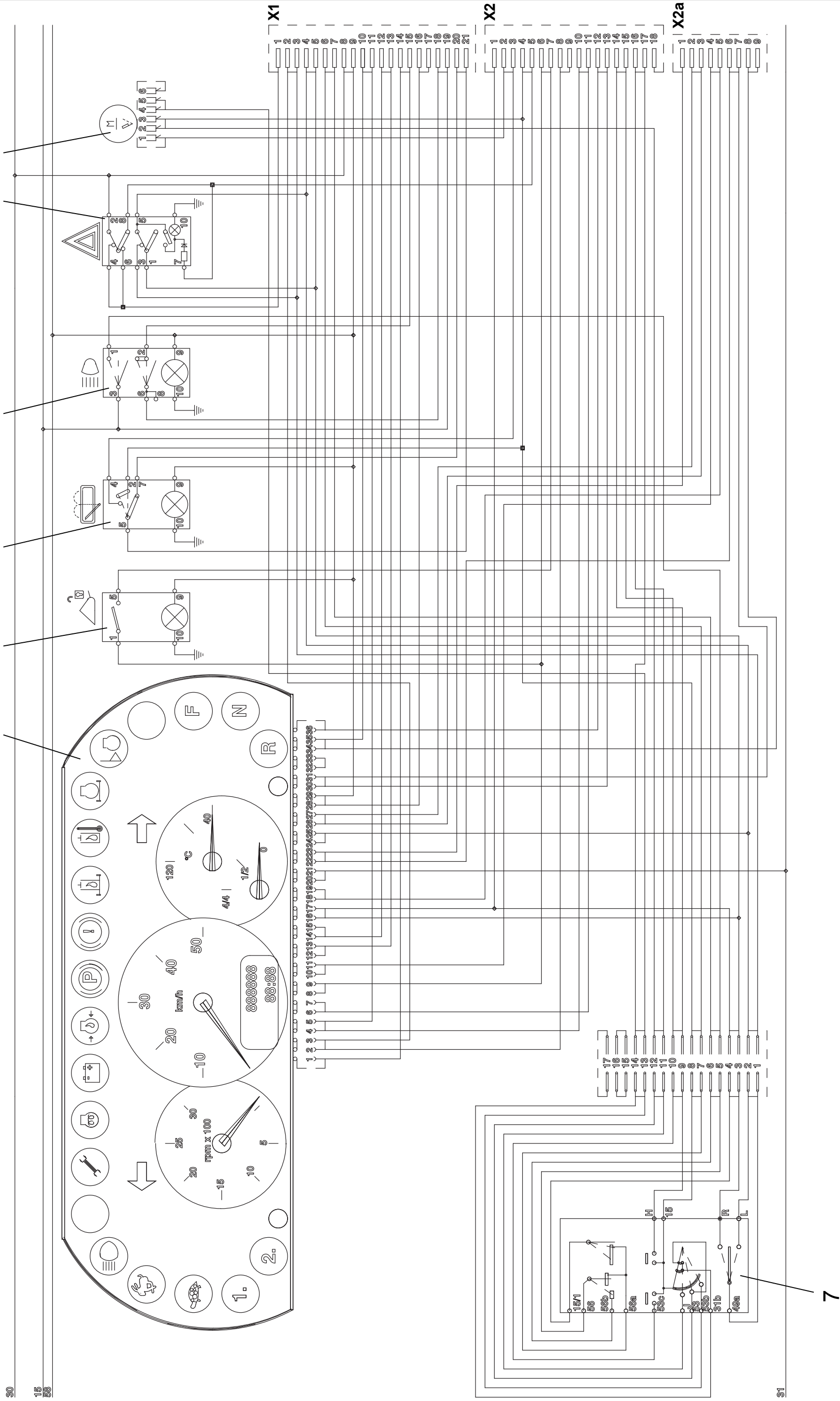


Circuit diagrams

10.1 - 06.2008 Elektrik-Schaltplan/Schéma électrique/Wiring diagramm/Elektrisch schakelschema/El-oversigt/Elektriskdiagram/
Diagrama de conexiones eléctricas/Elektrisk koblingsskjema/El-kopplingsschema/Esquema de circuitos eléctricos/
Sähkökytkentäkaavio



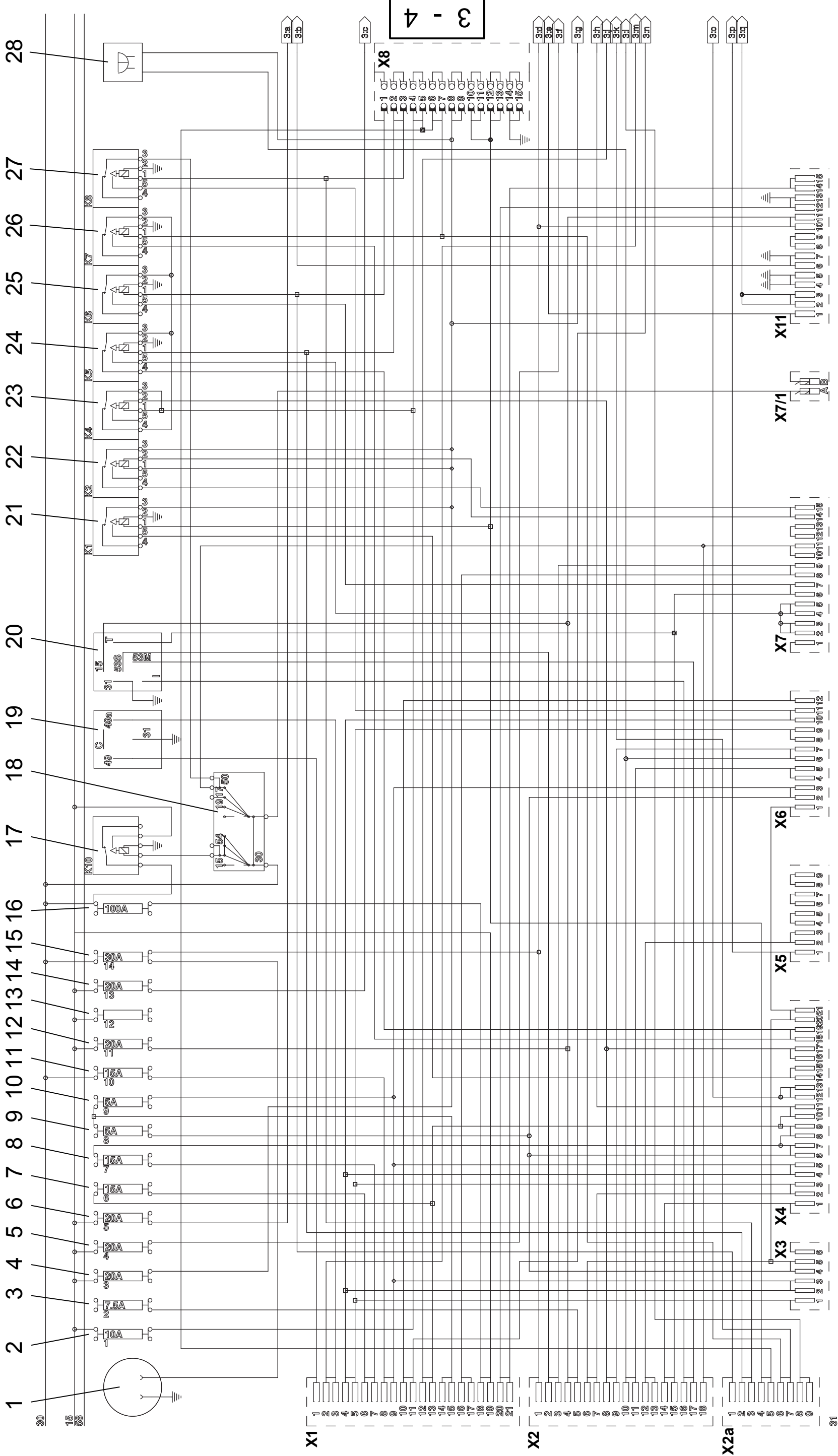
10.1 Electric circuit diagram**Sheet/item Designation**

1-4/1	Multifunction panel
1-4/2	Actuator: release of quick-change device
1-4/3	Actuator: rear window wiper/washer
1-4/4	Actuator: road lights
1-4/5	Actuator: Hazard flasher
1-4/6	Windshield wiper motor, front
1-4/7	Steering column switch

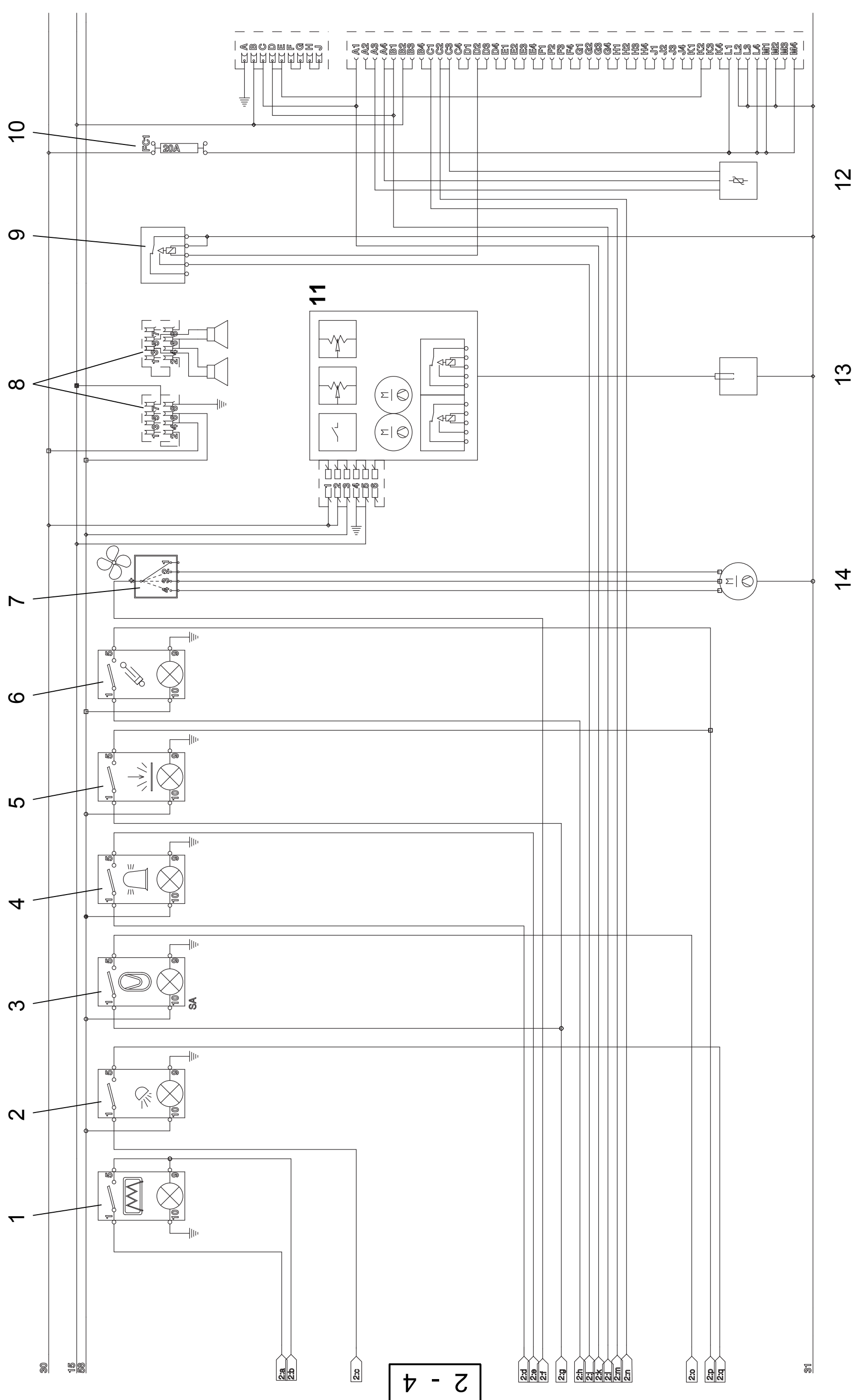
Sheet/item	Designation
------------	-------------

2-4/1	2-pole socket
2-4/2	Fuse 10,0 A (traction drive)
2-4/3	Fuse 7,5 A (turn signal)
2-4/4	Fuse 20,0 A (hydraulics/brake light)
2-4/5	Fuse 20,0 A (heater)
2-4/6	Fuse 20,0 A (rear window heater)
2-4/7	Fuse 15,0 A (high beam)
2-4/8	Fuse 15,0 A (low beam)
2-4/9	Fuse 5,0 A (parking light, tail light left)
2-4/10	Fuse 5,0 A (parking light, tail light right)
2-4/11	Fuse 15,0 A (hazard flasher)
2-4/12	Fuse 20,0 A (windshield wiper/washer)
2-4/13	Free
2-4/14	Fuse 20,0 A (working light)
2-4/15	Fuse 30,0 A (beacon light)
2-4/16	Maxi fuse 100,0 A
2-4/17	Maxi relay (power supply)
2-4/18	Start switch
2-4/19	Turn signal relay
2-4/20	Interval timer
2-4/21	Relay for differential lock
2-4/22	Relay, fan control
2-4/23	Traction drive cut-out relay
2-4/24	Relay for power adaptation: reverse
2-4/25	Relay for power adaptation: forward
2-4/26	Relay Alpha max.
2-4/27	Starter interlock relay
2-4/28	Acoustic buzzer, hydraulic oil temperature

10.1 - 06.2008 Elektrik-Schaltplan/Schéma électrique/Wiring diagramm/Elektrisch schakelschema/El-oversigt/Elektriskdiagram/
Diagrama de conexiones eléctricas/Elektrisk koblingsskjema/El-kopplingsschema/Esquema de circuitos eléctricos/
Sähkökytkentäkaavio



10.1 - 06.2008 Elektrik-Schaltplan/Schéma électrique/Wiring diagramm/Elektrisch schakelschema/Elektriskdiagram/
El-oversigt/Diagrama de conexiones eléctricas/Elektrisk koblingsskjema/El-kopplingsschema/
Esquema de circuitos eléctricos/Sähkökytkentäkaavio



Sheet/item Designation

3-4/1	Actuator: Rear window heater
3-4/2	Actuator: working lights
3-4/3	Actuator: lifting device suspension (option)
3-4/4	Actuator: Warning beacon (opt.)
3-4/5	Actuator: Permanent auxiliary hydraulics (opt.)
3-4/6	Actuator: Pipe break protection (option)
3-4/7	Actuator: fan/blower
3-4/8	Radio (option)
3-4/9	Relay for controller engine
3-4/10	Fuse (20A) controller engine
3-4/11	Air-conditioning system (option)
3-4/12	Accelerator
3-4/13	Coupling, air condition compressor
3-4/14	Heater fan motor

Sheet/item Designation

4-4/1	Wiper motor, rear
4-4/2	Interior lighting
4-4/3	Switch: Interior lighting
4-4/4	Reversing buzzer
4-4/5	Working lights, rear (option)
4-4/6	Working lights, rear (option)
4-4/7	Working lights, front
4-4/8	Working lights, front
4-4/9	Warning beacon (opt.)
4-4/10	Relay, glow plugs
4-4/11	Maxi fuse (glow plugs) 100 A
4-4/12	Glow plugs
4-4/13	Starter
4-4/14	Alternator
4-4/15	Battery main switch (option)
4-4/16	Battery
4-4/17	Valve, fan control
4-4/18	Coolant temperature switch 93° C
4-4/19	Window washer motor, rear
4-4/20	Windshield washer motor, front
4-4/21	Valve, forward drive direction
4-4/22	Reversing buzzer
4-4/23	Valve, reverse drive direction
4-4/24	Reversing light, left
4-4/25	Turn signal, rear left
4-4/26	Reversing light, right
4-4/27	Turn signal, rear right
4-4/28	Tail light, right
4-4/29	Brake light, right
4-4/30	Tail light, left
4-4/31	Brake light, left
4-4/32	Dip pipe sensor
4-4/33	Switch: Hydraulic oil filter (option)
4-4/34	Switch: hydraulic oil temperature
4-4/35	Direction detection valve
4-4/36	Alpha max. valve
4-4/37	Switch: Parking brake
4-4/38	Differential lock valve
4-4/39	Memory valve, lifting device suspension (option)
4-4/40	Reservoir valve, lifting device suspension (option)
4-4/41	Valve, pipe break protection
4-4/42	Valve, pipe break protection
4-4/43	Quick-change device release valve
4-4/44	Driving light, left
4-4/45	Driving light, right
4-4/46	Signal horn
4-4/47	7-pole socket (option)
4-4/48	Lifting device suspension switch (option)
4-4/49	Brake light switch



NOTE

The bold numbers next to the item numbers in the electric circuit diagram are cross-references to the respective part in the hydraulic diagram.

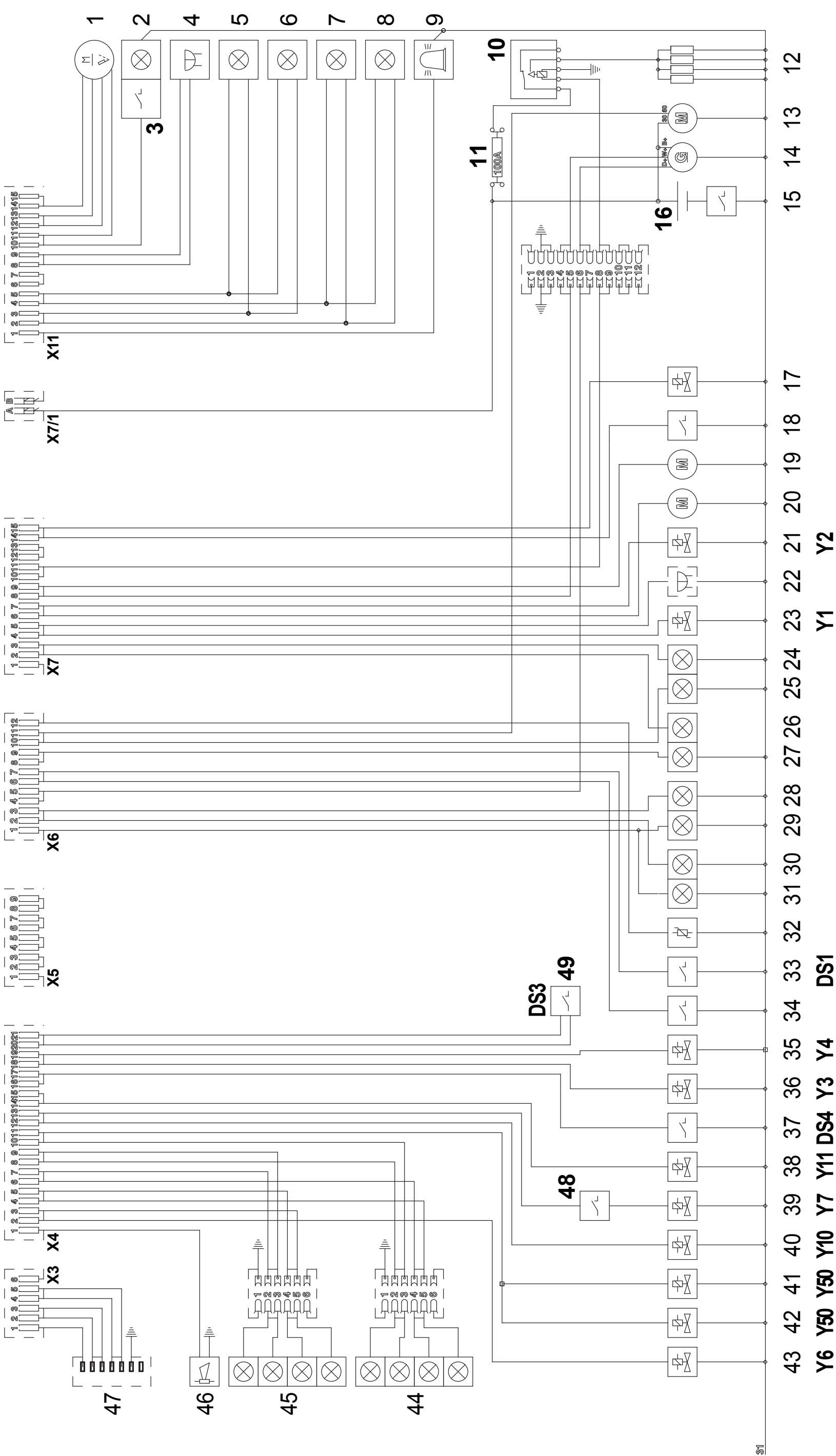
10.1 - 06.2008

Elektrik-Schaltplan/Schéma électrique/Wiring diagramm/Elektrisch schakelschema/El-oversigt/Elektriskdiagram/
Diagrama de conexiones eléctricas/Elektrisk koblingsskjema/El-kopplingsschema/Esquema de circuitos eléctricos/
Sähkökytkentäkaavio

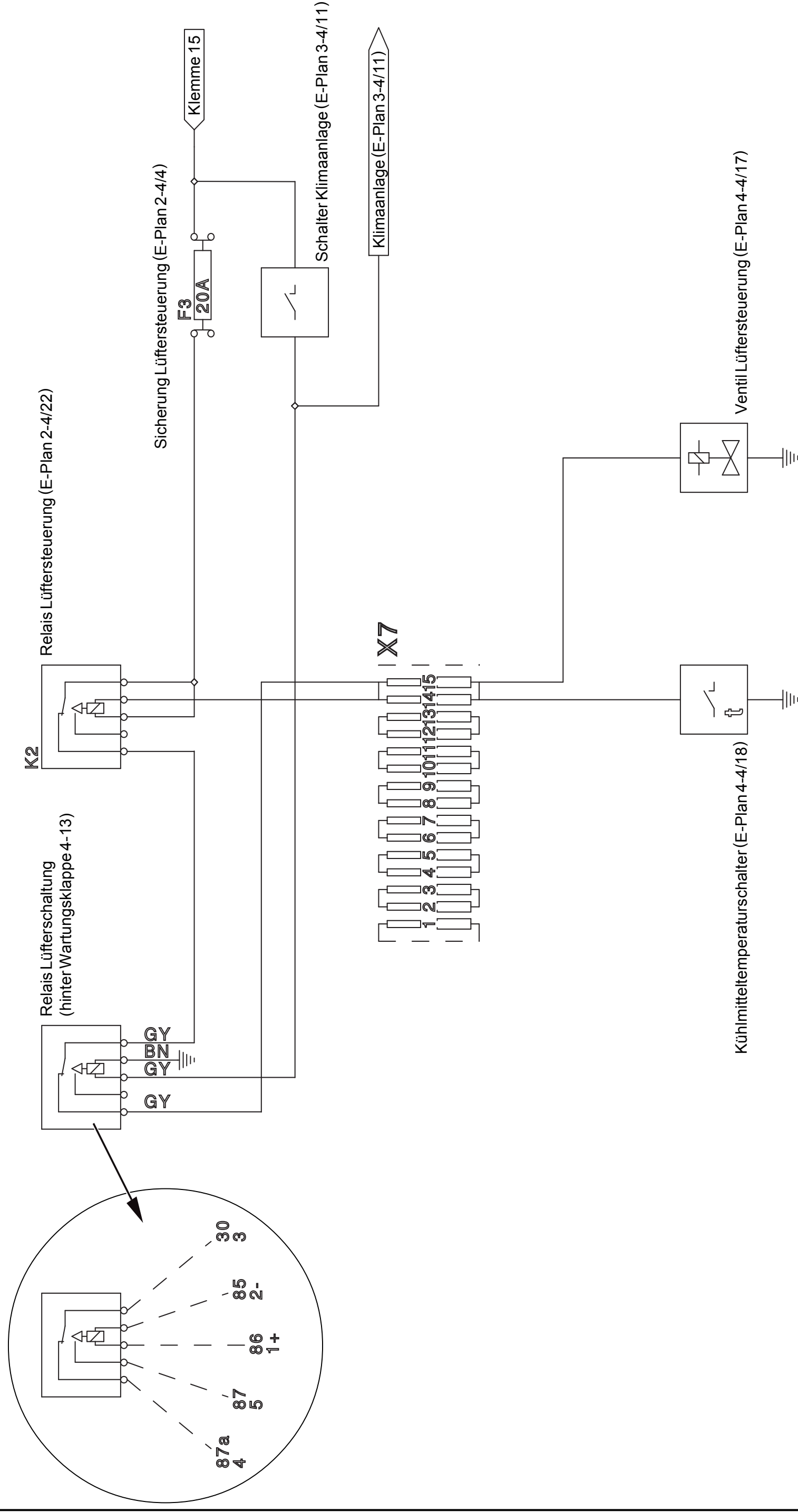
30

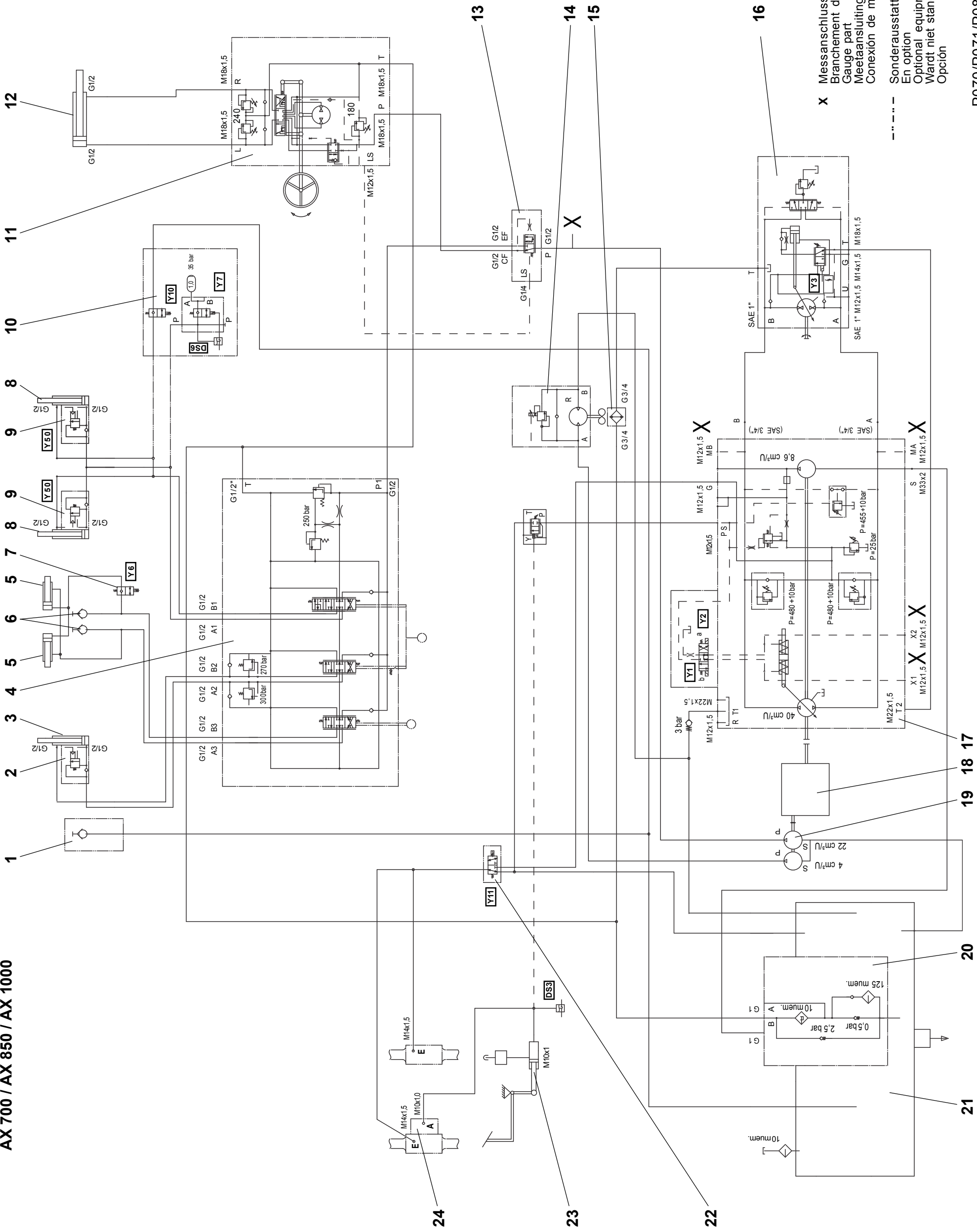
15

58



10.1.1 - 06.2009 Elektrik-Schaltplan Klimaanlage-Lüfterschaltung





10.2 Hydraulic circuit diagram**Item Designation**

01	Unpressurised return line (option)			
02	Pipe break protection, tip cylinder (option)			
03	Tip cylinder:			
	AX 700 - DW 90/50/424/1480	AX 700 High lift	-	DW 100/50/424/1700
	AX 850 - DW 90/50/424/1480	AX 850 High lift	-	DW 100/50/424/1700
	AX 1000 - DW 100/50/424/1480	AX 1000 High lift	-	DW 100/50/424/1700
04	3-way valve			
05	Locking cylinder DW 40/25/50/167			
06	Auxiliary hydraulics			
07	Valve, quick change device lock			
08	Lift cylinder			
	AX 700 - DW 70/40/600/876	AX 700 High lift	-	DW 80/40/561/924
	AX 850 - DW 80/40/600/876	AX 850 High lift	-	DW 100/45/600/895
	AX 1000 - DW 90/45/600/876	AX 1000 High lift	-	DW 100/45/600/895
09	Pipe break protection, lift cylinder (option)			
10	lifting device suspension (option)			
11	Steering unit, 320/160 cm ³ /rev.			
12	Steering cylinder DW 80/35/295/585			
13	Priority valve			
14	Fan motor			
15	Hydraulic oil cooler			
16	Drive motor:			
	AX 700/20 km/h, AX 850/20 km/h	-	A6VM 80 HA	
	AX 700/30 km/h, AX 850/30 km/h, AX 1000	-	A6VM 107 HA	
17	Drive pump A4VG 40 DA			
18	Drive engine:			
	AX 700, AX 850 - John Deere 4024HF295A / 46.0 kW / 2800 rpm			
	AX 1000 - John Deere 4024HF295B / 49,0 kW / 2800 rpm			
19	Tandem gear pump, 32/4 cm ³ /rev.			
20	Combined suction and return flow filter			
21	Hydraulic oil tank			
22	Differential lock			
23	Main brake cylinder			
24	Drum brake			
	- AX 700 - 20 km/h			
	- AX 850 - 20 km/h			
	Disc brake			
	- AX 700 - 30 km/h			
	- AX 850 - 30 km/h			
	- AX 1000			

option = Special equipment

