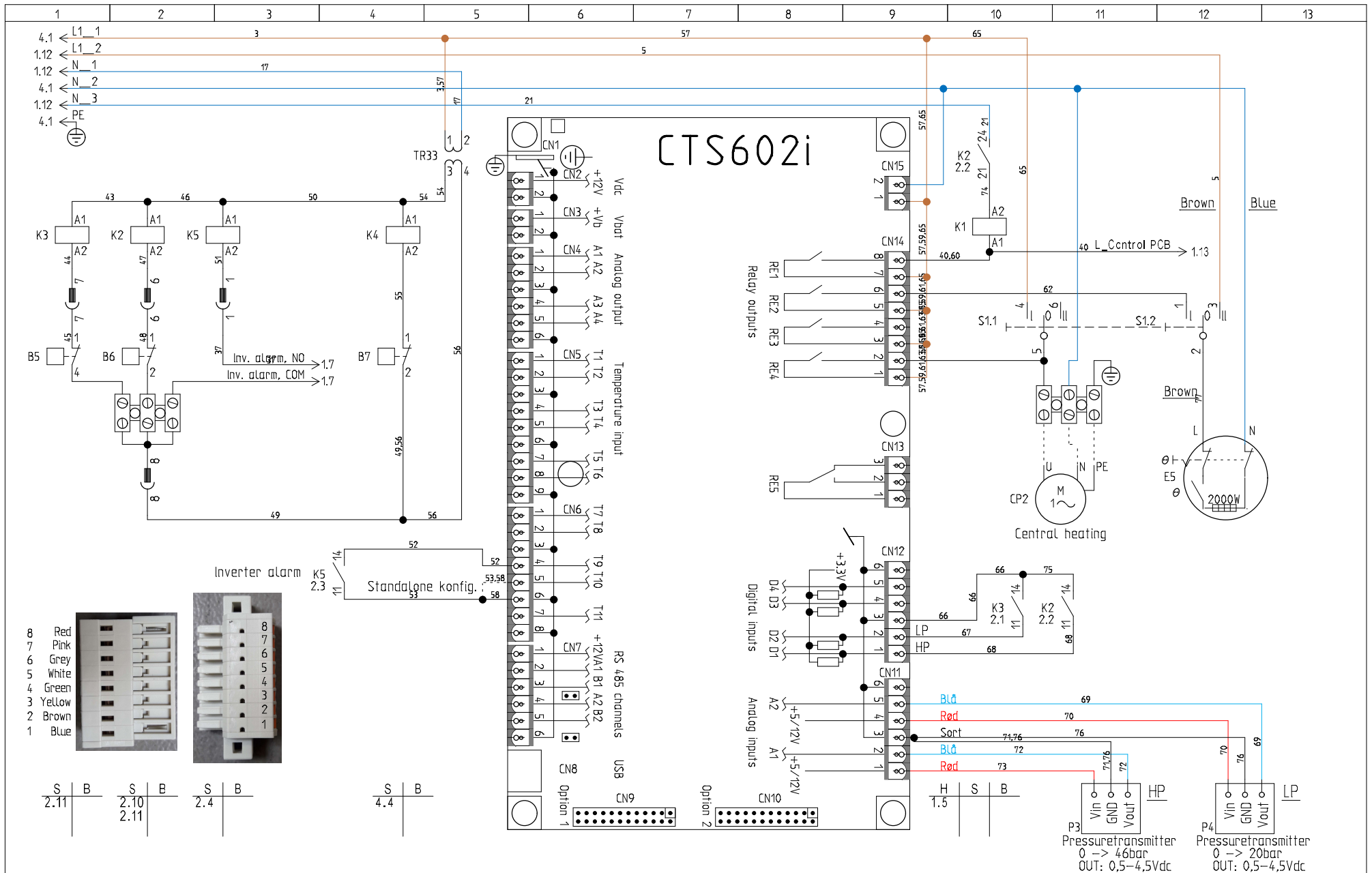


NILAN A/S
 Nilanvej 2
 DK-8722 Hedensted
 Tlf. +4576752500
 Fax +4576752525
<http://www.nilan.dk>
 Email: nilan@nilan.dk

GE09
 Jordvarmepumpe m/CTS602 Styring
 Partnr. 74002913

Forsyning / Inverter

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	1.1	MD

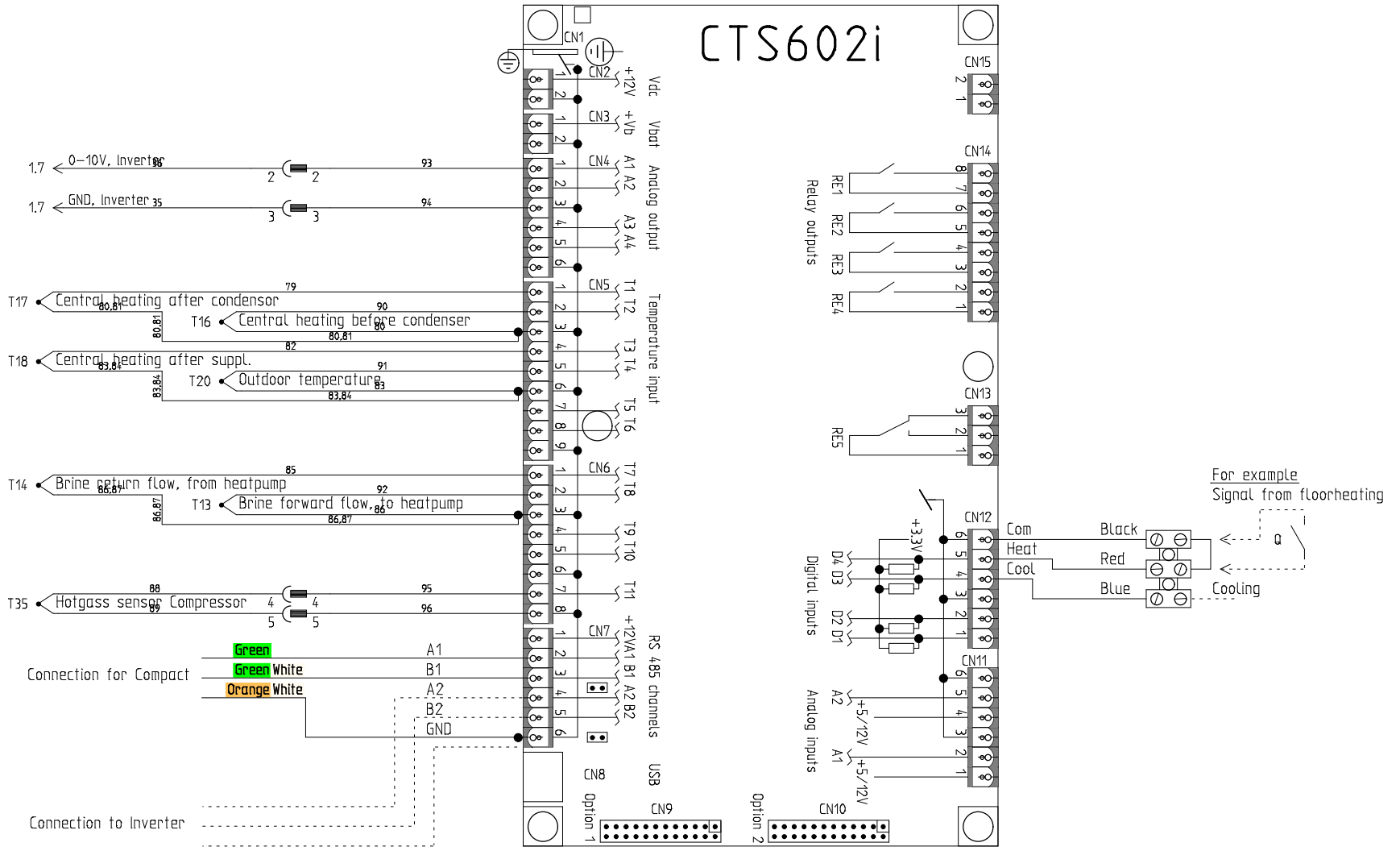


NILAN A/S
 Nilanvej 2
 DK-8722 Hedensted
 Tlf. +4576752500
 Fax +4576752525
<http://www.nilan.dk>
 Email: nilan@nilan.dk

GEO9
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CTS602
 Controller

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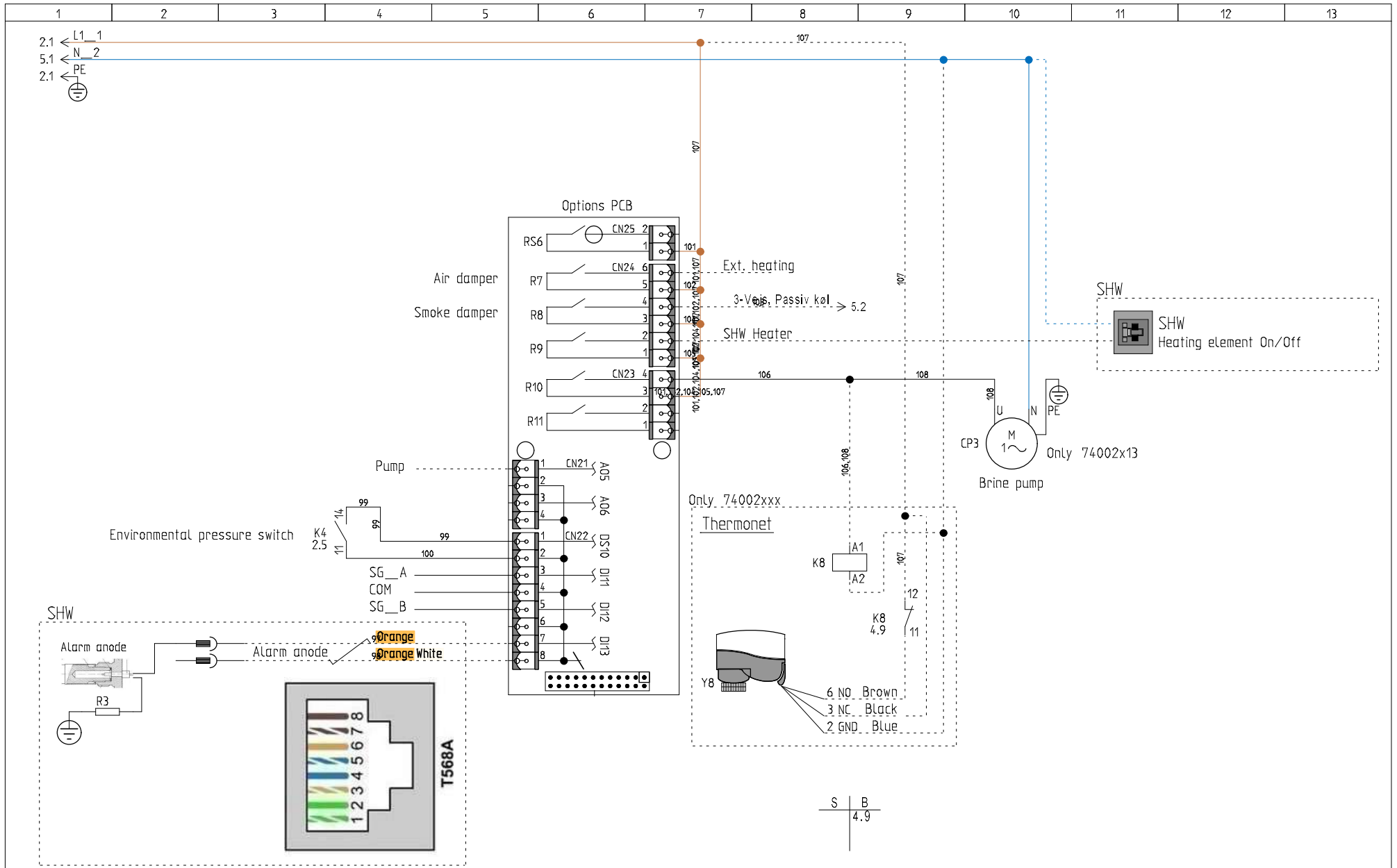


NILAN A/S
 Nilanvej 2
 DK-8722 Hedensted
 Tlf. +4576752500
 Fax +4576752525
<http://www.nilan.dk>
 Email: nilan@nilan.dk

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CTS602
 Følere

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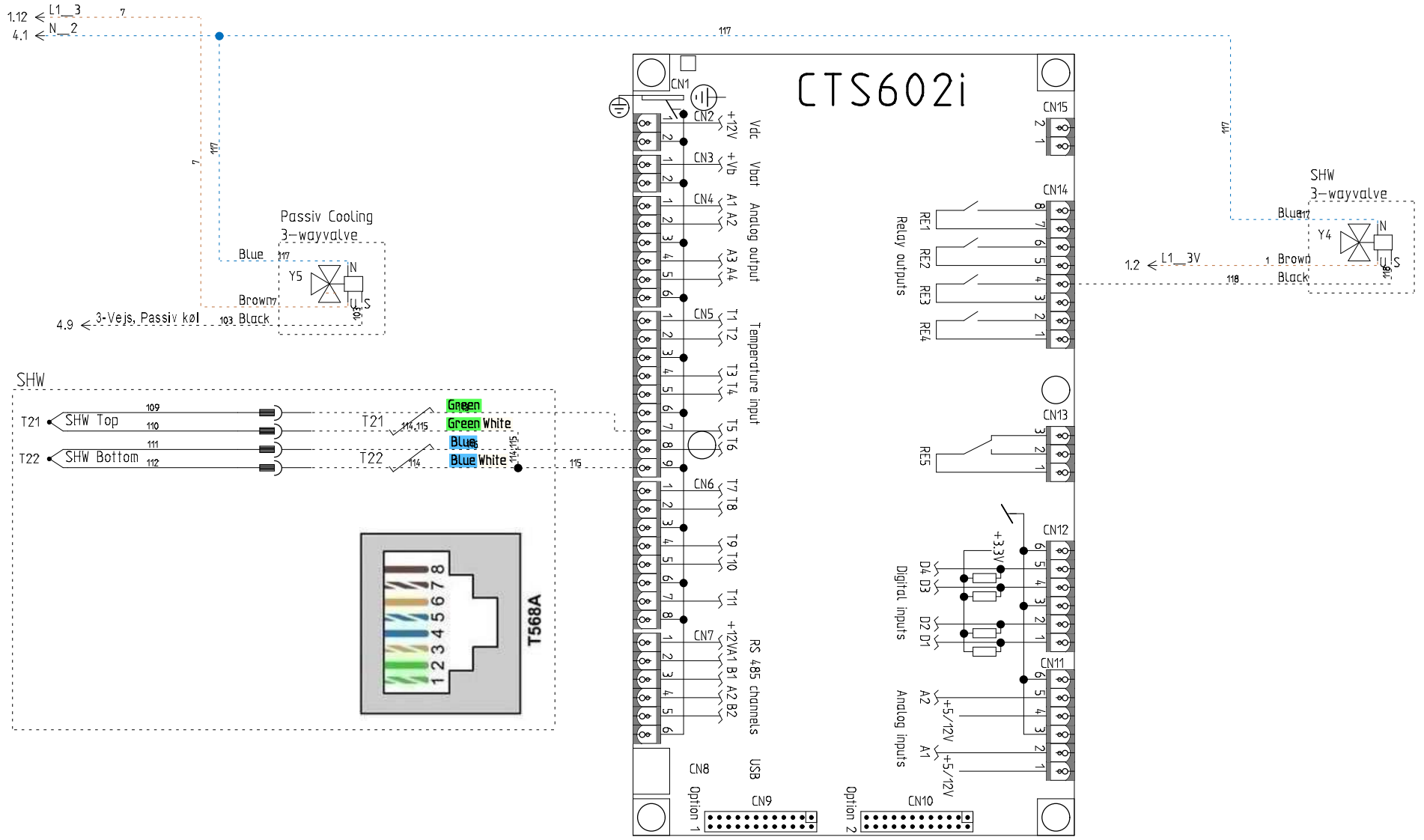


NILAN A/S
 Nilanvej 2
 DK-8722 Hedensted
 Tlf. +4576752500
 Fax +4576752525
<http://www.nilan.dk>
 Email: nilan@nilan.dk

GEO9
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Optionsprint

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NILAN A/S
 Nilanvej 2
 DK-8722 Hedensted
 Tlf. +4576752500
 Fax +4576752525
<http://www.nilan.dk>
 Email: nilan@nilan.dk

GEO9
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Tilbehør

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List of Products

Product	Type	Description	Document type	Page	flow path
A1	Anode, #19203	Alarm anode	Circuit Diagrams IEC	4	1
B5	Danfoss A-CB R410A 3,4bar, #151150	Lowpressureswitch, Compressor	Circuit Diagrams IEC	2	1
B6	Danfoss A-CB R410A 42,0bar, #151100	Highpressureswitch Compressor	Circuit Diagrams IEC	2	2
B7	DWK 1,1/0,6 Bar, #15172	Environmental pressure switch	Circuit Diagrams IEC	2	5
CP2	Grundfos Alpha2 25-40/130 #36095	Circulation pump Central heating	Circuit Diagrams IEC	2	11
CP3	Grundfos UPM GEO 25-85/130, #36094	Brine pump	Circuit Diagrams IEC	4	10
E5	45C, #15411	Heating element. Security switch	Circuit Diagrams IEC	2	12
E5	45C, #15411	Heating element. Security switch	Circuit Diagrams IEC	2	12
Inv	Inverter, #1084	Inverter	Circuit Diagrams IEC	1	9
K1	Schneider LC1K1201P7 230V~, #248155	Relay Compressor	Circuit Diagrams IEC	2	10
K2	Finder 2C/O 8A 24V, #234508	Relay, Highpressure	Circuit Diagrams IEC	2	2
K3	Finder 2C/O 8A 24V, #234508	Relay, Lowpressure	Circuit Diagrams IEC	2	1
K4	Finder 2C/O 8A 24V, #234508	Relay	Circuit Diagrams IEC	2	5
K5	Finder 2C/O 8A 24V, #234508	Relay, Inverteralarm	Circuit Diagrams IEC	2	3
K8	Finder 2C/O 8A 230V, #234506	Relay 2-way valve	Circuit Diagrams IEC	4	9
M6	Panasonic SKD240XAD21, #1076	Compressor	Circuit Diagrams IEC	1	6
P3	DYK-BA046-DV5-4.5, 0 -> 46bar, #17630	Pressuretransmitter Heatpump HP	Circuit Diagrams IEC	2	11
P4	DYK-BA020-DV5-4.5, 0 -> 20bar, #17631	Pressuretransmitter Heatpump LP	Circuit Diagrams IEC	2	13
PE:PE			Circuit Diagrams IEC	1	12
PE:PE			Circuit Diagrams IEC	1	13
Print	#239935	Options PCB	Circuit Diagrams IEC	4	6
Q			Circuit Diagrams IEC	3	13
R3	100k, #2152225	resistance	Circuit Diagrams IEC	4	1
S1.1	Omskifter	Heating element	Circuit Diagrams IEC	2	11
S1.2	Omskifter	Circulationpump Load circuit	Circuit Diagrams IEC	2	12
T13	NTC-føler JM103C1R1, #239961	Brine forward flow, to heatpump	Circuit Diagrams IEC	3	4
T14	NTC-føler JM103C1R1, #239961	Brine return flow, from heatpump	Circuit Diagrams IEC	3	3
T16	NTC-føler JM103C1R1, #239961	Central heating before condenser	Circuit Diagrams IEC	3	4
T17	NTC-føler JM103C1R1, #239961	Central heating after condensor	Circuit Diagrams IEC	3	3
T18	NTC-føler JM103C1R1, #239961	Central heating after suppl.	Circuit Diagrams IEC	3	3



GEO9
Jordvarmepumpe m/CTS602 Styring
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List of Connections

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1	1	Klemme:L1	Y4:U	1			BK	1,5	
2	1	Klemme:L1	Klemme:L1	2			BK	1,5	
3	2	TR33:1	Klemme:L1	3			BK	1,5	
4	1	Klemme:L1	Klemme:L1	4			BK	1,5	
5	2	S12:3	Klemme:L1	5			BK	1,5	
6	1	Klemme:L1	Klemme:L1	6			BK	1,5	
7	5	Y5:U	Klemme:L1	7			BK	1,5	
8	1	Klemme:L1	Klemme:L1	8			BK	1,5	
9	1	Klemme:L1	K1:5	9	H07		Brown	1,5	
10	1	Klemme:L2	Klemme:L2	10			BK	1,5	
11	1	Klemme:L2	K1:3	11	H07		Black	1,5	
12	1	Klemme:L3	Klemme:L3	12			BK	1,5	
13	1	K1:1	Klemme:L3	13	H07		Grey	1,5	
14	1	Klemme:N	Klemme:N	14			BK	1,5	
15	1	Klemme:N	Klemme:N	15			BK	1,5	
16	1	Klemme:N	Klemme:N	16			BK	1,5	
17	2	TR33:2	Klemme:N	17			BK	1,5	
18	1	Klemme:N	Klemme:N	18			BK	1,5	
19	1	6-Pol:N	Klemme:N	19	YSLY-JB		Blue	1,5	
20	1	Klemme:N	Klemme:N	20			BK	1,5	
21	2	K2:24	Klemme:N	21			BK	1,5	
22	1	6-Pol:1	K1:2	22	YSLY-JB		Grey	1,5	
23	1	Inverter:L3_Inv.	XJ1:1	23	H07		Grey	1,5	
24	1	6-Pol:2	K1:4	24	YSLY-JB		Black	1,5	
25	1	Inverter:L2_Inv.	XJ1:2	25	H07		Black	1,5	
26	1	6-Pol:3	K1:6	26	YSLY-JB		Brown	1,5	
27	1	Inverter:L1_Irv.	XJ1:3	27	H07		Brown	1,5	
28	1	M6:S	Inverter:U_Irv.	28	YSLCY-JZ		Black	1,5	
29	1	Inverter:V_Inv.	M6:R	29	YSLCY-JZ		Black	1,5	
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30	1	M6:C	Inverter:W_Inv.	30	YSLCY-JZ		Black	1,5
31	1	Inverter:1	Inverter:2	31			BK	1,5
32	1	Inverter:A	Inverter:5	32	H05		Black	0,75
33	1	Inverter:B	Inverter:6	33	H05		Black	0,75
34	1	Inverter:10	Inverter:11	34			BK	1,5
35	1	Inverter:10	XJ2:3	35			BK	1,5
36	1	Inverter:12	XJ2:2	36			BK	1,5
37	1	Inverter:15	XJ2:1	37			BK	1,5
38	1	Inverter:N_Inv.	XJ1:N	38			Blue	1,5
39	1	Inverter:L_Inv.	XJ1:L	39			Red	1,5
40	2	CTS602i:CN14 8	6-Pol:L	40	YSLY-JB		Red	1,5
41	1	PE:PE	XJ1:GND	41			BK	1,5
42	1	PE:PE	6-Pol:GND	42	YSLY-JB		Yellow/Green	1,5
43	2	K2:A1	K3:A1	43			BK	1,5
44	2	XP2:7	K3:A2	44			BK	1,5
45	2	B5:1	XJ2:7	45			BK	1,5
46	2	K2:A1	K5:A1	46			BK	1,5
47	2	XP2:6	K2:A2	47			BK	1,5
48	2	XJ2:6	B6:1	48			BK	1,5
49	2	XJ2:8	B7:2	49			BK	1,5
50	2	K5:A1	K4:A1	50			BK	1,5
51	2	XP2:1	K5:A2	51			BK	1,5
52	2	K5:14	CTS602i:CN6 4	52			BK	1,5
53	2	K5:11	CTS602i:CN6 5	53			BK	1,5
54	2	K4:A1	TR33:3	54			BK	1,5
55	2	B7:1	K4:A2	55			BK	1,5
56	2	TR33:4	B7:2	56			BK	1,5
57	2	CTS602i:CN14 1	TR33:1	57			BK	1,5
58	2	CTS602i:CN6 5	CTS602i:CN6 6	58			BK	1,5
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59	2	CTS602i:CN14 1	CTS602i:CN15 1	59			BK	1,5
60	2	CTS602i:CN14 8	K1:A1	60	H05		Black	0,75
61	2	CTS602i:CN14 7	CTS602i:CN14 1	61			BK	1,5
62	2	S1.2:1	CTS602i:CN14 6	62			BK	1,5
63	2	CTS602i:CN14 5	CTS602i:CN14 1	63			BK	1,5
64	2	CTS602i:CN14 3	CTS602i:CN14 1	64			BK	1,5
65	2	CTS602i:CN14 1	S1.1.4	65			BK	1,5
66	2	CTS602i:CN12 3	K3:14	66			BK	1,5
67	2	CTS602i:CN12 2	K3:11	67			BK	1,5
68	2	CTS602i:CN12 1	K2:11	68			BK	1,5
69	2	CTS602i:CN11 5	P4:1	69			BK	1,5
70	2	CTS602i:CN11 4	P4:1	70			BK	1,5
71	2	CTS602i:CN11 3	P3:1	71			BK	1,5
72	2	CTS602i:CN11 2	P3:1	72			BK	1,5
73	2	CTS602i:CN11 1	P3:1	73			BK	1,5
74	2	K1:A2	K2:21	74			BK	1,5
75	2	K3:14	K2:14	75			BK	1,5
76	2	P3:1	P4:1	76			BK	1,5
77	2	S1.2:2	E5:L	77			BK	1,5
78	2	E5:N	E5	78			BK	1,5
79	3	T17	CTS602i:CN5 1	79			BK	1,5
80	3	T17	T16	80			BK	1,5
81	3	T17	CTS602i:CN5 3	81			BK	1,5
82	3	CTS602i:CN5 4	T18	82			BK	1,5
83	3	T18	T20	83			BK	1,5
84	3	T18	CTS602i:CN5 6	84			BK	1,5
85	3	T14	CTS602i:CN6 1	85			BK	1,5
86	3	T14	T13	86			BK	1,5
87	3	CTS602i:CN6 3	T14	87			BK	1,5
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88	3	T35	XJ2:4	88			BK	1,5
89	3	T35	XJ2:5	89			BK	1,5
90	3	T16	CTS602i:CN5 2	90			BK	1,5
91	3	CTS602i:CN5 5	T20	91			BK	1,5
92	3	T13	CTS602i:CN6 2	92			BK	1,5
93	3	XP2:2	CTS602i:CN4 1	93			BK	1,5
94	3	XP2:3	CTS602i:CN4 3	94			BK	1,5
95	3	XP2:4	CTS602i:CN6 7	95			BK	1,5
96	3	XP2:5	CTS602i:CN6 8	96			BK	1,5
97	4	XJ3	Optionsprint:CN22 7	97			BK	1,5
98	4	Optionsprint:CN22 8	XJ3	98			BK	1,5
99	4	K4:14	Optionsprint:CN22 1	99			BK	1,5
100	4	Optionsprint:CN22 2	K4:11	100			BK	1,5
101	4	Optionsprint:CN25 1	Optionsprint:CN23 3	101			BK	1,5
102	4	Optionsprint:CN24 5	Optionsprint:CN23 3	102			BK	1,5
103	5	Y5:S	Optionsprint:CN24 4	103			BK	1,5
104	4	Optionsprint:CN24 3	Optionsprint:CN23 3	104			BK	1,5
105	4	Optionsprint:CN23 3	Optionsprint:CN24 1	105			BK	1,5
106	4	Optionsprint:CN23 4	K8:A1	106			BK	1,5
107	4	Optionsprint:CN23 3	K8:12	107			BK	1,5
108	4	CP3:U	K8:A1	108			BK	1,5
109	5	T21	XP3	109			BK	1,5
110	5	T21	XP3	110			BK	1,5
111	5	T22	XP3	111			BK	1,5
112	5	T22	XP3	112			BK	1,5
113	5	CTS602i:CN5 7	XJ3	113			BK	1,5
114	5	XJ3	XJ3	114			BK	1,5
115	5	XJ3	CTS602i:CN5 9	115			BK	1,5
116	5	XJ3	CTS602i:CN5 8	116			BK	1,5

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