

memmert

wiring diagram

constant climate chambers

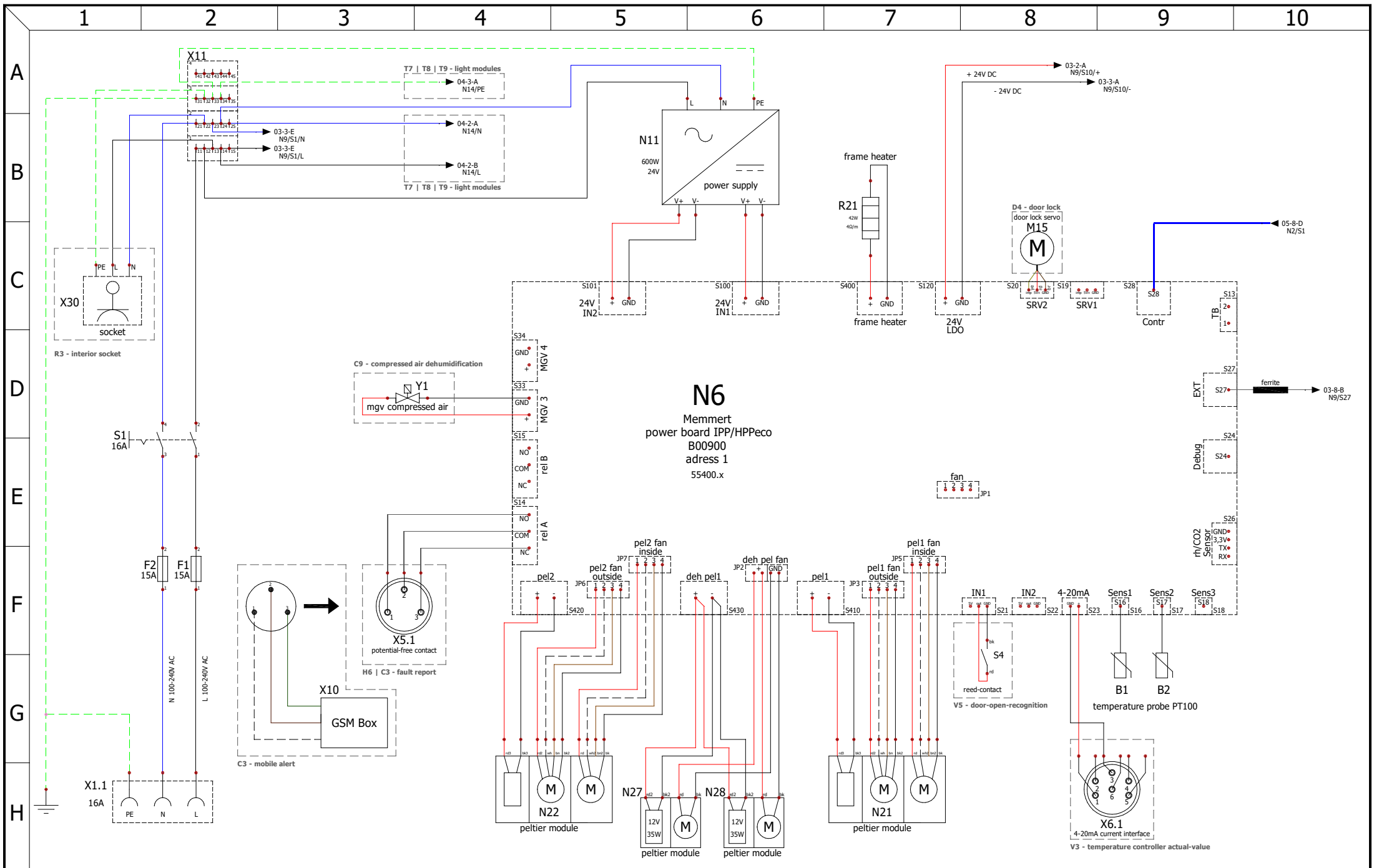


designation: HPP eco

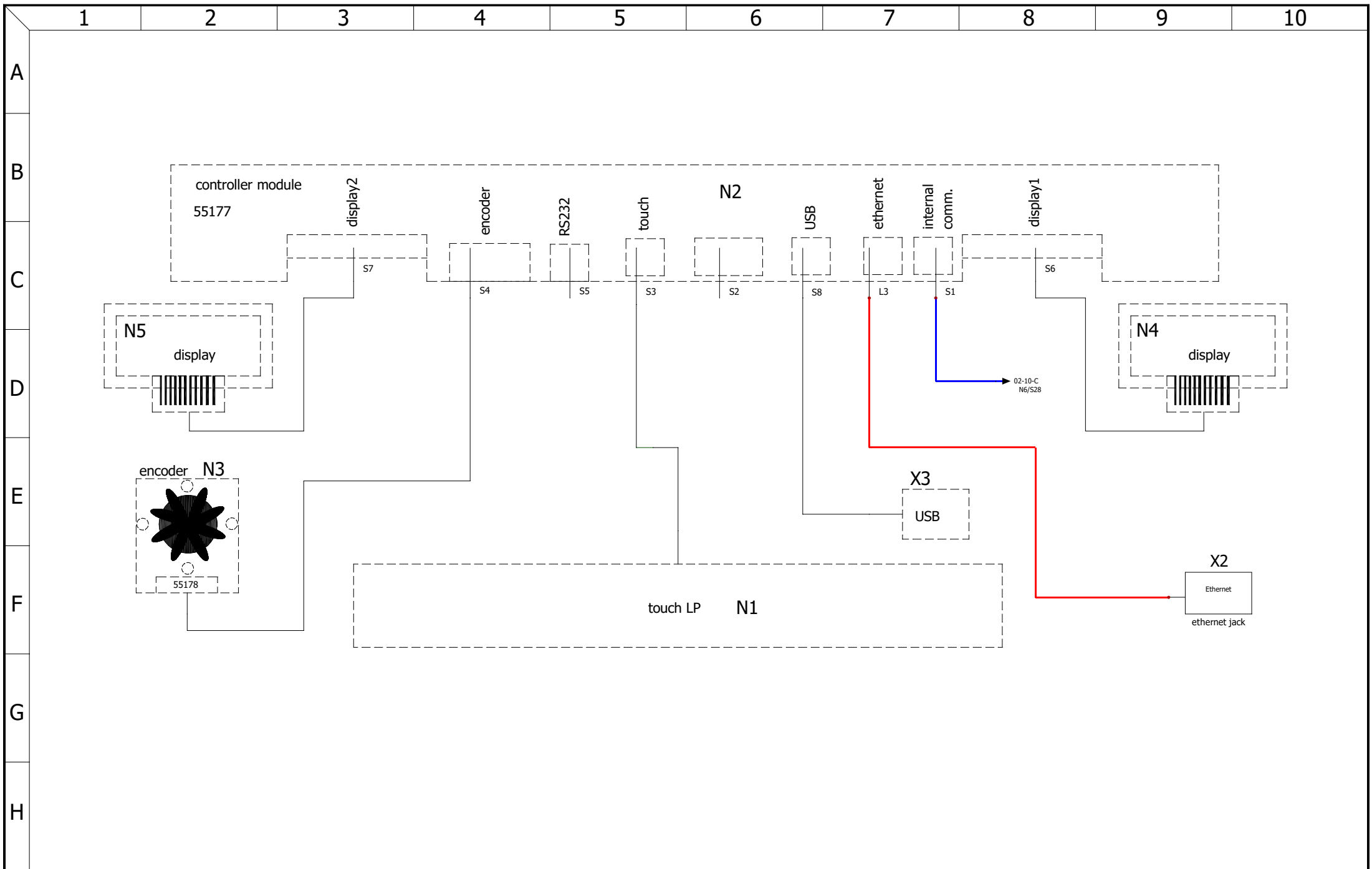
size: 410

nominal voltage: 100-240V~

drawing number: D48888

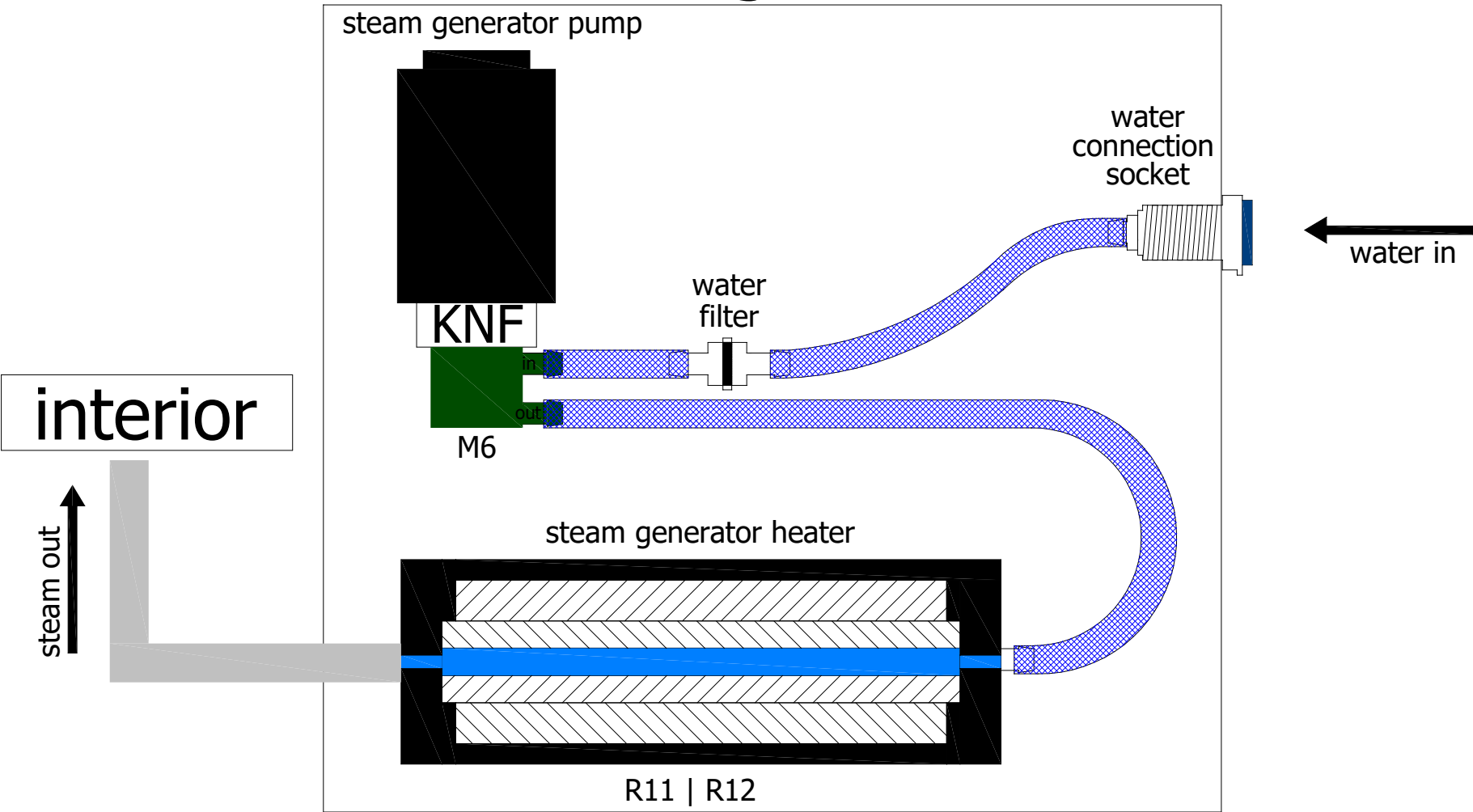


	power board 1		designation:	unit or size:	rev	modification	date	name	page
			HPP eco	410					02
	created by	date	drawing number:	nominal voltage:	C	designations on the power board & connection S4 reed contact corrected	19.03.2021	Chr. Seyfarth	11
	checked by	20.10.2020	D48888	100-240V~	B	ribbon cable changed and ferrite added	26.02.2021	Chr. Seyfarth	
		14.12.2020			A	humidity sensor X4 changed	14.12.2020	Chr. Seyfarth	

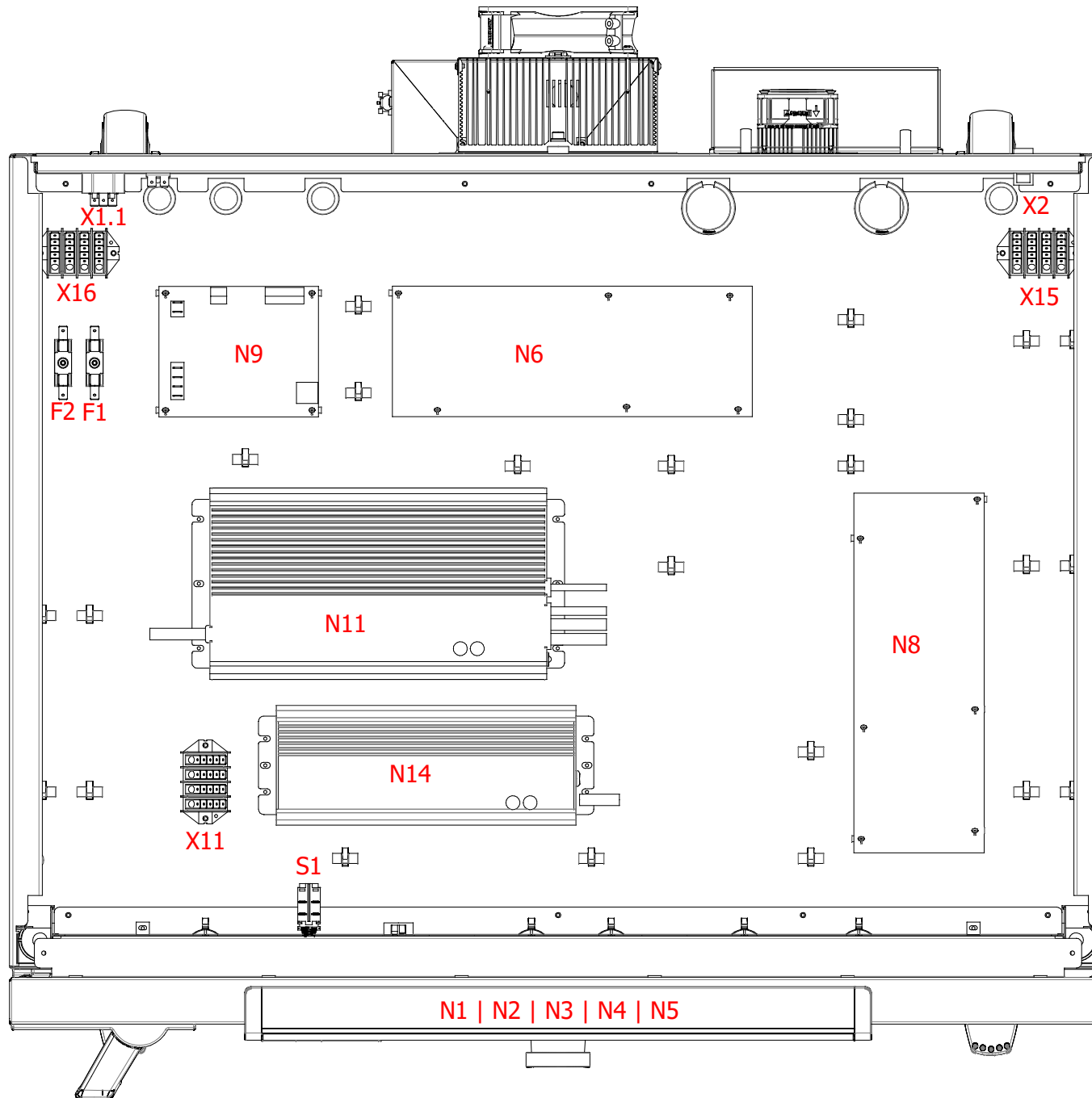


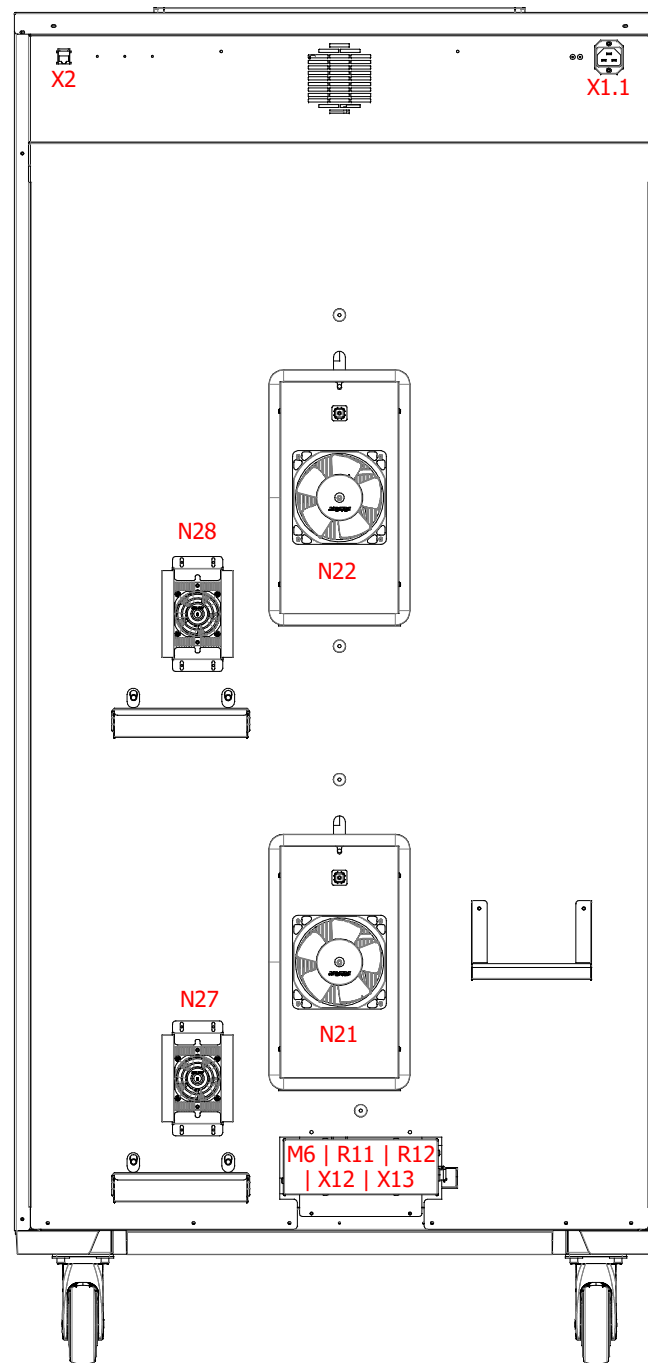
	controller unit			designation: HPP eco	unit or size: 410	rev	modification	date	name	page
				drawing number: D48888	nominal voltage: 100-240V~					05
	created by	20.10.2020	Chr. Seyfarth			C	designations on the power board & connection S4 reed contact corrected	19.03.2021	Chr. Seyfarth	11
	checked by	14.12.2020	M. Haas			B	ribbon cable changed and ferrite added	26.02.2021	Chr. Seyfarth	
						A	humidity sensor X4 changed	14.12.2020	Chr. Seyfarth	

steam generator



water connections			designation:	unit or size:	rev	modification	date	name	page
			HPP eco	410					06
			drawing number:	nominal voltage:	C	designations on the power board & connection S4 reed contact corrected	19.03.2021	Chr. Seyfarth	11
created by	20.10.2020	Chr. Seyfarth	D48888	100-240V~	B	ribbon cable changed and ferrite added	26.02.2021	Chr. Seyfarth	
checked by	14.12.2020	M. Haas			A	humidity sensor X4 changed	14.12.2020	Chr. Seyfarth	





mark	article number	description	quantity
	B35138	protective conductor first connection	1
	B48895	cable harness HPP eco 410	1
	B49098	ribbon cable with ferrite HPPeco 110, 260, 410	1
	E06398	patch cable 1.0 m blue	1
	E06399	patch cable 2.0 m red	1
B1 B2	E04956	temperature sensors	2
F1	E02386	fuse holder	1
F1	E02387	fuse 15A	1
F2	E02386	fuse holder	1
F2	E02387	fuse 15A	1
M6 R11 R12 X12 X13	B49556	steam generator unit	1
N1 N2 N3 N4 N5	B30890	controller unit small plus twin display	2
N6	B00900	power board IPP/HPPeco	1
N9	B38929	humidity power board	1
N11	E07762	power suply 24V/600W	1
N21 N22	E49563	peltier module	2
N27 N28	E07666	peltier dehumidifier	2
R21	E06292	frame heater HPP750	1
S1	E06137	power push-button-switch	1
X1 X2	E06251	ethernet jack	2
X4	E07361	capacitive humidity sensor	1
X4	E07363	connection cable for HC2A rh sensor	1
X11	E07369	distribution block 4pol.	1
X1.1	E06135	connector plug	1



bill of materials (standard)			designation:	unit or size:	rev	modification	date	name	page
			HPP eco	410					09
			drawing number:	nominal voltage:	C	designations on the power board & connection S4 reed contact corrected	19.03.2021	Chr. Seyfarth	11
created by	20.10.2020	Chr. Seyfarth	D48888	100-240V~	B	ribbon cable changed and ferrite added	26.02.2021	Chr. Seyfarth	
checked by	14.12.2020	M. Haas			A	humidity sensor X4 changed	14.12.2020	Chr. Seyfarth	

C3 - mobile alert (requires option H6)

mark	article number	description	quantity
X10	B48925	GSM box mobile alert for 1 alarm signal	1

C4 - mobile alert

mark	article number	description	quantity
X5.2	B39367	potential-free contact C4	1
X10	B48926	GSM box mobile alert for 2 alarm signal	1

C9 - compressed air dehumidification

mark	article number	description	quantity
Y1	B48959	compressed air drying	1

D4 - process-dependent programmable door lock

mark	article number	description	quantity
M15	B30855	Kyosho servo with holder	1

H6 - potential-free contact

mark	article number	description	quantity
X5.1	B32965	potential-free contact H5, H6, C3	1

R3 - interior socket

mark	article number	description	quantity
	B48906	cable harness option R3 HPP/IPP eco 410	1
X30	E06004	Schuko socket IP68	1

T7 - cold white 6,500 K

mark	article number	description	quantity
X51.1 X51.2 X51.3 X51.4 X51.5 X51.6 X51.7 X61.1 X61.2 X61.3 X61.4 X61.5 X61.6 X61.7	B39723	LED light bar cool white	14

	bill of materials (options)			designation:	HPP eco	unit or size:	410	rev	modification	date	name	page
				drawing number:	D48888	nominal voltage:	100-240V~					10
	created by	20.10.2020	Chr. Seyfarth					C	designations on the power board & connection S4 reed contact corrected	19.03.2021	Chr. Seyfarth	11
	checked by	14.12.2020	M. Haas					B	ribbon cable changed and ferrite added	26.02.2021	Chr. Seyfarth	
								A	humidity sensor X4 changed	14.12.2020	Chr. Seyfarth	

T7 | T8 | T9 - light modules

mark	article number	description	quantity
N8	B00900	power board IPP/HPPeço	1
	B48901	cable harness LED option HPP/IPP eco 260/410	1
	B48927	ribbon cable with ferrite HPPeço 260/410 LED option	1
X50.1 X50.2 X50.3 X50.4 X50.5 X50.6 X50.7 X60.1 X60.2 X60.3 X60.4 X60.5 X60.6 X60.7	E06011	M8 plug-in connector for front mounting, screw connection M8 with stranded wire	14
X15 X16	E07369	distribution block 4pol.	2
N14	E07763	power supply 24V/320W	1

T8 - cold white 6,500 K + warm white 2,700 K

mark	article number	description	quantity
X51.1 X51.3 X51.5 X51.7 X61.1 X61.3 X61.5 X61.7	B39723	LED light bar cool white	8
X51.2 X51.4 X51.6 X61.2 X61.4 X61.6	B39724	LED light bar warm white	6

T9 - warm white 2,700 K

mark	article number	description	quantity
X51.1 X51.2 X51.3 X51.4 X51.5 X51.6 X51.7 X61.1 X61.2 X61.3 X61.4 X61.5 X61.6 X61.7	B39724	LED light bar warm white	14

V3 - 4-20 mA current loop interface temperature controller actual value

mark	article number	description	quantity
X6.1	B31202	panel socket for 4-20mA current interface	1

V5 - door-open-recognition

mark	article number	description	quantity
S4	B38952	reed-contact	1

	bill of materials (options)			designation:	unit or size:	rev	modification	date	name	page
				HPP eco	410					11
				drawing number:	nominal voltage:	C	designations on the power board & connection S4 reed contact corrected	19.03.2021	Chr. Seyfarth	11
				D48888	100-240V~	B	ribbon cable changed and ferrite added	26.02.2021	Chr. Seyfarth	
						A	humidity sensor X4 changed	14.12.2020	Chr. Seyfarth	
	created by	date	name							
	checked by	14.12.2020	M. Haas							