

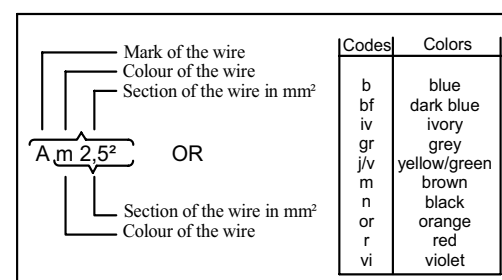
12 V DC CAPTION

	Connector		Branch
	Overhead light		Battery
	EARTH CONNECTOR		Wattage circuit breaker
	12 V socket		Switch lighting
	Loudspeaker		Thermostat
	Windlass		Pump
	Electric engine		Gauge (Transmitter)
	Ventilator		Single switch
	Relay box (Location)		Two way switch
	Charge divider		Control box
	Navigation light		Ventilator with Switch
	Fuse		Electrical panel
			Relay box (Diagram)

230 V AC CAPTION

	Socket
	Differential socket
	Voltmeter
	Differential circuit breaker
	Electrical panel
	Water heater

References of the wires



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REFERENCE ON DIAGRAM	WIRE REFERENCE	FUNCTIONS	REMARK
1	AG2/AG3/AG4	Box - 6 Circuit breakers - Lighting	
2	L1K	Switch - Galley	
3	L1K01/L1K02	Overhead light - galley	
4	L1K02/L1K03	Overhead light - galley - Sink - Starboard	
5	L1K03/L1K04	Overhead light - Port passageway	
6	L1K04	Overhead light - Port passageway	
7	L1H07/L1H08	Overhead light – starboard saloon	
8	L1H08/L1K04	Overhead light - saloon - TAC - Port side	
9	L1K04	Fluorescent lamp - galley	
10	L1C16	Switch - forward cabin	Version 3 cabin
11	L3C70/L1C71	Adjustable spotlight - Berth - Lower - aft	Version 3 cabin
12	L3C71	Spot light - additional - Side cabin - Berth - Lower - aft	Version 3 cabin
13	L3C11	Fluorescent lamp - Dressing table	Version 2 cabin
14	L1H	Two way switch - saloon	
15	L1H/L1H01	Two way switch - saloon	
16	L1H01/L1H02	Overhead light – starboard saloon	
17	L1H02/L1H03	Overhead light – starboard saloon	
18	L1H03/L1H04	Overhead light – starboard saloon	
19	L1H04/L1H05	Overhead light – port saloon	
20	L1H05/L1H06	Overhead light – port saloon	
21	L1H06/L1V15	Overhead light – port saloon	
22	L1V15	Overhead light - forward passageway	Version 3 cabin
23	WC21	Pump - WC - aft	Optional equipment
24	WC21/WC2	Crusher - WC - aft	Optional equipment
25	PD1/PD7/PD11	Shower pump - aft	Optional equipment
26	AG3/AG4	Box - 12 Circuit breakers	
27	PE/PE1/APC1/APC2	Relay box - Thruster	
28	PE1/PE4/PE4A	Max power thruster control box	Optional equipment
29	PE2/PE5/PE4/PE4A	Control relay - Bow thruster battery switch	Optional equipment
30	PE2	10A fuse - Control - Propeller battery isolation switch	Optional equipment
31	PE1/PE2/PE3/PE5/BPE11/PE1	Propeller battery isolation switch	Optional equipment
32	WC31	15A fuse - Pump - WC - forward	Optional equipment
33	PE3/BPE11/BPE12/TBP	Propeller battery 1	
34	G/G1/APC2	Windlass relay	Optional equipment
35	WC31	Pump - WC - forward	Optional equipment
36	XXXX	Panel - Windlass engine	
37	UP/DOWN/CG2	Windlass remote control	Optional equipment
38	SENS/SENS1	Pickups	Optional equipment
39	VHF	VHF	Optional equipment
40	HF/HF9	Radio	Optional equipment
41	HF/HF9/HF11	Connector - Radio	Optional equipment
42	HP1/HP2/HP3/HP4	Connector - Radio	Optional equipment



ELECTRIC NOMENCLATURE - 12V DC

REFERENCE ON DIAGRAM	WIRE REFERENCE	FUNCTIONS	REMARK
43	HP4	Loudspeaker outside to starboard	Optional equipment
44	HP2B	Starboard speaker - saloon	Optional equipment
45	HP1B	Port speaker - saloon	Optional equipment
46	HP3	Loudspeaker outside to port	Optional equipment
47	PDC5	Socket - Cockpit table	
48	PDC1	Socket - 12V - Port forward cabin	
49	PDC2	Socket - 12V - Port aft cabin	
50	PDC3	Socket - 12V - Starboard aft cabin	
51	WC3/WC31	Crusher - WC - forward	Optional equipment
52	PDC5/L2Y/L2Y1/L2Y2	Cockpit table	
53	ATV	TV aerial amplifier	
54	AN3	Navigation electronics	
55	AG3/AG4	Control panel - 12V	
56	N9A	Starboard compass lighting	
57	N1	burners - forward	
58	N8	Navigation lights - aft	
59	N9	Port compass lighting	
60	N6	Steaming light	
61	N5	Mooring light	
62	N7	Deck light	
63	AN11/AN1/AN2/AN21	Relay box - Electronic	Optional equipment
64	AG1	Tiller - Negative terminal/Negative terminal	
65	AN/AN1	Fuse - Navigation electronics	Optional equipment
66	BA11/AG1/CHS/AT12	Battery switch + House	
67	AN1/GRD	Vessel Management Unit	Optional equipment
68	AN2	Electronic - Cockpit table	Optional equipment
69	AN21	Chart table	Optional equipment
70	AN12	5A fuse - Supply - PC interface	Optional equipment
71	AN12	Supply - PC interface	Optional equipment
72	GE1	Water unit	
73	AG2/AG5	Shunt - consumption - common - House	
74	JC1	250mA fuse - Fuel oil gauge transmitter	
75	JC1	Fuel oil gauge transmitter	
76	JE1	Front tank meter	
77	JE2	Water gauge transmitter	
78	XXXX	Fuse box	
79	TBM1/TBM	1A fuse - Measurement - Voltage - Engine battery	
80	BA1/CHM/AT11/AG1	Battery switch + Engine	
81	TPB	10A fuse - Measurement - Voltage - Propeller battery	
82	PC4	Float switch - bilge pump	
83	PC4	Bilge pump	
84	R	Refrigeration unit	
85	VM/VM1	7,5A fuse - Ventilation - Engine	

REFERENCE ON DIAGRAM	WIRE REFERENCE	FUNCTIONS	REMARK
86	VM1/RP1	Relay box - Windlass engine	
87	VM1	Engine compartment ventilator	
88	RP1/APC1	Control - Charge divider	
89	PD3	Shower pump - forward	
90	XXXX	Negative terminal - Box - 6 Circuit breakers	
91	XXXX	Negative terminal - Box - 12 Circuit breakers	
92	L2Y	Switch - Cockpit lighting	
93	PS	10A fuse - Charge controller - Solar panels	Optional equipment
94	PS	Battery switch - Solar panels	Optional equipment
95	PS/PS1	Charge controller - Solar panels	Optional equipment
96	BA1/AG2/AG1/CHO	Battery switch of negative terminal	
97		Available	
98	PS1	Box - Protection - Solar panels - Starboard	Optional equipment
99	PS2	Box - Protection - Solar panels - Port side	Optional equipment
100	BA13/BA14	House battery 3	Optional equipment
101	BA14	House battery 4	Optional equipment
102	SG	Control - Solenoid - Gas	
103	SG	Diodes- Solenoid - Gas	
104	XXXX	Autopilot ram	Optional equipment
105	PD1/PD11	Relay box - Drain pump - Aft shower	Optional equipment
106	PD1/PD11	Outlet - Shower pump - aft	Optional equipment
107	PD11	Switch - Drain pump - Aft shower	Optional equipment
108	WC21	15A fuse - Pump - WC - aft	Optional equipment
109	1V1A/1V1B	Ventilator - Starboard aft cabin	Optional equipment
110	1V1B	Ventilator - Saloon - Starboard forward	Optional equipment
111	PD1/PD11	Relay box - Drain pump - Forward shower	Optional equipment
112	1V2A	Ventilator - Port aft cabin	Optional equipment
113	1V2B/1V2C	Ventilator - Saloon - Port forward	Optional equipment
114	1V1C	Ventilator - Port forward cabin	Optional equipment
115	BA1/BA11	Engine battery	
116	BA11/BA12	House battery 1	
117	BA12/BA13	House battery 2	
118	AG1/BA1	Fuse - house - 100A	
119	AT11/AT12/CHP/PE1	Charge divider	
120	M1	Engine	
121	M1	Tank	
122	M1	Filler cap	
123	XXXX	Starting motor	
124	XXXX	Alternator	
125	AG3/AG4/AG5	Ground eye	
126	CHP/CHS/CHM/CHO	Charger	Optional equipment
127	BPE11/PE12/PE1	Thruster	Optional equipment
128	BPE/BPE11/BPE12	Propeller battery 2	Optional equipment



ELECTRIC NOMENCLATURE - 12V DC

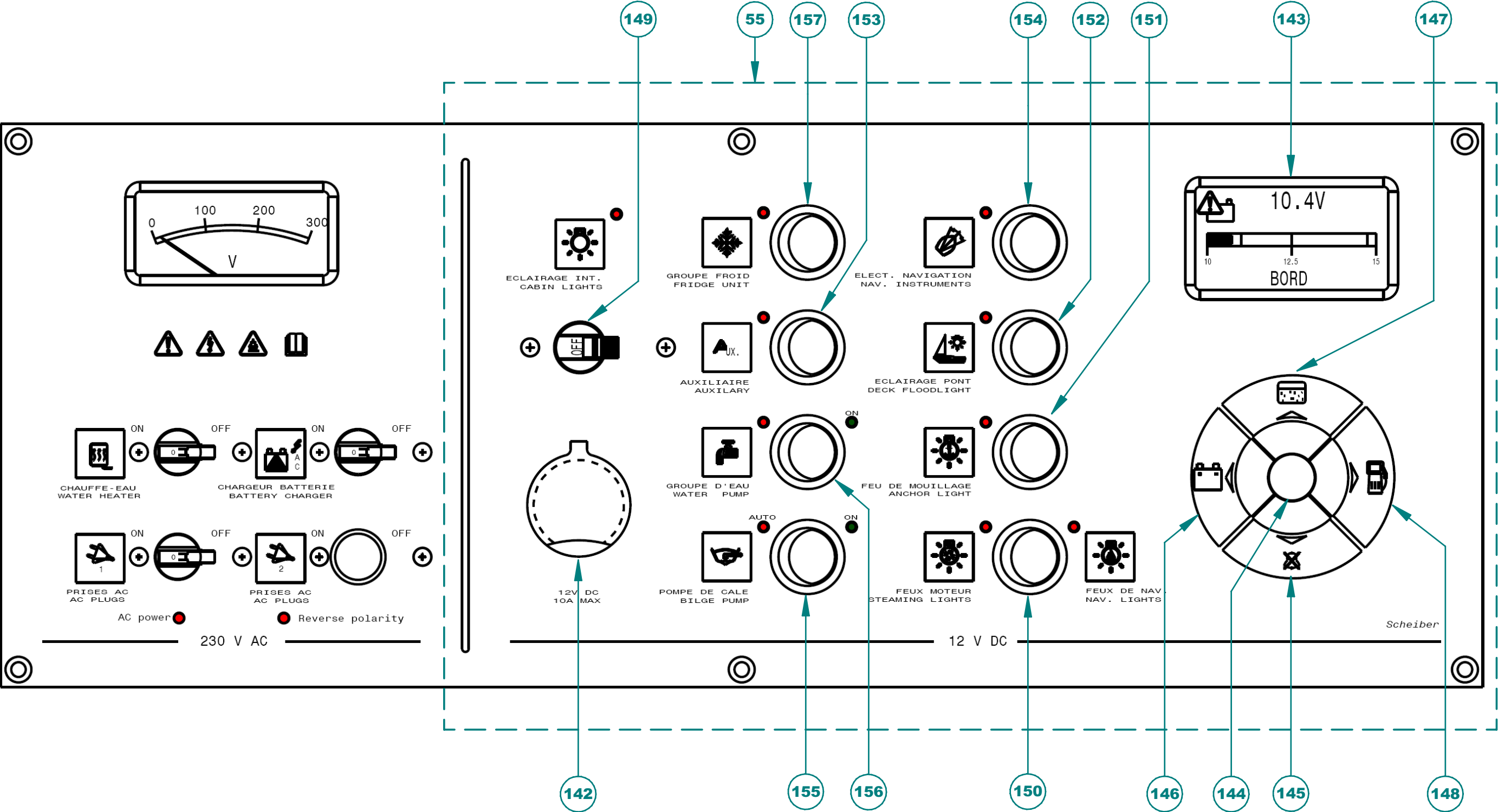
REFERENCE ON DIAGRAM	WIRE REFERENCE	FUNCTIONS	REMARK
129	PE11/PE12	Propeller fuse	Optional equipment
130	PD1/PD11	Outlet - Shower pump - forward	Optional equipment
131	XXXX	console - Thruster	Optional equipment
132	G1/G2	Windlass circuit breaker	Optional equipment
133	G2	Windlass relay	Optional equipment
134	XXXX	Windlass engine	Optional equipment
135	AN13	5A fuse - Electronic - Cockpit table	
136	AN13	Electronic - Cockpit table	Version - Display ST70
137	PC5	Bilge pump	
138	CONV1/11	Inverter - 230V AC or 115V AC	Optional equipment
139	CONV	Earthing plate	Optional equipment
140	CONV10/CONV11	Fuse - Inverter	Optional equipment
141		Available	
142	XXXX	12V power outlet on the front table 12V	
143	XXXX	Multi-function display	
144	XXXX	Change over switch - voltmeter inlet / Water gauge / Fuel oil gauge	
145	XXXX	Contrast selector	
146	XXXX	Selector - Voltage - Battery	
147	XXXX	Water meter selector	
148	XXXX	Fuel meter selector	
149	XXXX	"Interior lighting" general circuit-breaker	
150	XXXX	"Navigation light/ engine light" switch	
151	XXXX	"Anchor light" switch	
152	XXXX	"Deck lighting" switch	
153	XXXX	"Auxiliary" switch (optional)	
154	XXXX	"Navigation electronics" switch	
155	XXXX	Switch - bilge pump	
156	XXXX	Switch - water unit	
157	XXXX	"Refrigerated unit" switch	
158	XXXX	Available	
159		Available	
160		Available	
161		Available	
162		Available	
163		Available	
164		Available	
165		Available	
166		Available	
167		Available	
168		Available	
169	RCG/CG1/CG2	Windlass relay	Optional equipment
170	L2Y1	Light - cockpit table	
171	CG1/CG	7,5 fuse - Windlass control	Optional equipment

REFERENCE ON DIAGRAM	WIRE REFERENCE	FUNCTIONS	REMARK
172	L2Y2	Light - cockpit table	
173	XXXX	Filter	
174	L2A71/L2A72	Overhead light - port AFT head	
175	L2A72/L2C61	Overhead light - port AFT head	
176	L2C61	Overhead light - starboard aft cabin	
177	L2C51	Overhead light - starboard aft cabin	
178	L1C70	Overhead light - Side cabin - Port forward	Version 3 cabin
179	L1A31/L1A32	Overhead light - starboard forward head - aft	Version 3 cabin
180	L1A32	Overhead light - starboard forward head - forward	Version 3 cabin
181	L1C16/L1C17	Overhead light - port forward cabin	
182	L1C17	Overhead light - starboard forward cabin	
183	L1C70	Switch - forward cabin	Version 2 cabin
184	L1C70/L1C16	Spot light - Passageway	Version 2 cabin
185	L1A31/L1A32	Spot light - Starboard forward head compartment - aft	Version 2 cabin
186	L1A32	Spot light - Starboard forward head compartment - forward	Version 2 cabin
187	PDC4	Socket - 12V - Forward cabin	
188	PDC6	Socket - 12V - Forward cabin	Version - Forward cabin - Side
189	HP1/HP2/1B/2B	Base box	Optional equipment
190	L3H01	Switch - Indirect lighting	Optional equipment
191	L3H01/LH02	Garland - - Box Mast foot	Optional equipment
192	L3H02/LH03	Garland - Saloon - Port forward	Optional equipment
193	L3H03/LH04	Garland - Saloon - Port aft	Optional equipment
194	L3H04	Garland - Galley	Optional equipment
195	L3C60/L3C20	Reading light - Starboard aft cabin	
196	L3C20	Reading light - Starboard forward cabin	
197	L3C50/L3I30	Reading light - Port aft cabin	
198	L3I30/L3C31	Lighting - TAC	
199	L3I31/L3C10	Lighting - TAC small	
200	L3C10/L3C15	Reading light - Port forward cabin	
201	L3C15	Spot light - Desk - Forward cabin	
202	L2A41	Adjustable spotlight - Starboard forward head compartment	
203	L2A32	Wall light - Port aft washroom	Version 3 cabin
204		Available	
205	PD11	Switch - shower pump - forward	
206	W1/W11	Winch circuit breaker - Roof	Optional equipment
207	W10/W11	5A fuse - Winch - Roof	Optional equipment
208	W10/W12/W13	Push button - Winch - Roof	Optional equipment
209	W12-W17	Relay box - Winch - Roof	Optional equipment
210	W12/W13/W14	Engine - Winch - Roof	Optional equipment
211	W1/W11/W15/W16	Torque limiter - Winch - Roof	Optional equipment
212	W3/W31/W41	Winch circuit breaker - Mainsail (classic)	Optional equipment
213	W30/W31	13A fuse - Winch - Mainsail (classic) - Port side	Optional equipment
214	W30	Push button - Winch - Mainsail (classic) - Port side	Optional equipment



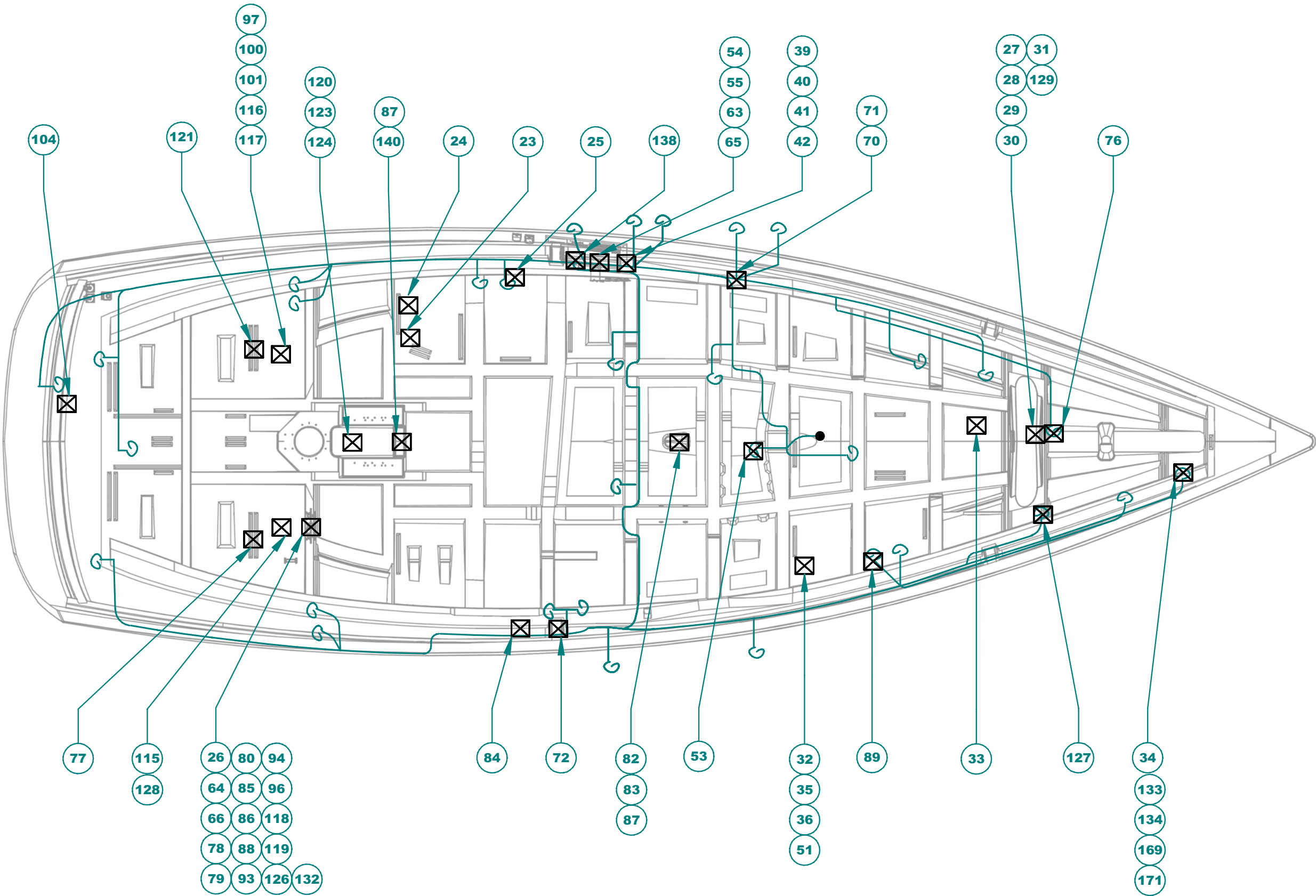
ELECTRIC NOMENCLATURE - 12V DC

REFERENCE ON DIAGRAM	WIRE REFERENCE	FUNCTIONS	REMARK
215	W30/W31/W32/W33	Relay box - Winch - Mainsail (classic) - Port side	Optional equipment
216	W30/W31	Engine - Winch - Mainsail (classic) - Port side	Optional equipment
217	W40/W41	13A fuse - Winch - Mainsail (classic) - Starboard	Optional equipment
218	W40	Push button - Winch - Mainsail (classic) - Starboard	Optional equipment
219	W40/W41/W42/W43	Relay box - Winch - Mainsail (classic) - Starboard	Optional equipment
220	W40/W41	Engine - Winch - Mainsail (classic) - Starboard	Optional equipment



12V DC ELECTRICAL PANEL

REFERENCE ON DIAGRAM	FUNCTIONS
55	Control panel - 12V
142	12V power outlet on the front table 12V
143	Multi-function display
144	Change over switch - voltmeter inlet / Water gauge / Fuel oil gauge
145	Contrast selector
146	Selector - Voltage - Battery
147	Water meter selector
148	Fuel meter selector
149	"Interior lighting" general circuit-breaker
150	"Navigation light/ engine light" switch
151	"Anchor light" switch
152	"Deck lighting" switch
153	"Auxiliary" switch (optional)
154	"Navigation electronics" switch
155	Switch - bilge pump
156	Switch - water unit
157	"Refrigerated unit" switch



HULL - 12V DC

REFERENCE ON DIAGRAM	FUNCTIONS
23	Pump - WC - aft
24	Crusher - WC - aft
25	Shower pump - aft
26	Box - 12 Circuit breakers
27	Relay box - Thruster
28	Max power thruster control box
29	Control relay - Bow thruster battery switch
30	10A fuse - Control - Propeller battery isolation switch
31	Propeller battery isolation switch
32	15A fuse - Pump - WC - forward
33	Propeller battery 1
34	Windlass relay
35	Pump - WC - forward
36	Panel - Windlass engine
37	Windlass remote control
38	Pickups
39	VHF
40	Radio
41	Connector - Radio
42	Connector - Radio
51	Crusher - WC - forward
53	TV aerial amplifier
54	Navigation electronics
55	Control panel - 12V
63	Relay box - Electronic
64	Tiller - Negative terminal/Negative terminal
65	Fuse - Navigation electronics
66	Battery switch + House
70	5A fuse - Supply - PC interface
71	Supply - PC interface
72	Water unit
76	Front tank meter
77	Water gauge transmitter
78	Fuse box
79	1A fuse - Measurement - Voltage - Engine battery
80	Battery switch + Engine
82	Float switch - bilge pump
83	Bilge pump
84	Refrigeration unit
85	7,5A fuse - Ventilation - Engine
86	Relay box - Windlass engine
87	Engine compartment ventilator
88	Control - Charge divider
89	Shower pump - forward

REFERENCE ON DIAGRAM	FUNCTIONS
93	10A fuse - Charge controller - Solar panels
94	Battery switch - Solar panels
96	Battery switch of negative terminal
97	Available
100	House battery 3
101	House battery 4
104	Autopilot ram
115	Engine battery
116	House battery 1
117	House battery 2
118	Fuse - house - 100A
119	Charge divider
120	Engine
121	Tank
123	Starting motor
124	Alternator
126	Charger
127	Thruster
128	Propeller battery 2
129	Propeller fuse
132	Windlass circuit breaker
133	Windlass relay
134	Windlass engine
138	Inverter - 230V AC or 115V AC
140	Fuse - Inverter
169	Windlass relay
171	7,5 fuse - Windlass control



DECK - 12V DC

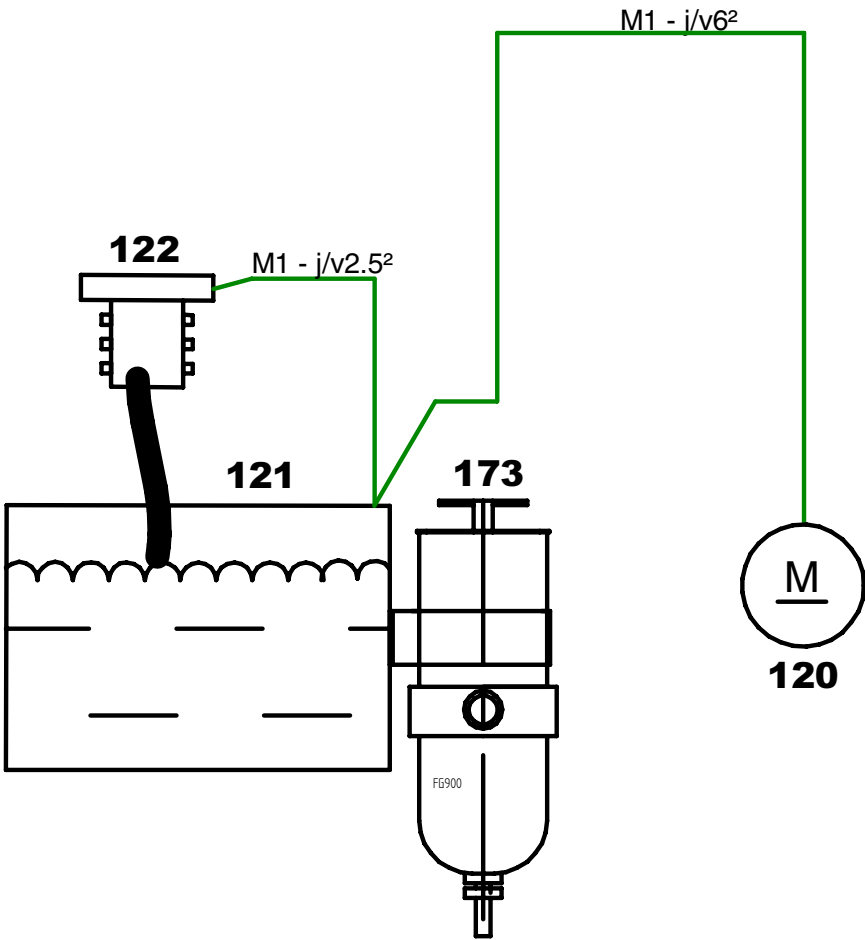
REFERENCE ON DIAGRAM	FUNCTIONS
37	Windlass remote control
38	Pickups
68	Electronic - Cockpit table
136	Electronic - Cockpit table

ELECTRICITY



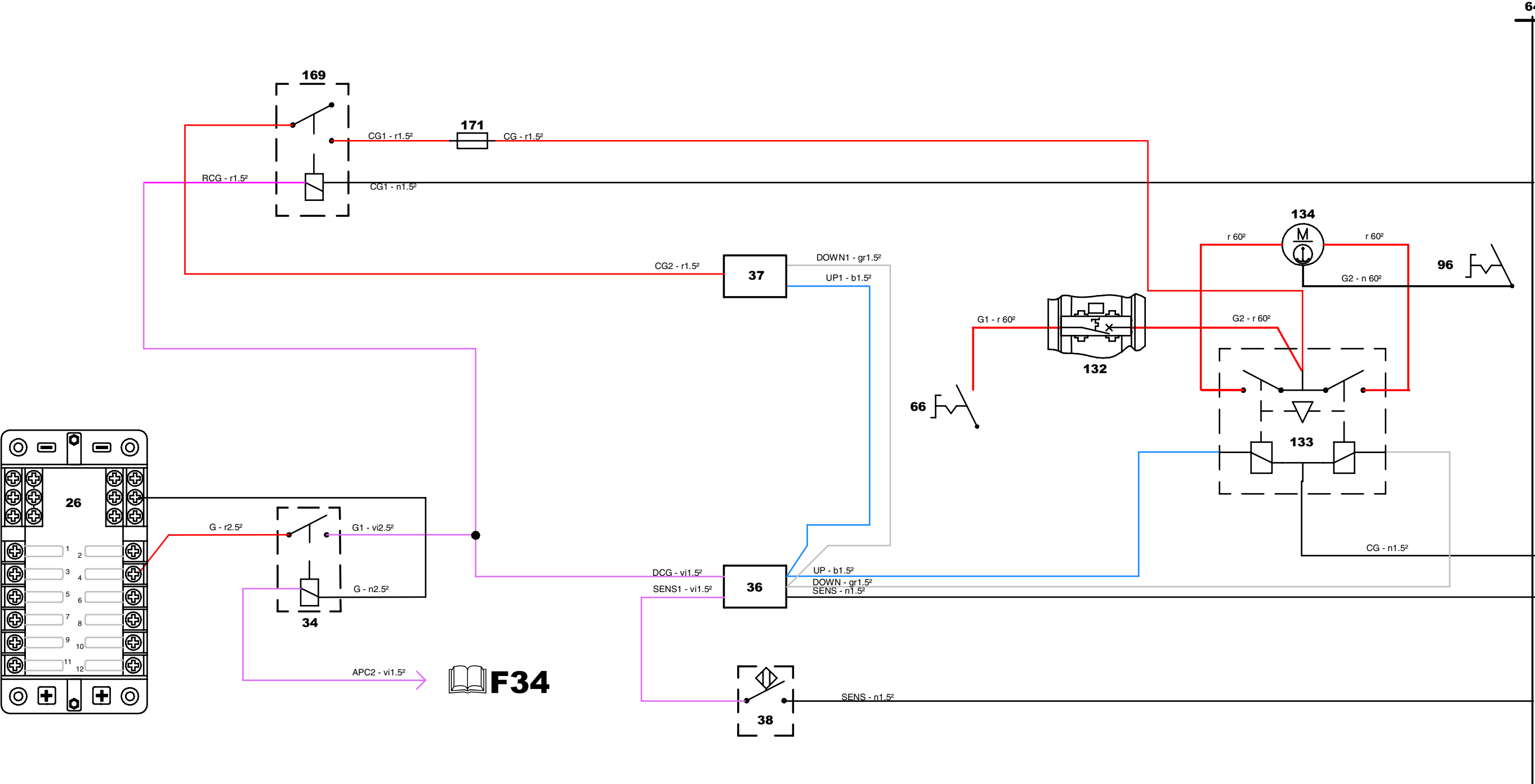
12V DC ELECTRICAL SCHEMATIC DIAGRAM: POWER SYSTEM

REFERENCE ON DIAGRAM	FUNCTIONS
1	Box - 6 Circuit breakers - Lighting
26	Box - 12 Circuit breakers
55	Control panel - 12V
64	Tiller - Negative terminal/Negative terminal
66	Battery switch + House
73	Shunt - consumption - common - House
79	1A fuse - Measurement - Voltage - Engine battery
80	Battery switch + Engine
96	Battery switch of negative terminal
100	House battery 3
101	House battery 4
115	Engine battery
116	House battery 1
117	House battery 2
118	Fuse - house - 100A
119	Charge divider
123	Starting motor
124	Alternator
125	Ground eye
126	Charger



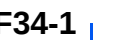
12V DC ELECTRICAL SCHEMATIC DIAGRAM: EARTH

REFERENCE ON DIAGRAM	FUNCTIONS
120	Engine
121	Tank
122	Filler cap
173	Filter



12V DC ELECTRICAL SCHEMATIC DIAGRAM: WINDLASS

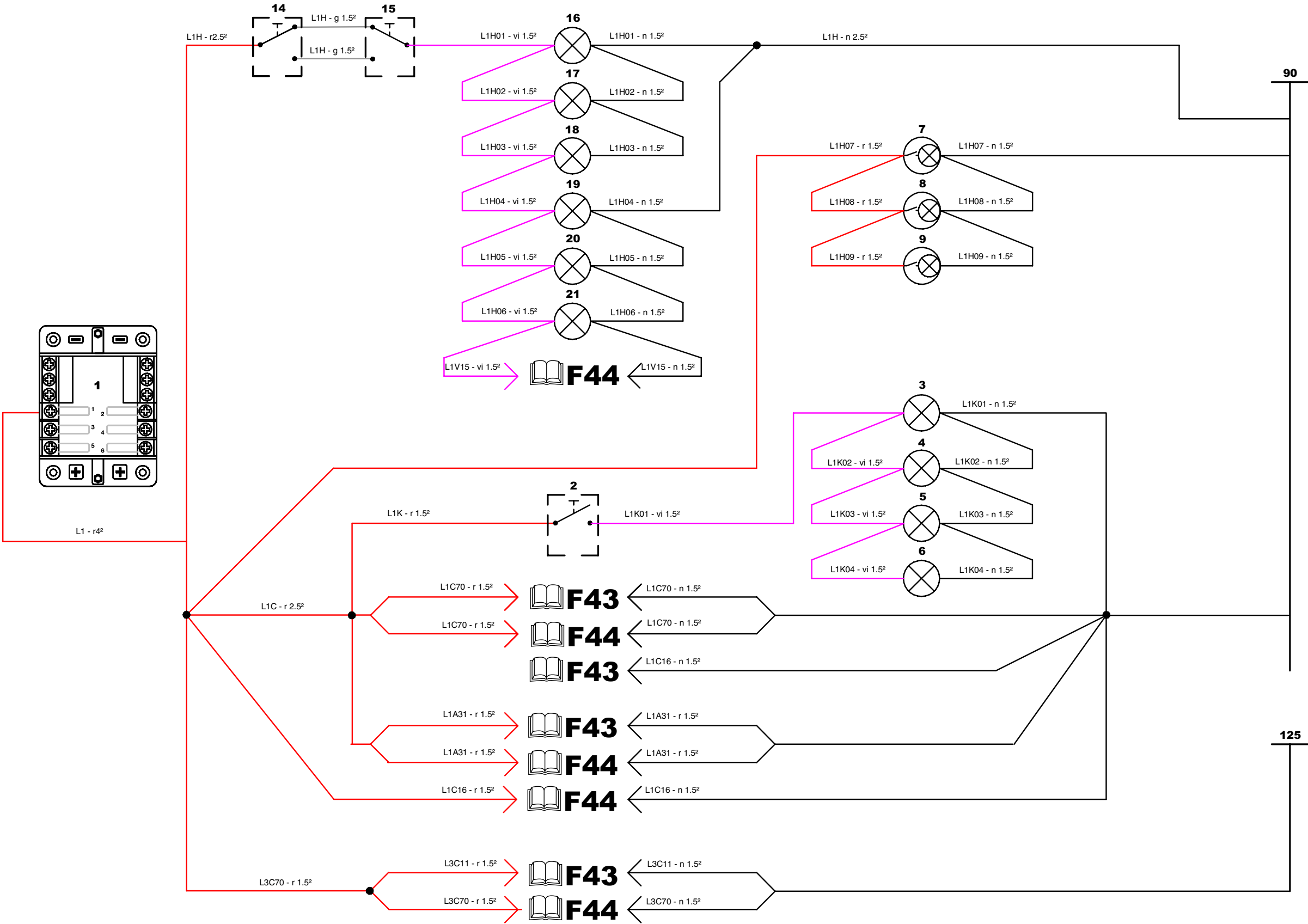
REFERENCE ON DIAGRAM	FUNCTIONS
26	Box - 12 Circuit breakers
34	Windlass relay
36	Panel - Windlass engine
37	Windlass remote control
38	Pickups
64	Tiller - Negative terminal/Negative terminal
66	Battery switch + House
96	Battery switch of negative terminal
132	Windlass circuit breaker
133	Windlass relay
134	Windlass engine
169	Windlass relay
171	7,5 fuse - Windlass control



12V DC ELECTRICAL SCHEMATIC DIAGRAM: OPTIONAL EQUIPMENT - THRUSTER

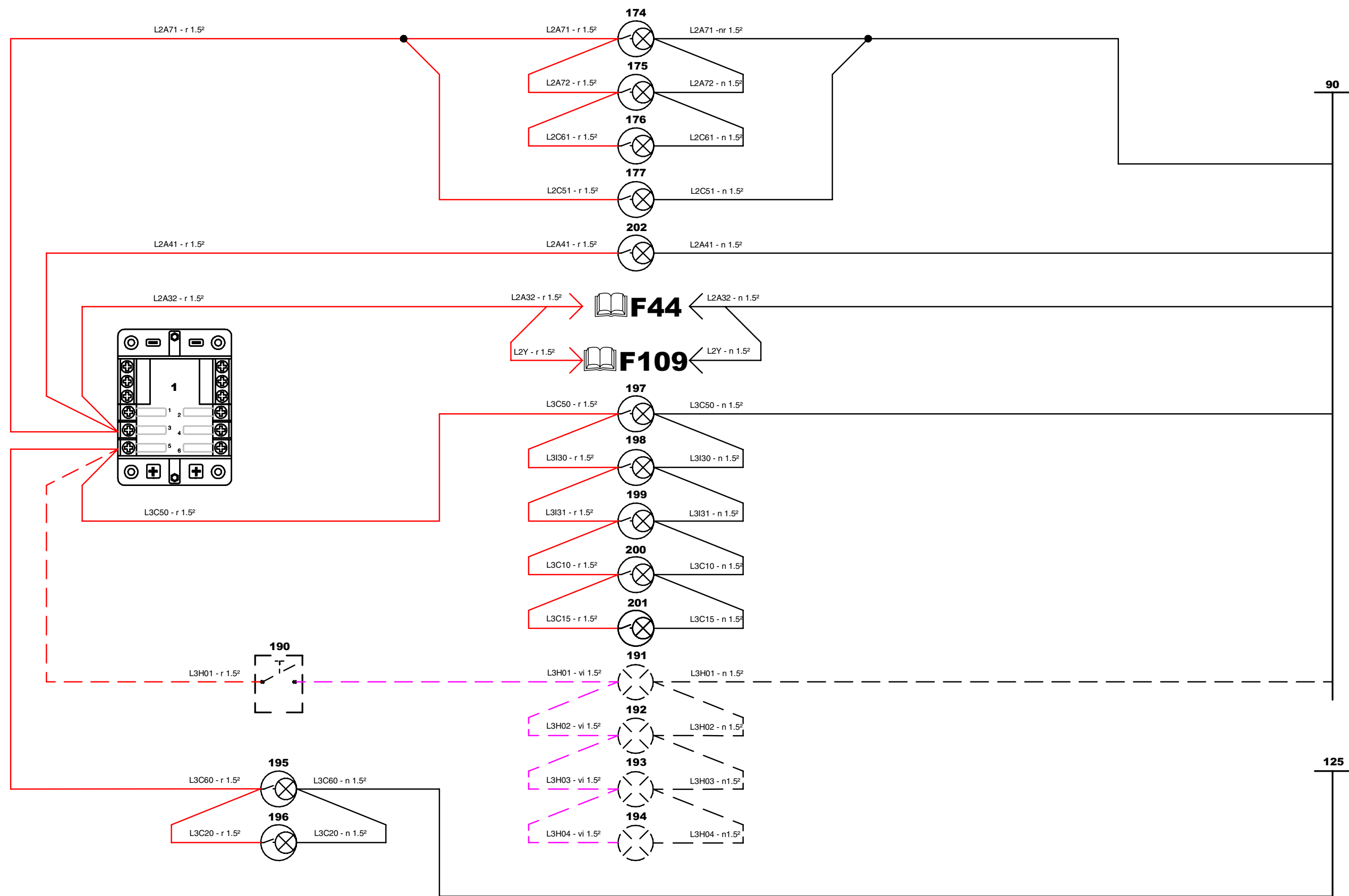
REFERENCE ON DIAGRAM	FUNCTIONS
26	Box - 12 Circuit breakers
27	Relay box - Thruster
28	Max power thruster control box
29	Control relay - Bow thruster battery switch
30	10A fuse - Control - Propeller battery isolation switch
31	Propeller battery isolation switch
33	Propeller battery 1
55	Control panel - 12V
81	10A fuse - Measurement - Voltage - Propeller battery
96	Battery switch of negative terminal
119	Charge divider
125	Ground eye
127	Thruster
128	Propeller battery 2
129	Propeller fuse
131	console - Thruster

12V DC ELECTRICAL SCHEMATIC DIAGRAM: LIGHTING - COMMON



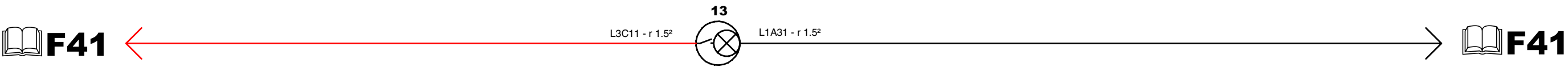
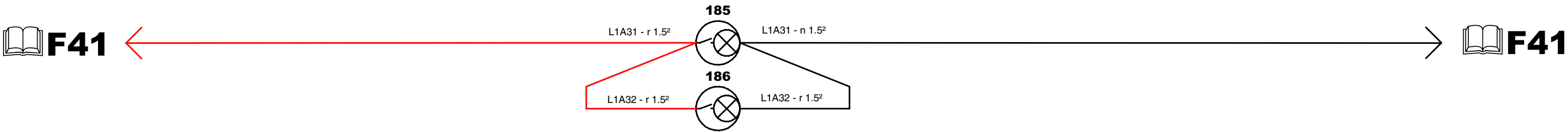
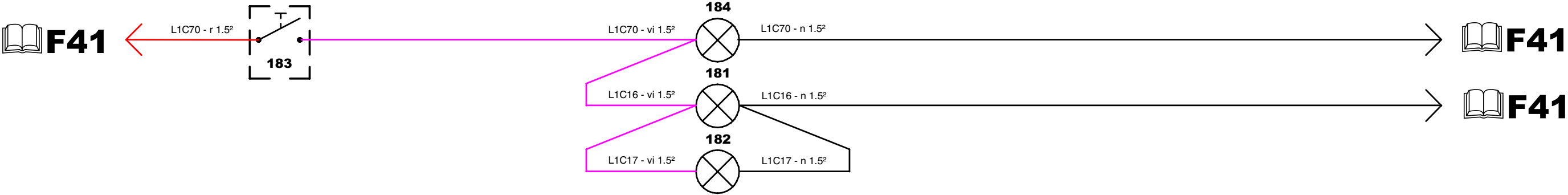
12V DC ELECTRICAL SCHEMATIC DIAGRAM: LIGHTING - COMMON

REFERENCE ON DIAGRAM	FUNCTIONS
1	Box - 6 Circuit breakers - Lighting
2	Switch - Galley
3	Overhead light - galley
4	Overhead light - galley - Sink - Starboard
5	Overhead light - Port passageway
6	Overhead light - Port passageway
7	Overhead light – starboard saloon
8	Overhead light - saloon - TAC - Port side
9	Fluorescent lamp - galley
14	Two way switch - saloon
15	Two way switch - saloon
16	Overhead light – starboard saloon
17	Overhead light – starboard saloon
18	Overhead light – starboard saloon
19	Overhead light – port saloon
20	Overhead light – port saloon
21	Overhead light – port saloon
90	Negative terminal - Box - 6 Circuit breakers
125	Ground eye



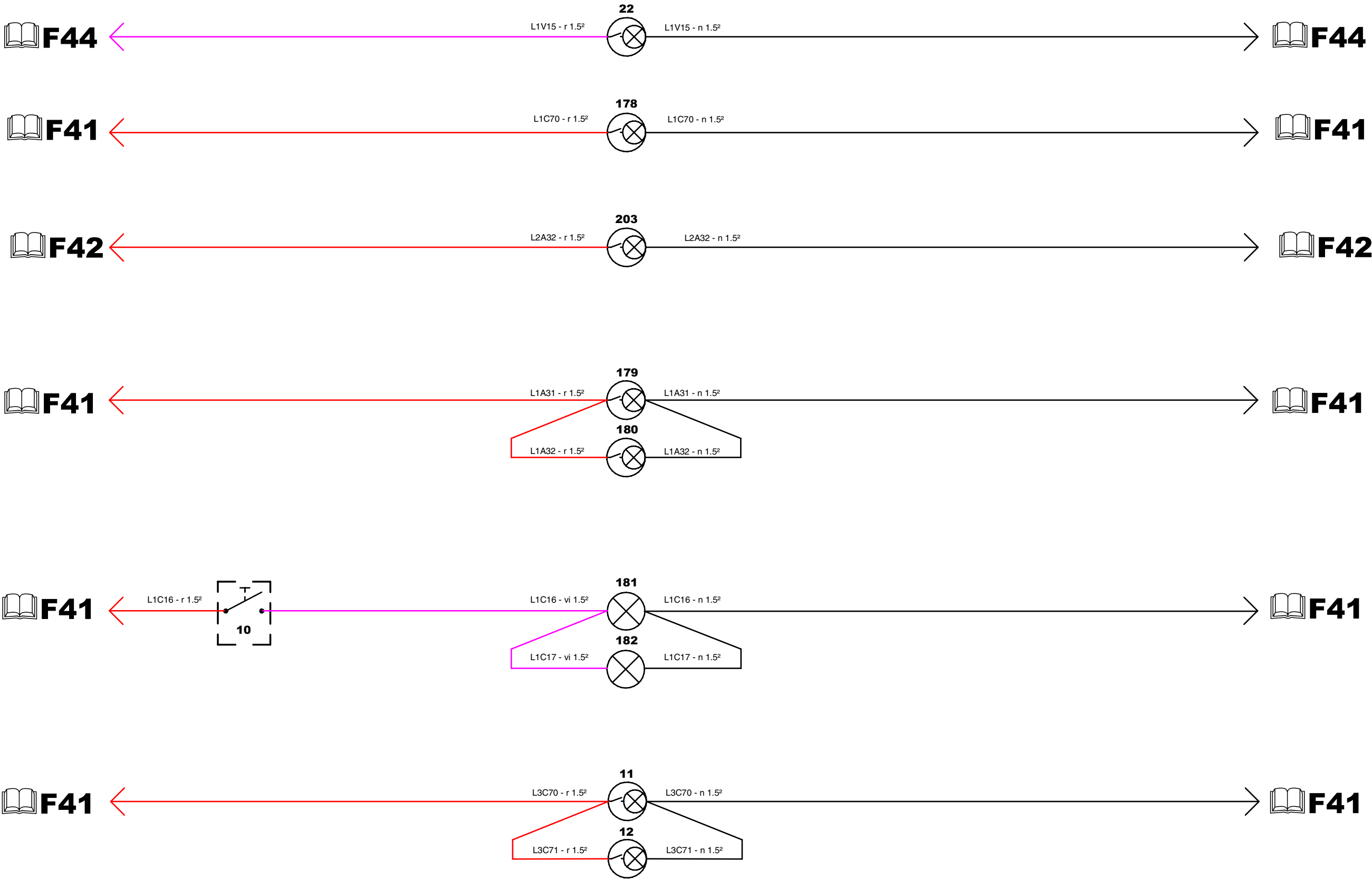
12V DC ELECTRICAL SCHEMATIC DIAGRAM: LIGHTING - COMMON

REFERENCE ON DIAGRAM	FUNCTIONS
1	Box - 6 Circuit breakers - Lighting
90	Negative terminal - Box - 6 Circuit breakers
125	Ground eye
174	Overhead light - port AFT head
175	Overhead light - port AFT head
176	Overhead light - starboard aft cabin
177	Overhead light - starboard aft cabin
190	Switch - Indirect lighting
191	Garland - - Box Mast foot
192	Garland - Saloon - Port forward
193	Garland - Saloon - Port aft
194	Garland - Galley
195	Reading light - Starboard aft cabin
196	Reading light - Starboard forward cabin
197	Reading light - Port aft cabin
198	Lighting - TAC
199	Lighting - TAC small
200	Reading light - Port forward cabin
201	Spot light - Desk - Forward cabin
202	Adjustable spotlight - Starboard forward head compartment



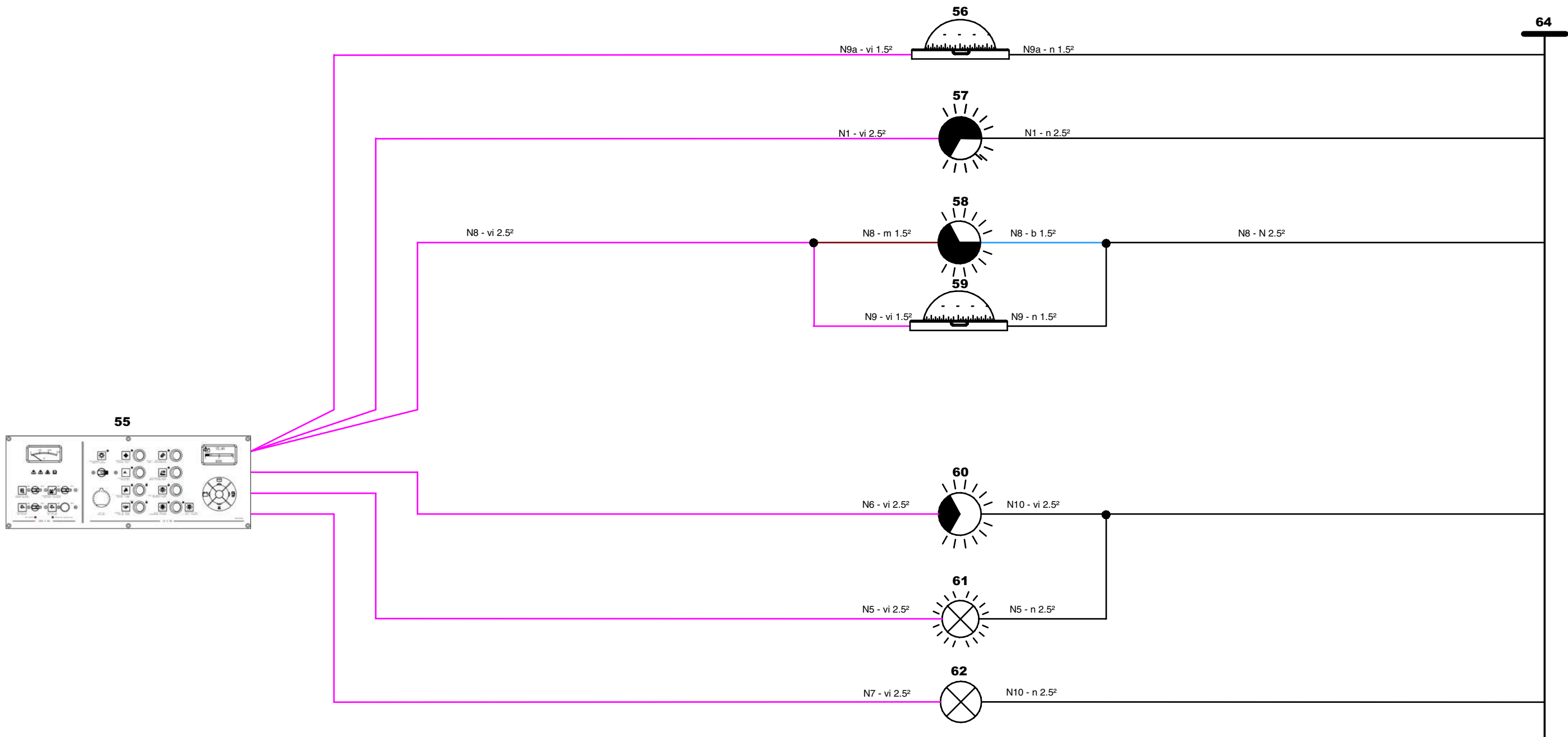
12V DC ELECTRICAL SCHEMATIC DIAGRAM: LIGHTING - VERSION 2 CABIN

REFERENCE ON DIAGRAM	FUNCTIONS
13	Fluorescent lamp - Dressing table
181	Overhead light - port forward cabin
182	Overhead light - starboard forward cabin
183	Switch - forward cabin
184	Spot light - Passageway
185	Spot light - Starboard forward head compartment - aft
186	Spot light - Starboard forward head compartment - forward



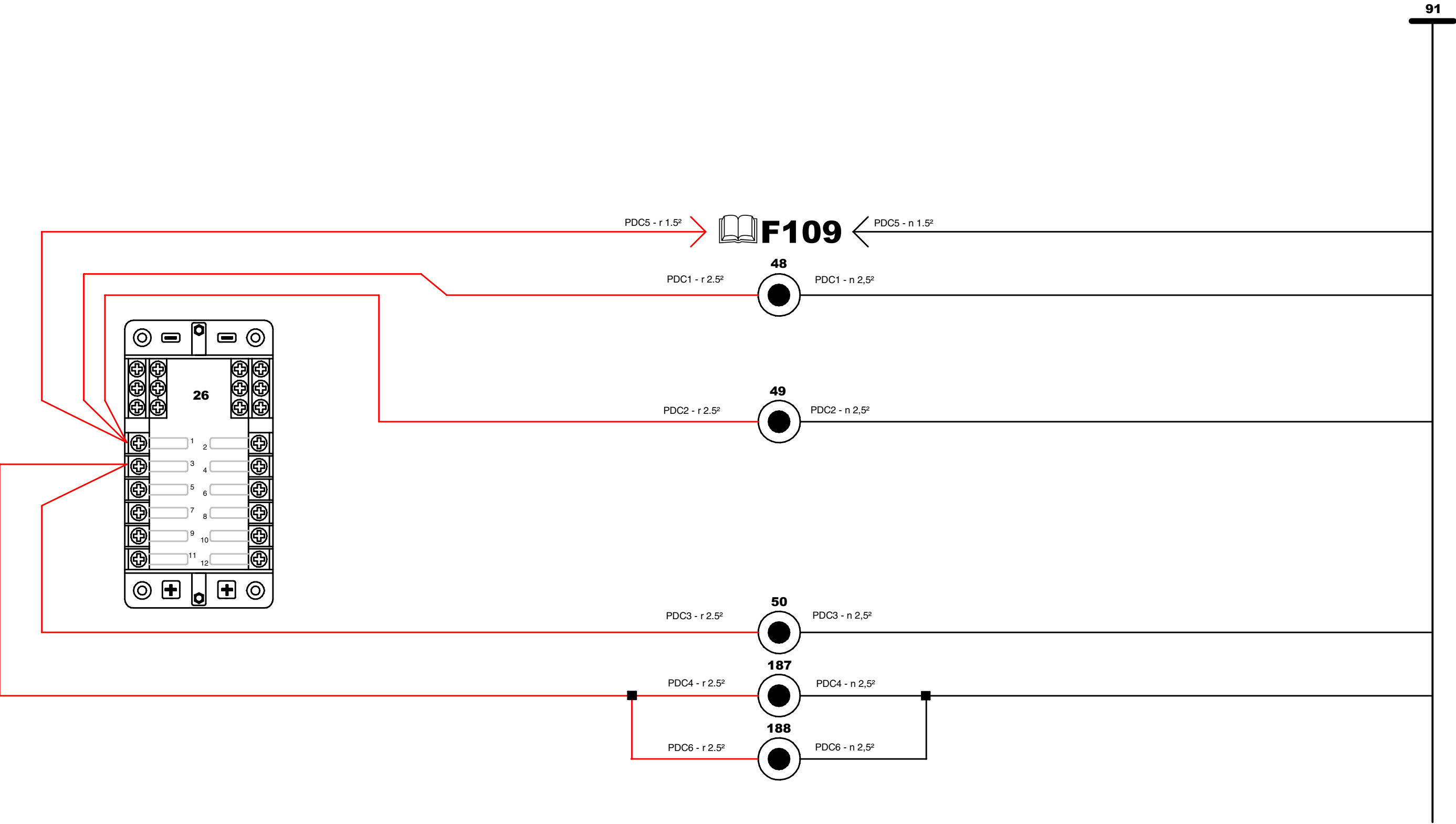
12V DC ELECTRICAL SCHEMATIC DIAGRAM: LIGHTING - VERSION 3 CABIN

REFERENCE ON DIAGRAM	FUNCTIONS
10	Switch - forward cabin
11	Adjustable spotlight - Berth - Lower - aft
12	Spot light - additional - Side cabin - Berth - Lower - aft
22	Overhead light - forward passageway
178	Overhead light - Side cabin - Port forward
179	Overhead light - starboard forward head - aft
180	Overhead light - starboard forward head - forward
181	Overhead light - port forward cabin
182	Overhead light - starboard forward cabin
203	Wall light - Port aft washroom



12V DC ELECTRICAL SCHEMATIC DIAGRAM: BURNERS

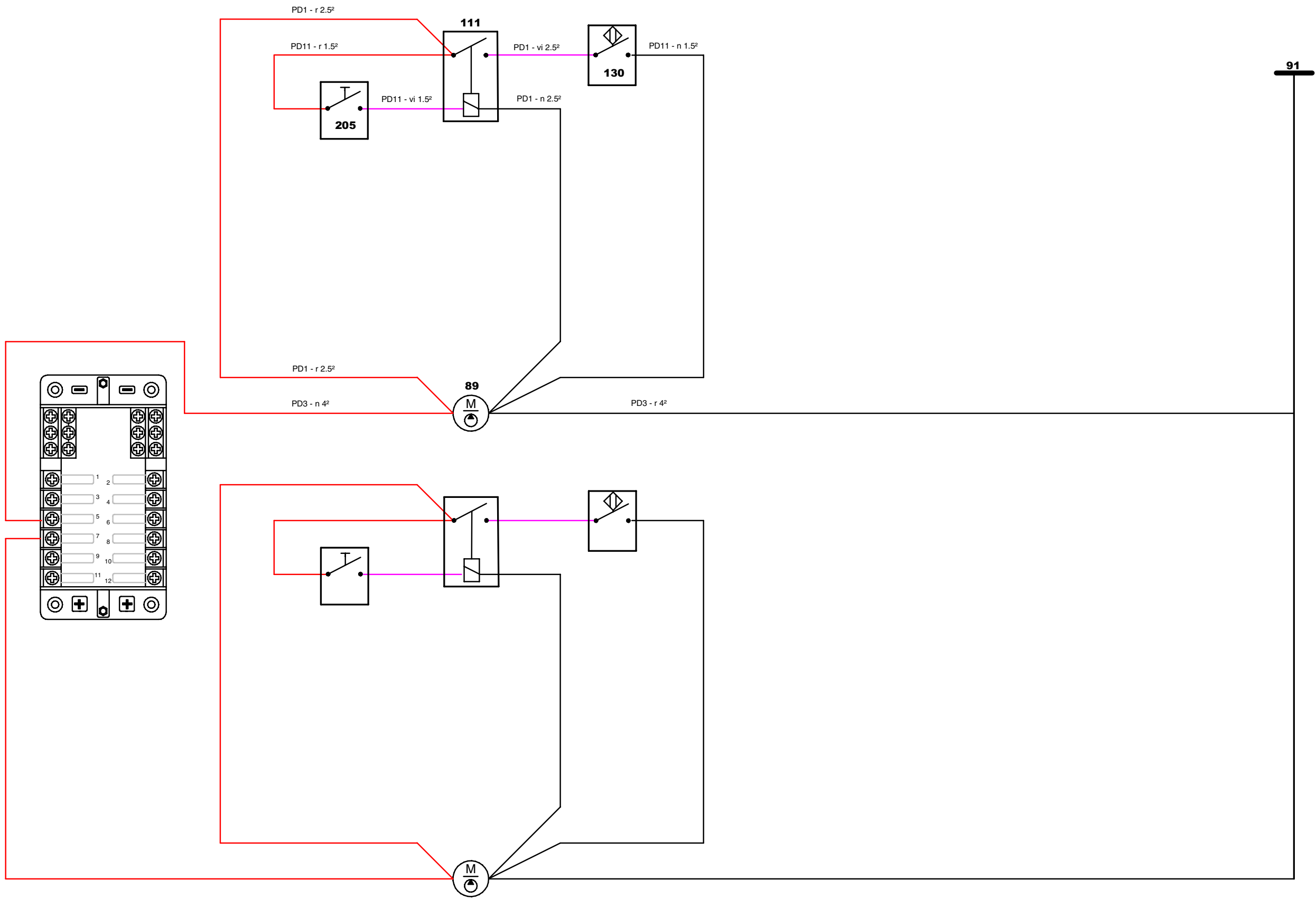
REFERENCE ON DIAGRAM	FUNCTIONS
55	Control panel - 12V
56	Starboard compass lighting
57	burners - forward
58	Navigation lights - aft
59	Port compass lighting
60	Steaming light
61	Mooring light
62	Deck light
64	Tiller - Negative terminal/Negative terminal



12V DC ELECTRICAL SCHEMATIC DIAGRAM: SOCKET

REFERENCE ON DIAGRAM	FUNCTIONS
26	Box - 12 Circuit breakers
48	Socket - 12V - Port forward cabin
49	Socket - 12V - Port aft cabin
50	Socket - 12V - Starboard aft cabin
91	Negative terminal - Box - 12 Circuit breakers
187	Socket - 12V - Forward cabin
188	Socket - 12V - Forward cabin

12V DC ELECTRICAL SCHEMATIC DIAGRAM: SHOWER PUMPS

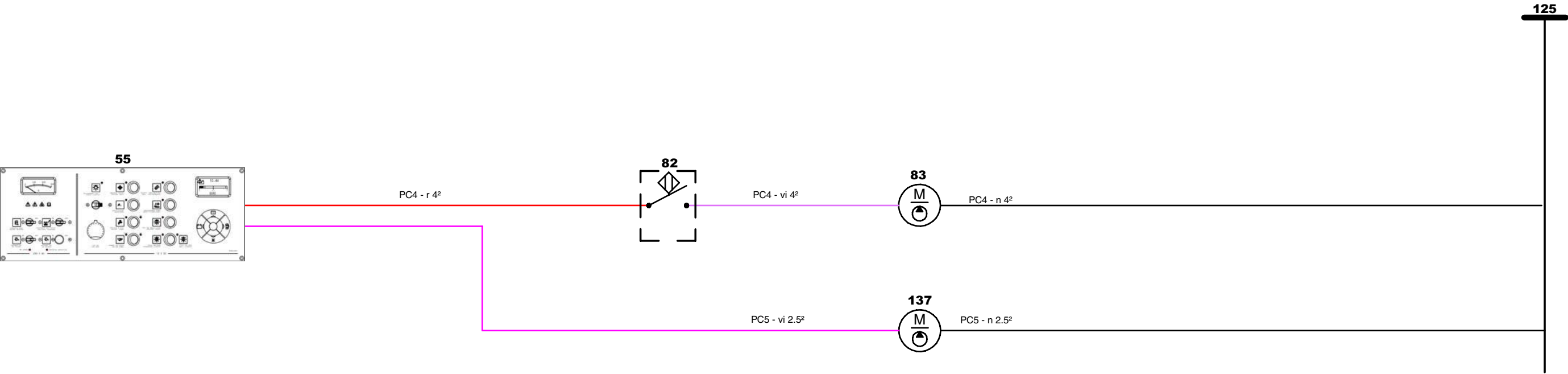


ELECTRICITY



12V DC ELECTRICAL SCHEMATIC DIAGRAM: SHOWER PUMPS

REFERENCE ON DIAGRAM	FUNCTIONS
25	Shower pump - aft
26	Box - 12 Circuit breakers
89	Shower pump - forward
91	Negative terminal - Box - 12 Circuit breakers
105	Relay box - Drain pump - Aft shower
106	Outlet - Shower pump - aft
107	Switch - Drain pump - Aft shower
111	Relay box - Drain pump - Forward shower
130	Outlet - Shower pump - forward
205	Switch - shower pump - forward

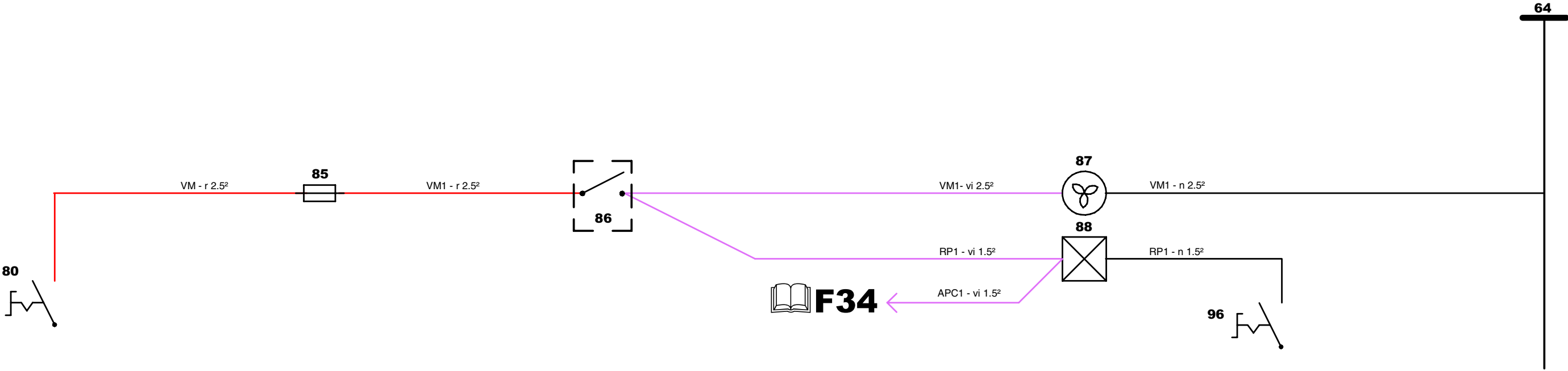


12V DC ELECTRICAL SCHEMATIC DIAGRAM: BILGE PUMP

REFERENCE ON DIAGRAM	FUNCTIONS
55	Control panel - 12V
82	Float switch - bilge pump
83	Bilge pump
125	Ground eye
137	Bilge pump

12V DC ELECTRICAL SCHEMATIC DIAGRAM: ENGINE COMPARTMENT VENTILATOR

ELECTRICITY

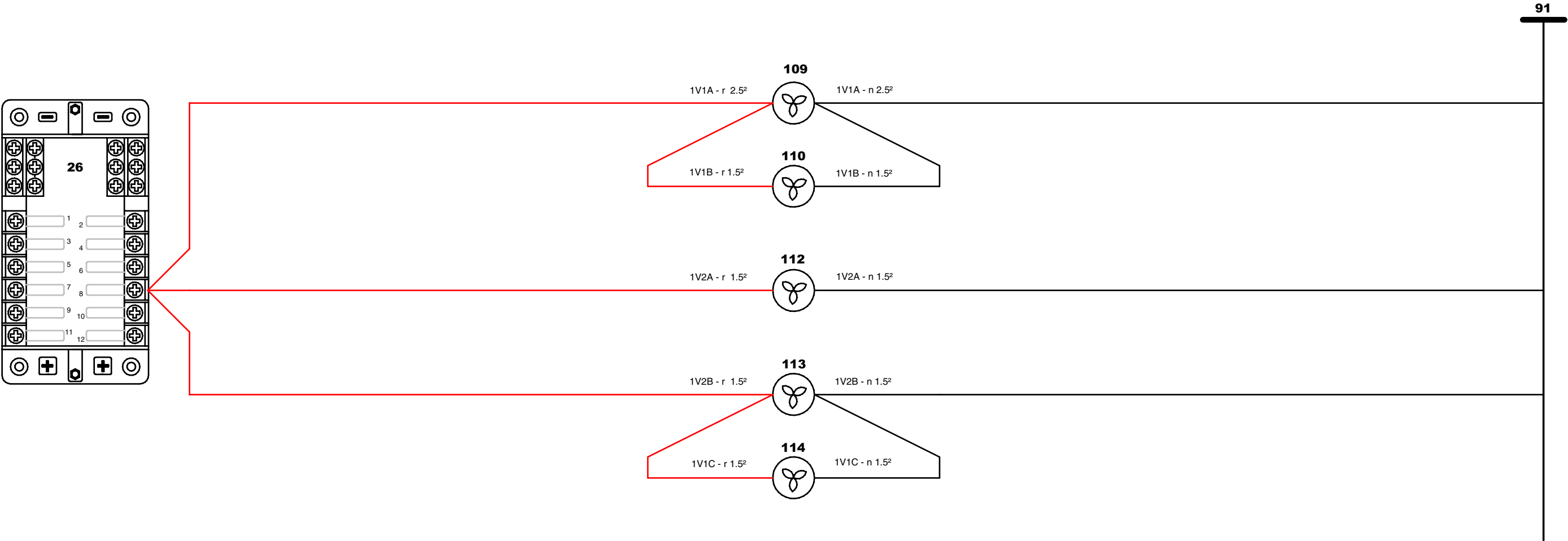


12V DC ELECTRICAL SCHEMATIC DIAGRAM: ENGINE COMPARTMENT VENTILATOR

REFERENCE ON DIAGRAM	FUNCTIONS
64	Tiller - Negative terminal/Negative terminal
80	Battery switch + Engine
85	7,5A fuse - Ventilation - Engine
86	Relay box - Windlass engine
87	Engine compartment ventilator
88	Control - Charge divider
96	Battery switch of negative terminal

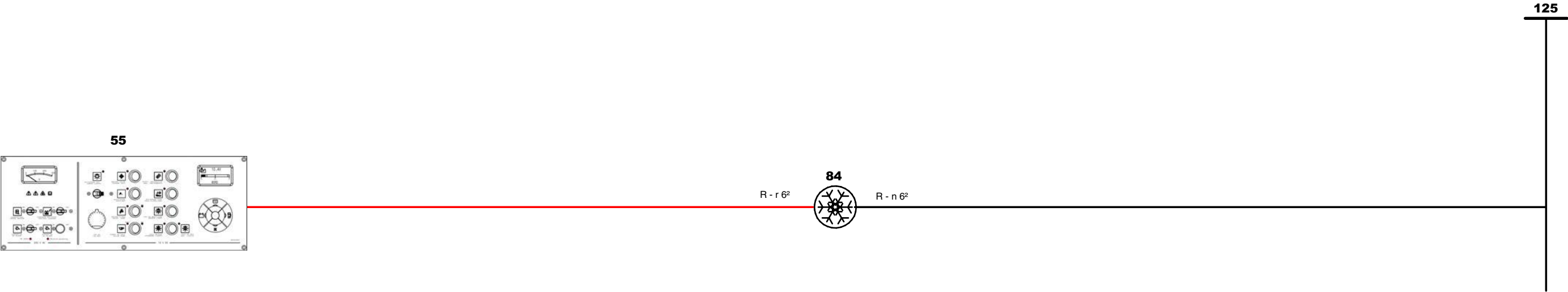
12V DC ELECTRICAL SCHEMATIC DIAGRAM: OPTIONAL EQUIPMENT - VENTILATOR

ELECTRICITY



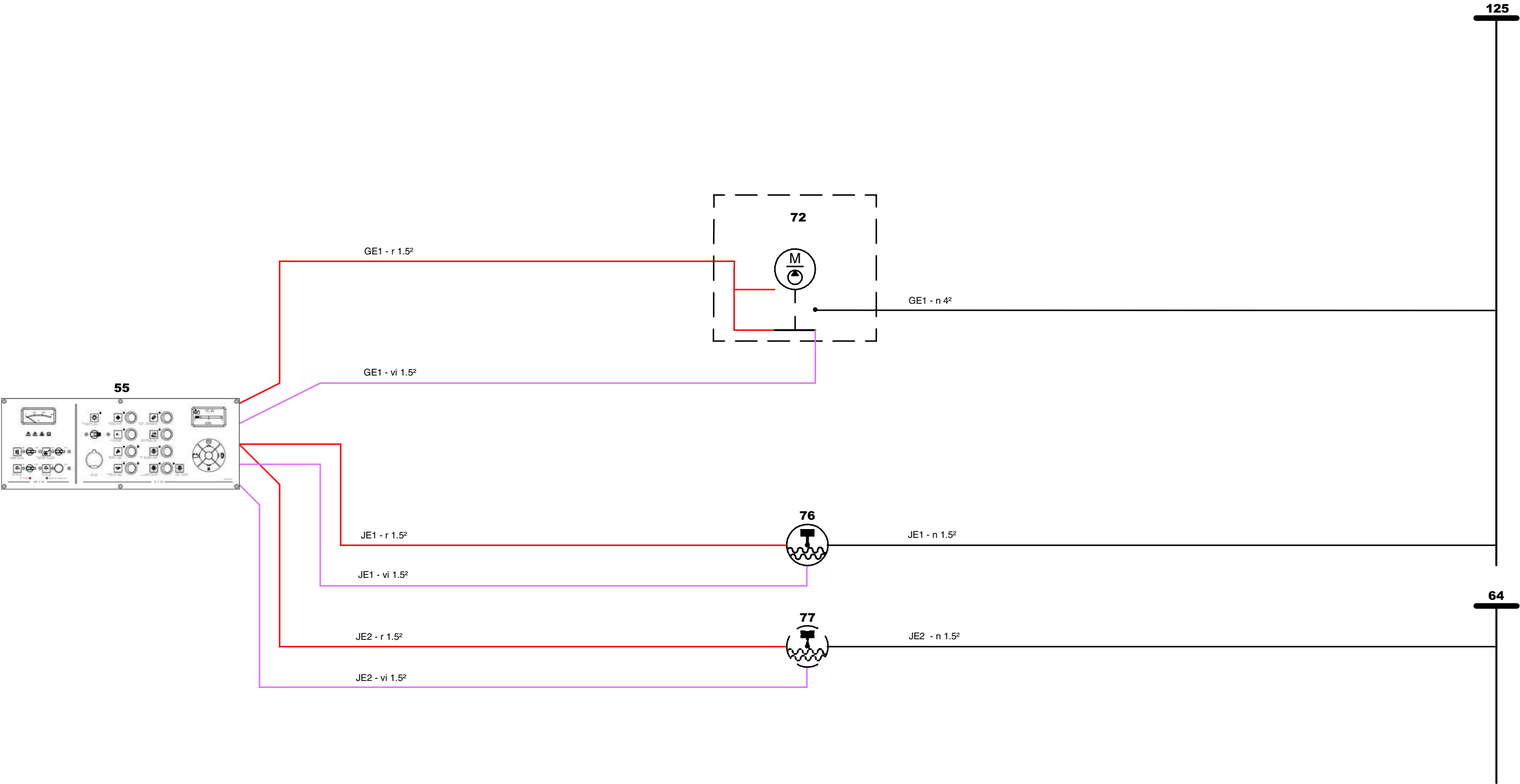
12V DC ELECTRICAL SCHEMATIC DIAGRAM: OPTIONAL EQUIPMENT - VENTILATOR

REFERENCE ON DIAGRAM	FUNCTIONS
26	Box - 12 Circuit breakers
91	Negative terminal - Box - 12 Circuit breakers
109	Ventilator - Starboard aft cabin
110	Ventilator - Saloon - Starboard forward
112	Ventilator - Port aft cabin
113	Ventilator - Saloon - Port forward
114	Ventilator - Port forward cabin



12V DC ELECTRICAL SCHEMATIC DIAGRAM: REFRIGERATION UNIT

REFERENCE ON DIAGRAM	FUNCTIONS
55	Control panel - 12V
84	Refrigeration unit
125	Ground eye



ELECTRICITY

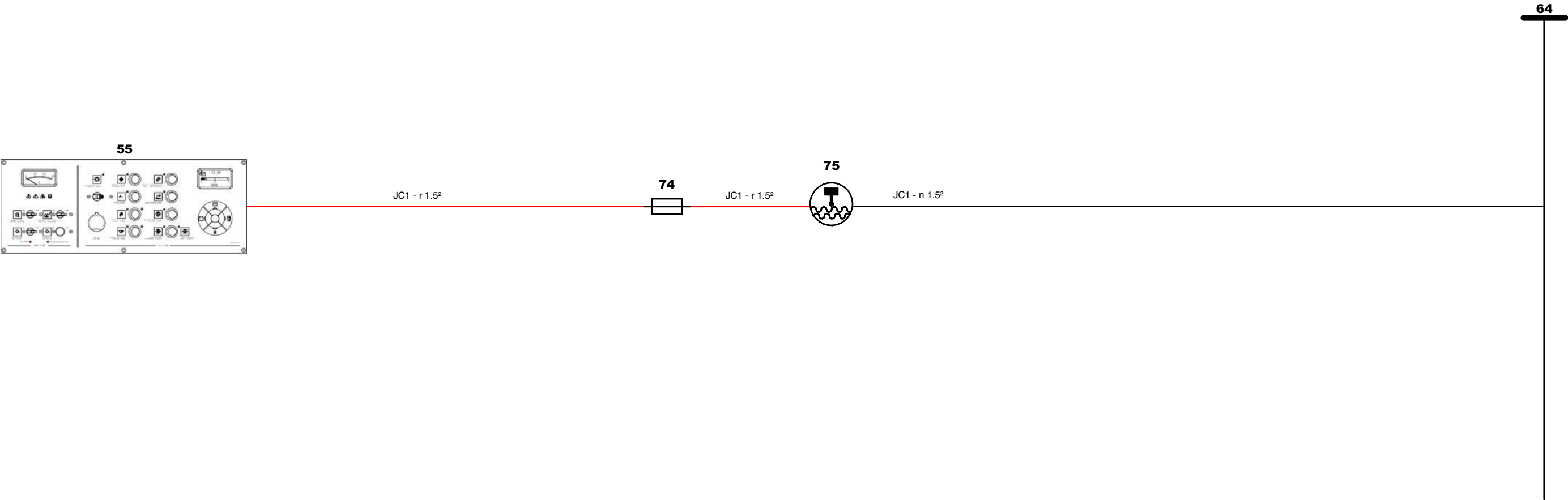


12V DC ELECTRICAL SCHEMATIC DIAGRAM: WATER UNIT

REFERENCE ON DIAGRAM	FUNCTIONS
55	Control panel - 12V
64	Tiller - Negative terminal/Negative terminal
72	Water unit
76	Front tank meter
77	Water gauge transmitter
125	Ground eye

12V DC ELECTRICAL SCHEMATIC DIAGRAM: FUEL OIL GAUGE

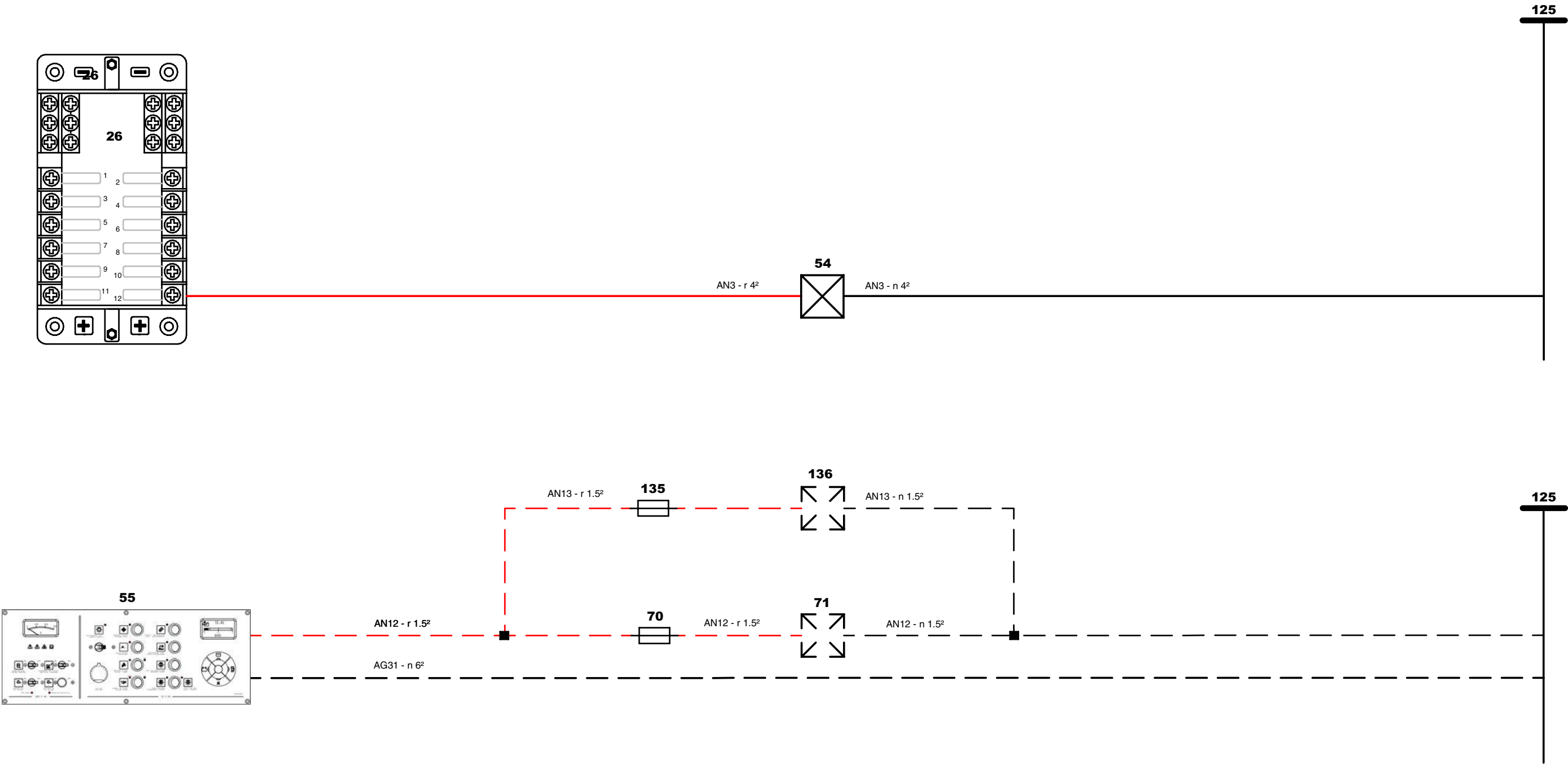
ELECTRICITY



12V DC ELECTRICAL SCHEMATIC DIAGRAM: FUEL OIL GAUGE

REFERENCE ON DIAGRAM	FUNCTIONS
55	Control panel - 12V
64	Tiller - Negative terminal/Negative terminal
74	250mA fuse - Fuel oil gauge transmitter
75	Fuel oil gauge transmitter

12V DC ELECTRICAL SCHEMATIC DIAGRAM: NAVIGATION ELECTRONICS



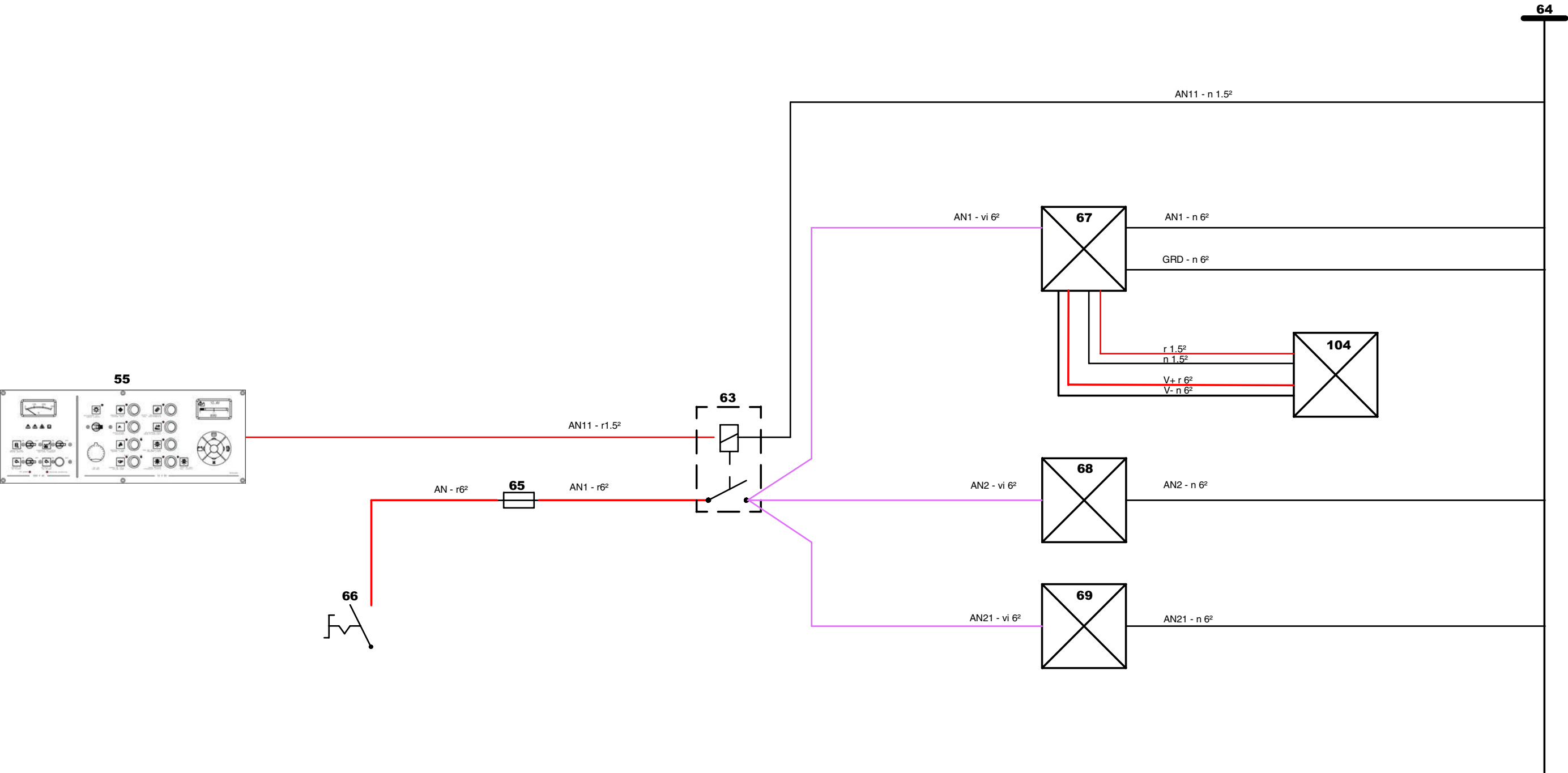
ELECTRICITY



12V DC ELECTRICAL SCHEMATIC DIAGRAM: NAVIGATION ELECTRONICS

REFERENCE ON DIAGRAM	FUNCTIONS
26	Box - 12 Circuit breakers
54	Navigation electronics
55	Control panel - 12V
70	5A fuse - Supply - PC interface
71	Supply - PC interface
125	Ground eye
135	5A fuse - Electronic - Cockpit table
136	Electronic - Cockpit table

12V DC ELECTRICAL SCHEMATIC DIAGRAM: OPTIONAL EQUIPMENT - ELECTRONIC - AUTO PILOT

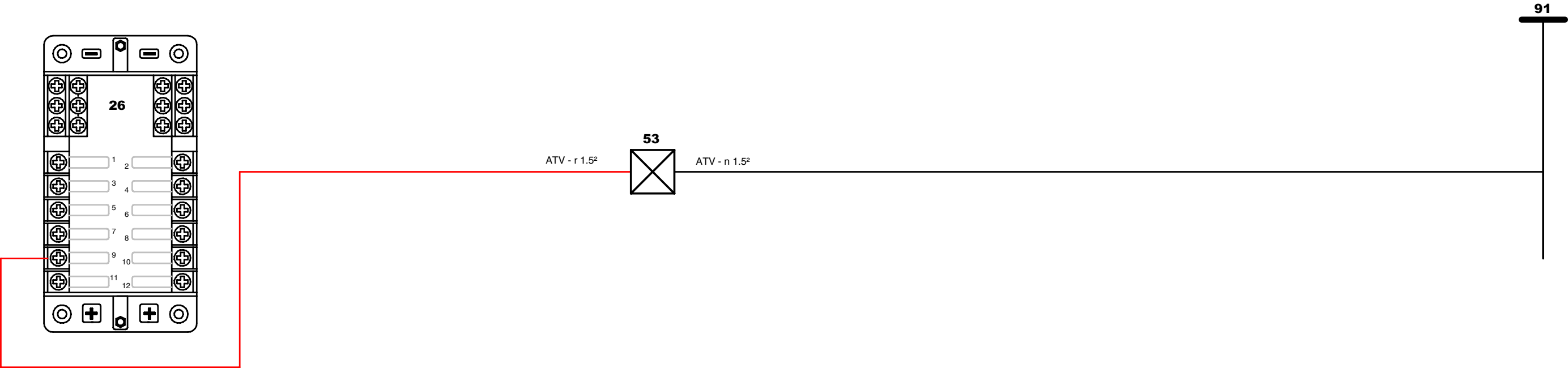


ELECTRICITY



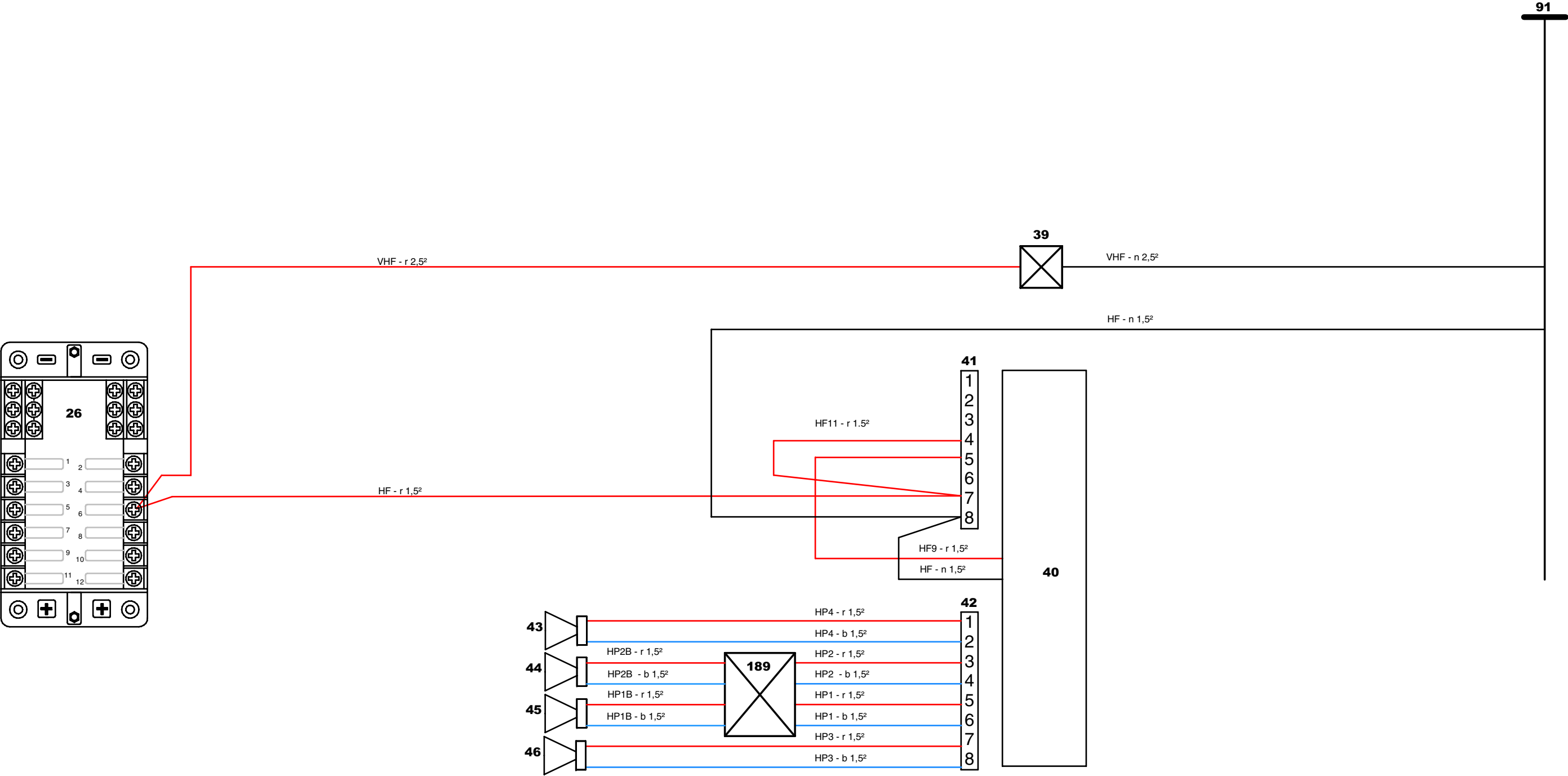
12V DC ELECTRICAL SCHEMATIC DIAGRAM: OPTIONAL EQUIPMENT - ELECTRONIC - AUTO PILOT

REFERENCE ON DIAGRAM	FUNCTIONS
55	Control panel - 12V
63	Relay box - Electronic
64	Tiller - Negative terminal/Negative terminal
65	Fuse - Navigation electronics
66	Battery switch + House
67	Vessel Management Unit
68	Electronic - Cockpit table
69	Chart table
104	Autopilot ram



12V DC ELECTRICAL SCHEMATIC DIAGRAM: TV AMPLIFIER

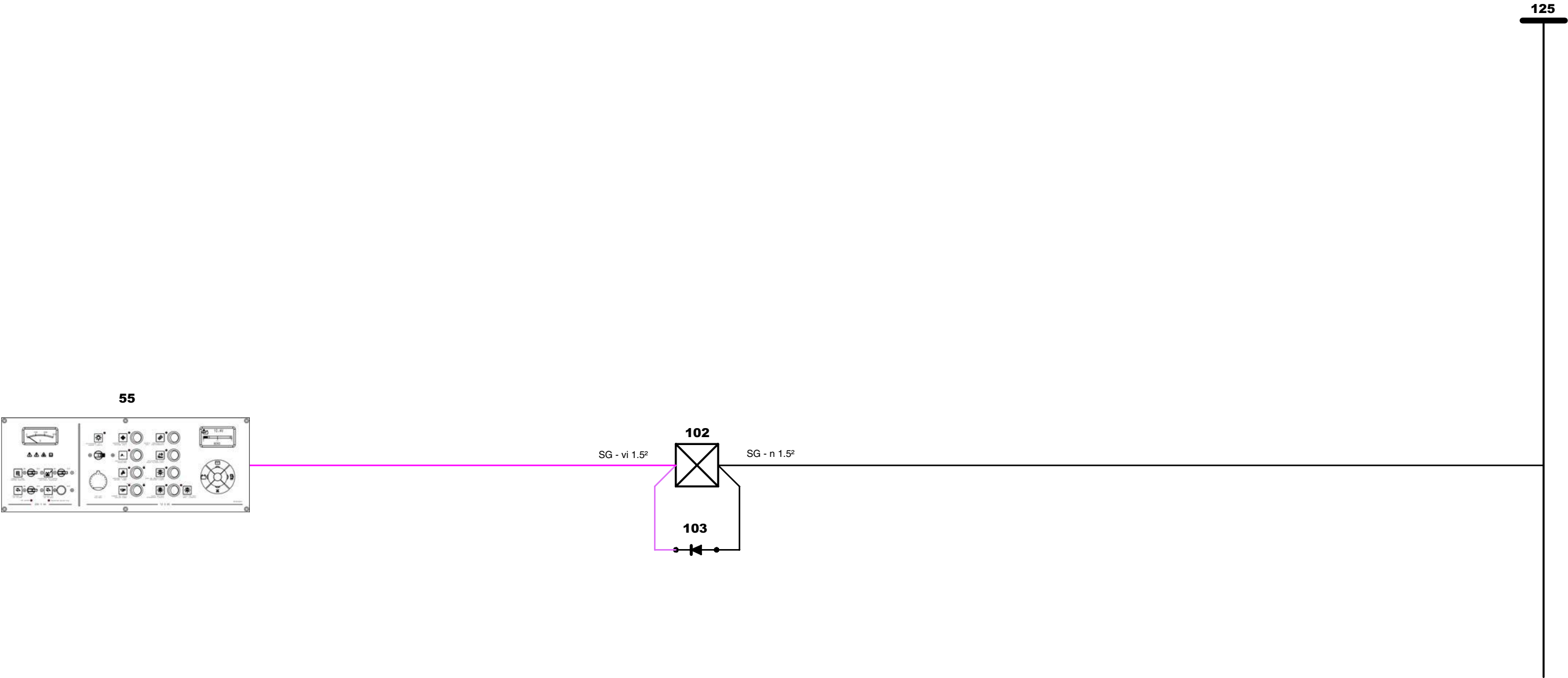
REFERENCE ON DIAGRAM	FUNCTIONS
26	Box - 12 Circuit breakers
53	TV aerial amplifier
91	Negative terminal - Box - 12 Circuit breakers



12V DC ELECTRICAL SCHEMATIC DIAGRAM: RADIO & VHF

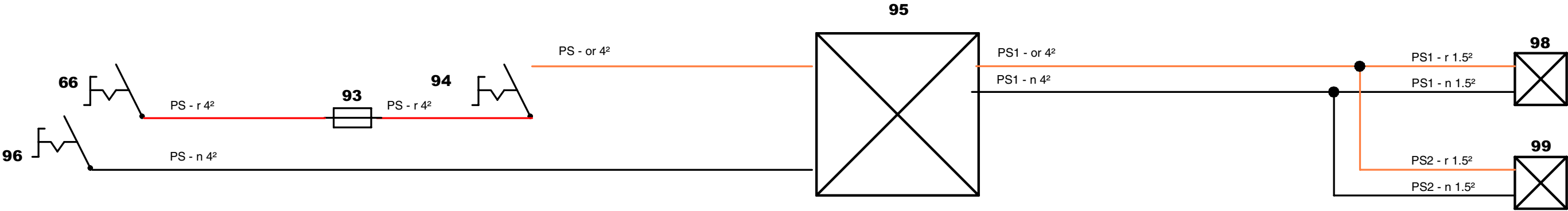
REFERENCE ON DIAGRAM	FUNCTIONS
26	Box - 12 Circuit breakers
39	VHF
40	Radio
41	Connector - Radio
42	Connector - Radio
43	Loudspeaker outside to starboard
44	Starboard speaker - saloon
45	Port speaker - saloon
46	Loudspeaker outside to port
91	Negative terminal - Box - 12 Circuit breakers
189	Base box

ELECTRICITY



12V DC ELECTRICAL SCHEMATIC DIAGRAM: SOLENOID - GAS

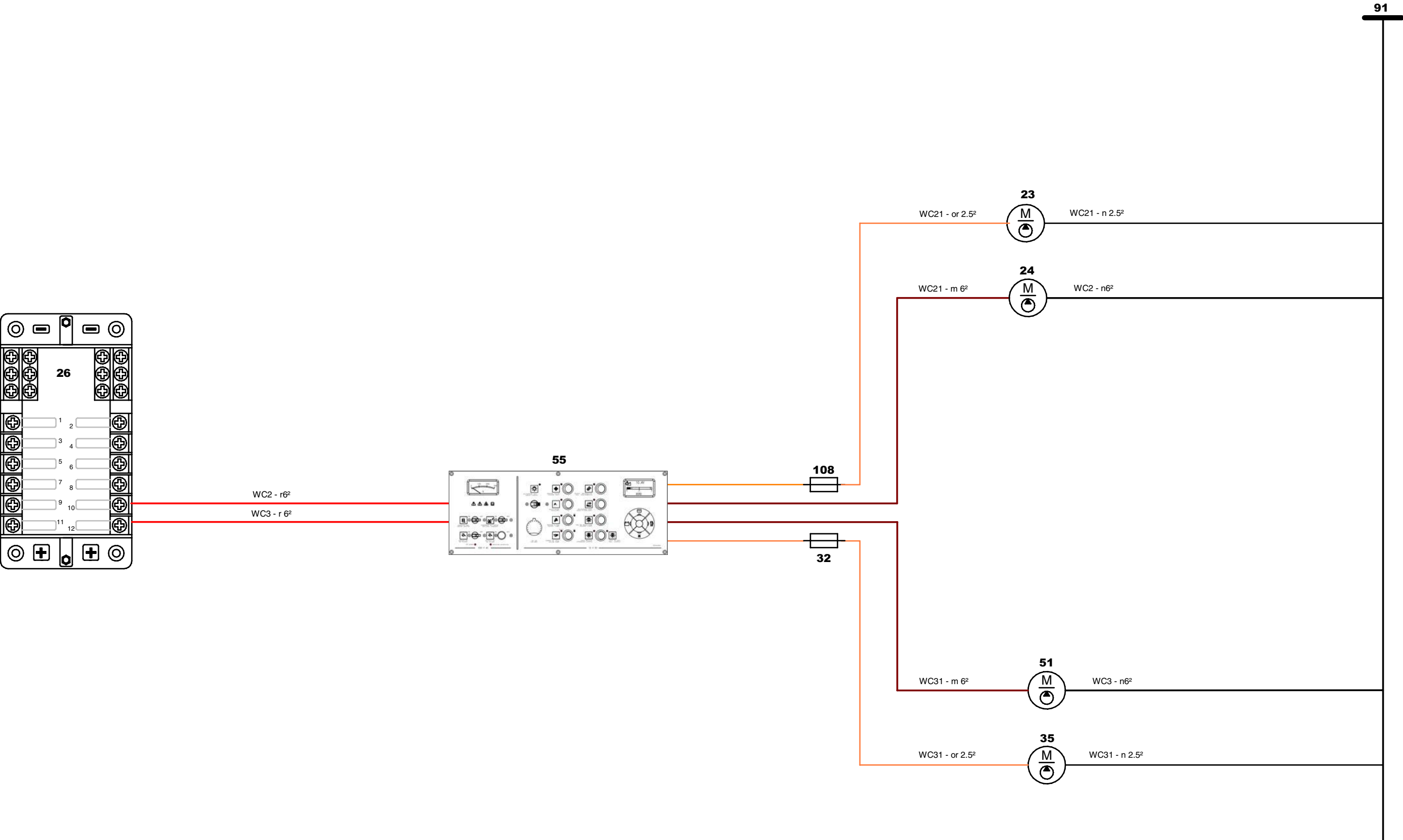
REFERENCE ON DIAGRAM	FUNCTIONS
55	Control panel - 12V
102	Control - Solenoid - Gas
103	Diodes- Solenoid - Gas
125	Ground eye



12V DC ELECTRICAL SCHEMATIC DIAGRAM: SOLAR PANELS

REFERENCE ON DIAGRAM	FUNCTIONS
66	Battery switch + House
93	10A fuse - Charge controller - Solar panels
94	Battery switch - Solar panels
95	Charge controller - Solar panels
96	Battery switch of negative terminal
98	Box - Protection - Solar panels - Starboard
99	Box - Protection - Solar panels - Port side

12V DC ELECTRICAL SCHEMATIC DIAGRAM: WC - QF

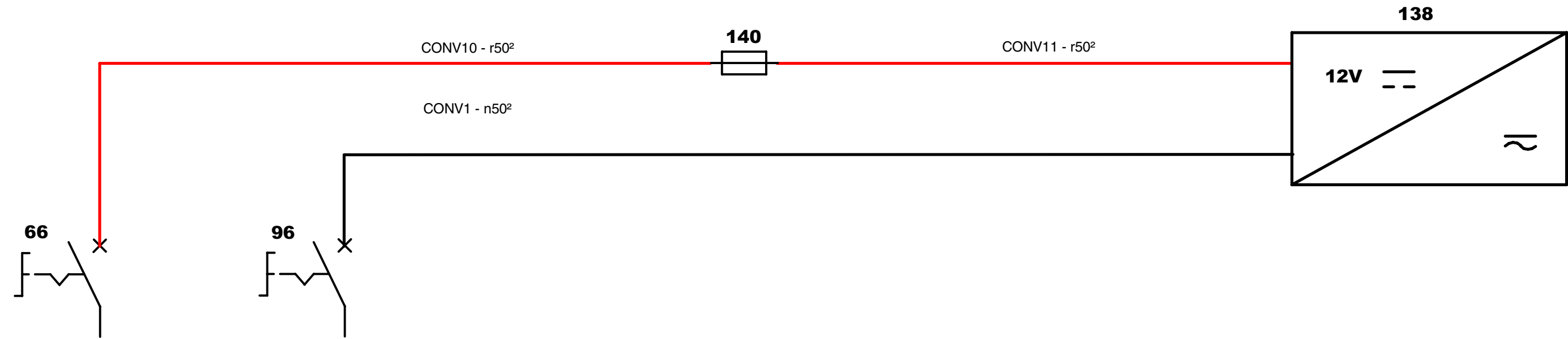


ELECTRICITY



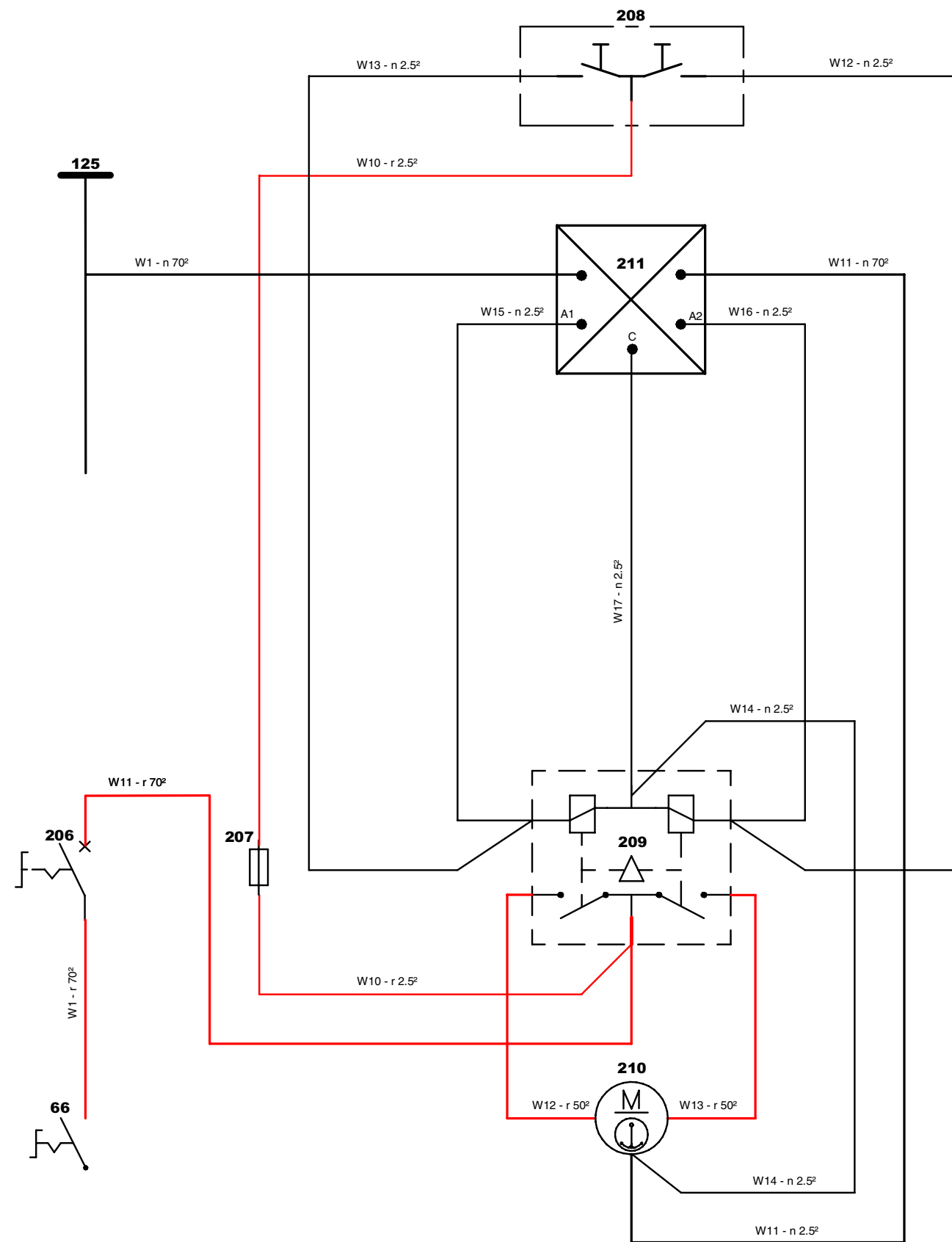
12V DC ELECTRICAL SCHEMATIC DIAGRAM: WC - QF

REFERENCE ON DIAGRAM	FUNCTIONS
23	Pump - WC - aft
24	Crusher - WC - aft
26	Box - 12 Circuit breakers
32	15A fuse - Pump - WC - forward
35	Pump - WC - forward
51	Crusher - WC - forward
55	Control panel - 12V
91	Negative terminal - Box - 12 Circuit breakers
108	15A fuse - Pump - WC - aft



12V DC ELECTRICAL SCHEMATIC DIAGRAM: SUPPLY - INVERTER

REFERENCE ON DIAGRAM	FUNCTIONS
66	Battery switch + House
96	Battery switch of negative terminal
138	Inverter - 230V AC or 115V AC
140	Fuse - Inverter

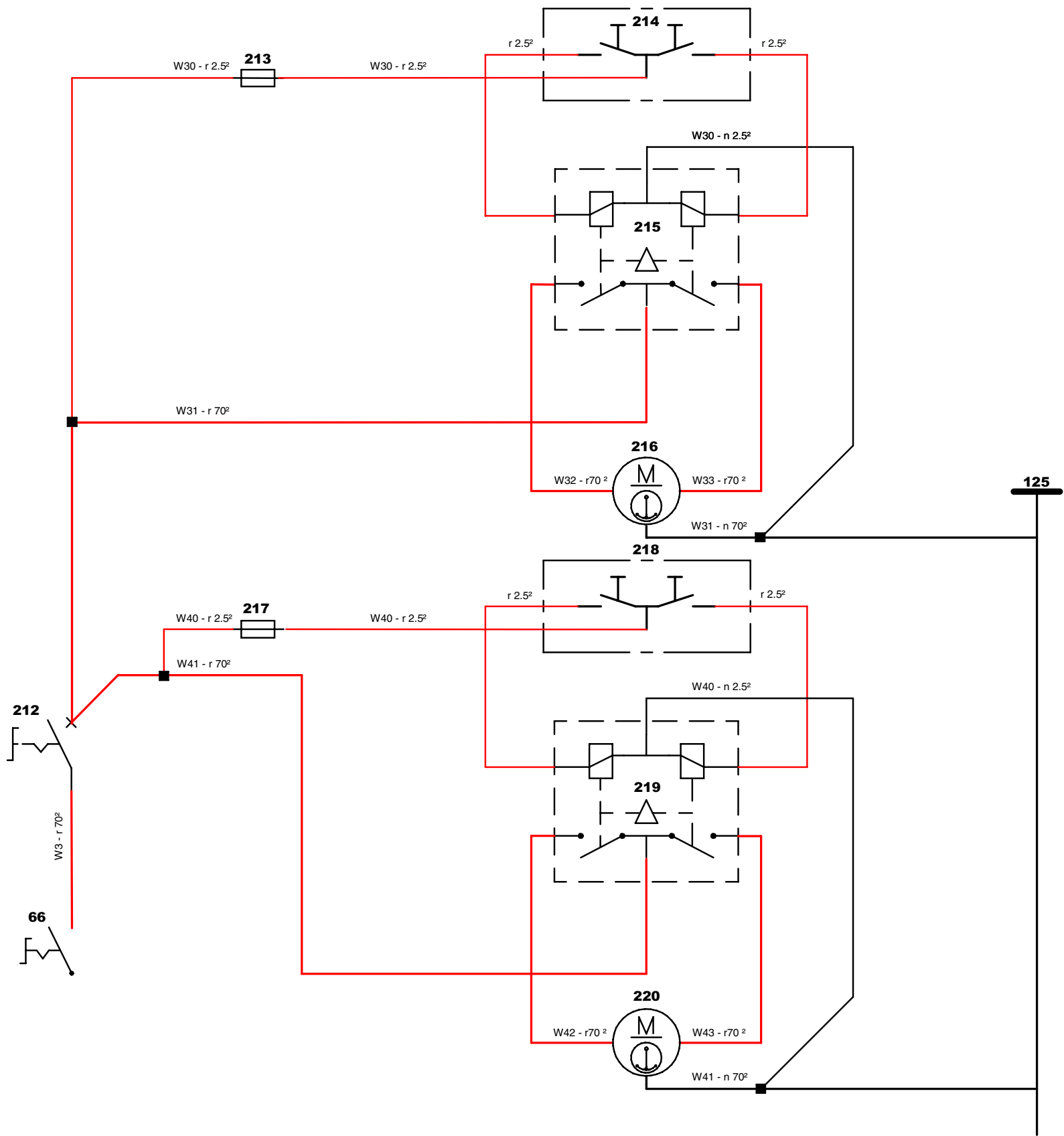


12V DC ELECTRICAL SCHEMATIC DIAGRAM: WINCH - ROOF

REFERENCE ON DIAGRAM	FUNCTIONS
66	Battery switch + House
125	Ground eye
206	Winch circuit breaker - Roof
207	5A fuse - Winch - Roof
208	Push button - Winch - Roof
209	Relay box - Winch - Roof
210	Engine - Winch - Roof
211	Torque limiter - Winch - Roof

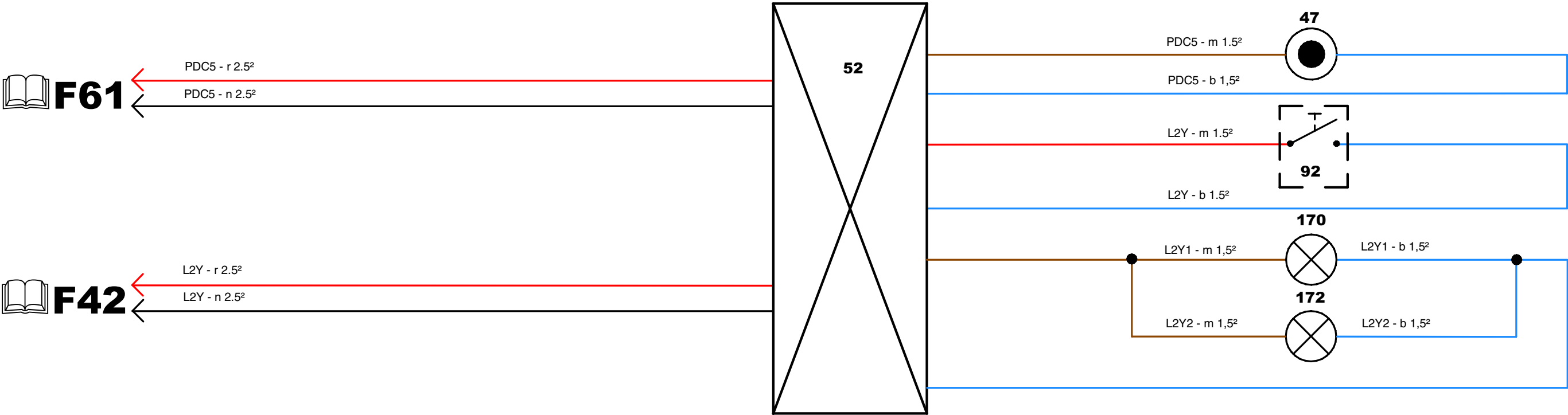
12V DC ELECTRICAL SCHEMATIC DIAGRAM: WINCH - MAINSAIL (CLASSIC)

ELECTRICITY



12V DC ELECTRICAL SCHEMATIC DIAGRAM: WINCH - MAINSAIL (CLASSIC)

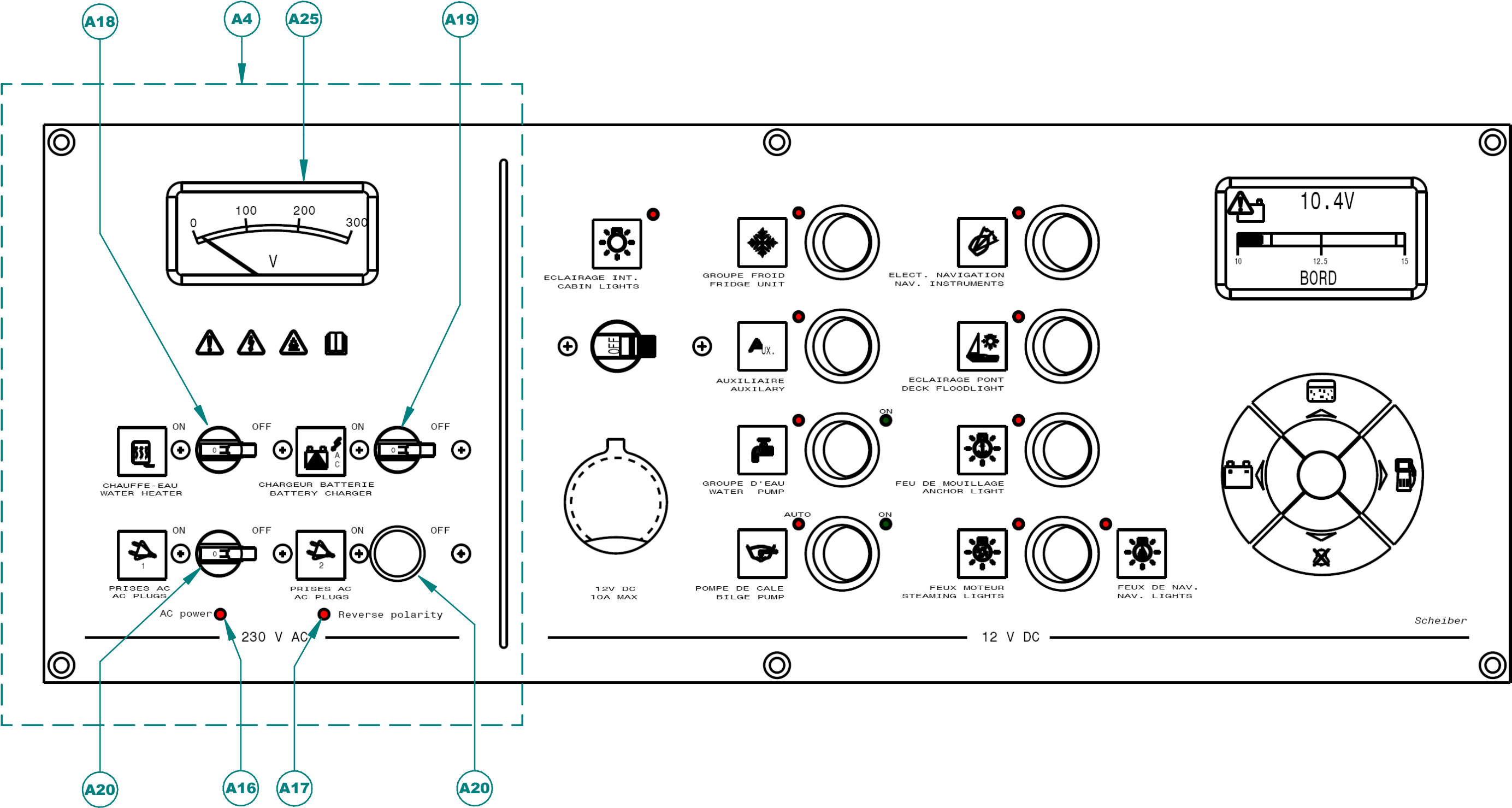
REFERENCE ON DIAGRAM	FUNCTIONS
66	Battery switch + House
125	Ground eye
212	Winch circuit breaker - Mainsail (classic)
213	13A fuse - Winch - Mainsail (classic) - Port side
214	Push button - Winch - Mainsail (classic) - Port side
215	Relay box - Winch - Mainsail (classic) - Port side
216	Engine - Winch - Mainsail (classic) - Port side
217	13A fuse - Winch - Mainsail (classic) - Starboard
218	Push button - Winch - Mainsail (classic) - Starboard
219	Relay box - Winch - Mainsail (classic) - Starboard
220	Engine - Winch - Mainsail (classic) - Starboard



12V DC ELECTRICAL SCHEMATIC DIAGRAM: COCKPIT TABLE

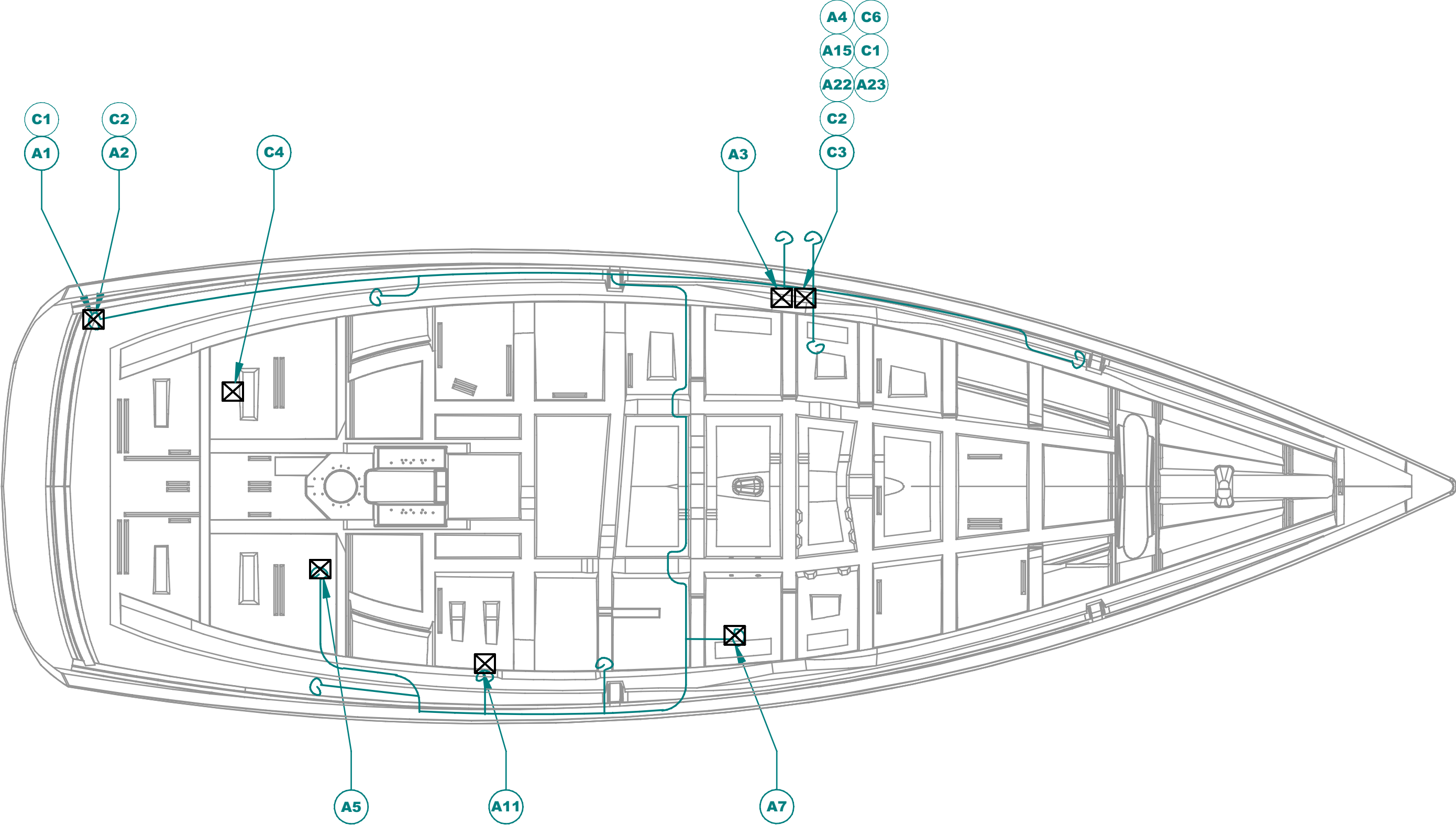
REFERENCE ON DIAGRAM	FUNCTIONS
47	Socket - Cockpit table
52	Cockpit table
92	Switch - Cockpit lighting
170	Light - cockpit table
172	Light - cockpit table

REFERENCE ON DIAGRAM	WIRE REFERENCE	FUNCTIONS	REMARK
A1	PQ1	Shore power socket	
A2	PQ1/PQ2	Differential switch	
A3	PQ2/PQ3	Electrical cabinet	
A4	XXXX	Electrical panel 230V AC	
A5	CH1	Charger	
A6	CE	Socket - 230V - Water heater	
A7	CE	Water heater	
A8	PAC5	Socket - galley	
A9	PAC6	Socket - starboard aft cabin	
A10	MO	Socket for micro-wave oven	
A11	MO	Microwave	
A12	PAC7	Socket - starboard aft cabin	Version - Side
A13	PAC1	Socket - port aft cabin	
A14	PAC2	Socket - chart table	
A15	PAC5/PAC1	Differential circuit breaker - 6mA - 115V	Optional equipment
A16	XXXX	Indicator light - shore power	
A17	XXXX	Indicator light - Reserve polarity	
A18	XXXX	Circuit breaker - water heater	
A19	XXXX	Circuit breaker of battery charger	
A20	XXXX	Breaker - AC sockets	
A21	PAC3	Socket - Forward cabin - Side	
A22	XXXX	Box - Inverter - 230V AC or 115V AC	Optional equipment
A23	CONV1/CONV2	Differential circuit breaker	Optional equipment
A24	CONV2	Inverter - 230V AC or 115V AC	Optional equipment
A25	CONV2/V1	Voltmeter	Optional equipment
A26	CONV	Earthing plate - Inverter - 230V AC or 115V AC	Optional equipment
A27	PAC5A/PAC1	6 way connector	Optional equipment
A28	PAC5/PAC1	6 way connector	Optional equipment
A29	PAC5/PAC1	6 way connector	Optional equipment
A30	PAC5/PAC1	6 way connector	Optional equipment
A31	CH1	Differential circuit breaker - Water heater	
C1	CL100	Air conditioning shore power supply	Optional equipment
C2	CL100/CL101	Differential circuit breaker	Optional equipment
C3	CL101/CL1/PCL1/PCL11	Electrical cabinet	Optional equipment
C4	PCL1	Pump - Air conditioning	Optional equipment
C5	CL1/PCL11	Saloon air conditioning - Starboard	Optional equipment
C6	CL1/PCL1/PCL10/PCL11	Box - trigger	Optional equipment
C7	CL2/PCL12	Saloon air conditioning - Starboard aft	Optional equipment
C8	CL3/PCL13	Air conditioning - Port forward cabin	Optional equipment



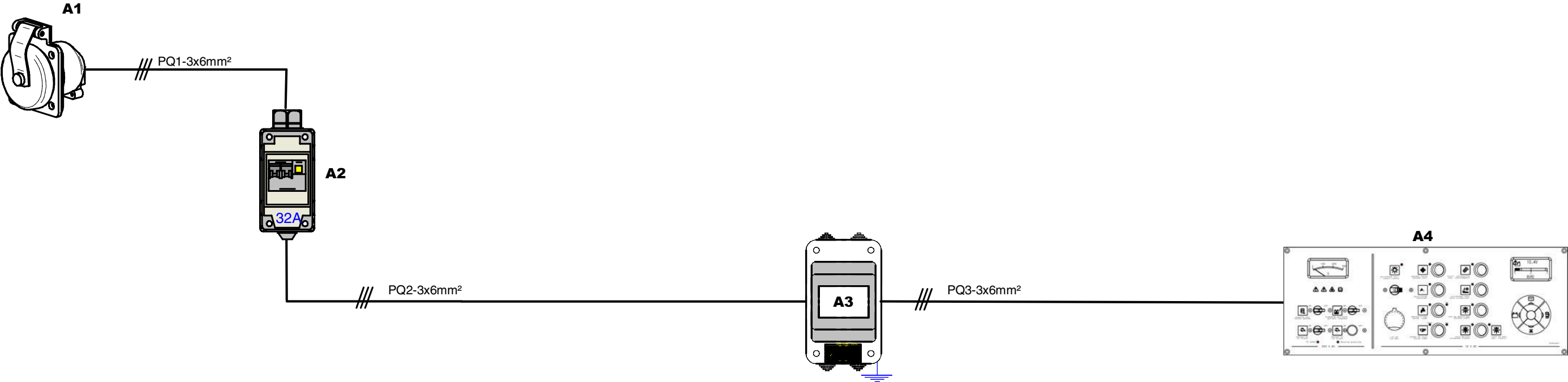
PANEL - 230V AC & 115V AC

REFERENCE ON DIAGRAM	FUNCTIONS
A4	Electrical panel 230V AC
A16	Indicator light - shore power
A17	Indicator light - Reserve polarity
A18	Circuit breaker - water heater
A19	Circuit breaker of battery charger
A20	Breaker - AC sockets
A25	Voltmeter



LOCATION - HULL - 230V AC & 115V AC

REFERENCE ON DIAGRAM	FUNCTIONS
A1	Shore power socket
A2	Differential switch
A3	Electrical cabinet
A4	Electrical panel 230V AC
A5	Charger
A7	Water heater
A11	Microwave
A15	Differential circuit breaker - 6mA - 115V
A22	Box - Inverter - 230V AC or 115V AC
A23	Differential circuit breaker
C1	Air conditioning shore power supply
C2	Differential circuit breaker
C3	Electrical cabinet
C4	Pump - Air conditioning
C6	Box - trigger



230V & 115V AC ELECTRICAL SCHEMATIC DIAGRAM: SHORE POWER SOCKET

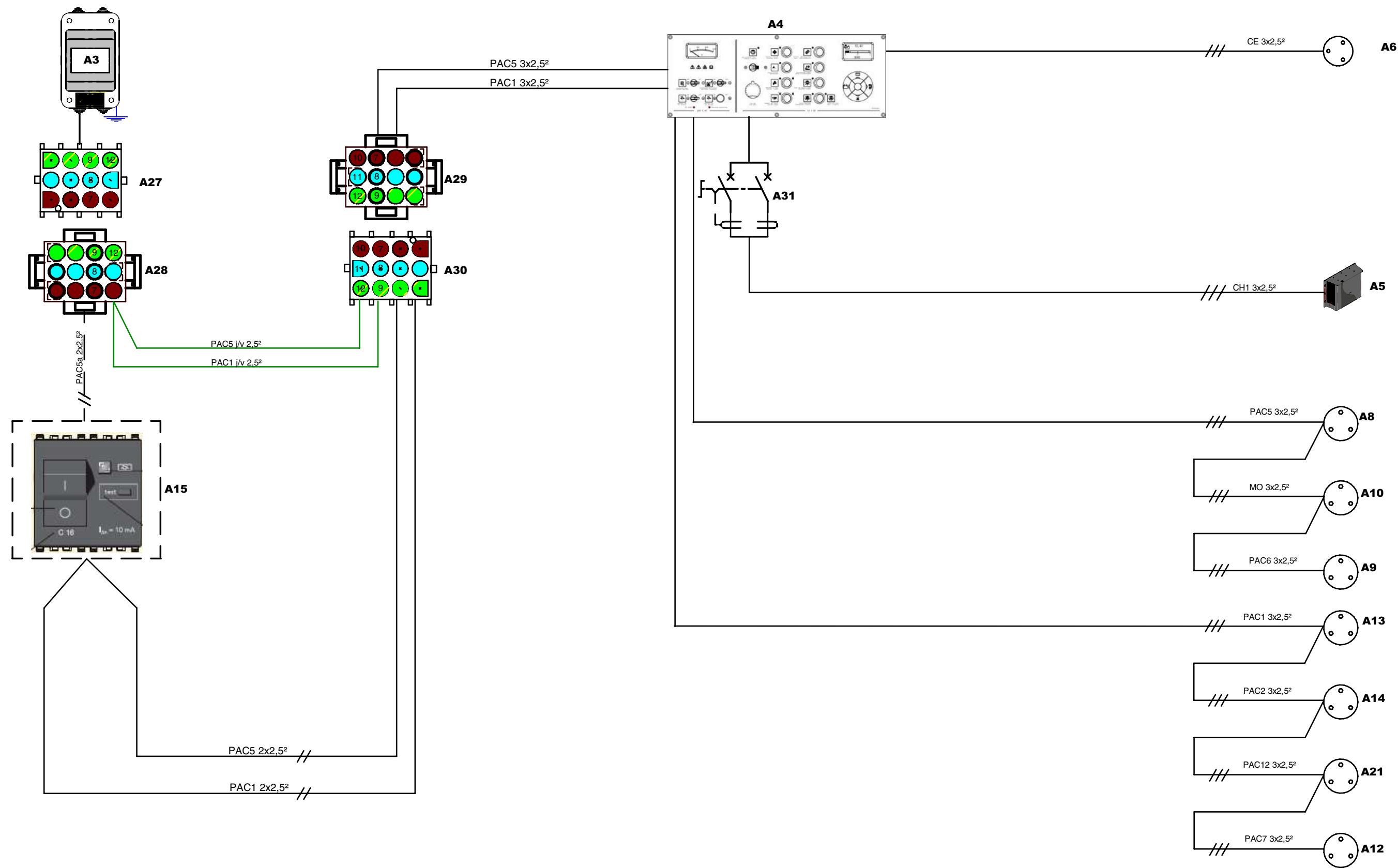
REFERENCE ON DIAGRAM	FUNCTIONS
A1	Shore power socket
A2	Differential switch
A3	Electrical cabinet
A4	Electrical panel 230V AC



230V & 115V AC ELECTRICAL SCHEMATIC DIAGRAM: AIR CONDITIONING SHORE POWER SUPPLY

REFERENCE ON DIAGRAM	FUNCTIONS
C1	Air conditioning shore power supply
C2	Differential circuit breaker
C3	Electrical cabinet

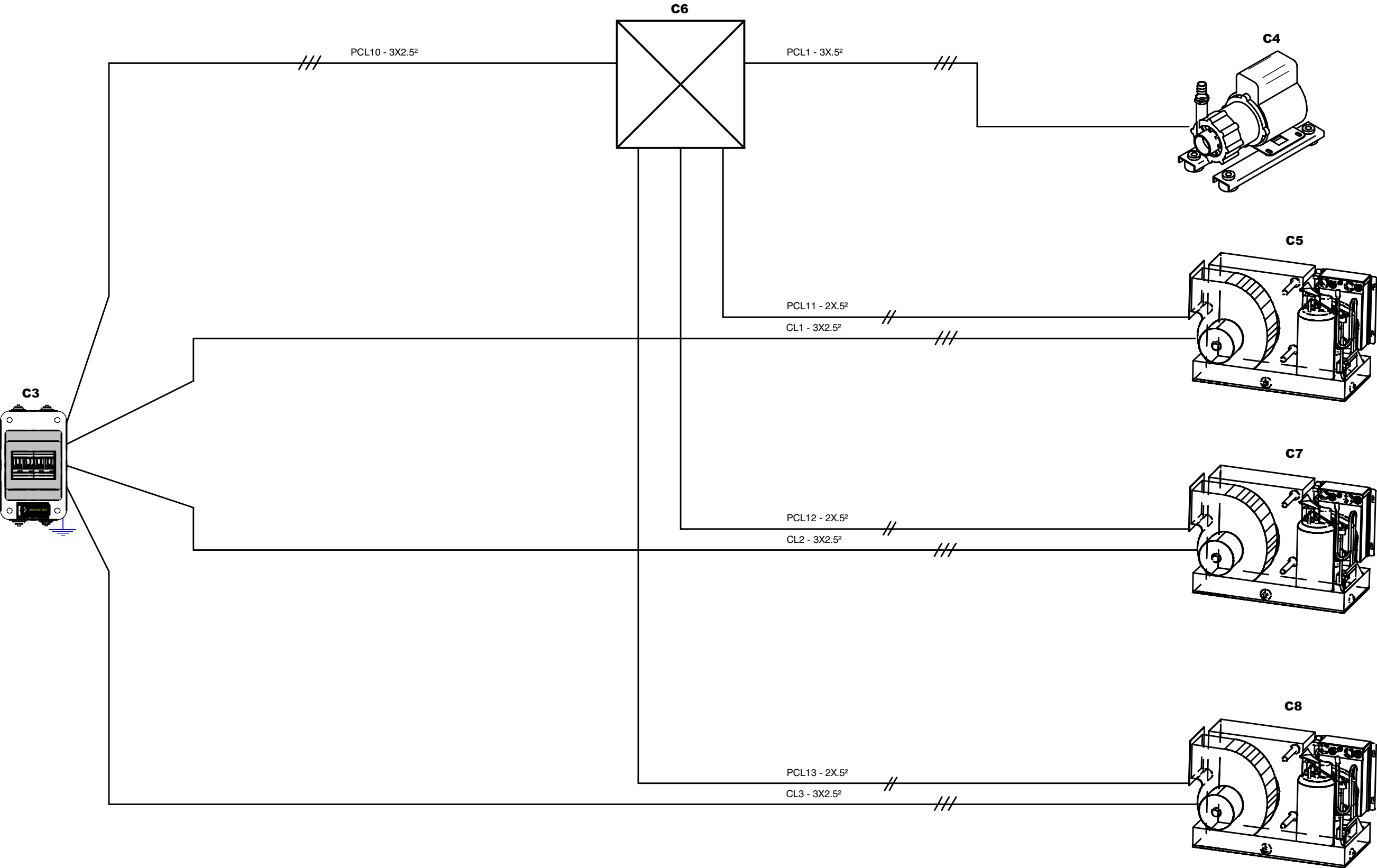
230V & 115V AC ELECTRICAL SCHEMATIC DIAGRAM: SOCKET & CHARGER



ELECTRICITY

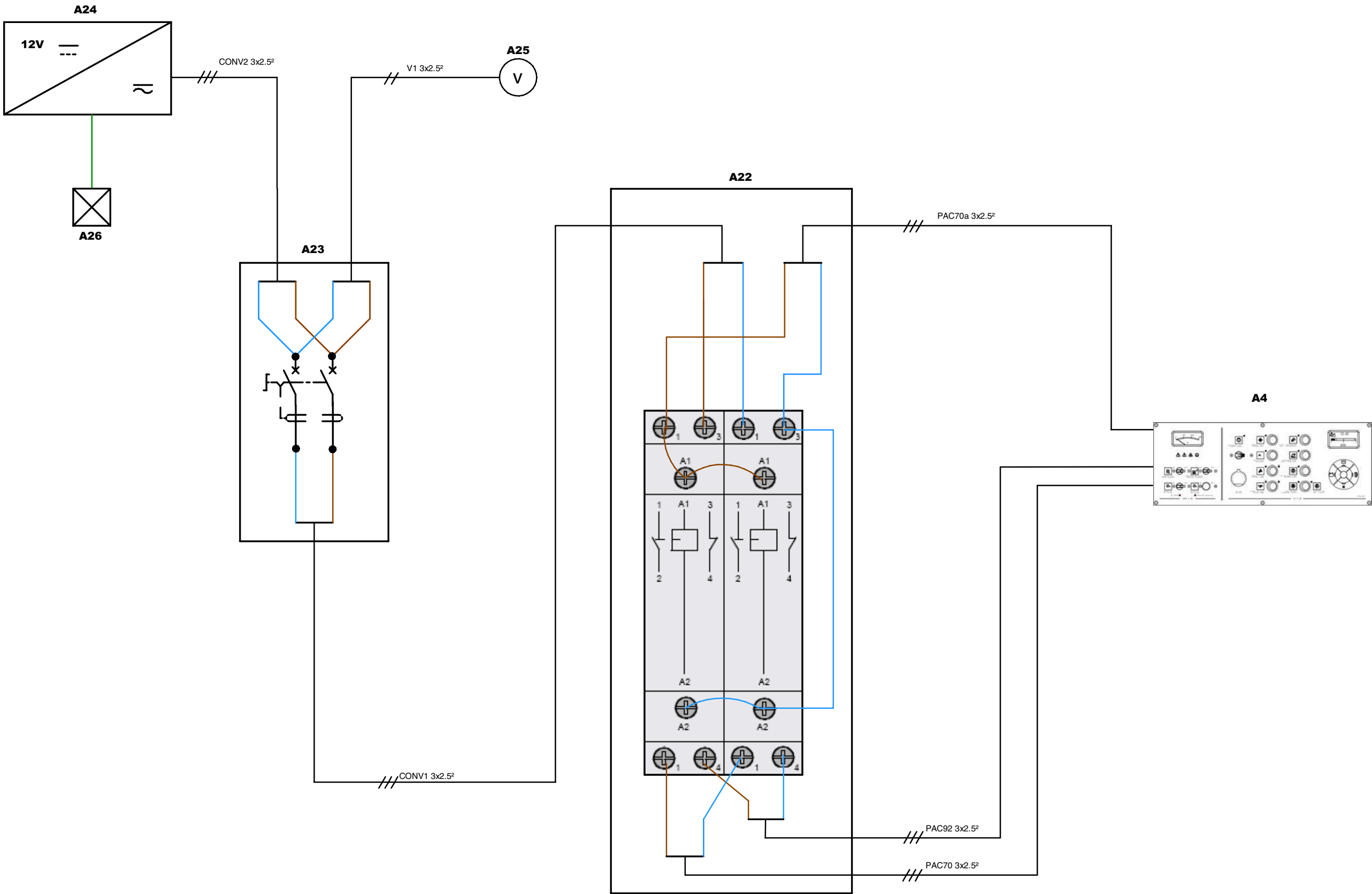
230V & 115V AC ELECTRICAL SCHEMATIC DIAGRAM: SOCKET & CHARGER

REFERENCE ON DIAGRAM	FUNCTIONS
A3	Electrical cabinet
A4	Electrical panel 230V AC
A5	Charger
A6	Socket - 230V - Water heater
A8	Socket - galley
A9	Socket - starboard aft cabin
A10	Socket for micro-wave oven
A12	Socket - starboard aft cabin
A13	Socket - port aft cabin
A14	Socket - chart table
A15	Differential circuit breaker - 6mA - 115V
A21	Socket - Forward cabin - Side
A27	6 way connector
A28	6 way connector
A29	6 way connector
A30	6 way connector
A31	Differential circuit breaker - Water heater



230V & 115V AC ELECTRICAL SCHEMATIC DIAGRAM: AIR CONDITIONING

REFERENCE ON DIAGRAM	FUNCTIONS
C3	Electrical cabinet
C4	Pump - Air conditioning
C5	Saloon air conditioning - Starboard
C6	Box - trigger
C7	Saloon air conditioning - Starboard aft
C8	Air conditioning - Port forward cabin



ELECTRICITY

230V & 115V AC ELECTRICAL SCHEMATIC DIAGRAM: 12V DC INVERTER / 115V AC OR 230V AC

REFERENCE ON DIAGRAM	FUNCTIONS
A4	Electrical panel 230V AC
A22	Box - Inverter - 230V AC or 115V AC
A23	Differential circuit breaker
A24	Inverter - 230V AC or 115V AC
A25	Voltmeter
A26	Earthing plate - Inverter - 230V AC or 115V AC