

QINEO NexT Master/Premium + AC/DC

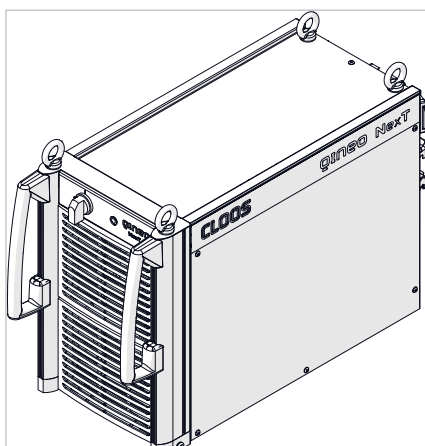
Spare parts lists and electrical parts lists

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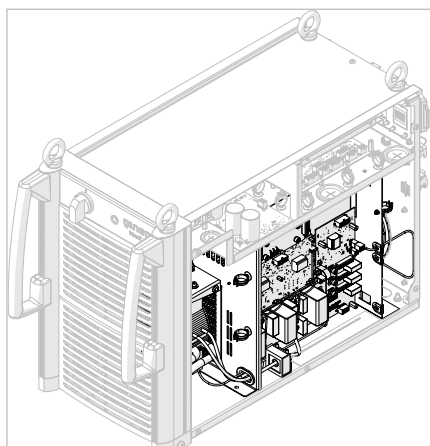
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1. Illustrations and spare parts lists

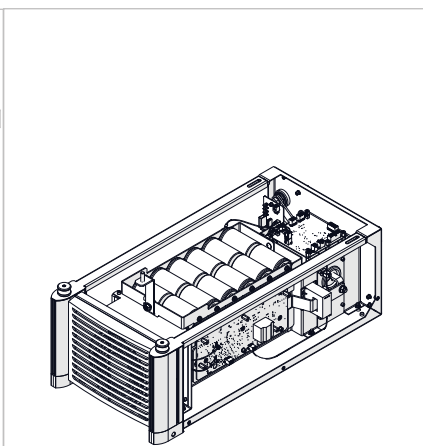
Qineo NexT AC/DC



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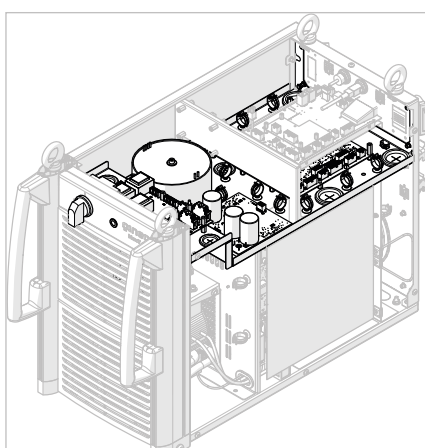


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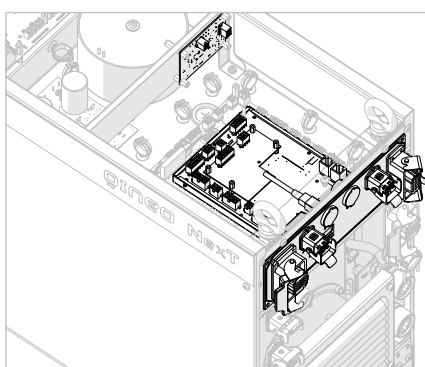


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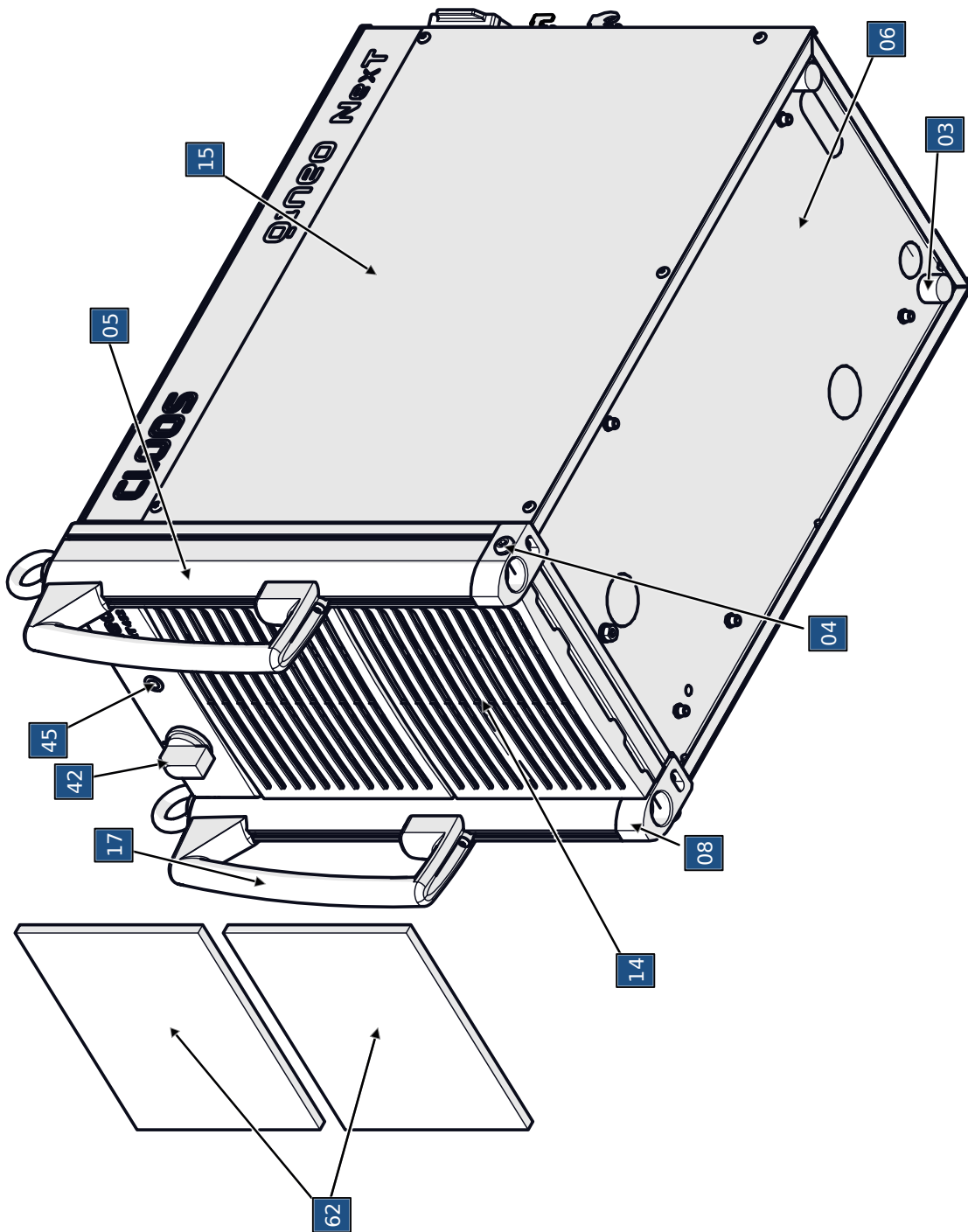
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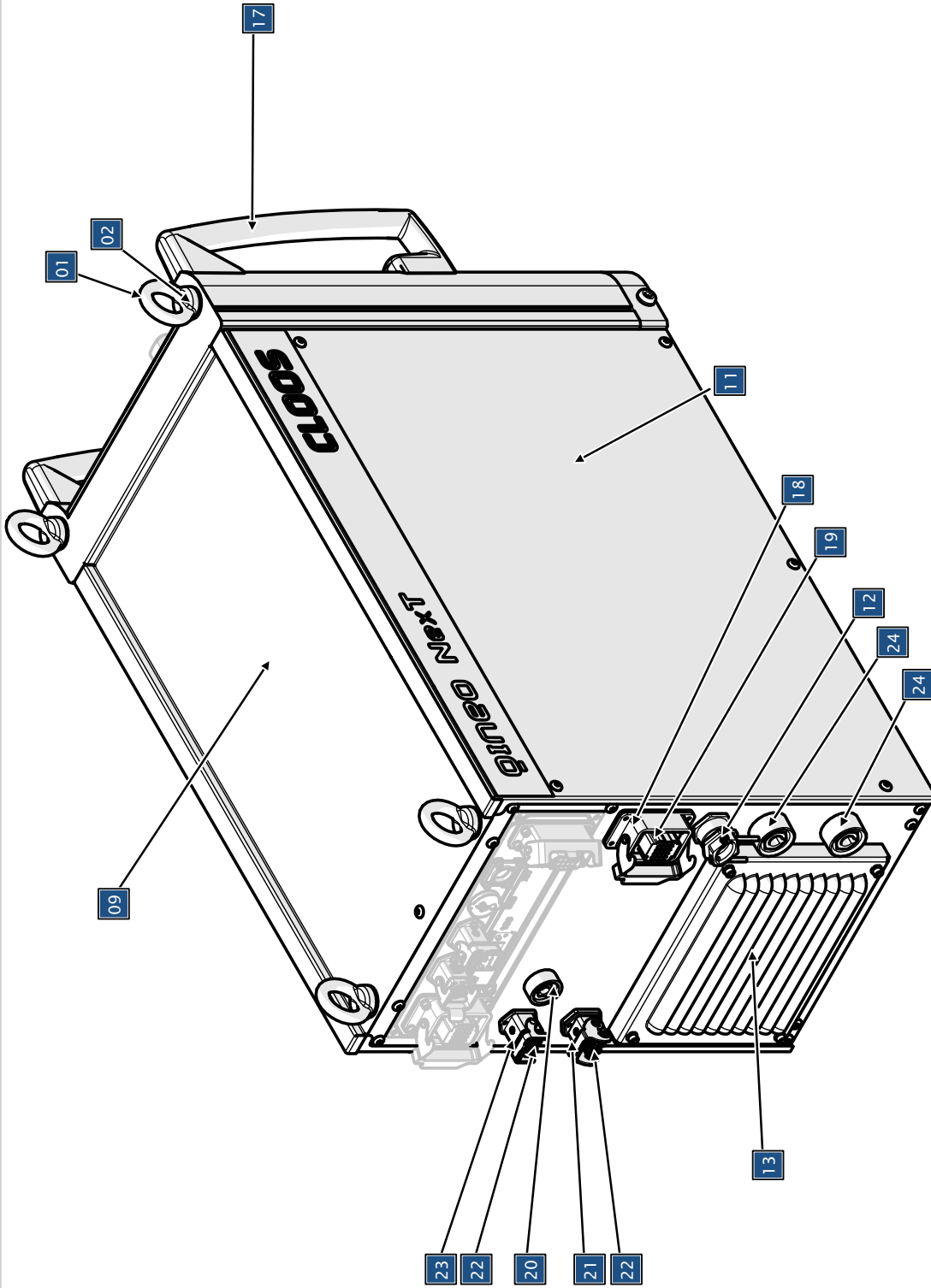
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installation kits"
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Housing parts



Pos.	Beschreibung	Artikelnummer
15	QN BG Seitenblech Primär	0890001009
17	Qineo - Griff Stromquelle	0830000075
42	Lasttrennschalter 3-polig 40A	0003224110
45	QN BG Signal LED	0020030132
62	2 x Filtermatten	0890001510
No illus.: Optional installation kit: Hinged fan grid		0890001520
No illus.: Filter mat for hinged fan grid		0095022002

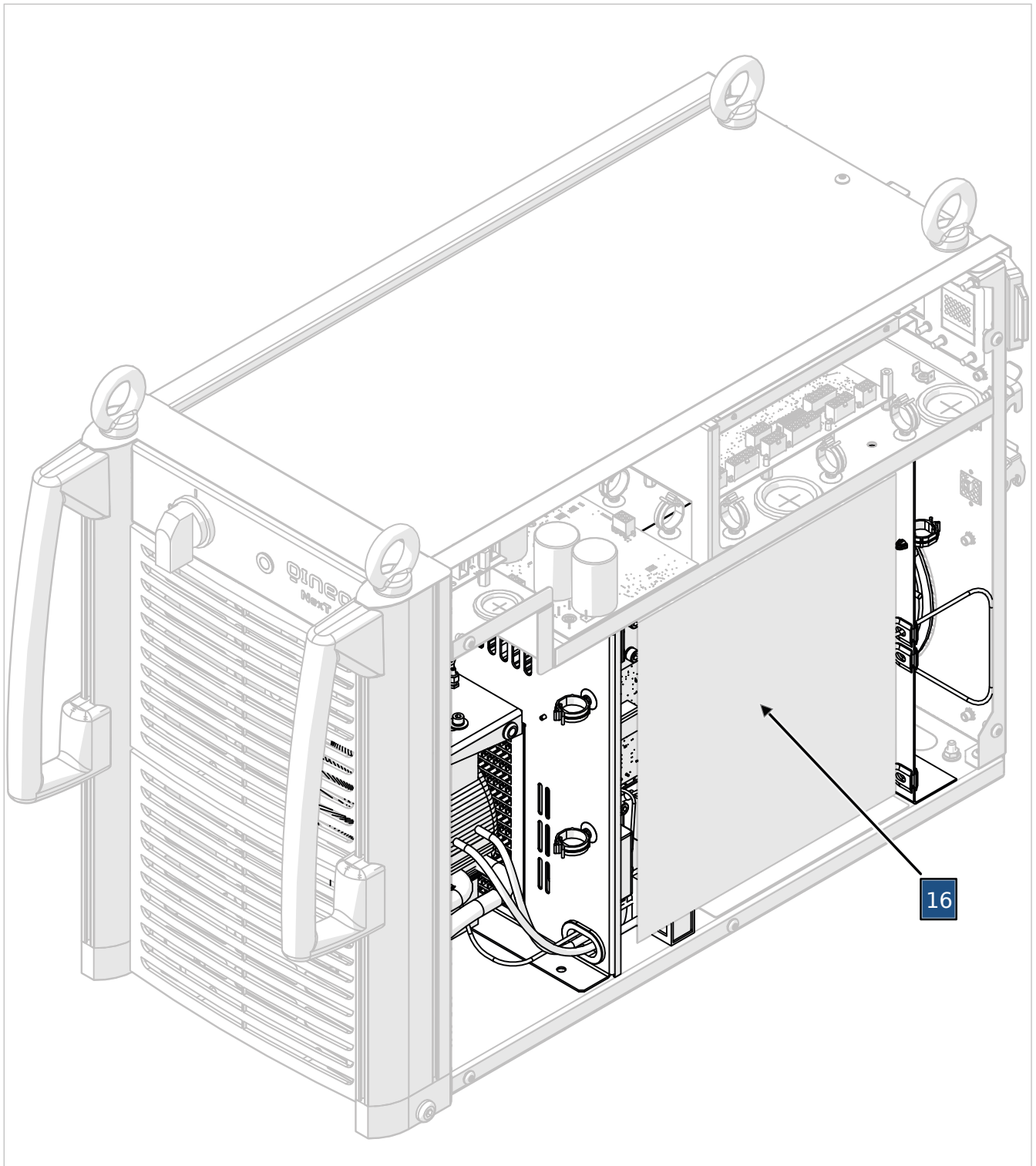
Pos.	Beschreibung	Artikelnummer
03	Gummi-Metallpuffer ø25, H=20	0054120003
04	Linsenschraube M10x40 ISO 7380 verz.	0104151040
05	QN BG Frontprofil	0890001003
06	QN BG Bodenblech kpl.	0890001001
08	Qineo Standfuß klein 80x40x32,5	0830001096
14	QN NX Lufteinlassbleche RAL 9006	0890001012



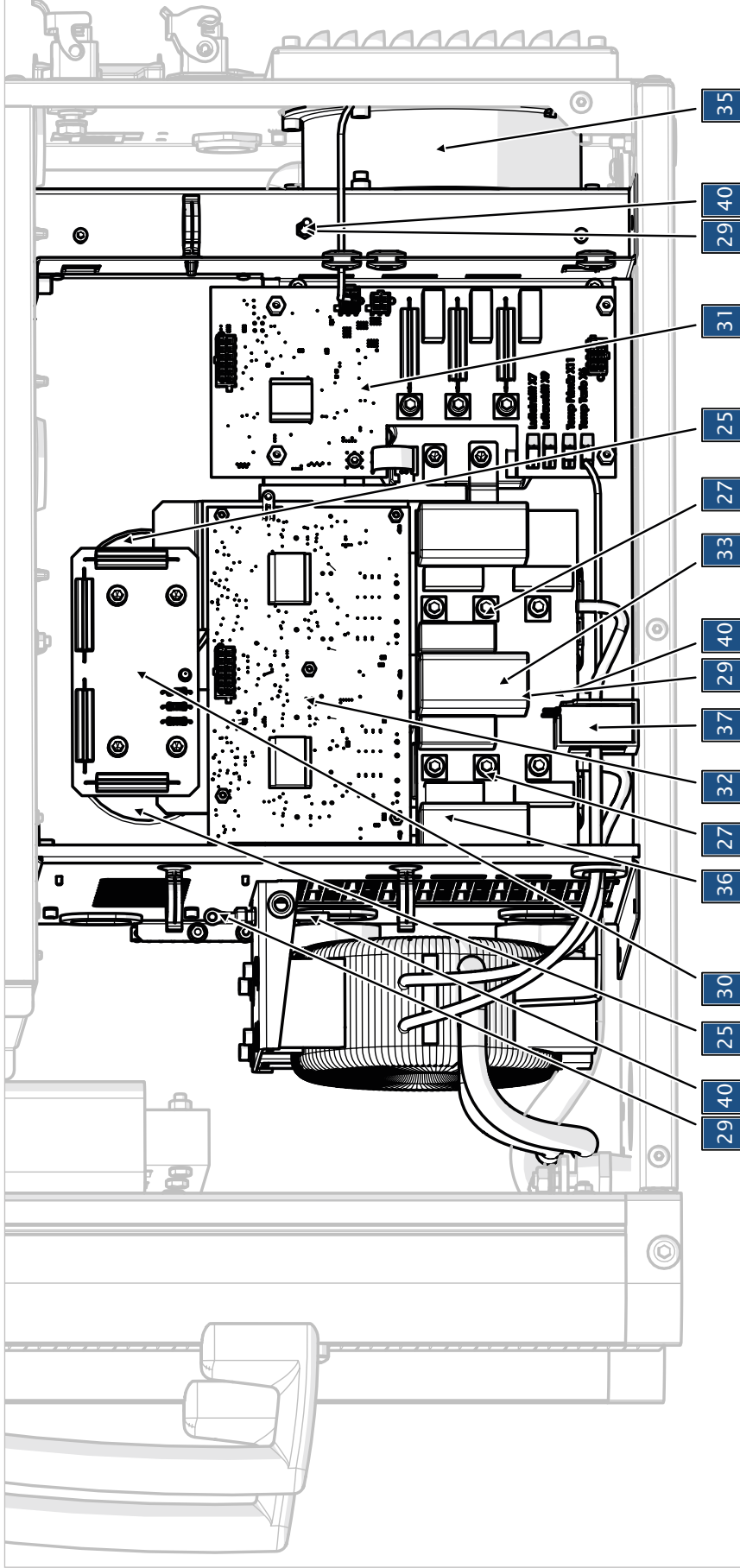
Pos.	Beschreibung	Artikelnummer
01	Ringschraube M12	0101901200
02	Dichtring aus Centellen 200	0000010048
09	QN BG Deckel	0890001006
11	QN BG Seitenwand Sekundr	0890001010
12	Kabelverschr. M25 + Reduz. M32-M25	035037100 + 035037202
13	QN BG Kiemblech	0890001011
17	Qineo - Griff Stromquelle	0830000075
18	Anbaugehuse 24 pol.	0010110071

Pos.	Beschreibung	Artikelnummer
19	Buchseinsatz 24 pol.	0010091315
20	Einbaubuchse 10-25 mm	0073033300
21	Anbaugehuse HAN 7 D	0010092504
22	Buchseinsatz 12-pol.	0010092515
23	Anbaugehuse HAN 3A Metall	0010092510
24	Einbaubuchse 50/70 mm kpl. TM	0073031200

Power electronics



Pos.	Beschreibung	Artikelnummer
16	QN NX Schutzfolie Primärseite	0890453005

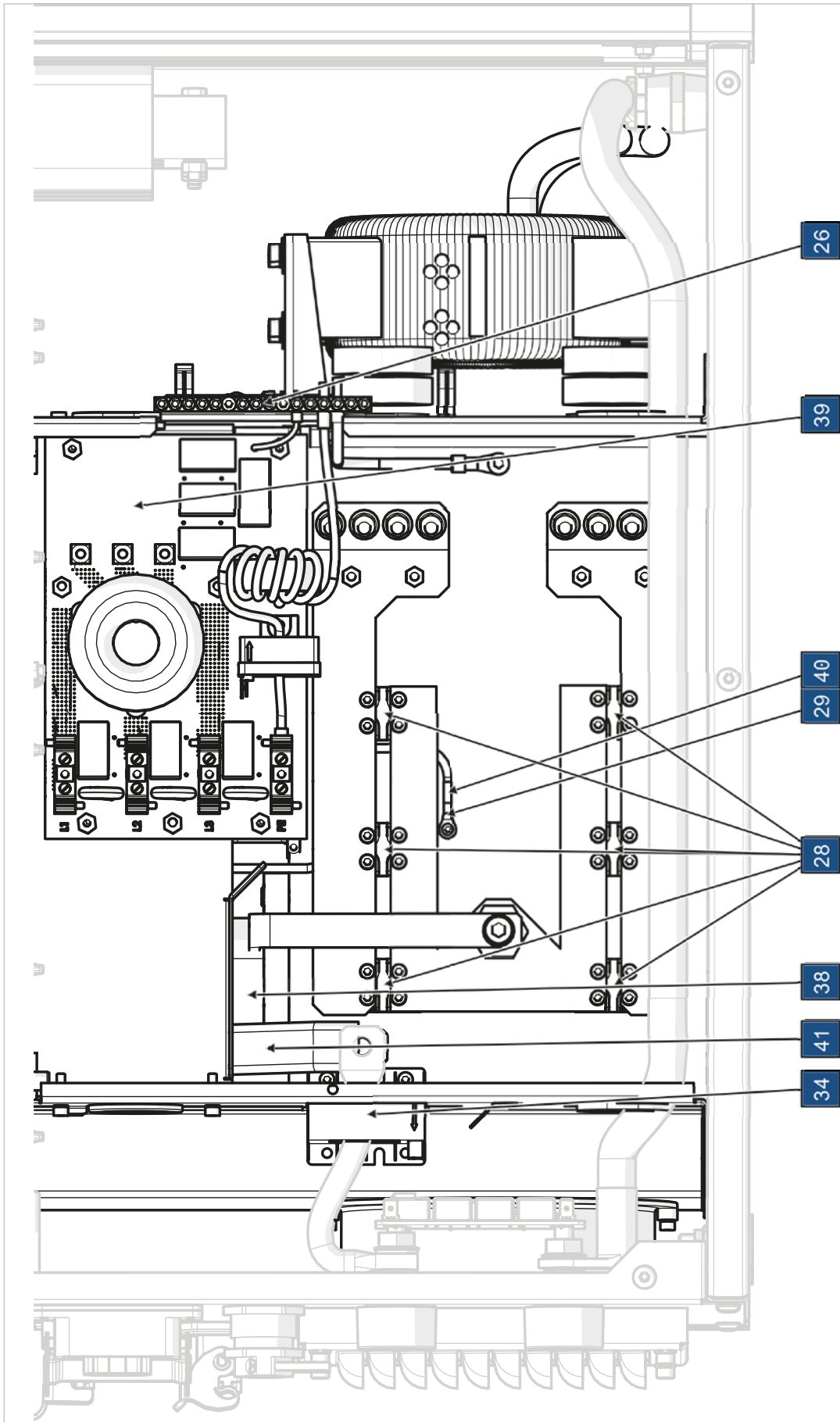


Pos.	Beschreibung	Artikelnummer
25	Elko 4700 F (+/-20%) 450V	0021011316
27	IGBT Vce max. 1200V Ic 300A	0055650001
29	NTC Temperatursensor 10k +/-1% 3977k	0030040413
30	QN BG 450, Platine UZK-Symmetrierung	0033253600
31	QN BG 450, Vorladung	0033253110
32	QN BG 450 Treiberplatine DC V3 Rev. 1.0	0033101xxx

Pos.	Beschreibung	Artikelnummer
33	QN BG 450 Platine UZK-MKP	0033254300
35	Axialventilator 172x51mm 24V DC PWM	0022044700
36	QN BG 450, Ringkerntrafo kpl.	0055654510
37	QN BG 450 Stromsensor Primär	0055650013
40	Glasseidlackschlauch 4 mm	0039070200

The driver board is available in the following variants:

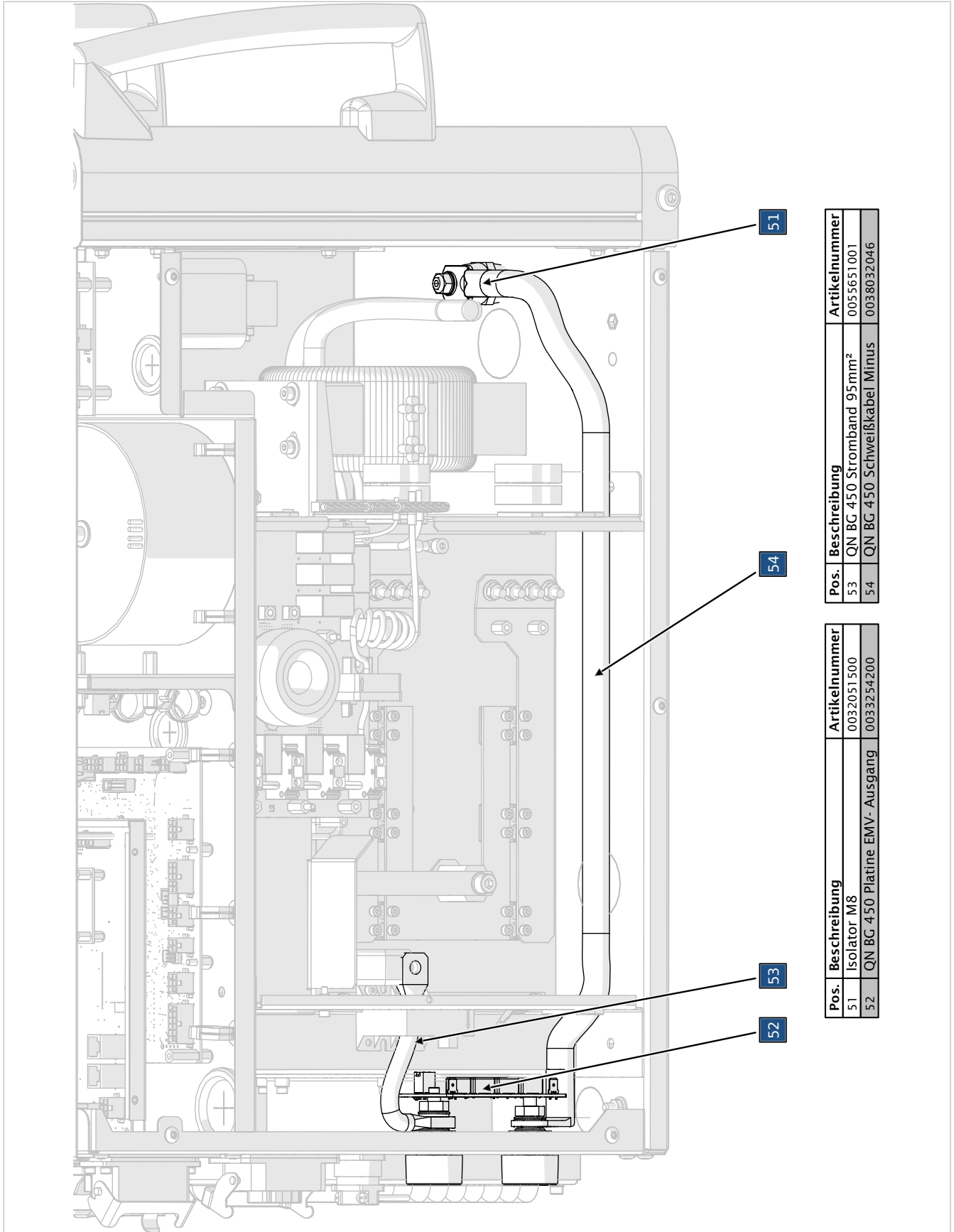
- Master 452
- Premium 452
- Premium 452 AC
- Premium 602



Pos.	Beschreibung	Artikelnummer
39	QN NX Netzfilterplatine	0033253900
40	Glasseidelackschlauch 4 mm	0039070200
41	Glasseidelackschlauch 16 mm	0039070600

Pos.	Beschreibung	Artikelnummer
26	PE+N Schiene 16 Klemmen aufgebohrt	0033048410
28	Diode Vrrm 400V, trr 95ns Ifav 2x 120A	0055650003
29	NTC Temperatursensor 10k +-1% 3977k	0030040413
34	QN BG 450, Stromsensor Sekundär	0055650012
38	QN BG 450, Schweißstromdrossel	0055650008

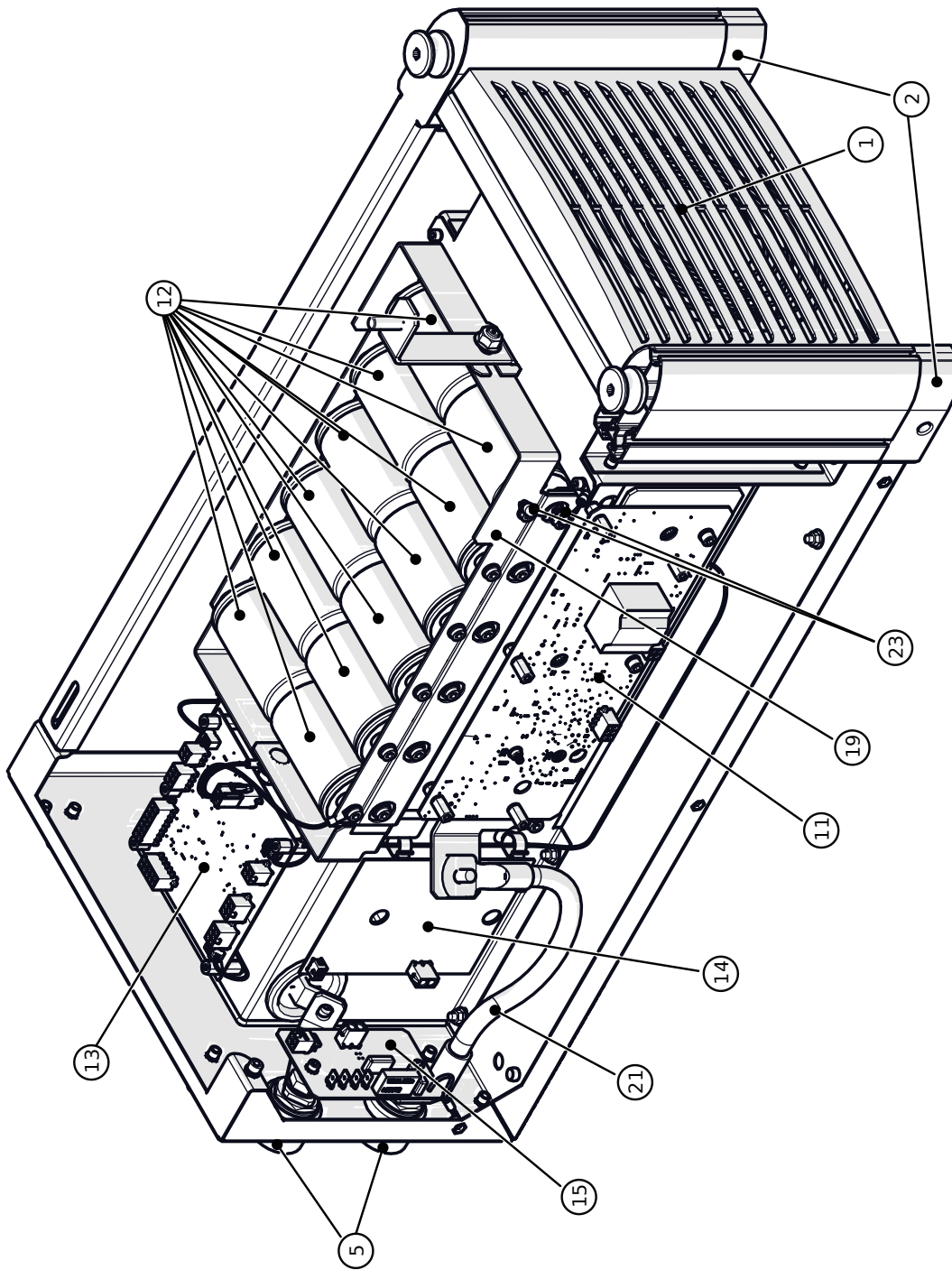
Welding power line, internal



Pos.	Beschreibung	Artikelnummer
53	QN BG 450 Stromband 95mm ²	0055651001
54	QN BG 450 Schweißkabel Minus	0038032046

Pos.	Beschreibung	Artikelnummer
51	Isolator M8	0032051500
52	QN BG 450 Platine EMV- Ausgang	0033254200

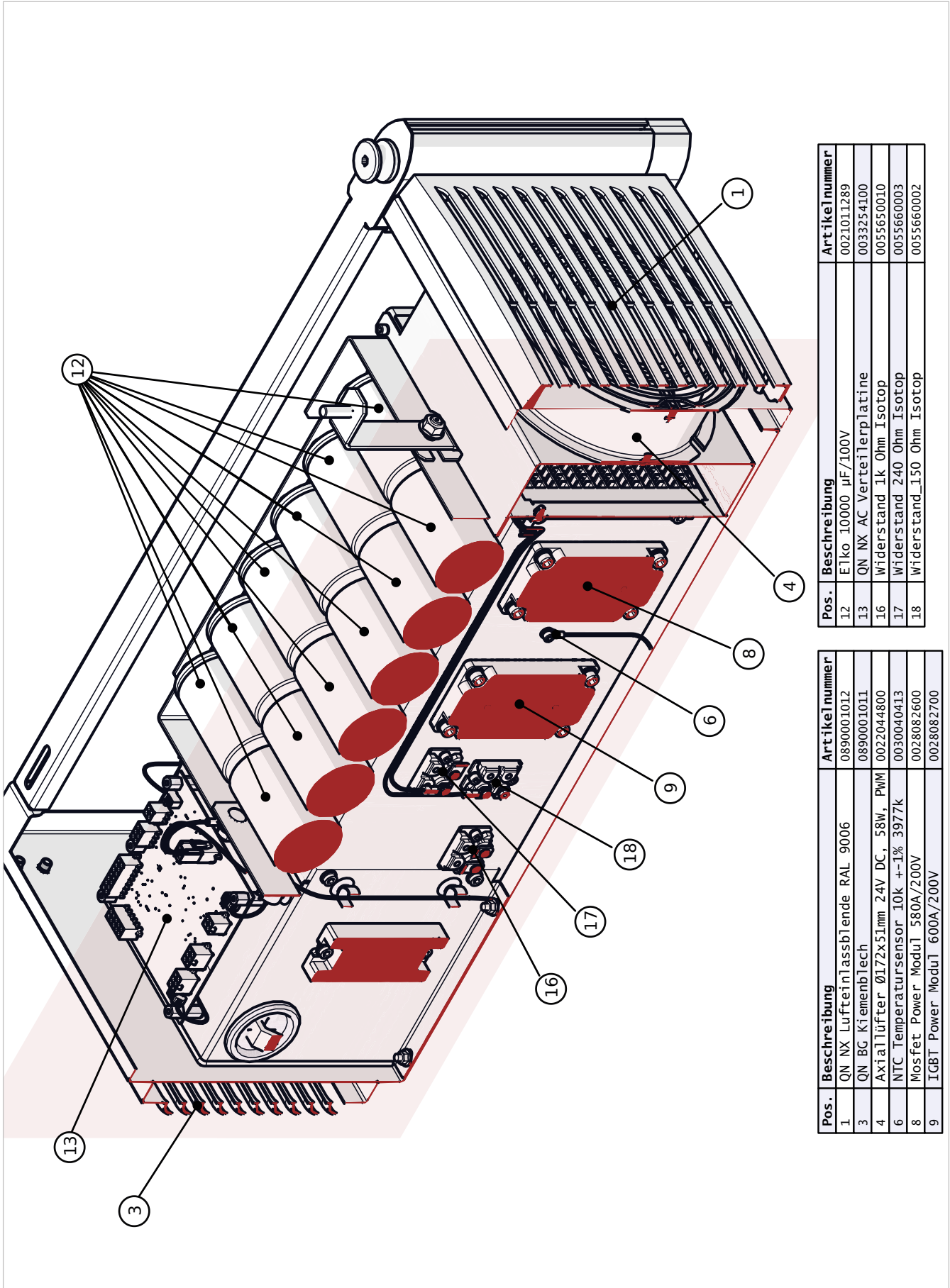
AC power electronics



Pos.	Beschreibung	Artikelnummer
19	QN_NX_AC_Busbar_rechts	005566004
21	QN_NX_450AC_Schweifskabel_Minus	0038032047
23	Foilenkondensator_22nF_630V	0021020210

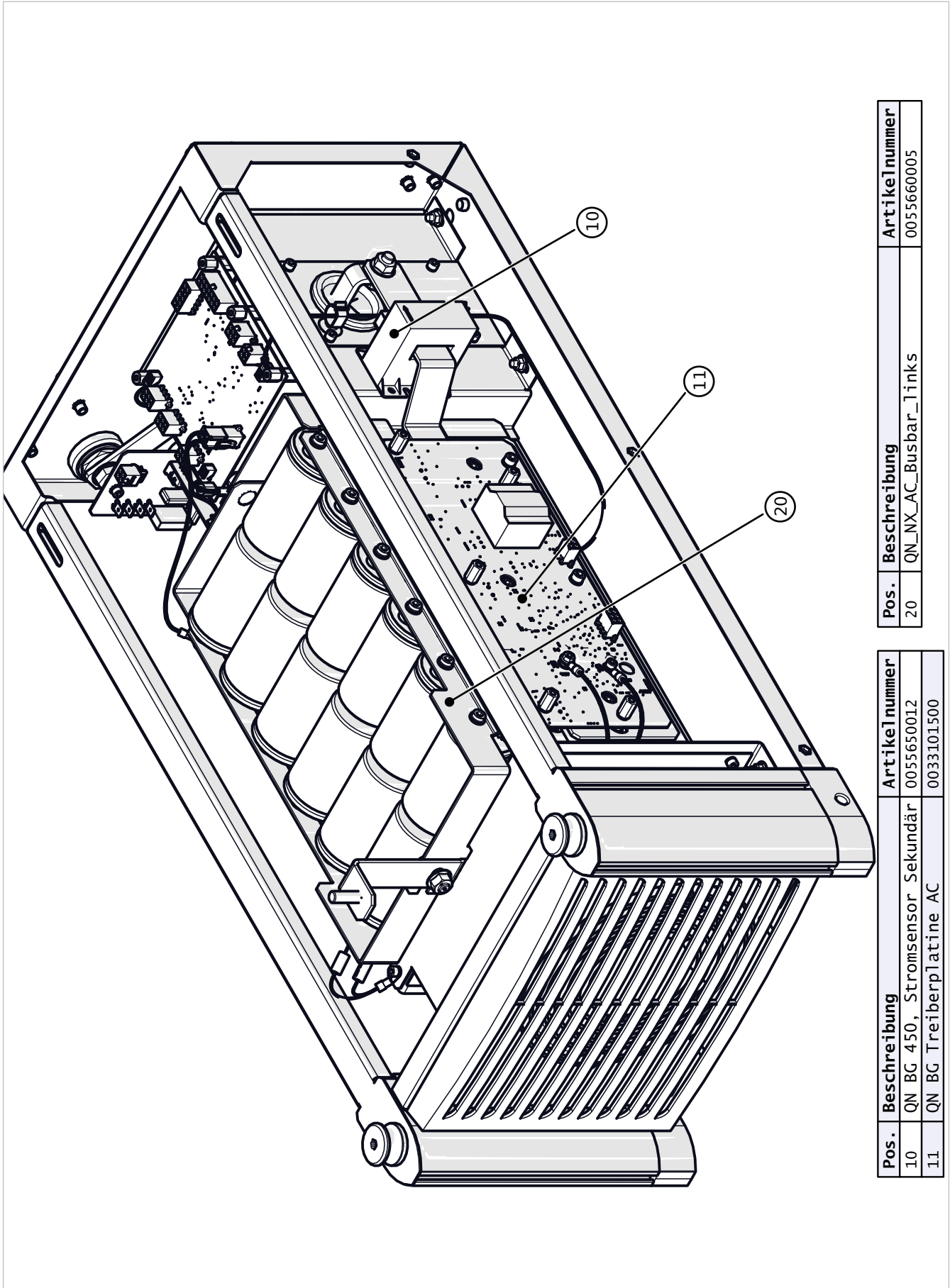
Pos.	Beschreibung	Artikelnummer
12	Elko 10000 µF/100V	0021011289
13	QN_NX_AC Verteilrplatine	0033254100
14	Qineo_Zuendplatine	0033100901
15	QN_NX_AC_P1 atine_EMV-Ausgang	033255000

Pos.	Beschreibung	Artikelnummer
1	QN_NX Lufteinlassblende RAL 9006	0890001012
2	QINEO Standfuss Klein	0830001096
5	Einbaubuchse 50/70 mm² kpl. TM	0073031200
11	QN_BG Treiberplatine AC	0033101500



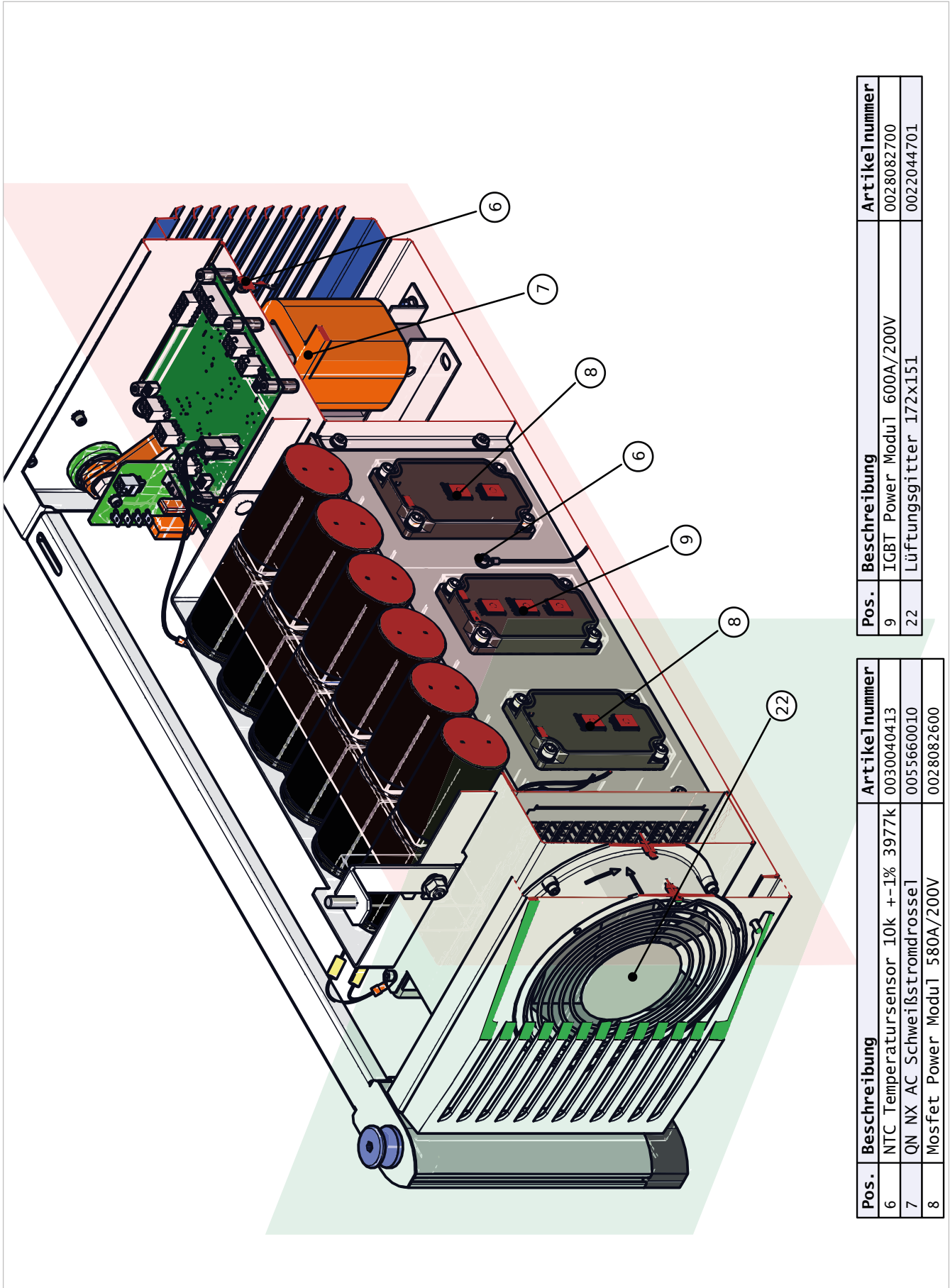
Pos.	Beschreibung	Artikelnummer
12	Elko 10000 µF/100V	0021011289
13	QN NX AC Verteilertplatine	0033254100
16	Widerstand 1k Ohm Isotop	0055650010
17	Widerstand 240 Ohm Isotop	0055660003
18	Widerstand_150 Ohm Isotop	0055660002

Pos.	Beschreibung	Artikelnummer
1	QN NX Luftreinlassblende RAL 9006	0890001012
3	QN BG Kiemenblech	0890001011
4	Axiallüfter Ø172x51mm 24V DC, 58W, PWM	0022044800
6	NTC Temperatursensor 10k ±1% 3977k	0030040413
8	Mosfet Power Modul 580A/200V	0028082600
9	IGBT Power Modul 600A/200V	0028082700



Pos.	Beschreibung	Artikelnummer
10	QN BG 450, Stromsensor Sekundär	0055650012
11	QN BG Treiberplatine AC	0033101500

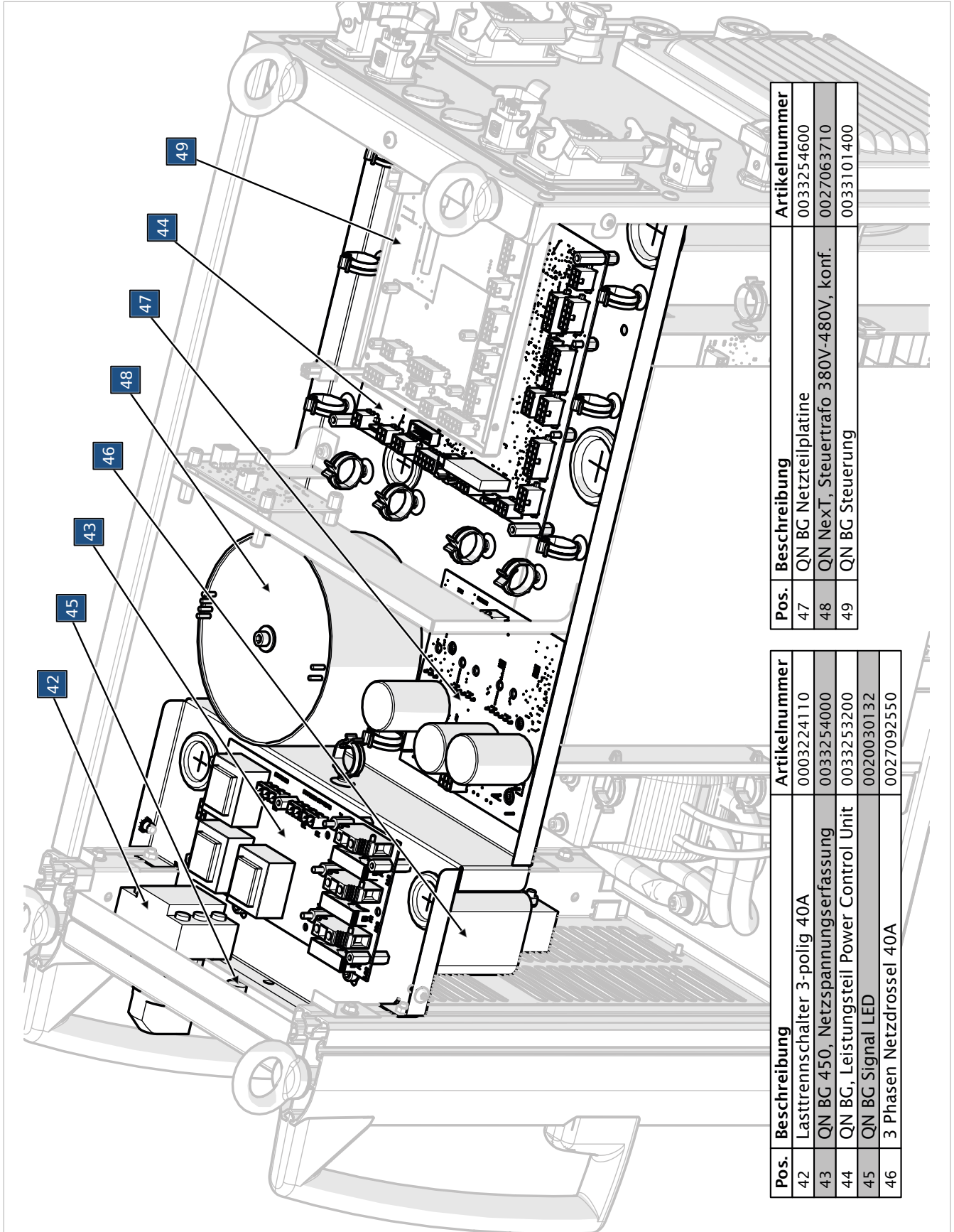
Pos.	Beschreibung	Artikelnummer
20	QN_NX_AC_Busbar_Link	0055660005



Pos.	Beschreibung	Artikelnummer
6	NTC Temperatursensor 10k +-1% 3977k	0030040413
7	QN NX AC Schweißstromdrossel	0055660010
8	Mosfet Power Modul 580A/200V	0028082600

Pos.	Beschreibung	Artikelnummer
9	IGBT Power Modul 600A/200V	0028082700
22	Lüftungsgitter 172x151	0022044701

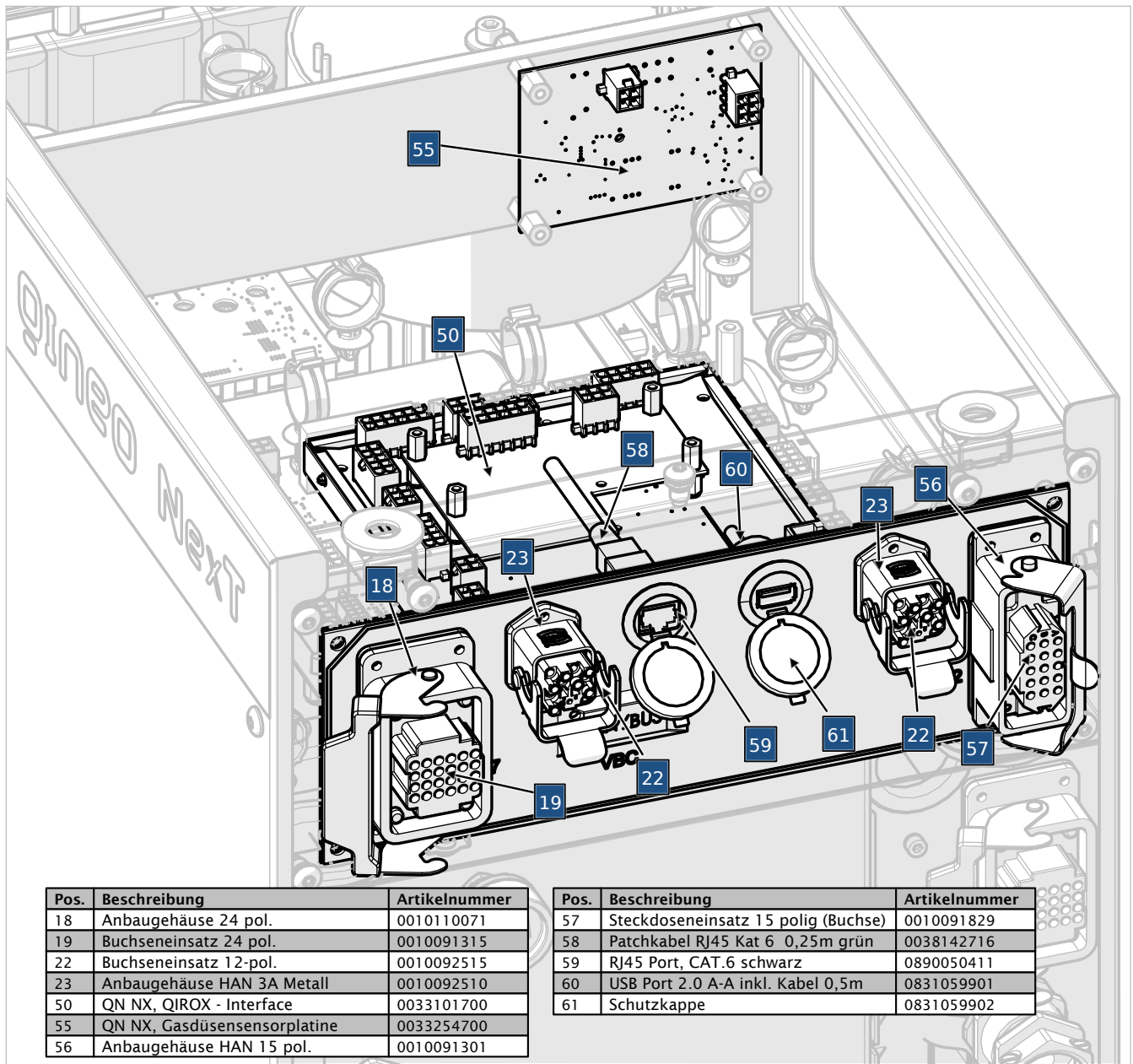
Control electronics



Pos.	Beschreibung	Artikelnummer
42	Lasttrennschalter 3-polig 40A	0003224110
43	QN BG 450, Netzspannungserfassung	0033254000
44	QN BG, Leistungsteil Power Control Unit	0033253200
45	QN BG Signal LED	0020030132
46	3 Phasen Netzdrössel 40A	0027092550

Pos.	Beschreibung	Artikelnummer
47	QN BG Netzteilplatine	0033254600
48	QN Next, Steuertrafo 380V-480V, konf.	0027063710
49	QN BG Steuerung	0033101400

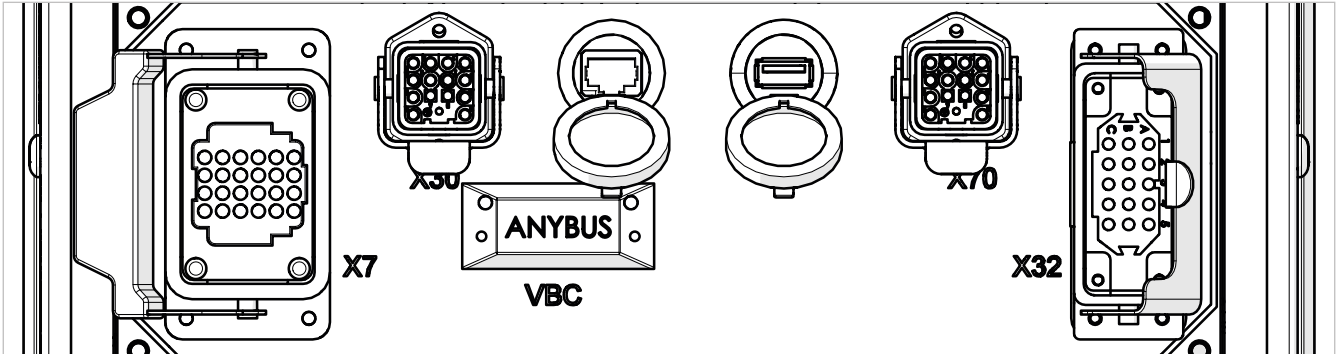
Optional peripheral equipment



Pos.	Beschreibung	Artikelnummer
18	Anbaugehäuse 24 pol.	0010110071
19	Buchseinsatz 24 pol.	0010091315
22	Buchseinsatz 12-pol.	0010092515
23	Anbaugehäuse HAN 3A Metall	0010092510
50	QN NX, QIROX - Interface	0033101700
55	QN NX, Gasdüsensensorplatine	0033254700
56	Anbaugehäuse HAN 15 pol.	0010091301

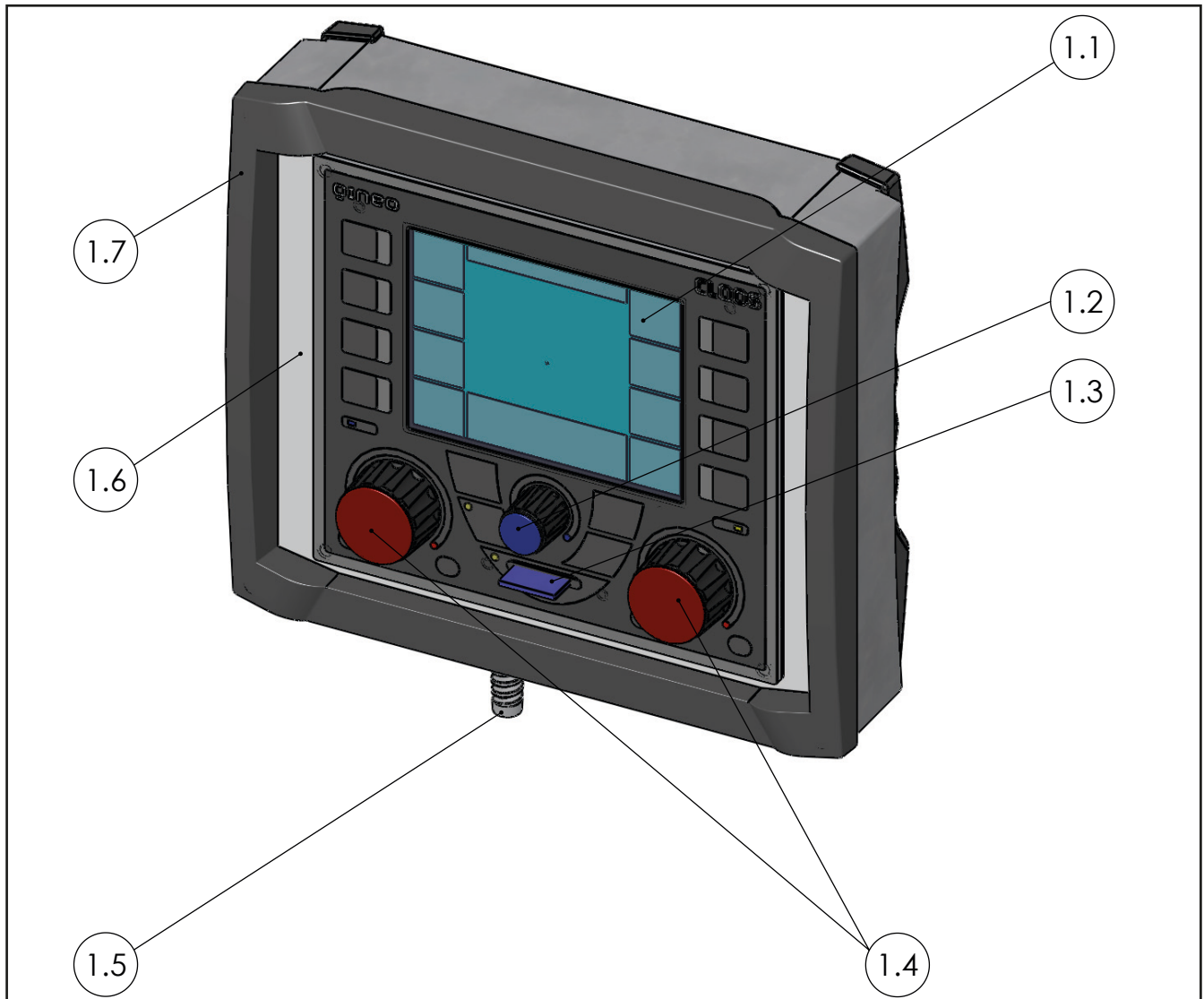
Pos.	Beschreibung	Artikelnummer
57	Steckdoseneinsatz 15 polig (Buchse)	0010091829
58	Patchkabel RJ45 Kat 6 0,25m grün	0038142716
59	RJ45 Port, CAT.6 schwarz	0890050411
60	USB Port 2.0 A-A inkl. Kabel 0,5m	0831059901
61	Schutzkappe	0831059902

Optional installation kits



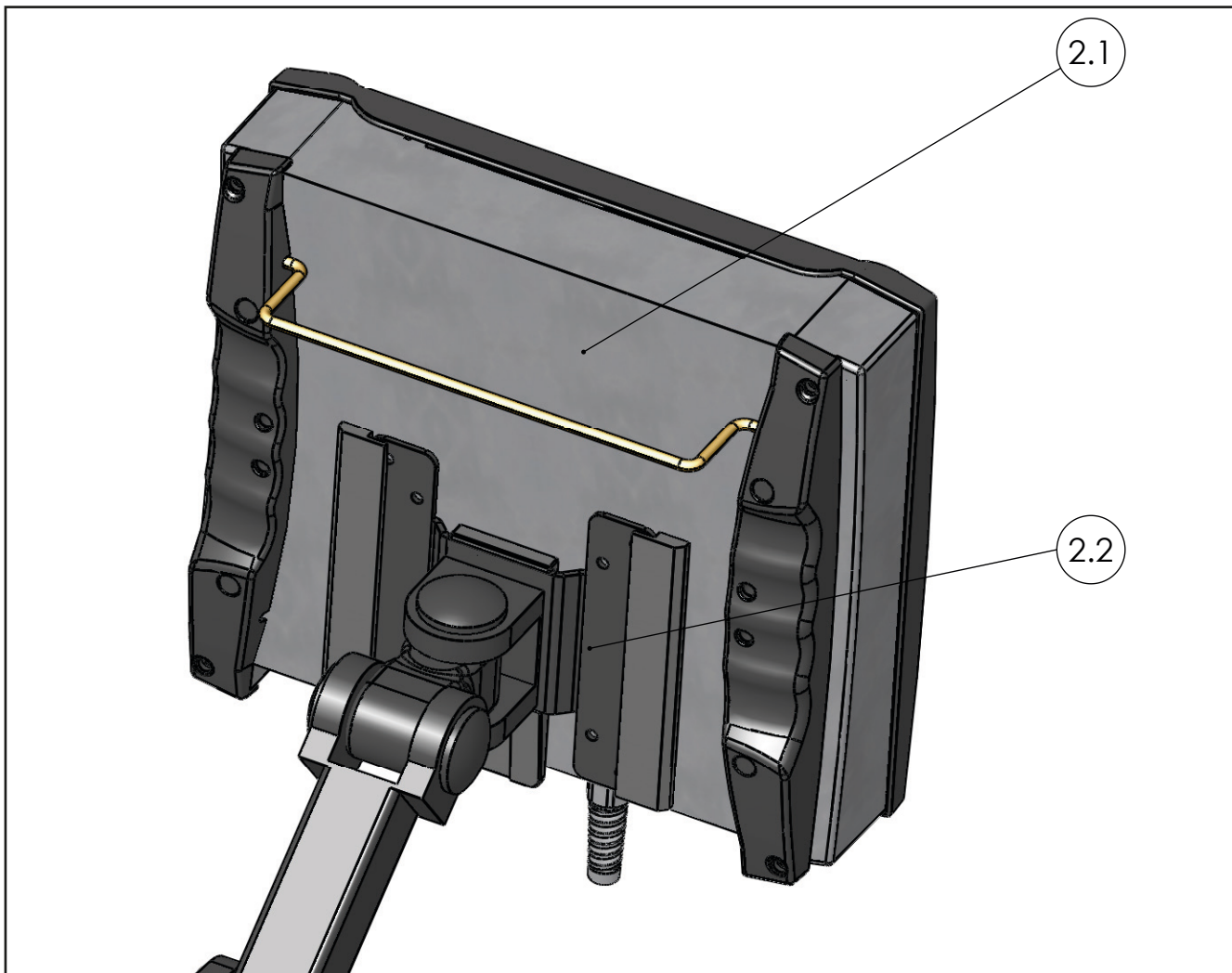
Item	Part name				Part number
X7	Installation kit "QIROX interface"				0890050000
X30	Installation kit "RPU"				0890050700
X77	Installation kit "Ethernet"				0890050400
USB	Installation kit "USB"				0831059900
X70	Installation kit "External VBC interface" for:				0890050100
	Profibus Module cpl.	ProfiNet Module cpl.	DeviceNet Module cpl.	OMI Module cpl.	
	0890050300	0890050310	0890050320	0890050330	
	Terminal box "External VBC interface"				0831058151
	Data cable				0038141240
	Adapter plate rear carrier				0890010101
X32	Installation kit "Pulse synchronisation / Tandem"				0890050800
ANYBUS	ProfiBus, ProfiNet				on request
X9	Installation kit "QWD-B-H"				0890050900

RPU "PREMIUM" + "MasterPlus"



Item	Designation	Application			Part number	E/V*
		Qineo	Qineo Pro	Qineo NexT		
1.1	PREMIUM operating module complete	831 10 02 00	-	-		E
	PREMIUM operating module cpl., 5m	831 10 02 05	891 10 03 05	891 10 02 05		E
	PREMIUM operating module cpl., 10m	831 10 02 10	891 10 03 10	891 10 02 10		E
	MasterPlus operating module complete	831 10 04 00	-	-		E
	MasterPlus operating module cpl., 5m	831 10 04 05	891 10 05 05	891 10 04 05		E
	MasterPlus operating module cpl., 10m	831 10 04 10	891 10 05 10	891 10 04 10		E
1.2						
1.3	see "Operating modules" on page 18					-
1.4						
1.5	Connecting cable 5m ready for use				890 10 05 05	-
	Connecting cable 10m ready for use				890 10 05 10	-
	no illus. sleeve housing HAN3A/7D	Qineo Pro/NexT			010 09 25 11	-
	no illus. pin insert 12 pole	Qineo Pro/NexT			010 09 25 14	-
1.6	QINEO RPU, adapter plate control panel				831 10 00 01	-
1.7	RPU, housing frame				033 18 71 16	-

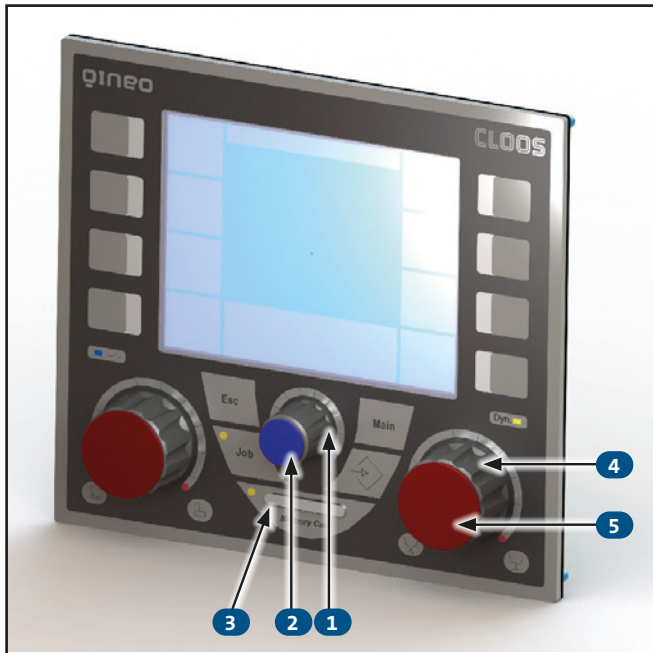
E = Spare parts / V = Consumables



Item	Designation	Option	Part number	E/V*
2.1	RPU, housing base cpl. varnished RAL 7024		033 18 71 14	-
2.2a	Q-RPU, module pivot arm cpl.	Pivot arm	830 10 10 00	-
	Q-RPU, pivot arm	Pivot arm	830 10 10 01	-
	Q-RPU, pivot arm - bearing	Pivot arm	830 10 10 03	-
	Q-RPU, pivot arm lamellar plugs	Pivot arm	830 10 10 04	-
	Q-RPU, pivot arm - guidance	Pivot arm	830 10 10 05	-
	Q-RPU, pivot arm - locking	Pivot arm	830 10 10 06	-
	Pressure spring D-115J	Pivot arm	000 02 04 23	-
2.2b	Q-RPU, module wall bracket cpl.	Support	830 10 10 10	-
	Q-RPU, pivot arm - bearing	Pivot arm	830 10 10 03	-
	Q-RPU, pivot arm lamellar plugs	Pivot arm	830 10 10 04	-
	Q-RPU, pivot arm - guidance	Pivot arm	830 10 10 05	-
	Q-RPU, pivot arm - locking	Pivot arm	830 10 10 06	-
	Pressure spring D-115J	Pivot arm	000 02 04 23	-

E = Spare parts / V = Consumables

Operating modules



Premium - 0831004120



MasterPlus - 0831004130



MasterPlus Compact - 0831004140

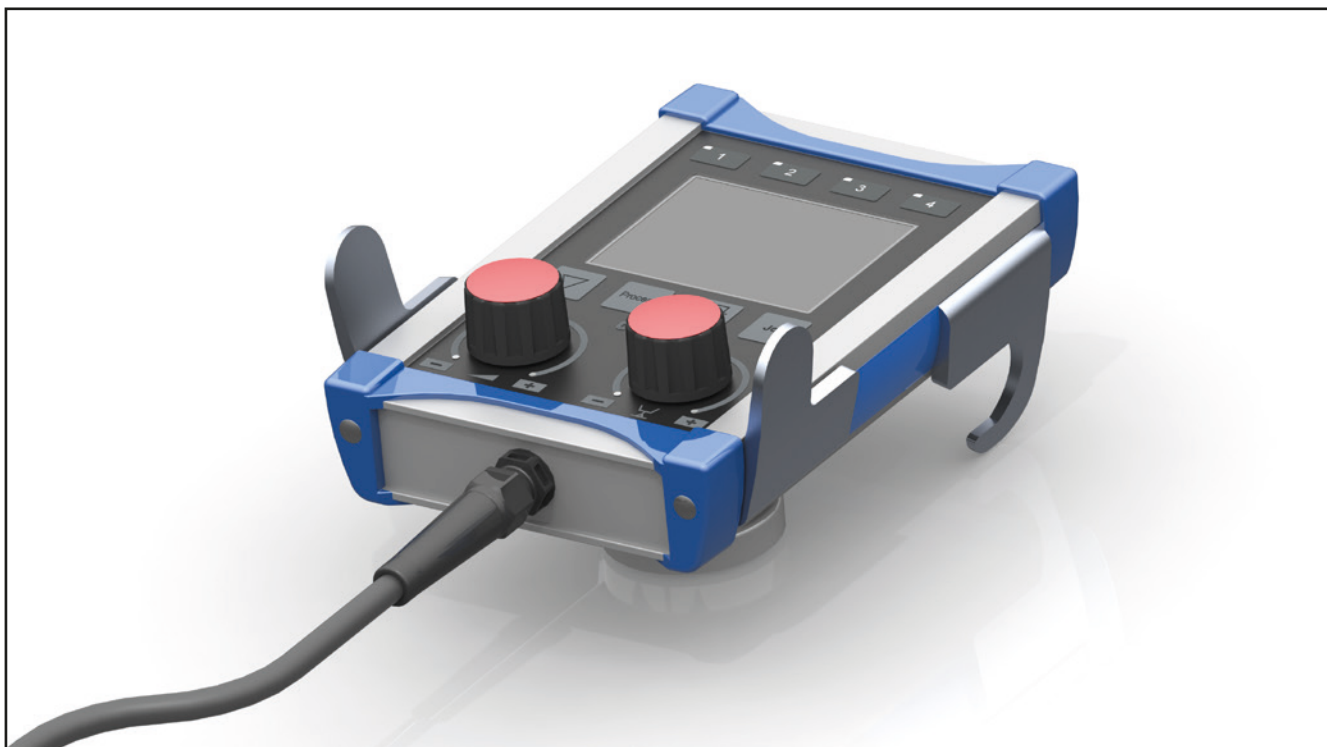


RC Plus, see Page 19

Item	Designation	Application				Part number	E/V*
		Premium	MasterPlus	MasterPlus Compact	RC Plus		
1	Rotary knob 21mm, for 6mm shaft	x	-	-	-	030 03 00 23	E
2	Cover for knob 21mm, bomb-shaped, blue	x	-	-	-	030 03 00 24	E
3	SD memory card	x	-	-	-	029 21 06 00	-
3	QN OP Premium slot including PCB SD card	x	-	-	-	831 00 41 25	-
4	Rotary knob 36mm, for 6mm shaft	x	x	-	-	030 03 00 21	E
5	Cover for rotary knob 36mm, bomb-shaped, red	x	x	-	-	030 03 00 22	E
6	Rotary knob 28mm, matt black	-	-	x	x	030 03 00 36	E
7	Cap - 28mm, red, bomb-shaped	-	-	x	x	030 03 00 37	E
no illus. PAK kit including adapter 2-pole on 5-pole		x	x	-	-	033 21 64 10	E
no illus. Option: QINEO, protective shield operating module		x	x	-	-	830 00 40 10	-

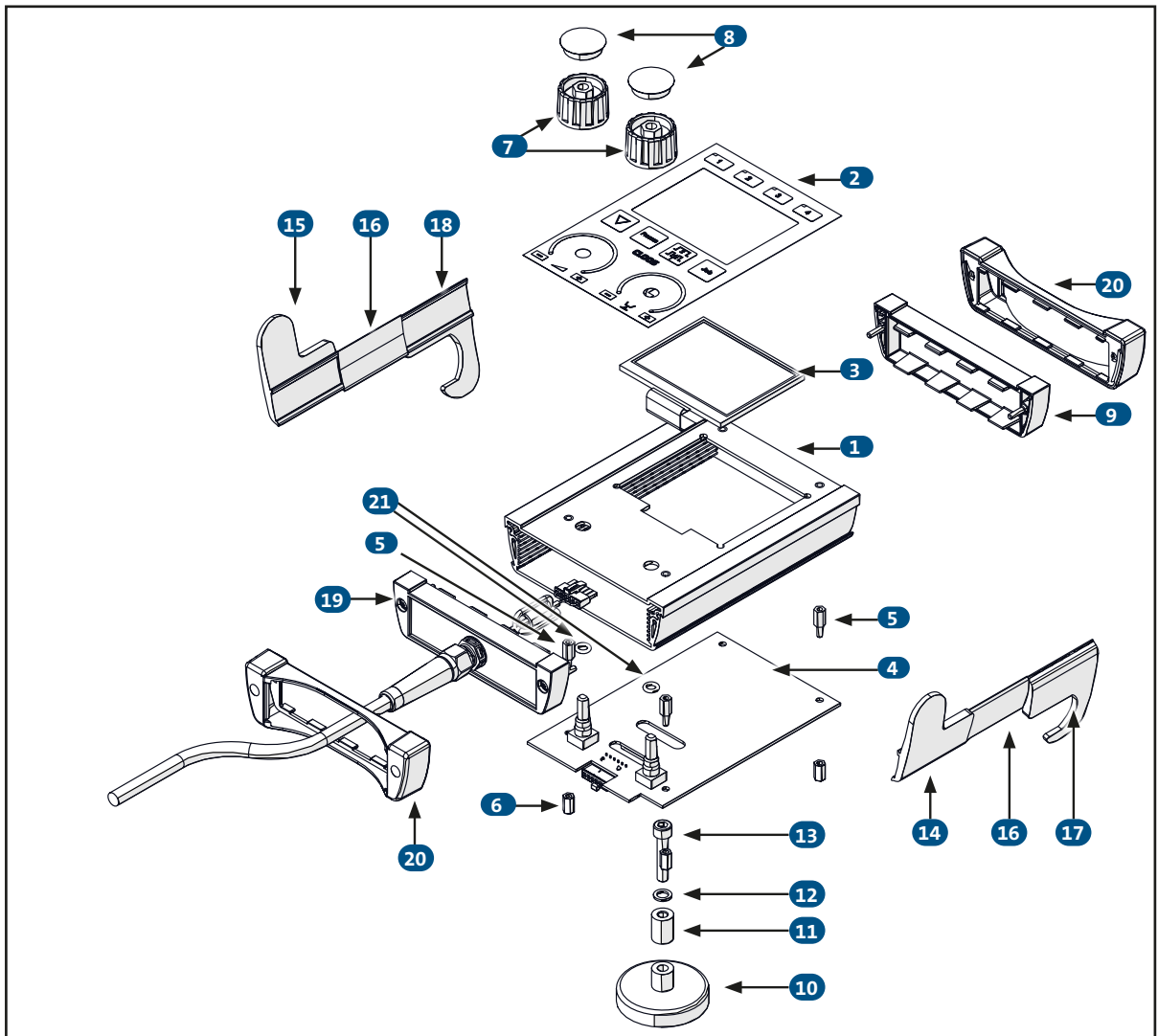
E = Spare parts / V = Consumables

Remote control "RC Plus"



Designation	Application			Part number	E/V *
	Qineo	Qineo Pro	Qineo NexT		
QN RC Plus, 5m	x	-	-	0831 02 00 05	-
QN RC Plus, 10m	x	-	-	0831 02 00 10	-
QN RC Plus, 5m with holding magnet	x	-	-	0831 02 10 05	-
QN RC Plus, 10m with holding magnet	x	-	-	0831 02 10 10	-
QN Pro RC Plus, 5m	-	x	-	0891 02 50 05	-
QN Pro RC Plus, 10m	-	x	-	0891 02 50 10	-
QN Pro RC Plus, 5m with holding magnet	-	x	-	0891 02 60 05	-
QN Pro RC Plus, 10m with holding magnet	-	x	-	0891 02 60 10	-
QN NexT RC Plus, 5m	-	-	x	0891 02 00 05	-
QN NexT RC Plus, 10m	-	-	x	0891 02 00 10	-
QN NexT RC Plus, 5m with holding magnet	-	-	x	0891 02 10 05	-
QN NexT RC Plus, 10m with holding magnet	-	-	x	0891 02 10 10	-

E = Spare parts / V = Consumables

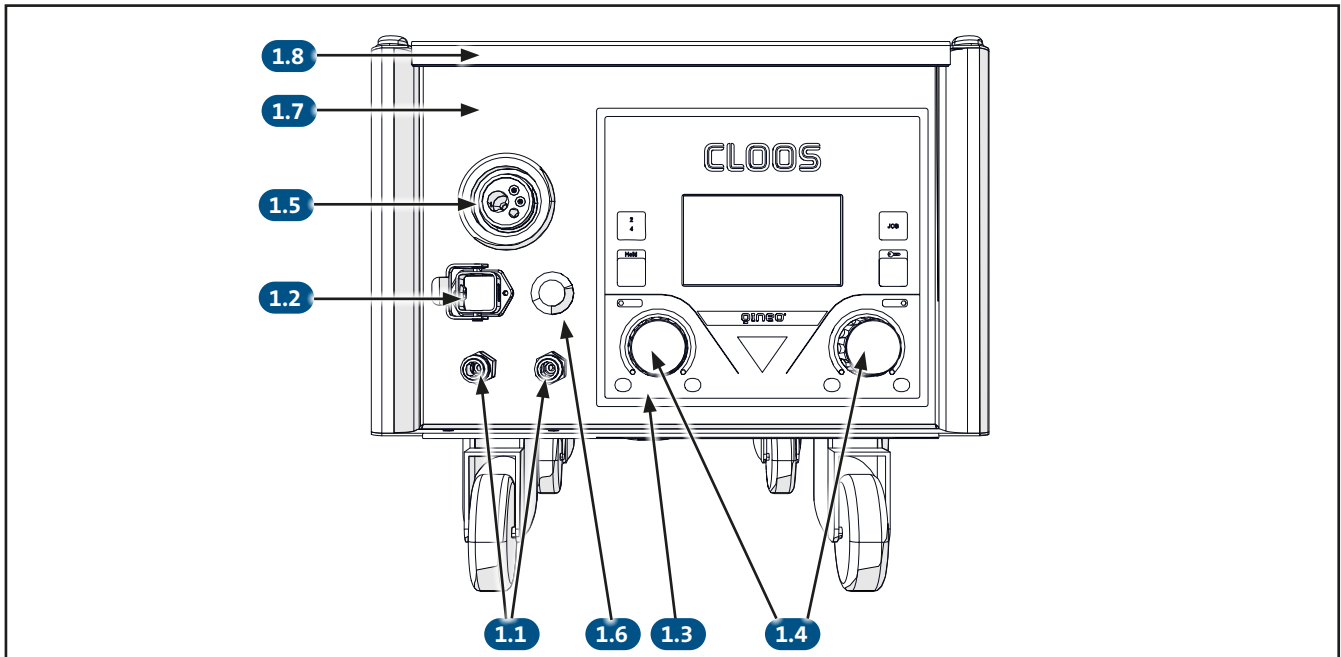


Item	Quantity	Description	Part number	E/V*
1*	1	QN RC Plus housing shell with front cap M	on request	-
2	1	QN RC Plus front cover	on request	-
3	1	TFT Display 3.5" - RC Plus	on request	-
4	1	QN RC Plus controller	0033 05 98 00	-
5	4	Spacer inside/outside M3; 10mm	0049 01 49 26	-
6	4	Spacer inside/outside M3; 10mm	0049 01 49 27	-
7		see "Operating modules" on page 18		
8				
9	1	QN RC Plus cap	0831 02 01 11	-
10*	1	Pot magnet	0097 03 08 22	-
11*	1	QN RC Plus distance sleeve magnet	0831 02 01 09	-
12*	1	Lock washer VS6	0103 76 06 00	-
13*	1	Cylinder screw DIN912-M6x30-8.8	0102 20 60 30	-
14	1	QN RC Plus guard bracket right	0831 02 01 02	-
15	1	QN RC Plus guard bracket left	0831 02 01 03	-
16	2	QN RC Plus decorative strip blue	0831 02 01 04	-
17	1	QN RC Plus holder right	0831 02 01 06	-
18	1	QN RC Plus holder left	0831 02 01 07	-
19	1	QN RC Plus connection kit cpl. 5m	0831 02 01 05	-
20	2	QN RC Plus collision protection cpl.	0831 02 01 08	-
21	2	O-ring 6 x 2	0110 06 02 00	-

* For the variant without holding magnet, the positions 10,11,12,13 are inapplicable and the component on pos.1 is replaced by 0831 02 01 00. M = Magnet

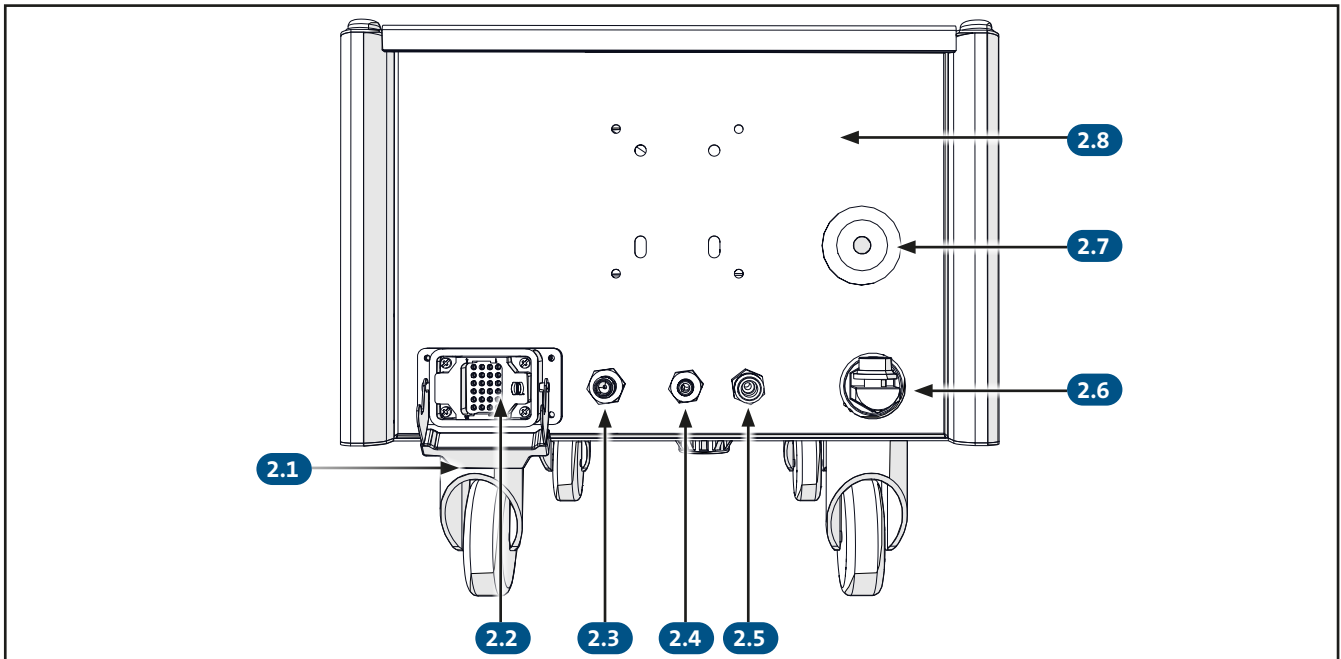
E = Spare parts / V = Consumables

QWD "M4" wire drive unit



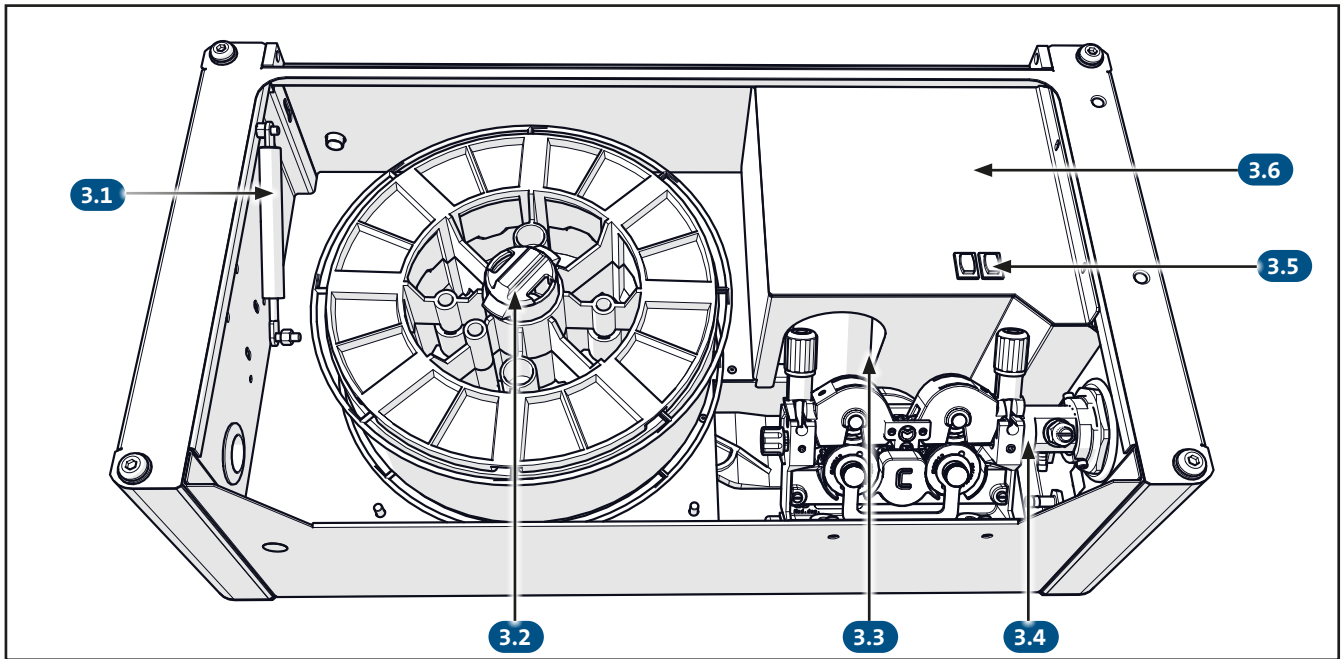
Item	Designation	Option	Application			Cooling		Part number	E/V *
			SZ	EURO	DINSE	Water	Air		
1.1	Coupling NW5, female thread R1/4 - red					x	-	032 03 01 40	E
	Coupling NW5, female thread R1/4 - blue					x	-	032 03 01 41	E
	Hose connector, brass, G1/4, S8					x	-	032 03 00 97	-
	Sealing ring OL-1/4					x	-	032 03 00 29	-
1.2	QINEO Next, kit - RC Master	RC Master						890 10 20 20	-
	QINEO Next, kit - PushPull including RC Eco	PushPull						891 50 35 08	-
1.3a	QINEO, Master Plus operating module cpl.	MASTER Plus						831 00 41 30	-
	QINEO, membrane Master Plus operating module	MASTER Plus						831 00 40 31	-
	QINEO, carrier board Master Plus operating module	MASTER Plus						033 05 93 00	-
1.3b	QINEO, PREMIUM operating module cpl. (no. illus.)	PREMIUM						831 00 41 20	-
	QINEO, membrane PREMIUM operating module	PREMIUM						831 00 40 21	-
	PREMIUM, operating module board	PREMIUM						033 05 86 10	-
	QINEO PREMIUM, slot including board	PREMIUM						831 00 41 25	-
	SD Card slot silicone protector	PREMIUM						831 00 41 24	-
	SD memory card	PREMIUM						029 21 06 00	-
1.3c	QINEO, dummy panel operating module	RPU						831 00 42 01	-
1.4	Rotary knob 36mm, for 6mm shaft							030 03 00 21	E
	Cover 36mm, bomb-shaped, red							030 03 00 22	E
	Rotary knob 21mm, for 6mm shaft (no illus.)	PREMIUM						030 03 00 23	E
	Cover 21mm, bomb-shaped, blue	PREMIUM						030 03 00 24	E
1.5	Central connection - SZ	SZ	x	-	-			043 62 00 40	-
	Central connection - EURO	EURO	-	x	-			043 62 00 90	-
	Central connection - DINSE	DINSE	-	-	x			043 62 00 50	-
1.6	Connector socket - SZ	SZ	x	-	-			010 03 03 00	-
1.7	Front wall							833 58 11 23	-
1.8	Lid							833 58 10 02	-

E = Spare parts / V = Consumables



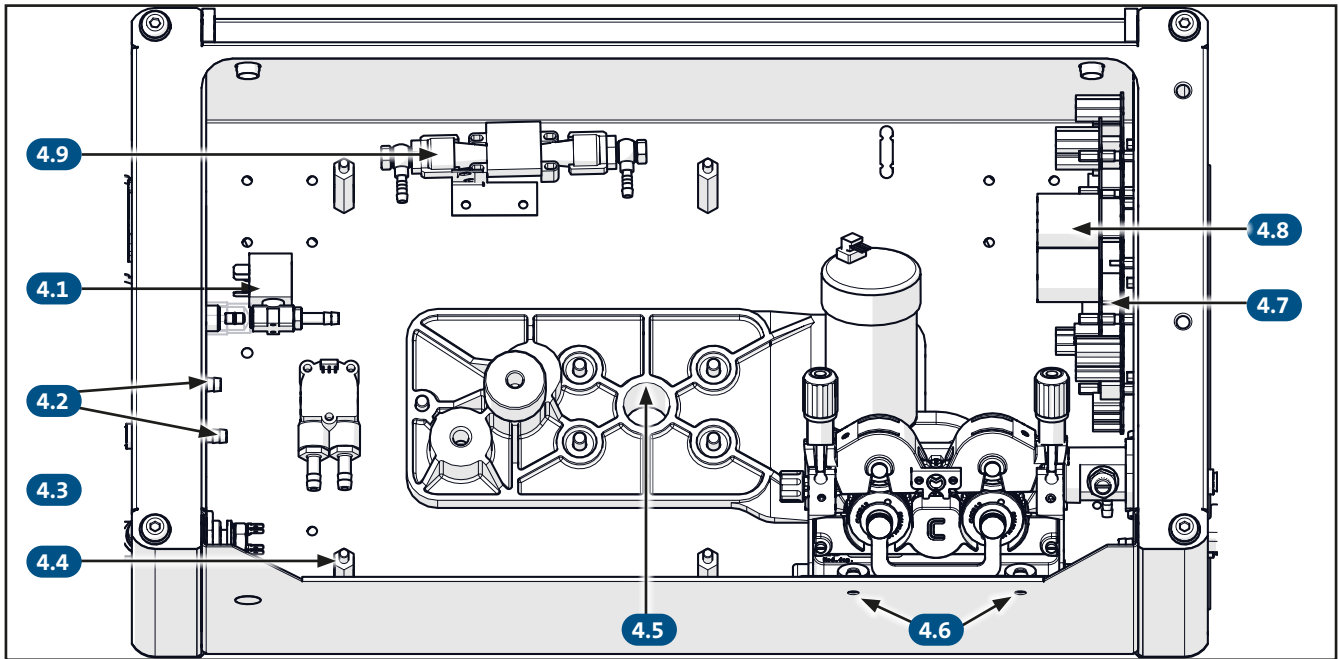
Item	Designation	Option	Application			Cooling		Part number	E/V *
			SZ	EURO	DINSE	Water	Air		
2.1	Guide roller galvanised ϕ 75mm							049 06 00 18	-
	Mounted housing HAN 6 flat for socket							010 11 00 71	-
	Pin 24 pole HAN 24 DD							010 09 13 16	-
2.2	Crimp contact pin 0.75-1.0mm ² HAN D							010 09 18 03	-
	Crimp contact pin 0.5mm ² HAN D							010 09 18 04	-
	Crimp contact pin 0.14-0.37mm ² HAN D							010 09 18 05	-
2.3	Plug nipple for gas valve							032 03 00 39	E
	Sealing ring OL-3/8							032 03 00 28	-
2.4	Plug nipple G1/4 inside NW 5					x	-	049 01 03 54	E
	Sealing ring OL-1/4					x	-	032 03 00 29	-
2.5	Coupling NW5, female thread R1/4 - red					x	-	032 03 01 40	E
	Sealing ring OL-1/4					x	-	032 03 00 29	-
2.6	Power connection M12x1.5 cpl.							073 03 27 85	-
2.7	Rubber bushing OD 45 mm							035 01 00 13	-
2.8	Rear panel							833 58 11 24	-

E = Spare parts / V = Consumables



Item	Designation	Option	Application			Cooling		Part number	E/V*
			SZ	EURO	DINSE	Water	Air		
3.1	Gas pressure spring							644 01 00 21	-
	Retaining bolt							645 26 20 13	-
3.2	Coil holder cpl.							047 12 00 00	-
3.3	Wire drive motor KSV 4030 + encoder							024 14 33 00	V
3.4	QN-WF-22 including motor							043 59 00 10	-
	The spare parts list of the wire feed unit is in a separate chapter								
3.5	Push-button							008 01 00 32	E
3.6	Cover							833 58 12 41	-

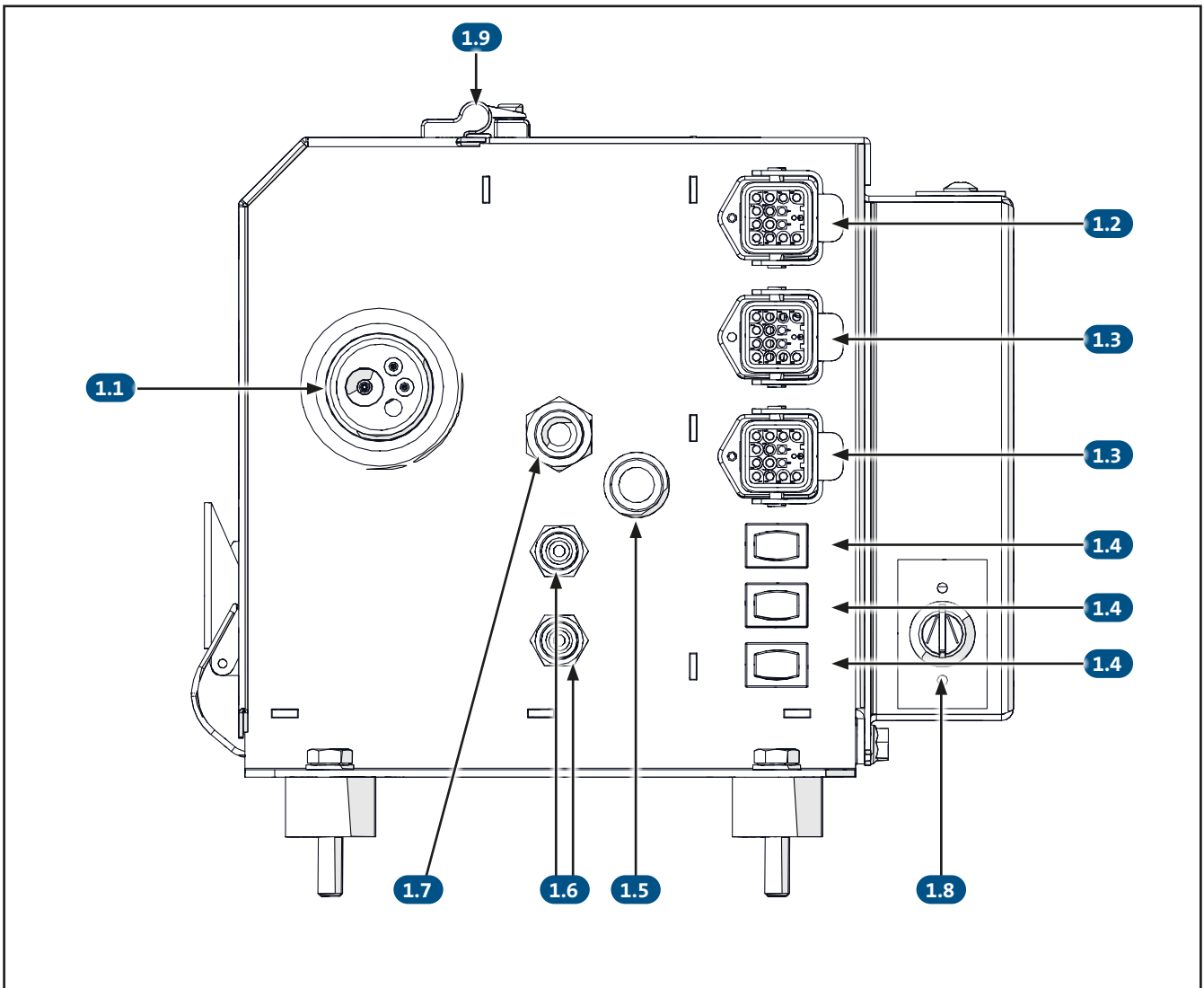
E = Spare parts / V = Consumables



Item	Designation	Option	Application			Cooling		Part number	E/V *
			SZ	EURO	DINSE	Water	Air		
4.1	Gas valve cpl.							048 05 17 30	E
	Threaded connection, straight, Ø8 x a1/4"							032 07 20 02	-
	Throttle nipple G3/8, G1/4 (gas retaining unit)							048 05 15 25	-
	Throttle insert 0.6mm							032 03 00 79	-
	Hose connector, brass, G1/4, S6							032 03 00 98	-
	Single ear clamp 014.5-706R							042 02 00 12	-
	Ready-made gas hose							830 53 60 62	-
4.2	Threaded connection, straight, Ø10 x a1/4"					x	-	032 07 20 07	-
	Hose connector, brass, G1/4, S8					x	-	032 03 00 97	-
	Sealing ring 0-1/4"					x	-	032 03 00 29	-
	Single ear clamp 13.8-706R					x	-	042 02 00 15	-
	Hose cutting QWD M (water) single ear					x	-	830 53 30 52	-
4.3	Optional coolant flow meter cpl.	DFM				x	-	831 00 20 00	E
	Optional flow meter	DFM				x	-	016 07 08 00	E
4.4	Distance bolt							049 01 02 86	-
4.5	Base plate for coil bracket							645 25 89 11	-
4.6	Hexagon socket screw M6x12 self-locking							104 16 60 12	-
4.7	QINEO PULSE WD, control II							033 33 44 05	E
4.8	QINEO PULSE WD, output stage II							033 33 45 05	E
4.9	Installation kit airflow sensor for weld data monitoring	SD						831 53 32 30	-

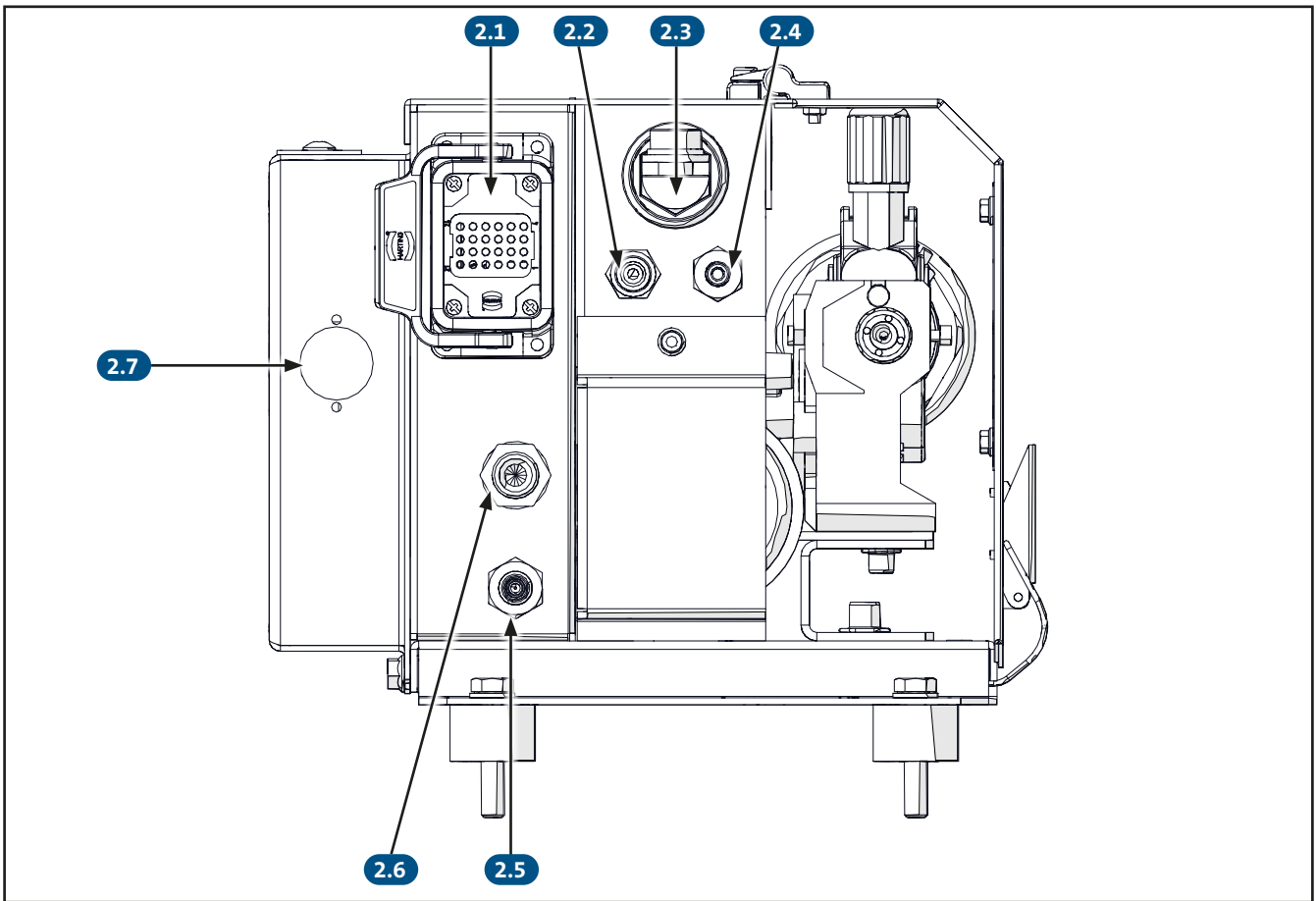
E = Spare parts / V = Consumables

QWD "A4" wire drive unit



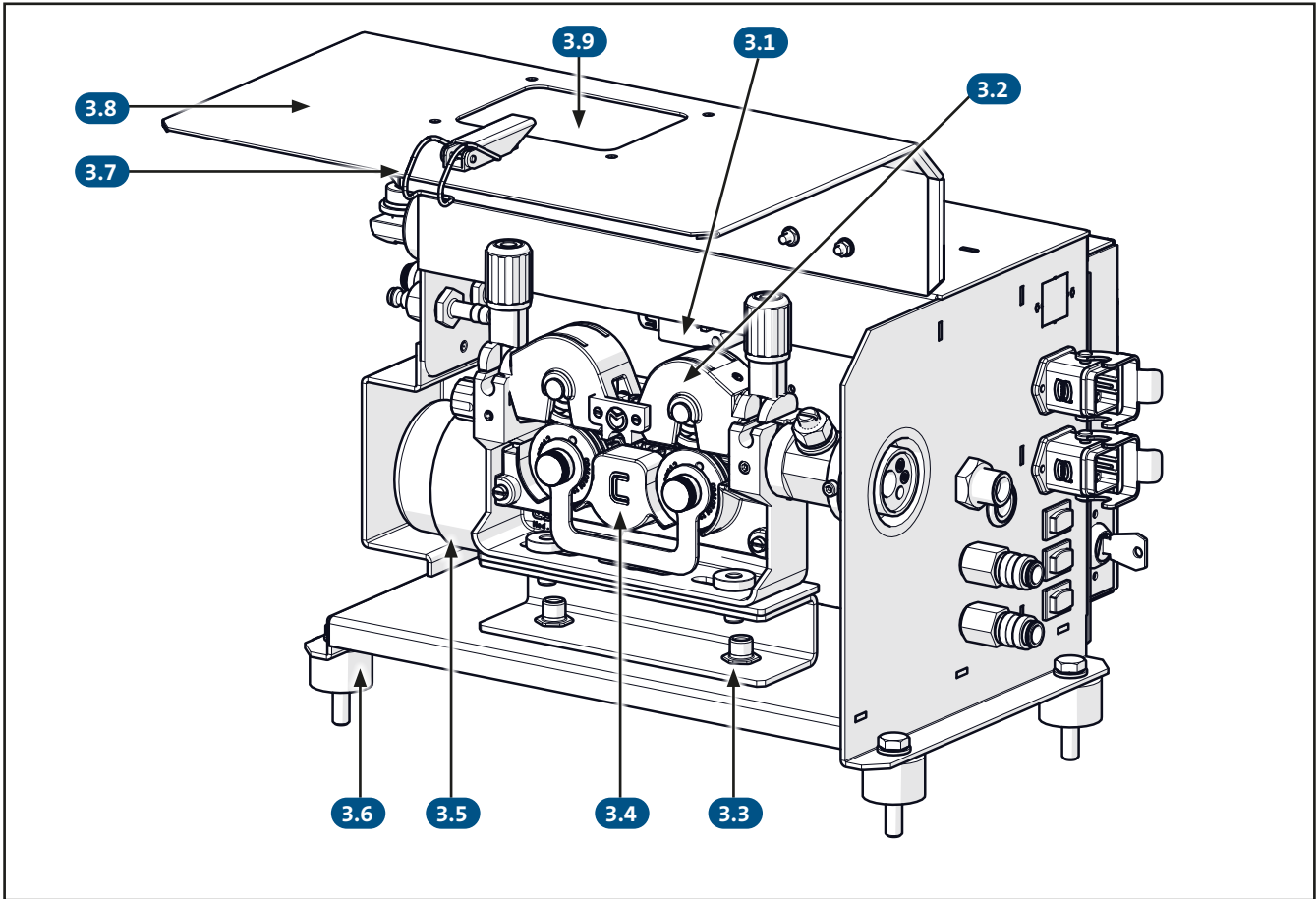
Item	Designation	Option	Application			Cooling		Part number	E/V*
			SZ	EURO	DINSE	Water	Air		
1.1	Central connection - SZ	SZ	x	-	-			043 62 00 40	-
	Central connection - EURO	EURO	-	x	-			043 62 00 10	-
	Central connection - DINSE	DINSE	-	-	x			043 62 00 50	-
1.2	Plastic housing	MoTion (only NexT)						010 09 25 04	-
	7 pole socket insert							010 09 25 02	-
1.3	Aluminium housing	Note the coding						010 09 25 10	-
	12 pole socket insert							010 09 25 15	-
1.4	Button							008 01 00 32	E
1.5	Connector socket - SZ	SZ	x	-	-			010 03 03 00	-
1.6	Coupling NW5, female thread R1/4 - red					x	-	032 03 01 40	E
	Coupling NW5, female thread R1/4 - blue					x	-	032 03 01 41	E
1.7	Connection nipple "blow out"		-	x	x			048 01 00 16	-
	Lock washer "blow-out"		-	x	x			103 76 16 00	-
	Nut 3/9", flat "blow-out"		-	x	x			060 02 00 01	-
1.8	Key switch	Key switch						008 02 50 12	-
1.9	Hinge							097 03 05 11	-

E = Spare parts / V = Consumables



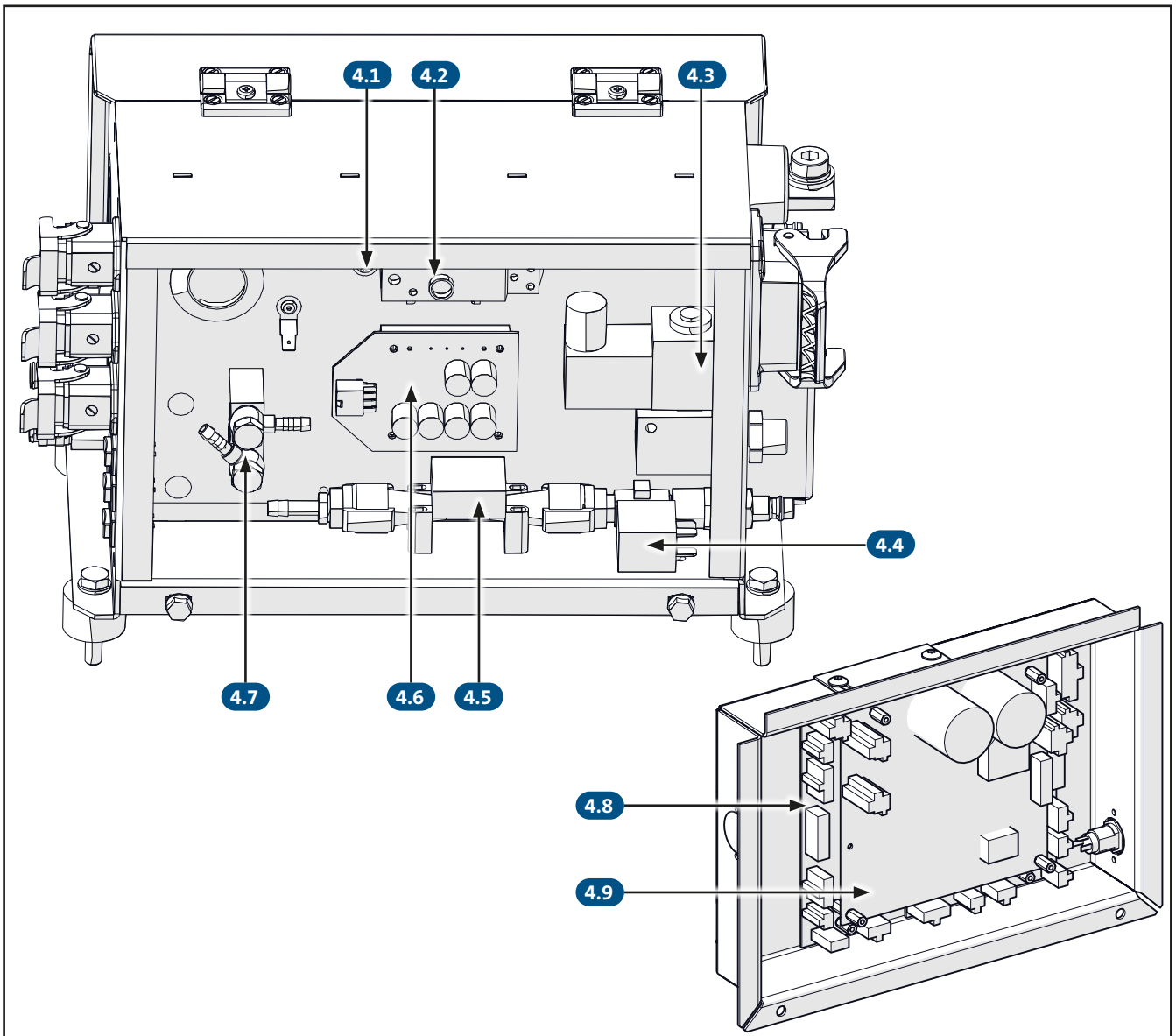
Item	Designation	Option	Application			Cooling		Part number	E/V *
			SZ	EURO	DINSE	Water	Air		
2.1	Aluminium housing							010 11 00 71	-
	24 pole pin insert							010 09 13 16	-
2.2	Coupling NW5, female thread R1/4 - red					x	-	032 03 01 40	E
	Hose connector, brass, G1/4, S8					x	-	032 03 00 97	-
	Single ear clamp 13.8-706R					x	-	042 02 00 15	-
	PVC hose 8.2 x 2.25 mm black					x	-	040 02 01 00	-
2.3	Power connection M12x1.5 cpl.							073 03 27 85	-
2.4	Plug nipple G1/4 inside NW 5					x	-	049 01 03 54	E
	Hose connector, brass, G1/4, S8					x	-	032 03 00 97	-
	Single ear clamp 13.8-706R					x	-	042 02 00 15	-
	PVC hose 8.2 x 2.25 mm black					x	-	040 02 01 00	-
2.5	Plug nipple "gas"	without SD						032 03 00 39	E
	Plug nipple "gas" (0.85mm)	SD						032 03 00 49	E
2.6	Double nipple 3/8	Blow through						048 01 00 07	-
2.7	Opt. WEC (Wire-End-Control) cpl.	WEC						831 80 30 30	-
	Machine socket 6 pole + PE	WEC						010 07 06 00	-
	Machine plug 6 pole + PE	WEC						010 07 07 00	-
	Opt. WEC (Wire-End-Control in connection with additional drive) cpl.	WEC + additional drive						831 80 30 40	-
	Machine socket 6 pole + PE	WEC + additional drive						010 07 06 00	-
	Machine plug 6 pole + PE	WEC + additional drive						010 07 07 00	-

E = Spare parts / V = Consumables



Item	Designation	Option	Application			Cooling		Part number	E/V*
			SZ	EURO	DINSE	Water	Air		
3.1	Opt. Flow meter cpl.	DFM				x	-	831 00 20 10	E
	Flow meter	DFM				x	-	016 07 08 00	E
	Angular threaded connection	DFM				x	-	032 07 20 07	-
3.2	Pressure roller clip right incl. sensor	SD						043 59 10 31	-
3.3	Attachment wire feed unit							831 80 10 20	-
3.4	QN-WF-22-HD including motor							043 59 20 10	-
3.5	QN-WD-A wire drive motor							024 14 36 00	V
3.6	Rubber-metal buffer							054 12 00 06	-
3.7	Toggle-type fastener							049 05 20 00	-
3.8	Cover plate							831 85 10 51	-
3.9	Inspection glass							832 80 10 05	-

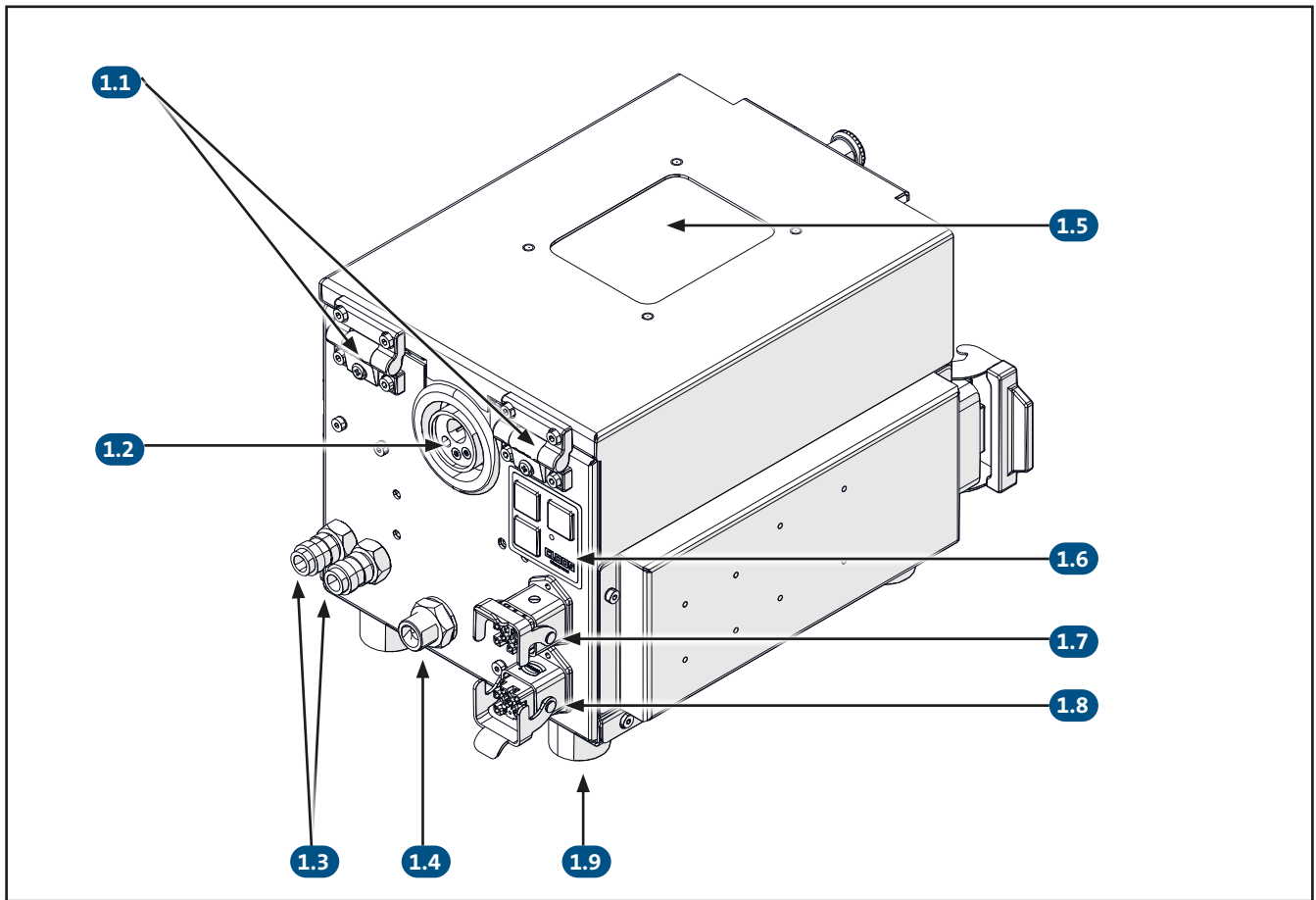
E = Spare parts / V = Consumables



Item	Designation	Option	Application			Cooling		Part number	E/V*
			SZ	EURO	DINSE	Water	Air		
4.1	3 pole flange socket for weld data monitoring	SD						010 05 34 00	-
4.2	Gas pressure controller 2...5 bar	without SD						016 07 06 00	E
4.3	2/2-way solenoid valve							032 02 47 00	E
4.4	Gas valve cpl.							048 05 17 30	E
	Throttle nipple connection gas-yes Straight screwing M5 D=4							048 05 19 02	-
4.5	Airflow sensor	SD						032 06 00 49	-
	Double nipple	SD						016 07 07 10	E
4.6	Sealing ring OL-1/8	SD						032 03 00 55	-
	DC-DC converter	MoTion (only NextT)						032 03 00 30	-
4.7	OR valve, gas		x	-	-			033 33 49 00	-
	Piece of ring hose G1/8 Ø6		x	-	-			032 02 48 00	E
	Hollow screw DIN7643 G1/8		x	-	-			032 07 04 10	-
4.8	Board controller							032 07 04 11	-
4.9	Board output stage II							033 33 44 25	-
								033 33 45 00	-

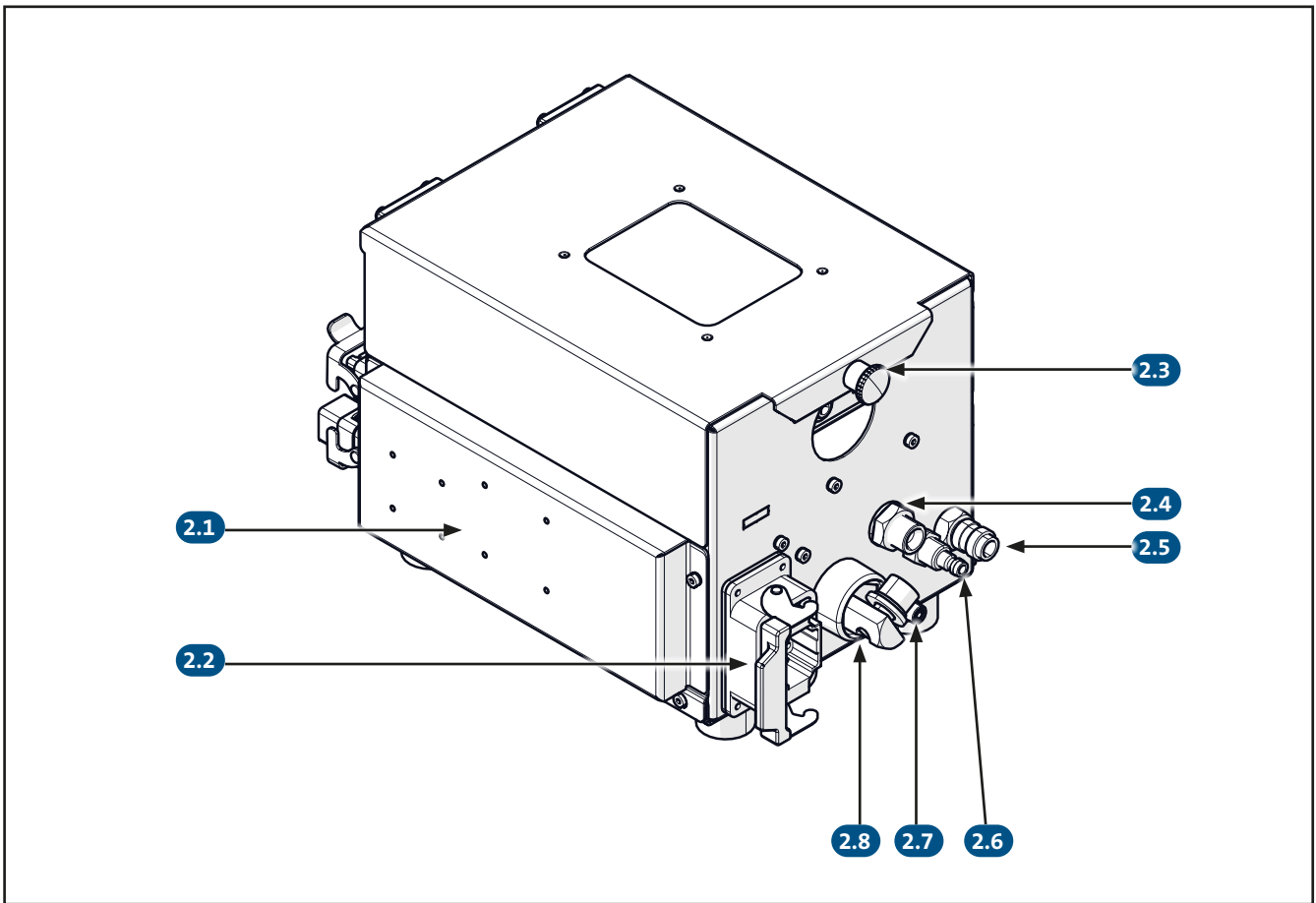
E = Spare parts / V = Consumables

QWD "AR" wire drive unit



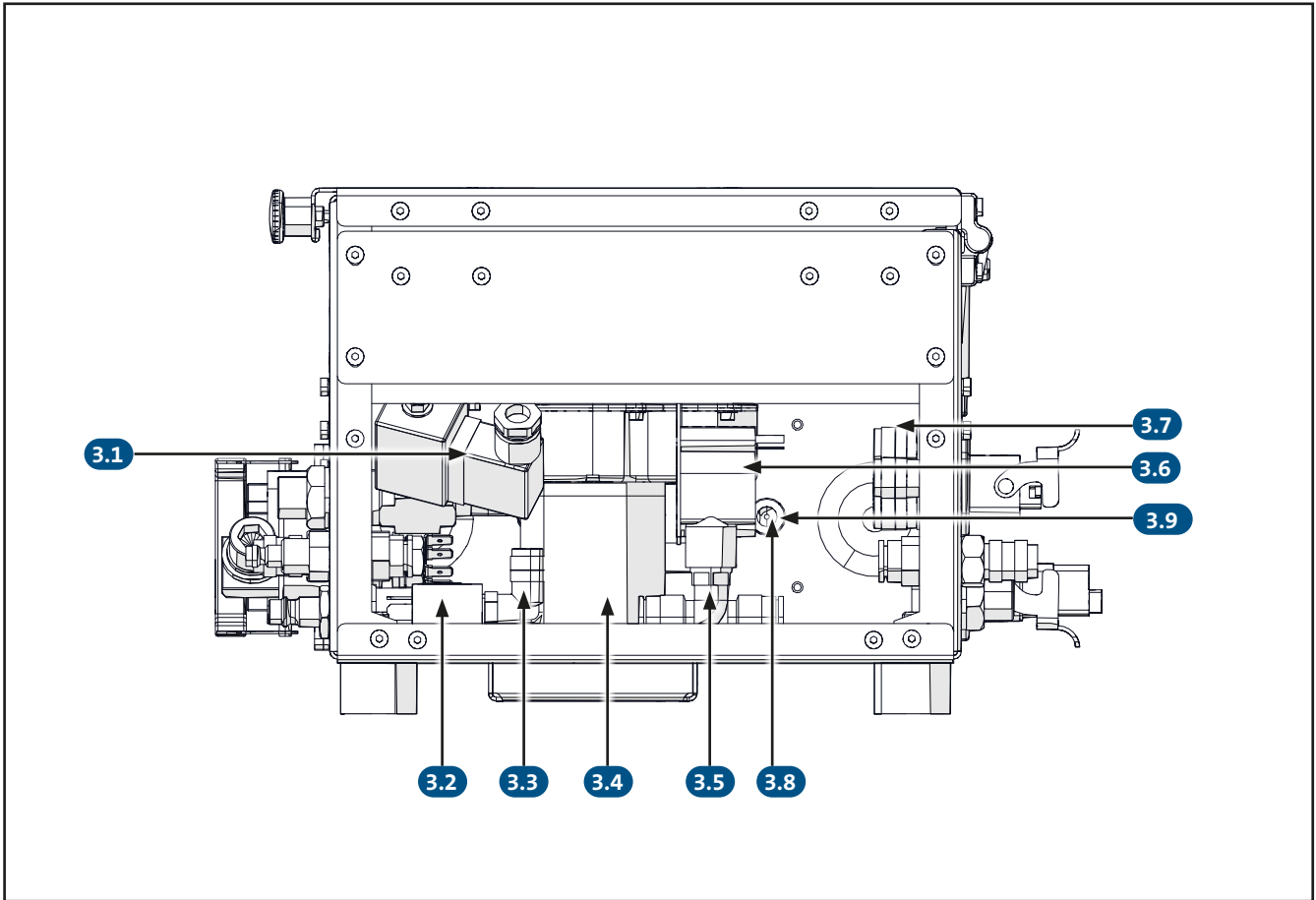
Item	Designation	Option	Application		Cooling		Part number	E/V*
			SZ	EURO	Water	Air		
1.1	Hinge for cover		x	x			097 03 05 11	-
1.2	Central connection SZ cpl. Qineo		x	-			043 62 00 40	-
	Central connection Euro cpl. Qineo		-	x			043 62 00 10	-
1.3	Coupling NW5, female thread R1/4 - red				x	-	032 03 01 40	E
	Coupling NW5, female thread R1/4 - blue				x	-	032 03 01 41	E
1.4	Connection nipple "blow out"		-	x			048 01 00 16	-
	Lock washer "blow-out"		-	x			103 76 16 00	-
	Nut 3/9", flat "blow-out"		-	x			060 02 00 01	-
	Angular threaded connection "blow-out"		-	x			032 06 00 62	-
1.5	QWD-AR inspection glass						832 80 10 05	-
1.6	QWD-AR, membrane keyboard						832 80 11 10	-
1.7	Installation kit CDD, cpl.	CDD					892 80 60 60	-
	Mounted housing HAN3A/7D	CDD					010 09 25 10	-
	12 pole socket insert	CDD					010 09 25 15	-
1.8	Mounted housing HAN3A/7D						010 09 25 10	-
	12 pole socket insert						010 09 25 15	-
1.9	Rubber-metal buffer 70 shore						054 12 00 06	-

E = Spare parts / V = Consumables



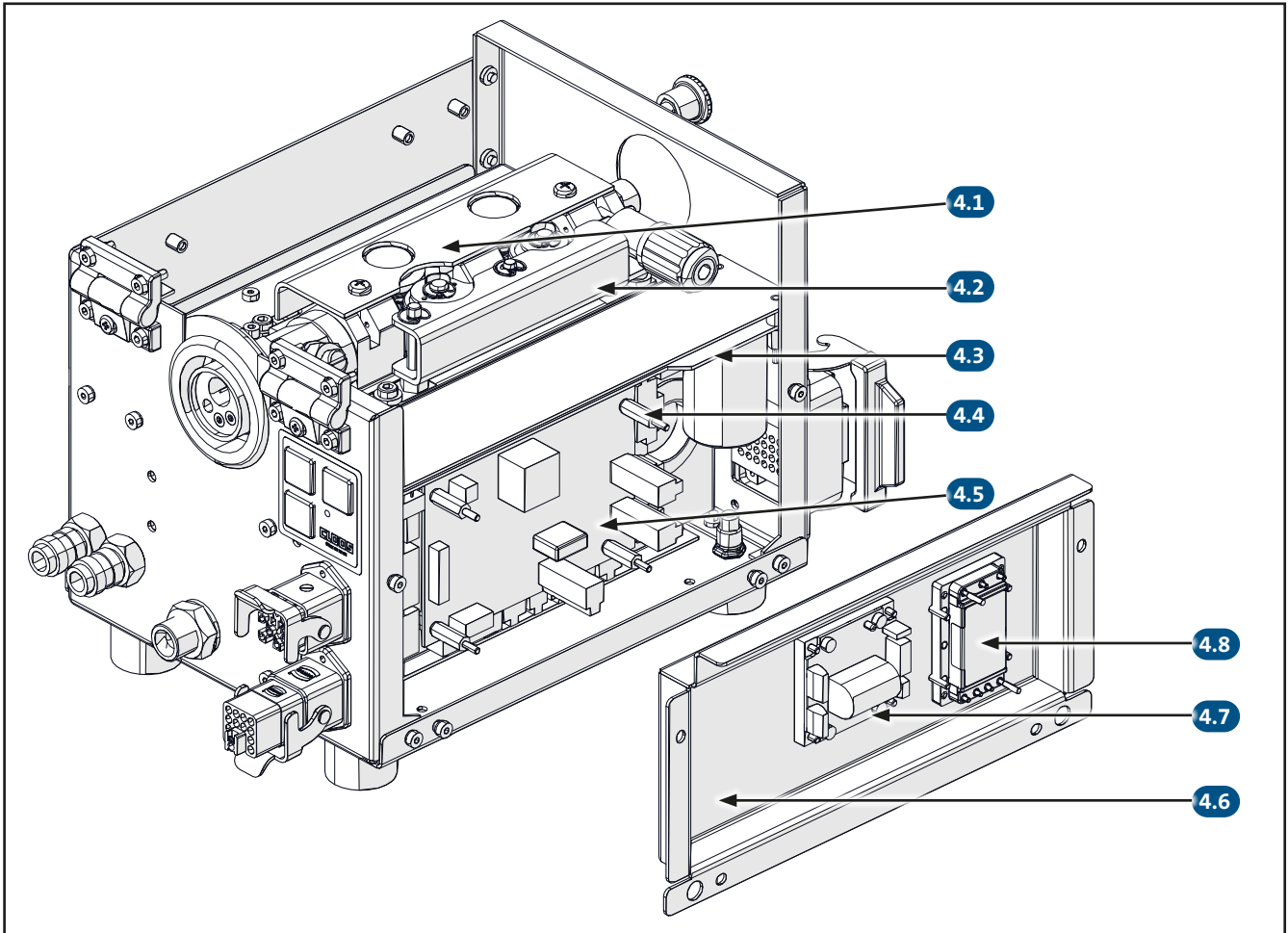
Item	Designation	Option	Application		Cooling		Part number	E/V *
			SZ	EURO	Water	Air		
2.1	QWD-AR side panel right CDD (illus.)						832 80 10 13	-
2.2	Mounted housing HAN6E						010 11 00 71	-
	Pin insert HAN24DD						010 09 13 16	-
2.3	Mini detent pin						000 02 06 00	-
2.4	Connection nipple "blow out"						048 01 00 16	-
	Lock washer						103 76 16 00	-
	Nut 3/9"						060 02 00 01	-
	Double nipple E-1/4-3/8 MS						032 07 01 34	-
2.5	Coupling NW5, female thread R1/4 - red				x	-	032 03 01 40	E
	Threaded connection, straight, Ø10 x a1/4"				x	-	032 07 20 07	-
2.6	Plug nipple G1/4 inside NW 5				x	-	049 01 03 54	E
	Threaded connection, straight, Ø10 x a1/4"				x	-	032 07 20 07	-
2.7	Plug nipple "gas"	without SD					032 03 00 39	E
	Plug nipple "gas" (0.85mm)	SD					032 03 00 49	E
2.8	Power connection M12x1.5 cpl.						073 03 27 50	E

E = Spare parts / V = Consumables



Item	Designation	Option	Application			Cooling		Part number	E/V*
			SZ	EURO	EURO HW	Water	Air		
3.1	Lock washer							103 76 16 00	-
	2/2-way solenoid valve							032 02 85 00	-
	L-connection QSL VO 1/4-8							032 07 00 08	-
3.2	GAS VALVE 24V DC (Qineo)							048 05 17 30	E
3.3	L-connection QSL-VO 1/8-8							032 07 00 94	-
3.4	Motor gear unit							024 14 28 70	-
3.5	Angular threaded connection, rotating 90° Ø10	DFM	x	x		x	-	032 07 20 04	-
3.6	Flow meter	DFM	x	x		x	-	016 07 08 00	E
	Opt. Flow meter cpl.	DFM	x	x		x	-	832 00 20 10	-
3.7	L-connection QSL-VO 1/8-8 (without illus.)		x	-	x	x	x	032 07 00 94	-
	OR valve type: OS-1/8 B (no illus.)		x	-	x	x	x	032 02 48 00	E
3.8	L plug connection QSL 8-H	SD						032 07 00 60	-
3.9	Gas flow sensor 0-50l/min	SD						016 07 09 00	-
	Connection cable 1m for sensor 016070900	SD						016 07 09 10	-

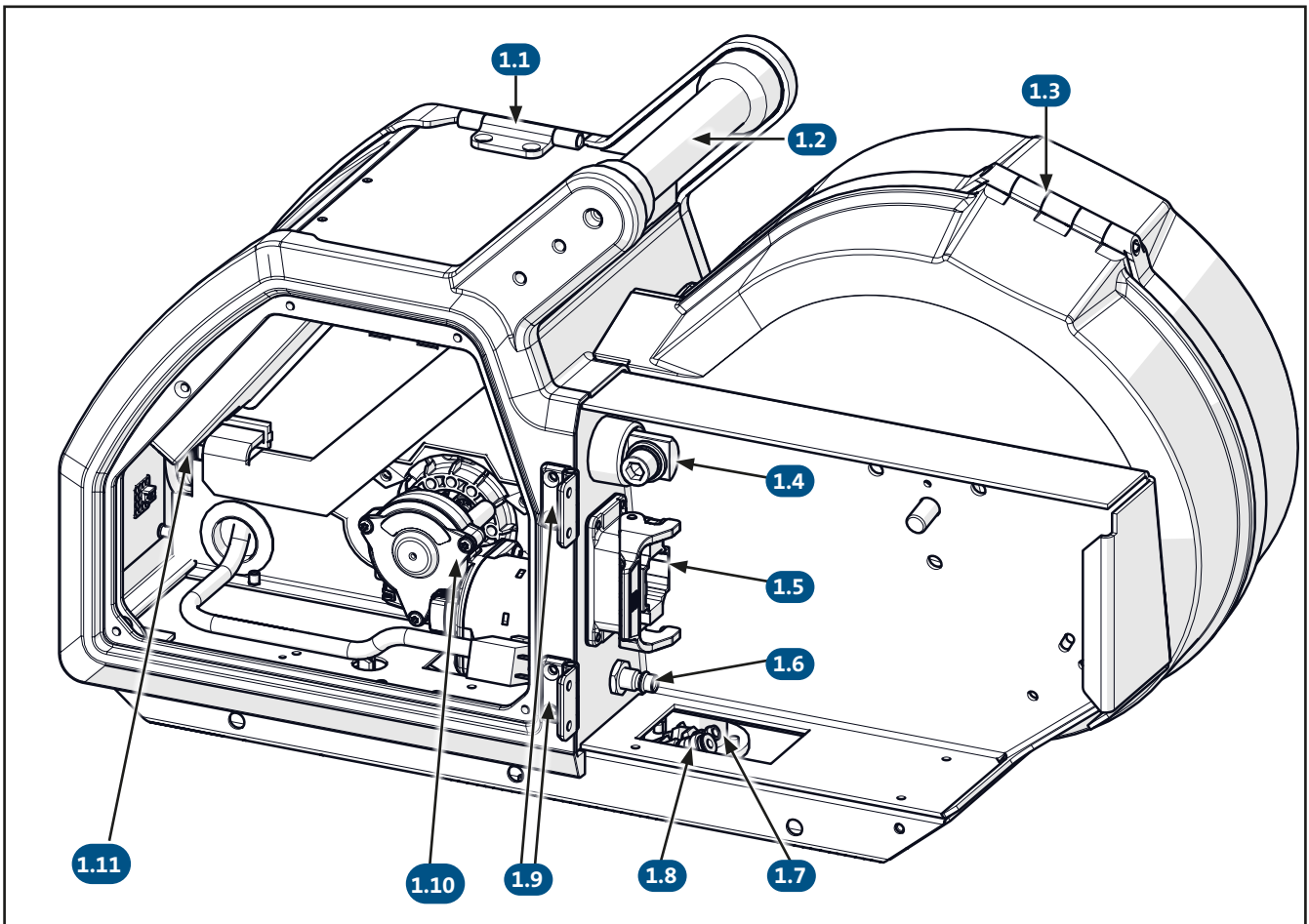
E = Spare parts / V = Consumables



Item	Designation	Option	Application		Cooling		Part number	E/V*
			SZ	EURO	Water	Air		
4.1	QN-WF-32 without encoder including motor						043 63 20 00	-
4.2	Pressure arm WF-32						043 63 00 15	-
	Pressure arm WF-32 with encoder	SD					043 63 00 20	-
4.3	QWD-AR intermediate circuit board						033 33 43 00	-
	Rubber metal buffer M3 / Ø8 / height8 / length8 Spacer inside/inside M3; 10mm						049 01 49 20 049 01 49 12	- -
4.4	QWD-AR control						033 33 41 00	-
	Rubber metal buffer M3 / Ø8 / height8 / length8 Spacer inside/inside M3; 10mm						049 01 49 20 049 01 49 12	- -
4.5	QWD-AR, output stage						033 33 42 00	-
	Spacer inside/outside M3; 18.0mm Ready-made flat ribbon cable 16 pole/ 70mm						049 01 49 18 038 13 49 30	- -
4.6	QWD-AR side panel right						832 80 10 13	-
4.7	QWD-AR, output stage "EC motor"						024 14 28 80	-
4.8	DC/DC converter 43-105V/24V, 150W,QWD-AR						033 25 28 50	-

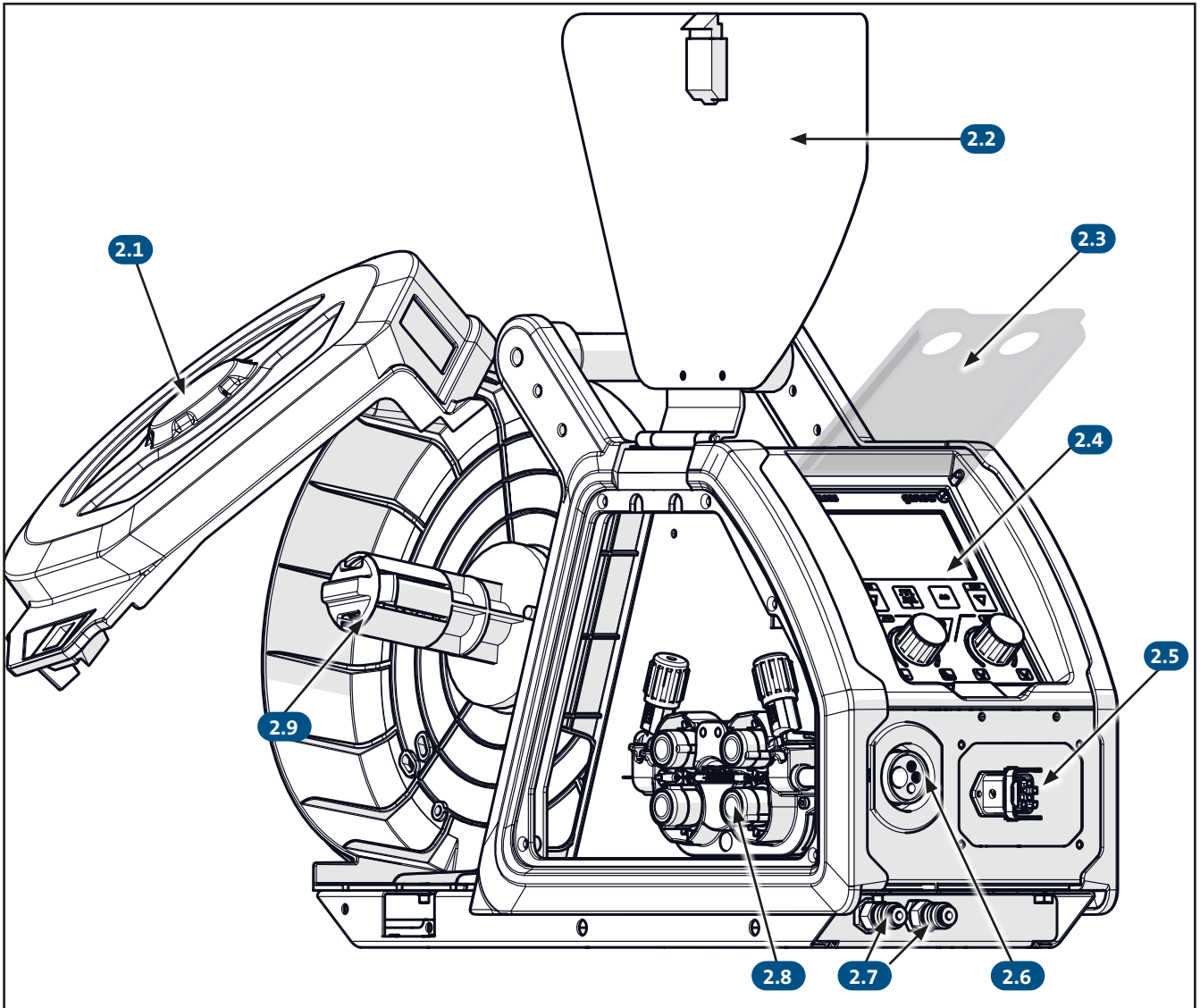
E = Spare parts / V = Consumables

QWD "P5" wire drive unit



Item	Designation	Option	Application		Cooling		Part number	E/V *
			SZ	EURO	Water	Air		
1.1	Cover hinge - top						890 20 10 31	E
	Cover hinge - side part						890 20 10 32	E
1.2	Handle						890 20 10 33	E
1.3	Cylinder screw M4x90 DIN912						102 20 40 90	-
1.4	Welding current connection cpl.						073 03 27 55	-
1.5	Mounted housing HAN 6 flat						010 11 00 71	-
	Plug insert 24 pole						010 09 13 16	-
1.6	Plug nipple 2.0 for gas valve						032 03 00 39	-
	Throttle insert						032 03 00 79	-
	Gas valve 24V cpl.						048 05 17 30	-
	Flow meter	Flow meter					016 07 08 50	V
1.7	Plug nipple NW5						032 03 01 05	E
1.8	Locking coupling NW5 red						032 03 01 79	E
1.9	Hinge						097 03 05 13	V
1.10	Motor						024 14 41 00	V
1.11	Intermediate circuit board (no illus.)	only QINEO PRO					033 33 50 00	E

E = Spare parts / V = Consumables

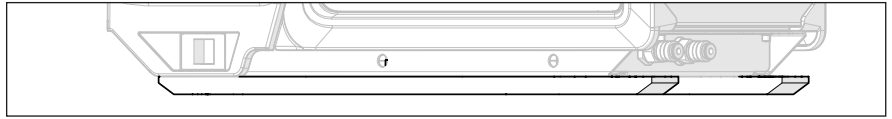


Item	Designation	Option	Application		Cooling		Part number	E/V *
			SZ	EURO	Water	Air		
2.1	Wire coil cover						890 20 11 26	-
2.2	Side panel, right						890 20 10 08	-
2.3	Protective shield	Protective shield					890 20 10 16	E
2.4	see "Bedienmodule" on page 18 Optional dummy panel	RPU					890 20 10 19	-
2.5	Mounted housing HAN3A	RC, RC torch					010 09 25 10	-
	Protective cover						010 09 25 06	-
	Socket insert 12 pole						010 09 25 15	E
2.6	Central connection Euro II						043 62 01 11	-
2.7	Locking coupling NW5 red						032 03 01 79	V
	Locking coupling NW5 blue						032 03 01 78	V
2.8	QN-WF-64-I without motor						043 67 90 00	E
2.9	Coil holder complete						047 12 00 00	E
	Brake disk A21 DIN125 PVC						047 06 06 10	V

E = Spare parts / V = Consumables

Wire drive unit QWD "P5" - Options and accessories

Runners complete 0890201100



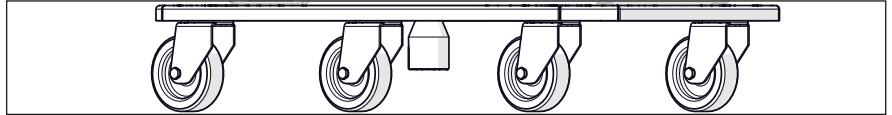
Single runner: 0890201101

Rubber feet complete 0890201400



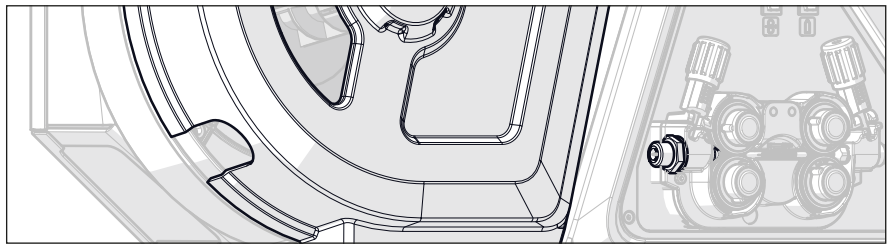
Single rubber buffer: 0049040401

Wheels complete 0890201200



Single guide roller: 0049060018

Equipment for wire drum complete 0890201300

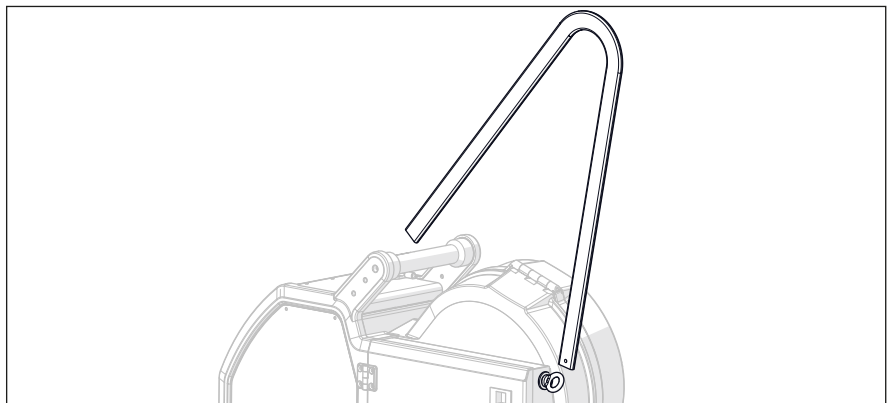


Single wire coil cover: 0890201127

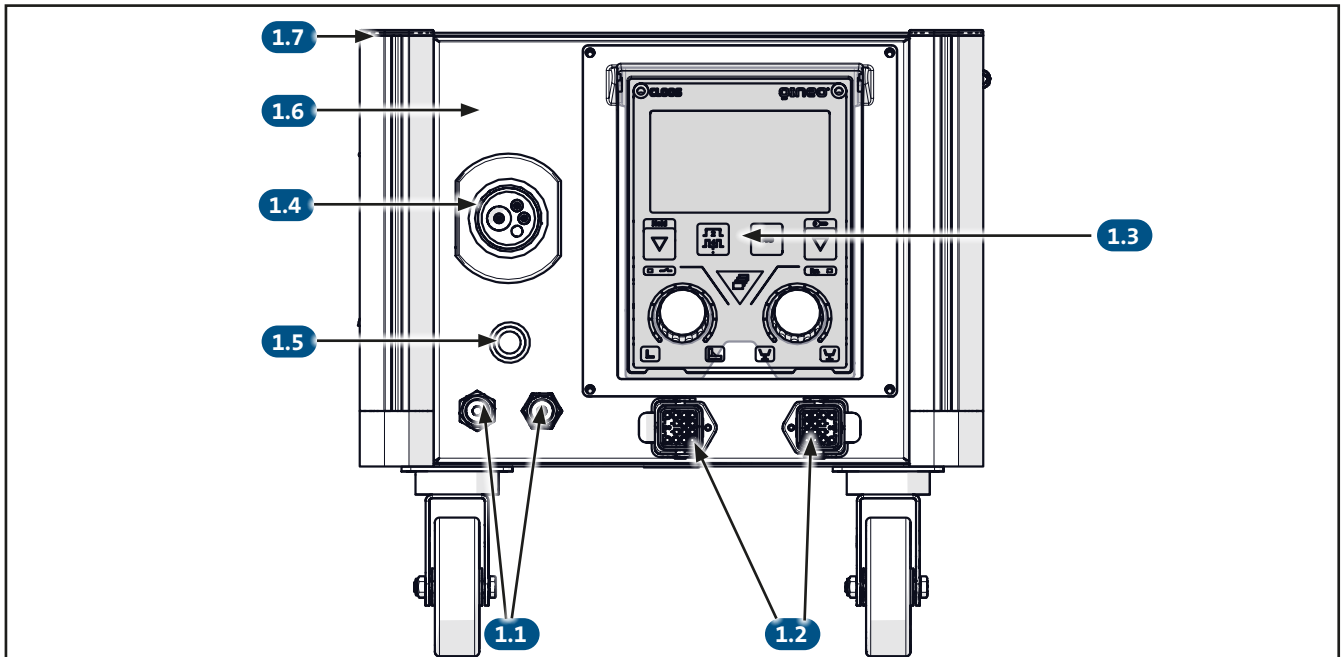
Consumable Connection for wire drum

Designation	i∅	Thread	Note	Part number
QWD-FSE connection	2.0	3/8"	for steel wires / included in 0890201300 as standard	0048010048
HD 3/8 connection	3.5	3/8"	for soft wires	0048010017
HD 3/8 connection	5.1	3/8"	for liners	0048010015
HD 1/4 connection	2.0	1/4"	for Rolliner - steel wires	0048010038
HD 1/4 connection	2.0	1/4"	for Rolliner - soft wires	0048010039

Equipment for crane suspension complete 0830001700

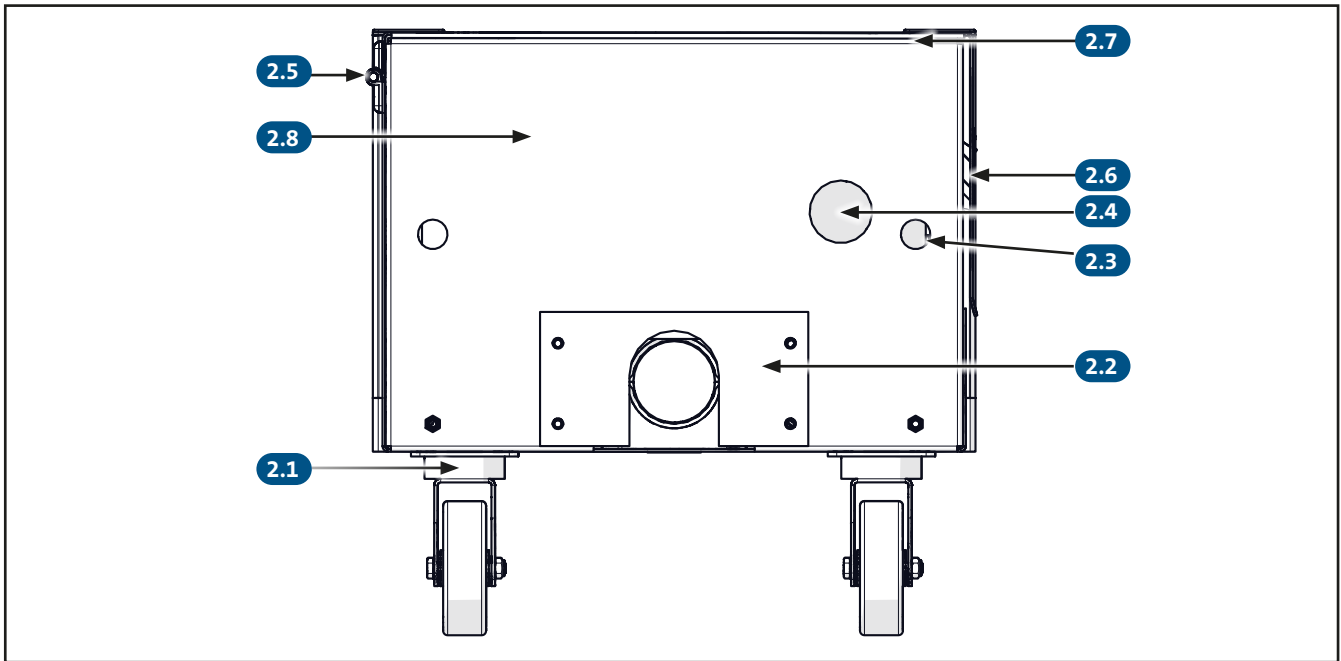


QWD "M5" wire drive unit



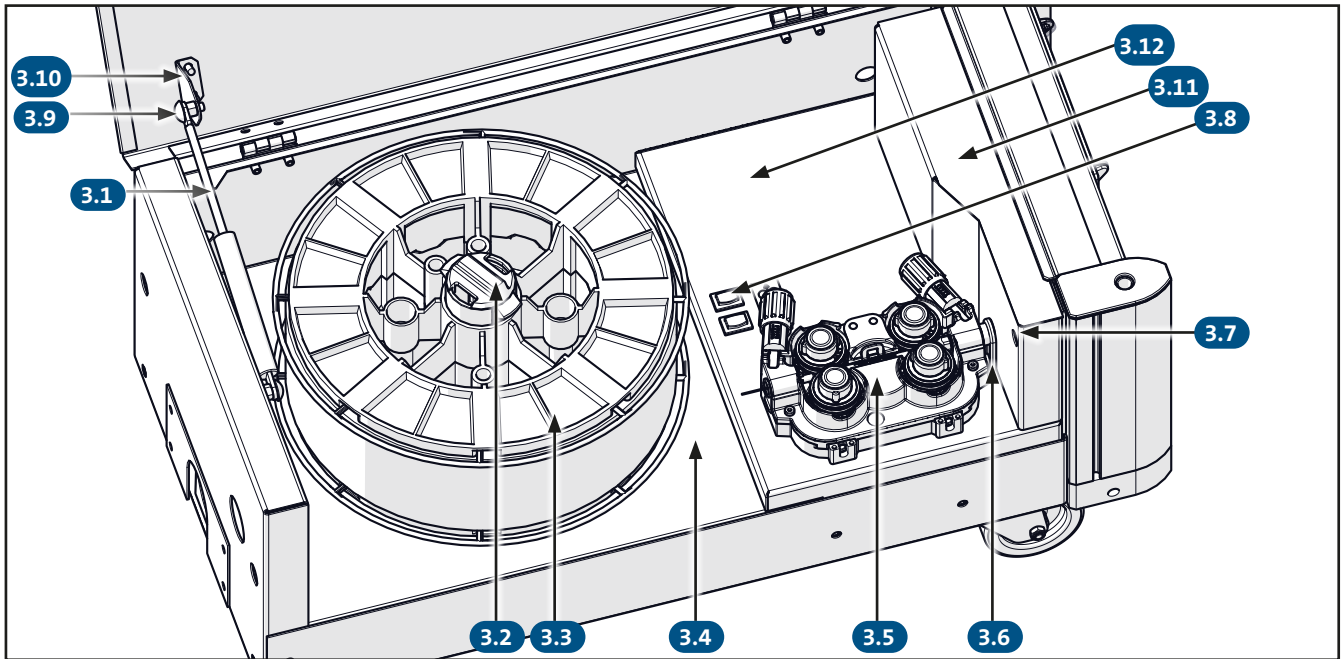
Item	Designation	Option	Application		Cooling		Part number	E/V *
			SZ	EURO	Water	Air		
1.1	Locking coupling nominal width 5 - red				x	-	032 03 01 79	V
	Locking coupling nominal width 5 - blue				x	-	032 03 01 78	V
1.2	Mounted housing HAN 3A						010 09 25 10	-
	Protective cover						010 09 25 06	-
	Socket insert 12 pole						010 09 25 15	-
1.3	QINEO, Master Compact operating module complete	MasterCompact					831 00 41 30	E
	QINEO, dummy panel operating module	RPU					890 20 10 19	-
	Protective shield	Protective shield					890 20 10 16	E
1.4	Central connection - SZ	SZ	x				043 62 00 40	-
	Central connection - EURO	EURO		x			043 62 00 90	-
1.5	Connector socket - SZ	SZ	x				010 03 03 00	E
1.6	Front wall						890 25 10 09	-
1.7	Profile cover						830 00 00 74	-

E = Spare parts / V = Consumables



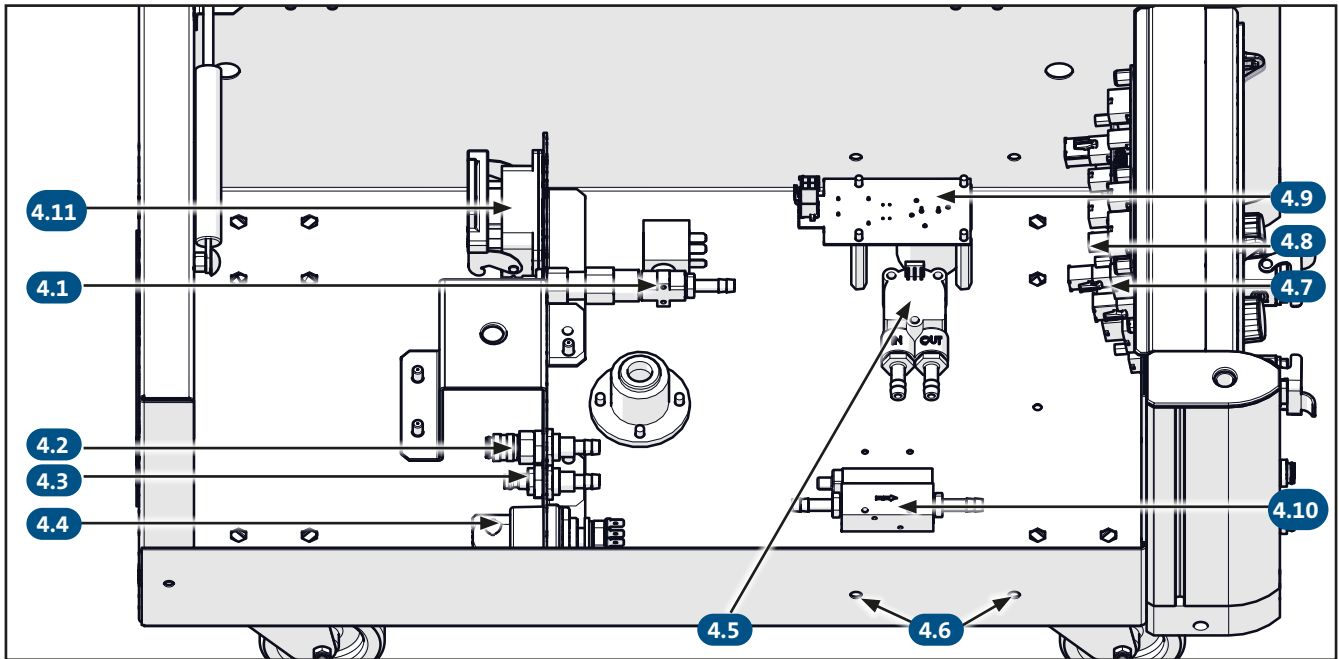
Item	Designation	Option	Application		Cooling		Part number	E/V *
			SZ	EURO	Water	Air		
2.1	Guide roller galvanised ϕ 75mm						049 06 00 18	E
2.2	Cover plate						890 25 10 08	-
2.3	Rubber bushing OD 45mm						035 01 00 13	-
2.4	Cap						097 01 01 77	-
2.5	Hinge						097 03 05 13	E
2.6	Handle						890 25 10 15	-
2.7	Lid						890 25 10 02	-
2.8	Housing jacket						890 25 11 01	-

E = Spare parts / V = Consumables



Item	Designation	Option	Application		Cooling		Part number	E/V *
			SZ	EURO	Water	Air		
3.1	Gas pressure spring						890 25 10 50	V
	Retaining bolt						645 26 20 13	-
3.2	Coil holder complete						047 12 00 00	E
	Brake disk A21 DIN125 PVC						047 06 06 10	V
3.3	Adapter for coil holder						047 06 05 02	-
3.4	Cover plate						890 25 10 06	-
3.5	QN-WF-64 without motor						043 67 10 00	E
	Wire drive motor						024 14 41 00	V
The spare parts list of the wire feed unit is in a separate chapter								
3.6	Long hole sleeve 50x16						0097010106	-
3.7	Dummy plug, black, diameter 11 mm						0097010144	-
3.8	Push-button						008 01 00 32	E
3.9	Cap for retaining bolt						049 01 04 07	E
3.10	Angle						890 25 10 05	-
3.11	Cover for controller						890 25 10 25	-
3.12	Motor cover						890 25 10 20	-

E = Spare parts / V = Consumables




Item	Designation	Option	Application		Cooling		Part number	E/V*
			SZ	EURO	Water	Air		
4.1	Gas valve cpl.						048 05 17 30	E
	Plug nipple 2.0 for gas valve						032 03 00 39	-
	Throttle nipple G3/8, G1/4 (gas retaining unit)						048 05 15 25	-
	PVC hose, glass clear, 6 x 3mm						040 00 23 00	-
4.2	Locking coupling nominal width 5 - red						032 03 01 79	V
4.3	Plug nipple nominal width 5						032 03 01 05	-
4.4	Welding current connection						073 03 27 85	-
4.5	Optional coolant flow meter cpl.	DFM			x	-	890 25 20 25	-
	Single flow meter				x	-	016 07 08 00	V
	Hose connector				x	-	032 03 00 97	-
	Sealing ring				x	-	032 03 00 29	-
	Circlip				x	-	042 02 00 15	-
	Hose Ø8.2mm black				x	-	0040020100	-
4.6	Hexagon socket screw M6x12 self-locking						104 16 60 12	-
4.7	Controller						033 33 51 00	E
4.8	Optional board sensors	SD					033 33 52 00	E
4.9	Intermediate circuit board	QINEO Pro					033 33 50 00	E
4.10	Installation kit airflow sensor for weld data monitoring	SD					016 07 09 00	E
4.11	Mounted housing HAN 6 flat for socket						010 11 00 71	-
	Pin 24 pole HAN 24 DD						010 09 13 16	-
	Crimp contact pin 0.5mm ²						010 09 18 04	-

E = Spare parts / V = Consumables

QN-WF-22 Wire feed unit

Suitable for QWD "M3"/"M4", "P3", "TWIN Drive3"

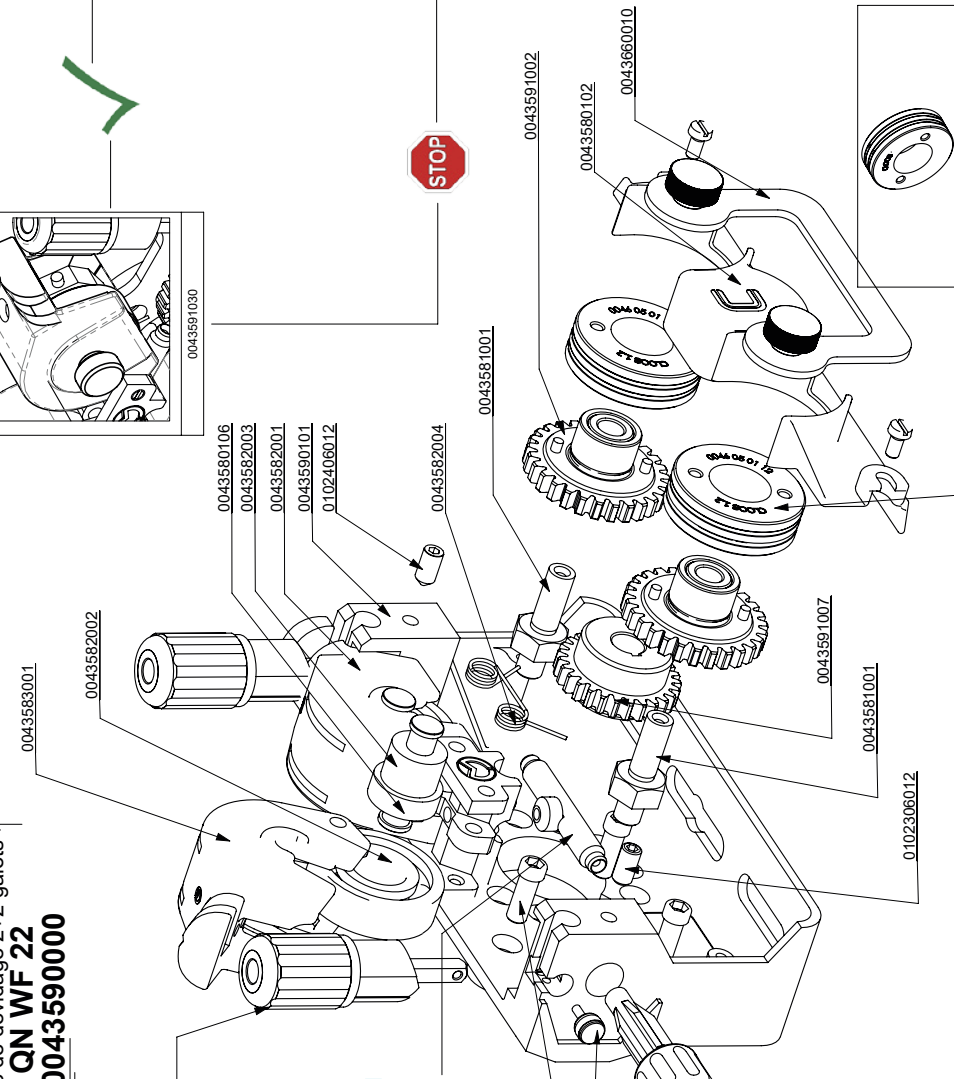


2+2 Rollentrieb

2+2 roller drive
Système de dévidage 2+2 galets

QN WF 22

0043590000

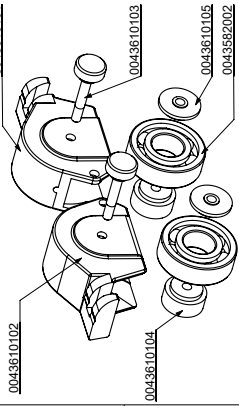


Druckarm für SD Überwachung
pressure arm for SD monitoring
Braz de pression pour surveillance SD
optional / en option

0043591030

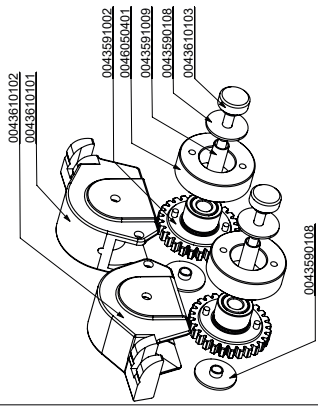
STOP

Umrüstbausatz HD
Kit de modification HD



0043610102 0043610104 0043610105 0043610103

Umrüstbausatz 4 Rollenantrieb
retrofit kit 4 roller drive
Kit de modification système de dévidage 4 galets



0043610102 0043610101 0043591002 0046050401 0043591009 0043590108 0043610103

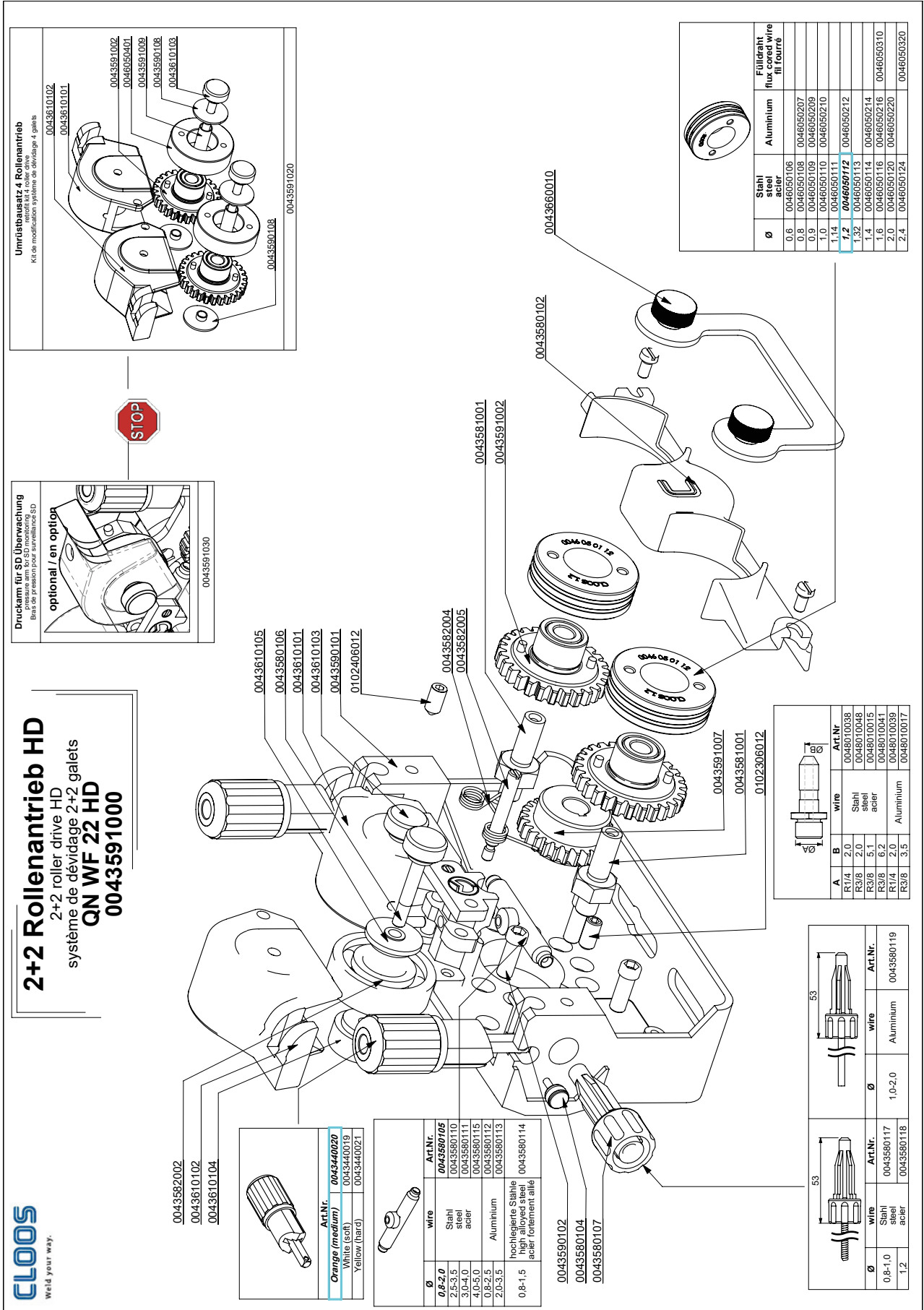
Ø	Stahl steel acier	Aluminium	Fülldraht flux cored wire fil fourré
0.6	0046050106		
0.8	0046050108	0046050207	
0.9	0046050109	0046050209	
1.0	0046050110	0046050210	
1.14	0046050111		
1.2	0046050112	0046050212	
1.32	0046050113		
1.4	0046050114	0046050214	
1.6	0046050116	0046050216	0046050310
2.0	0046050120	0046050220	
2.4	0046050124		0046050320

A	B	wire	Art.Nr.
R1/4	2.0	Stahl steel acier	00480T0038
R3/8	2.0	Stahl steel acier	00480T0048
R3/8	5.1	Stahl steel acier	00480T0015
R3/8	6.2	Stahl steel acier	00480T0041
R1/4	2.0	Aluminium	00480T0039
R3/8	3-5	Aluminium	00480T0017

Ø	wire	Art.Nr.
0.8-1.0	Stahl steel acier	0043580117
1.0-2.0	Aluminium	0043580119

Ø	wire	Art.Nr.
0.8-2.0	Stahl steel acier	0043580105
2.5-3.5	Stahl steel acier	0043580110
3.0-4.0	Stahl steel acier	0043580111
4.0-5.0	Stahl steel acier	0043580115
0.8-2.5	Aluminium	0043580112
2.0-3.5	Aluminium	0043580113
0.8-1.5	Hochlegierte Stähle high alloyed steel acier fortement allié	0043580114

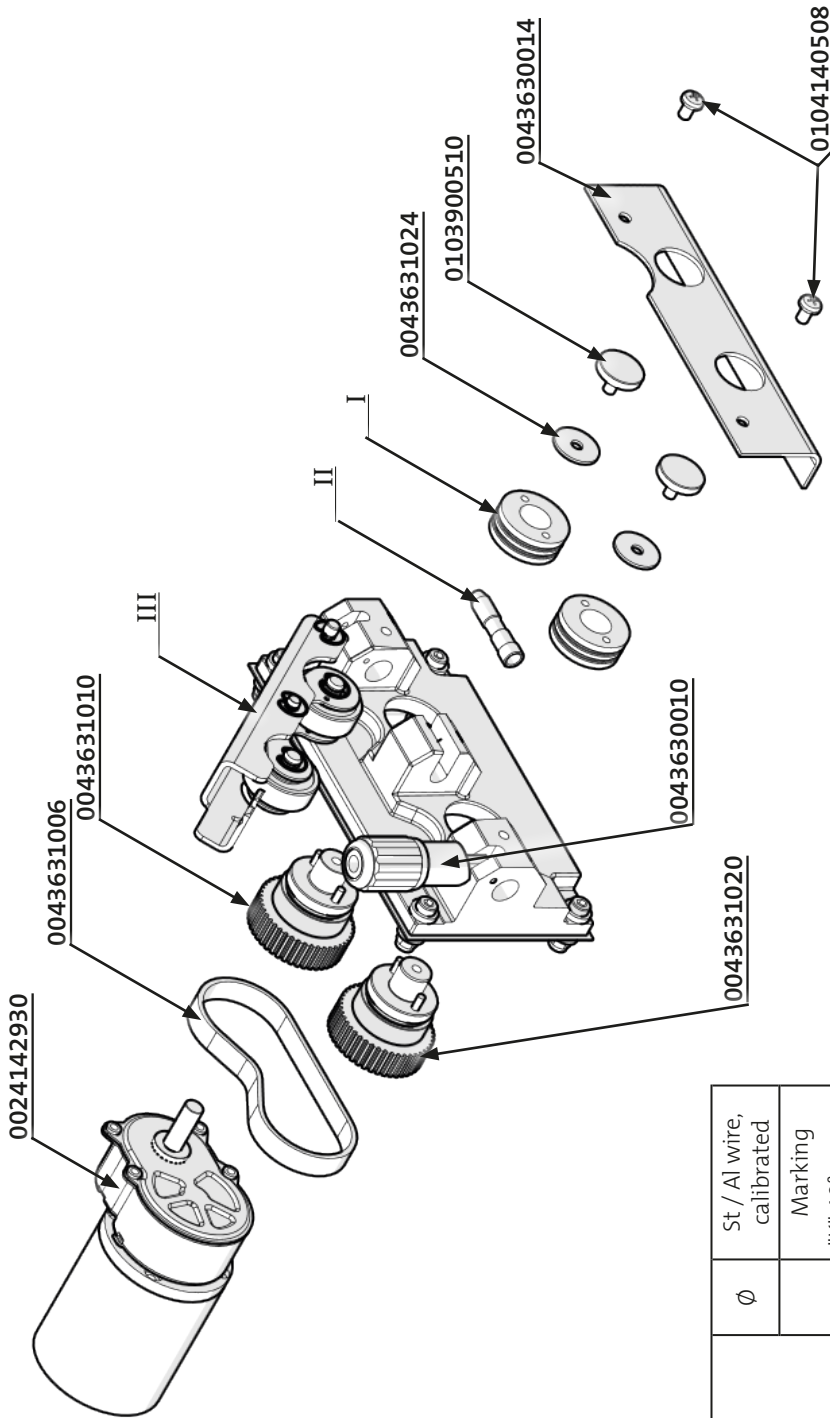
QN-WF-22-HD Wire feed unit
Suitable for QWD "A3"/"A4"



QN-WF-32 Wire feed unit
Suitable for QWD "AR"



Weld your way.



I	Ø	St / Al wire, calibrated
		Marking "K" 40° groove
	0.60	
	0.80	0046032608
	0.90	0046032609
	1.0	0046032610
	1.14	
	1.20	0046032612 46033012 (60°)
	1.32	0046032613
	1.40	0046032614
1.60	0046032616	

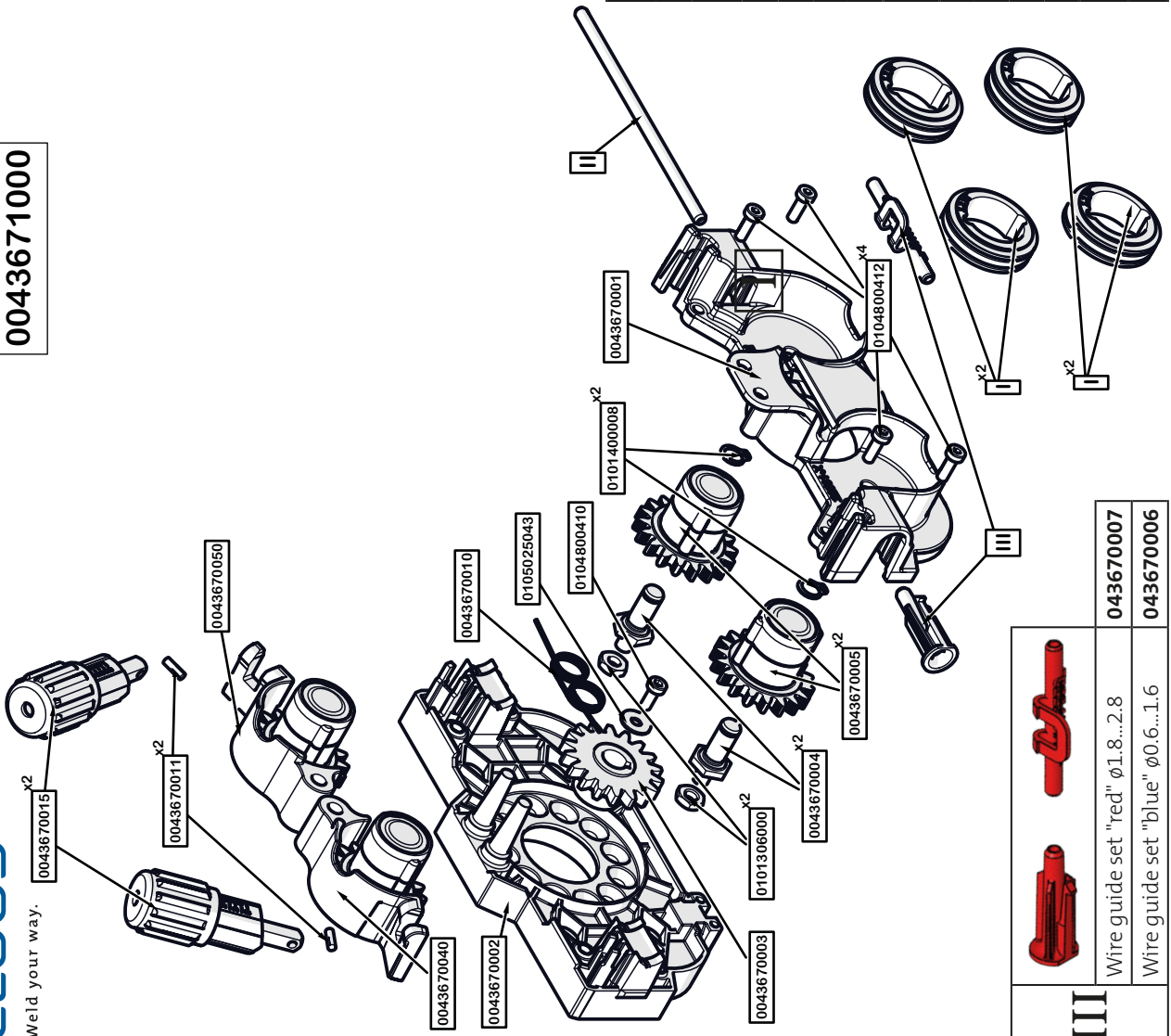
II	Brass		0043630005
	Plastic		0043630006
III	without SD		0043630015
	with SD		0043630020

QN-WF-64 Wire feed unit
 Suitable for QWD "P5", "M5"

QN WF 64
0043671000

CLOOS

Weld your way.



I	Material	Groove	Part number
0.8	Hard wire	V 70°	046080008
0.9	Hard wire	V 70°	046080009
1.0	Hard wire	V 60°	046080010
1.1	Hard wire	V 60°	046080011
1.2	Hard wire	V 60°	046080012
1.4	Hard wire	V 60°	046080014
1.6	Hard wire	V 60°	046080016
0.8	Soft wire	U	046080108
1.0	Soft wire	U	046080110
1.2	Soft wire	U	046080112
1.6	Soft wire	U	046080116
2.0	Soft wire	U	046080120
0.9/1.1	Flux-cored wire	knurled	046080211
1.0/1.2	Flux-cored wire	knurled	046080212
1.4/1.6	Flux-cored wire	knurled	046080216
2.0/2.4	Flux-cored wire	knurled	046080224

Wire feed pipe EURO 112 mm			Part number
Inside diameter	Material	Wire	
2.0 mm	Steel	0.6...1.6	043620125
2.5 mm	Steel	1.8...2.4	043620126
2.0 mm	Alu/VA	0.6...1.6	043620028
2.5 mm	Alu/VA	1.8...2.4	043620029
Clamping nut			
Nominal width 4,0 mm for SZ			043620140
Nominal width 4,7 mm for SZ			043620141
Nominal width 5,0 mm for SZ / EURO			043620142
O-ring			110050200

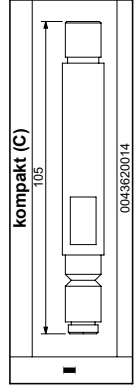
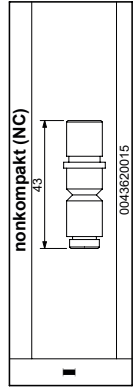
III	Part number
Wire guide set "red" φ1.8...2.8	043670007
Wire guide set "blue" φ0.6...1.6	043670006

Wire guide Cloos SZ

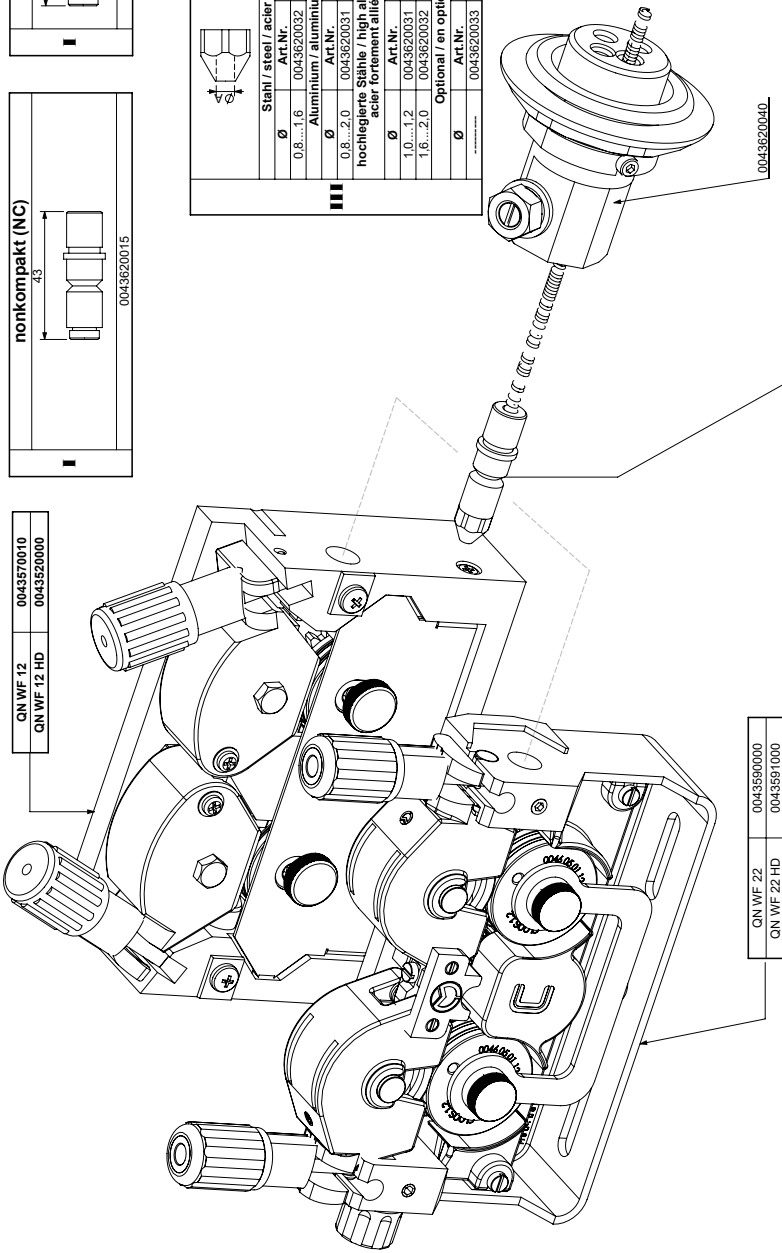
Suitable for QN-WF-12 / QN-WF-12-HD / QN-WF-22 / QN-WF-22-HD



QN WF 12 0043570010
QN WF 12 HD 0043520000

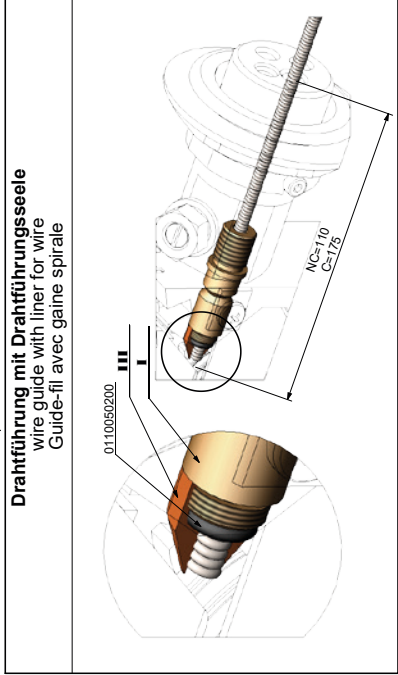


Stahl / steel / acier / St.	Art.Nr.	A
0.8...1.6	0043620032	4.8
Aluminium / aluminium / Al		
Art.Nr.	A	
0.8...2.0	0043620031	4.1
hochlegierte Stähle / high alloyed steel / acier forement alle / Hs		
Art.Nr.	A	
1.0...1.2	0043620031	4.1
1.6...2.0	0043620032	4.8
Optional / en option		
Art.Nr.	A	
0043620033	5.2	



QN WF 22 0043590000
QN WF 22 HD 0043591000

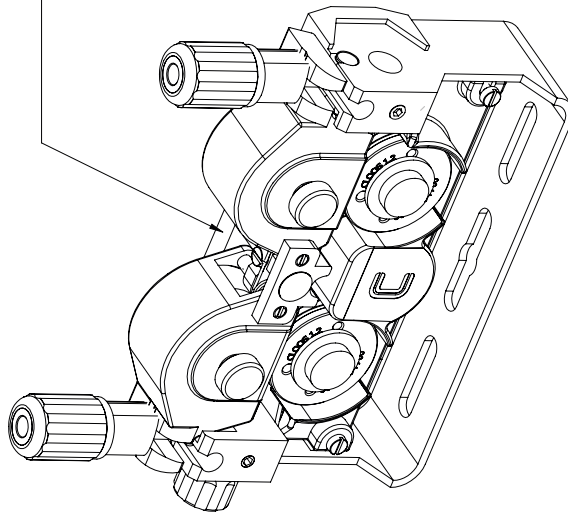
Drahtförderkomponenten Qineo
wire feeding parts Qineo
Composants de dévidage du fil Qineo
SZ



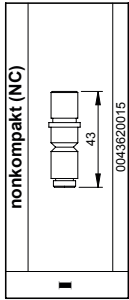
Drahtführung mit Drahtführungsseele
wire guide with liner for wire
Guide-fil avec gaine spirale

Wire guide Euro (QN-WF-22)

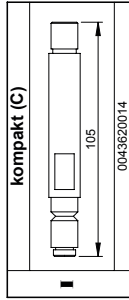
Suitable for QN-WF-22 / QN-WF-22-HD



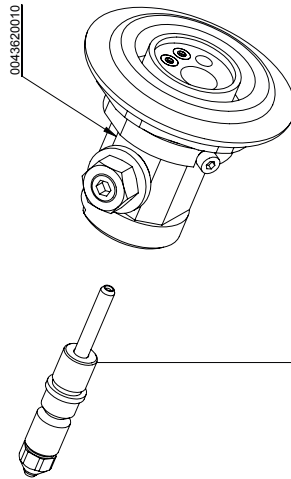
QN WF 22	0043590000
QN WF 22-HD	0043591000



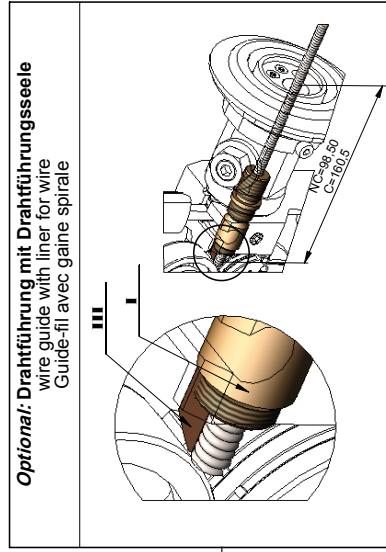
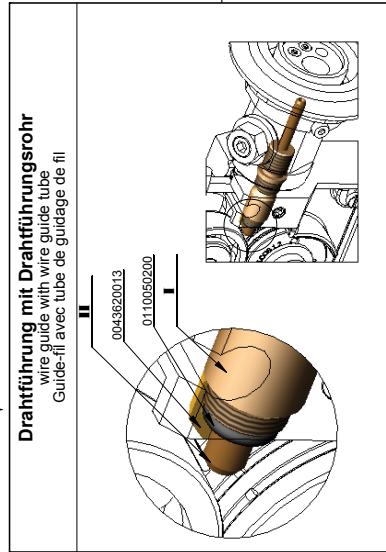
Stahl / steel / acier / St		A	B
Ø	Art.Nr.	76,5	2,0
	0043620042		
Aluminium / aluminum / Al			
Ø	Art.Nr.	76,5	2,5
	0043620043		
hochlegierte Stähle / high alloyed steel / acier fortement allié / Hs			
Ø	Art.Nr.	A	B
	0043620043	76,5	2,0
	0043620044	76,5	2,5



Stahl / steel / acier / St		A	B
Ø	Art.Nr.	143,5	2,0
	0043620046		
Aluminium / aluminum / Al			
Ø	Art.Nr.	143,5	2,5
	0043620047		
hochlegierte Stähle / high alloyed steel / acier fortement allié / Hs			
Ø	Art.Nr.	A	B
	0043620048	143,5	2,0
	0043620049	143,5	2,5



Stahl / steel / acier / St		A
Ø	Art.Nr.	4,8
	0043620032	
Aluminium / aluminum / Al		
Ø	Art.Nr.	4,1
	0043620031	
hochlegierte Stähle / high alloyed steel / acier fortement allié / Hs		
Ø	Art.Nr.	A
	0043620031	4,1
	0043620032	4,8
Optional / en option		
Ø	Art.Nr.	A
	0043620033	5,2

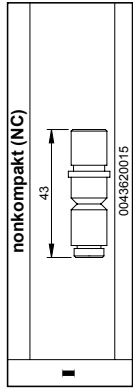


Drahtförderkomponenten Qineo
wire feeding parts Qineo
Composants de dévidage du fil Qineo
EURO

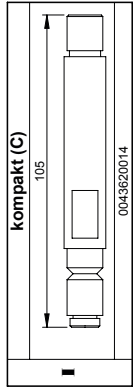
Wire guide Dinse

Suitable for QN-WF-12 / QN-WF-12-HD / QN-WF-22 / QN-WF-22-HD

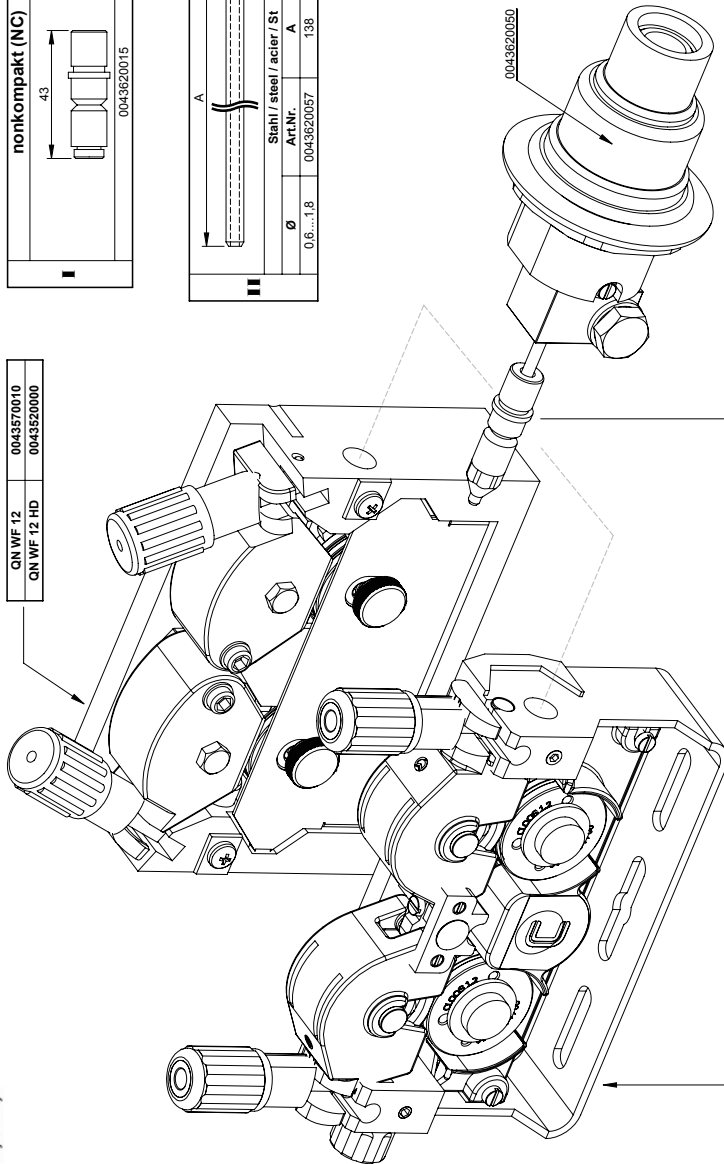
QN WF 12 0043570010
QN WF 12 HD 0043520000



nonkompakt (NC)	
0043620015	
43	
II	
ϕ	0.6...1.8
Art.Nr.	0043620057
Stahl / steel / acier / St	A
	138
	B
	2.0

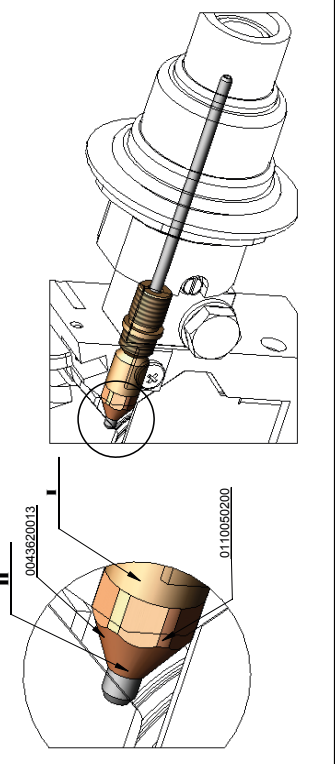


kompakt (C)	
0043620014	
105	
II	
ϕ	0.6...1.8
Art.Nr.	0043620058
Stahl / steel / acier / St	A
	200
	B
	2.0



QN WF 22 0043590000
QN WF 22 HD 0043591000

Drahtführung mit Drahtführungsrohr
wire guide with wire guide tube
Guide-fil avec tube de guidage de fil



Drahtförderkomponenten Qineo

wire feeding parts Qineo
Composants de dévidage du fil Qineo

Dinse

CM mit Wellrohr gas- oder wassergekühlt
(350A oder 450/600A) Beispiel - gasgekühlt

cable assembly with protective tube gas- or water-cooled
(350A or 450/600A) sample - gas-cooled

faisceau avec tube protecteur refroidi par gaz ou par eau
(350A ou 450/600A) exemple - refroidi par gaz

Steuerleitung/control line/ligne pilote

Gas/gas/gaz

Stromkabel/current cable/câble de courant

QINEO Next
QINEO Pro

CM mit Außenschlauch gas- oder wassergekühlt
(350A oder 450/600A) Beispiel - wassergekühlt

cable assembly with protective hose gas- or water-cooled
(350A or 450/600A) sample - water-cooled

faisceau avec gaine de protection refroidi par gaz ou par eau
(350A ou 450/600A) exemple - refroidi par gaz

Steuerleitung/control line/ligne pilote

Wasser vor/water advance/avance eau

Wasser zurück/water back/recul eau

Gas/gas/gaz

Stromkabel/current cable/câble de courant

QINEO Next
QINEO Pro

gasgekühlt - Wellrohr refroidi par gaz-tube de protection	350 A	450/600A	gasgekühlt - Wellrohr refroidi par gaz-tube de protection	350 A	450/600A	gasgekühlt - Außenschlauch refroidi par gaz-gaine de protection	350 A	450/600A	gasgekühlt - Außenschlauch refroidi par eau-gaine de protection	350A	450/600A
0651 80 01 80 CMG350-1,8T	0651 88 51 80 CMW600-1,8H	0651 91 01 80 CMG350-1,8H	0651 88 51 80 CMW600-1,8T	0651 88 01 80 CMG600-1,8H	0651 91 01 80 CMW350-1,8H	0651 88 51 80 CMW600-1,8H	0651 88 01 80 CMG600-1,8H	0651 91 51 80 CMW350-1,8H	0651 89 51 80 CMW600-1,8H	0651 91 51 80 CMW350-1,8H	0651 89 51 80 CMW600-1,8H
0651 90 05 00 CMG350-5,0T	0651 88 05 00 CMW600-5,0H	0651 91 05 00 CMG350-5,0H	0651 90 55 00 CMW600-5,0T	0651 89 05 00 CMG600-5,0H	0651 91 55 00 CMW350-5,0H	0651 88 55 00 CMW600-5,0H	0651 89 05 00 CMG600-5,0H	0651 91 55 00 CMW350-5,0H	0651 89 55 00 CMW600-5,0H	0651 91 55 00 CMW350-5,0H	0651 89 55 00 CMW600-5,0H
0651 90 10 00 CMG350-10,0T	0651 88 10 00 CMW600-10,0H	0651 91 10 00 CMG350-10,0H	0651 90 60 00 CMW350-10,0T	0651 88 60 00 CMW600-10,0H	0651 91 60 00 CMW350-10,0H	0651 88 60 00 CMW600-10,0H	0651 89 10 00 CMG600-10,0H	0651 91 60 00 CMW350-10,0H	0651 89 60 00 CMW600-10,0H	0651 91 60 00 CMW350-10,0H	0651 89 60 00 CMW600-10,0H

Freiteile DIN ISO 2768 mit Teil	Überflächen DIN ISO 1302	Maßstab 1:5	Gewicht 0
Bezeichnung DIN ISO 2768 Teil	Name HEINRICH	Reihen-Nr. D-35708 Halger	Modell- oder Ges.-Nr. cable assembly manual (CM)
CLOOS			
Schweißtechnik GmbH			
D-35708 Halger			
0651XXXXXX			
Blatt 3 von 5 Bl			

Parts list - VSP - CA Manual

Pos. QU	Designation	gas-cooled, corrugated tube		water-cooled, corrugated tube		gas-cooled, outer hose		water-cooled, outer hose	
		350A	450/600A	350A	450/600A	350A	450/600A	350A	450/600A
	No. CMxx 1.8m type	0651900180 CMG351-1.8T	0651880180 CMG601-1.8T	0651905180 CMW351-1.8T	0651885180 CMW601-1.8T	0651910180 CMG351-1.8H	0651890180 CMG601-1.8H	0651915180 CMW351-1.8H	0651895180 CMW601-1.8H
	No. CMxx 5m type	0651900500 CMG351-5.0T	0651880500 CMG601-5.0T	0651905500 CMW351-5.0T	0651885500 CMW601-5.0T	0651910500 CMG351-5.0H	0651890500 CMG601-5.0H	0651915500 CMW351-5.0H	0651895500 CMW601-5.0H
	No. CMxx 10m type	0651901000 CMG351-10.0T	0651881000 CMG601-10.0T	0651906000 CMW351-10.0T	0651886000 CMW601-10.0T	0651911000 CMG351-10.0H	0651891000 CMG601-10.0H	0651916000 CMW351-10.0H	0651896000 CMW601-10.0H
	Designation	CMxx nominal length							
1	"Corrugated tube p.m.	0040071000	0040071000	0040070000	0040070000	0040060800	0040060800	0040060800	0040062300
2	Outer hose p.m."	0040071080	0040071070	0040070080	0040070070	0040071080	0040070070	0040070080	0040070070
3	Cable star	0040072010	0040072010	0040072015	0040072015	0040060845	0040060845	0040062350	0040062350
4	Clamp	0	0	0	0	0040060846	0040060846	0040062351	0040062351
5	Clamping ring	0	0	0040075000	0040075000	0	0	0040075000	0040075000
6	Corrugated tube ø12 p.m.	0038030400	0038030500	0038030400	0038030500	0038030400	0038030500	0038030400	0038030500
7	Power cable p.m.	0034060003	0034060003	0034060003	0034060003	0034060003	0034060003	0034060003	0034060003
8	Tube crimping lug	0073031100	0073031100	0073031100	0073031100	0073031100	0073031100	0073031100	0073031100
9	Welding cable plug 70-95mm²	0040030200	0040030200	0040030200	0040030200	0040030200	0040030200	0040030200	0040030200
9	TRIX gas hose	0040020100	0040020100	0040020100	0040020100	0040020100	0040020100	0040020100	0040020100
10	PVC hose ø8.2mm black	0042020015	0042020015	0042020015	0042020015	0042020015	0042020015	0042020015	0042020015
11	Circlip 13.8	0060040001	0060040001	0060040001	0060040001	0060040001	0060040001	0060040001	0060040001
11	Union nut R3/8	0060010003	0060010003	0060010003	0060010003	0060010003	0060010003	0060010003	0060010003
12	Hose connector, small	0060010044	0060010044	0060010044	0060010044	0060010044	0060010044	0060010044	0060010044
12	Hose connector, big	0	0	0040011800	0040011800	0	0	0040011800	0040011800
13	PVC hose, red Ø7x1.5mm	0	0	0042020014	0042020014	0	0	0042020014	0042020014
14	Circlip 11.8	0	0	0032030076	0032030076	0	0	0032030076	0032030076
15	Plug nipple NW5	0	0	0040011700	0040011700	0	0	0040011700	0040011700
16	PVC hose, blue Ø7x1.5mm	0038141220	0038141220	0038141220	0038141220	0038141220	0038141220	0038141220	0038141220
17	LIVCY cable (TP) 8x2x0.5 p.m.	0010091320	0010091320	0010091320	0010091320	0010091320	0010091320	0010091320	0010091320
18	Sleeve housing straight HAN24DD	0010091315	0010091315	0010091315	0010091315	0010091315	0010091315	0010091315	0010091315
19	Bushing part 24 pole HAN 24 DD	0035036100	0035036100	0035036100	0035036100	0035036100	0035036100	0035036100	0035036100
20	Cable screw connection M25	0010091316	0010091316	0010091316	0010091316	0010091316	0010091316	0010091316	0010091316
21	Pin 24 pole HAN 24 DD	0102206035	0102206035	0102206035	0102206035	0	0	0	0
22	Cylinder screw M6x35, DIN 912	0010091830	0010091830	0010091830	0010091830	0010091830	0010091830	0010091830	0010091830
23	Crimp contact bushing 0.5mm²	0010091804	0010091804	0010091804	0010091804	0010091804	0010091804	0010091804	0010091804
24	Crimp contact pin 0.5mm²	0032030038	0032030038	0032030038	0032030038	0032030038	0032030038	0032030038	0032030038
25	Quick coupling NW 7.2	0032030033	0032030033	0032030033	0032030033	0032030033	0032030033	0032030033	0032030033
	Quick coupling NW 7.2 8mm brass	0833581150	0833581150	0833581150	0833581150	0833581150	0833581150	0833581150	0833581150
27	Qineo cover power connection	0	0	0032030077	0032030077	0	0	0032030077	0032030077
29	Seal coupling for hose D=8	0	0	0032030077	0032030077	0	0	0032030077	0032030077

CA mit Wellrohr gas- oder wassergekühlt

Beispiel -> gasgekühlt

cable assembly with protective tube gas- or water-cooled
sample -> gas-cooled
faisceau avec tube protecteur refroidi par gaz ou par eau
exemple - refroidi par gaz

Steuerleitung/control line/ligne pilote

Gas/gas/gaz

Stromkabel/current cable/câble de courant

Nennlänge/nominal length/langueur nominale

CA mit Außenschlauch gas- oder wassergekühlt

Beispiel -> wassergekühlt

cable assembly with protective hose gas- or water-cooled
sample -> water-cooled; option: for cable drag chain
faisceau avec gaine de protection refroidi par gaz ou par eau
exemple -> refroidi par gaz; option: pour treuil à câble

Steuerleitung/control line/ligne pilote

Wasser vor/water advance/avance eau

Wasser zurück/water back/recul eau

Gas/gas/gaz

Stromkabel/current cable/câble de courant

Nennlänge/nominal length/langueur nominale

WIREDRIVE (QWD-A)

Qineo Next
Qineo Pro

1 2 3 4 6 7 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

1 2 3 4 6 7 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

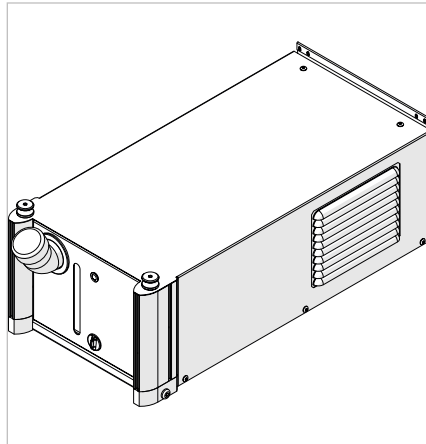
gaskühlt - Wellrohr refroidi par gaz - tube de protection	wassergekühlt - Wellrohr refroidi par eau - tube de protection	wassergekühlt - Außenschlauch refroidi par gaz - gaine de protection	wassergekühlt - Außenschlauch refroidi par eau - gaine de protection	gaskühlt - Außenschlauch refroidi par gaz - gaine de protection	gaskühlt - Außenschlauch refroidi par eau - gaine de protection	wassergekühlt - Wellrohr refroidi par eau - tube de protection	wassergekühlt - Wellrohr refroidi par gaz - tube de protection
0651 92 01 00 CAG601-1,0T	0651 92 51 00 CAG601-1,0H	0651 93 01 00 CAG601-1,0H	0651 93 51 00 CAG601-1,0H	0651 93 01 00 CAG601-1,0H	0651 93 51 00 CAG601-1,0H	0651 92 01 00 CAG601-1,0T	0651 92 51 00 CAG601-1,0H
0651 92 05 00 CAG601-5,0T	0651 92 55 00 CAG601-5,0H	0651 94 05 00 CAG601-5,0D	0651 94 55 00 CAG601-5,0D	0651 94 05 00 CAG601-5,0D	0651 94 55 00 CAG601-5,0D	0651 92 05 00 CAG601-5,0T	0651 92 55 00 CAG601-5,0H
0651 92 10 00 CAG601-10,0T	0651 92 60 00 CAG601-10,0H	0651 94 10 00 CAG601-10,0D	0651 94 60 00 CAG601-10,0D	0651 94 10 00 CAG601-10,0D	0651 94 60 00 CAG601-10,0D	0651 92 10 00 CAG601-10,0T	0651 92 60 00 CAG601-10,0H

Finisgröße DIN ISO 2768	Oberflächen Maßstab 1:5	Gewicht	0
Reihen-Nr. mit Teil	DIN ISO 1302		
Name	Model l- oder - gas eh- nr.		
Datum			
Bearbeitet 02.08.2019	HE.BR/CH		
Geprüft 13.08.2019	HE.BR/CH		
cloos			
Schweißtechnik GmbH			
D-35708 Halter			
Ersatzteilzeichnung			
0651XXXXXX			
Bl			
V07			

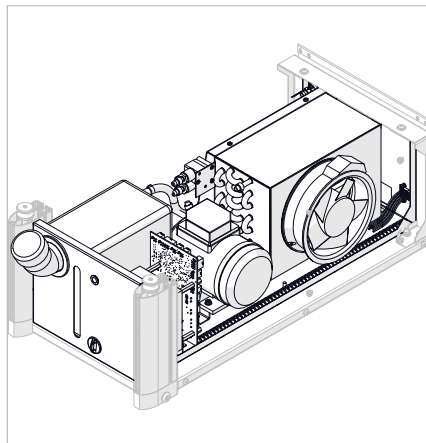
Parts list - VSP - CA Automation

Item	QU	Designation	Dimension	with corrugated tube		with outer hose		with outer hose		with corrugated tube					
				gas-cooled		water-cooled		gas-cooled		water-cooled		gas-cooled		water-cooled	
				0651920100 CAG600-1.0T	0651925100 CAW600-1.0T	0651920500 CAG600-5.0T	0651926000 CAW600-5.0T	0651930100 CAG600-1.0H	0651935100 CAW600-1.0H	0651930500 CAG600-5.0H	0651936000 CAW600-5.0H	0651930100 CAG600-1.0H	0651935100 CAW600-1.0H	0651940500 CAG600-5.0D	0651945500 CAW600-5.0D
1	1	"Corrugated tube p.m. Outer hose p.m."	CA nominal length	0040071000	0040070000	0040068000	0040062300	0040068000	0040062300	0040070070	0040070070	0040062350	0040062351	0040070000	
2	2	Cable star		0040071070	0040070070	0040070070	0040070070	0040070070	0040070070	0040070070	0040070070	0040062350	0040062351	0040071070	
3	2	Clamp		0040072010	0040072015	0040068045	0040062350	0040068045	0040062350	0040068045	0040068045	0040062350	0040062351	0040072015	
4	2	Clamping ring		0	0	0040068046	0040062351	0040068046	0040062351	0040068046	0040068046	0040062351	0040062351	0	
6	1	Power cable p.m.	Nominal length +0.95m	0038030500	0038030500	0038030500	0038030500	0038030500	0038030500	0038030500	0038030500	0038030500	0038030500	0038030500	
7	1	Tube crimping lug		0034060004	0034060004	0034060004	0034060004	0034060004	0034060004	0034060004	0034060004	0034060004	0034060004	0034060004	
8	1	Welding cable plug		0073031100	0073031100	0073031100	0073031100	0073031100	0073031100	0073031100	0073031100	0073031100	0073031100	0073031100	
9	1	TRIX gas hose	Nominal length +3.5m	0040030200	0040030200	0040030200	0040030200	0040030200	0040030200	0040030200	0040030200	0040030200	0040030200	0040030200	
10	2	Circlip 13.8		0042020015	0042020015	0042020015	0042020015	0042020015	0042020015	0042020015	0042020015	0042020015	0042020015	0042020015	
11	1	Union nut R3/8		0060040001	0060040001	0060040001	0060040001	0060040001	0060040001	0060040001	0060040001	0060040001	0060040001	0060040001	
12	1	Hose connector, small		0060010003	0060010003	0060010003	0060010003	0060010003	0060010003	0060010003	0060010003	0060010003	0060010003	0060010003	
13	1	Locking coupling NW7.2		0032030038	0032030038	0032030038	0032030038	0032030038	0032030038	0032030038	0032030038	0032030038	0032030038	0032030038	
14	1	PVC hose red ø7x1.5 p.m.	Nominal length +1.05m	0	0040011800	0	0040011800	0	0040011800	0	0040011800	0	0040011800	0040011800	
15	4	Circlip 11.8		0042020014	0042020014	0	0042020014	0	0042020014	0	0042020014	0	0042020014	0042020014	
16	3	Plug nipple NW5		0	0032030076	0	0032030076	0	0032030076	0	0032030076	0	0032030076	0032030076	
17	1	Locking coupling NW5		0	0032030077	0	0032030077	0	0032030077	0	0032030077	0	0032030077	0032030077	
18	1	PVC hose blue ø7x1.5 p.m.	Nominal length +1.05m	0	0040011700	0	0040011700	0	0040011700	0	0040011700	0	0040011700	0040011700	
19	1	Cable p.m.	Nominal length +1.0m	0038141220	0038141220	0038141220	0038141220	0038141220	0038141220	0038141220	0038141220	0038141220	0038141220	0038141220	
20	2	Screwed cable gland M25 polyamide		0035036100	0035036100	0035036100	0035036100	0035036100	0035036100	0035036100	0035036100	0035036100	0035036100	0035036100	
21	1	Bushing part 24 pole HAN 24 DD		0010091315	0010091315	0010091315	0010091315	0010091315	0010091315	0010091315	0010091315	0010091315	0010091315	0010091315	
22	2	Sleeve housing straight high HAN24DD		0010091320	0010091320	0010091320	0010091320	0010091320	0010091320	0010091320	0010091320	0010091320	0010091320	0010091320	
23	4	Crimp contact bushing 0.75-1.0mm² HAN D		0010091810	0010091810	0010091810	0010091810	0010091810	0010091810	0010091810	0010091810	0010091810	0010091810	0010091810	
24	11	Crimp contact bushing 0.5mm² HAN D		0010091830	0010091830	0010091830	0010091830	0010091830	0010091830	0010091830	0010091830	0010091830	0010091830	0010091830	
25	4	Crimp contact bushing 0.14-0.37mm² HAN D		0010091880	0010091880	0010091880	0010091880	0010091880	0010091880	0010091880	0010091880	0010091880	0010091880	0010091880	
26	4	Crimp contact pin 0.75-1.0mm² HAN D		0010091803	0010091803	0010091803	0010091803	0010091803	0010091803	0010091803	0010091803	0010091803	0010091803	0010091803	
27	11	Crimp contact pin 0.5mm² HAN D		0010091804	0010091804	0010091804	0010091804	0010091804	0010091804	0010091804	0010091804	0010091804	0010091804	0010091804	
28	4	Crimp contact pin 0.14-0.37mm² HAN D		0010091805	0010091805	0010091805	0010091805	0010091805	0010091805	0010091805	0010091805	0010091805	0010091805	0010091805	
29	1	Pin 24 pole HAN 24 DD		0010091316	0010091316	0010091316	0010091316	0010091316	0010091316	0010091316	0010091316	0010091316	0010091316	0010091316	
30	4	Cylinder screw M6x35, DIN 912		0102206035	0102206035	0	0	0	0	0	0	0	0	0102206035	
31	1	Cover power connection		0833581150	0833581150	0833581150	0833581150	0833581150	0833581150	0833581150	0833581150	0833581150	0833581150	0833581150	

Cooling module EC-1200

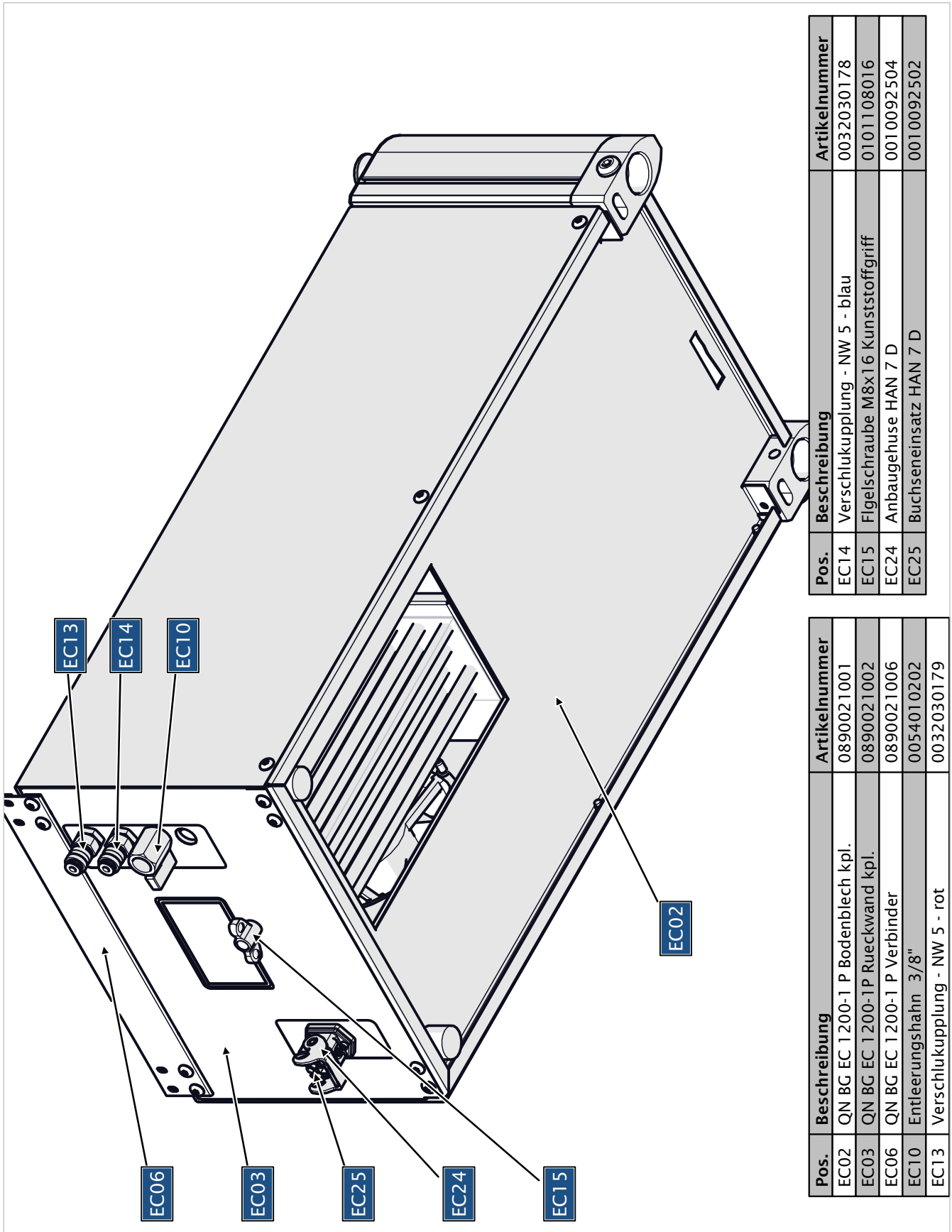


"Housing parts"



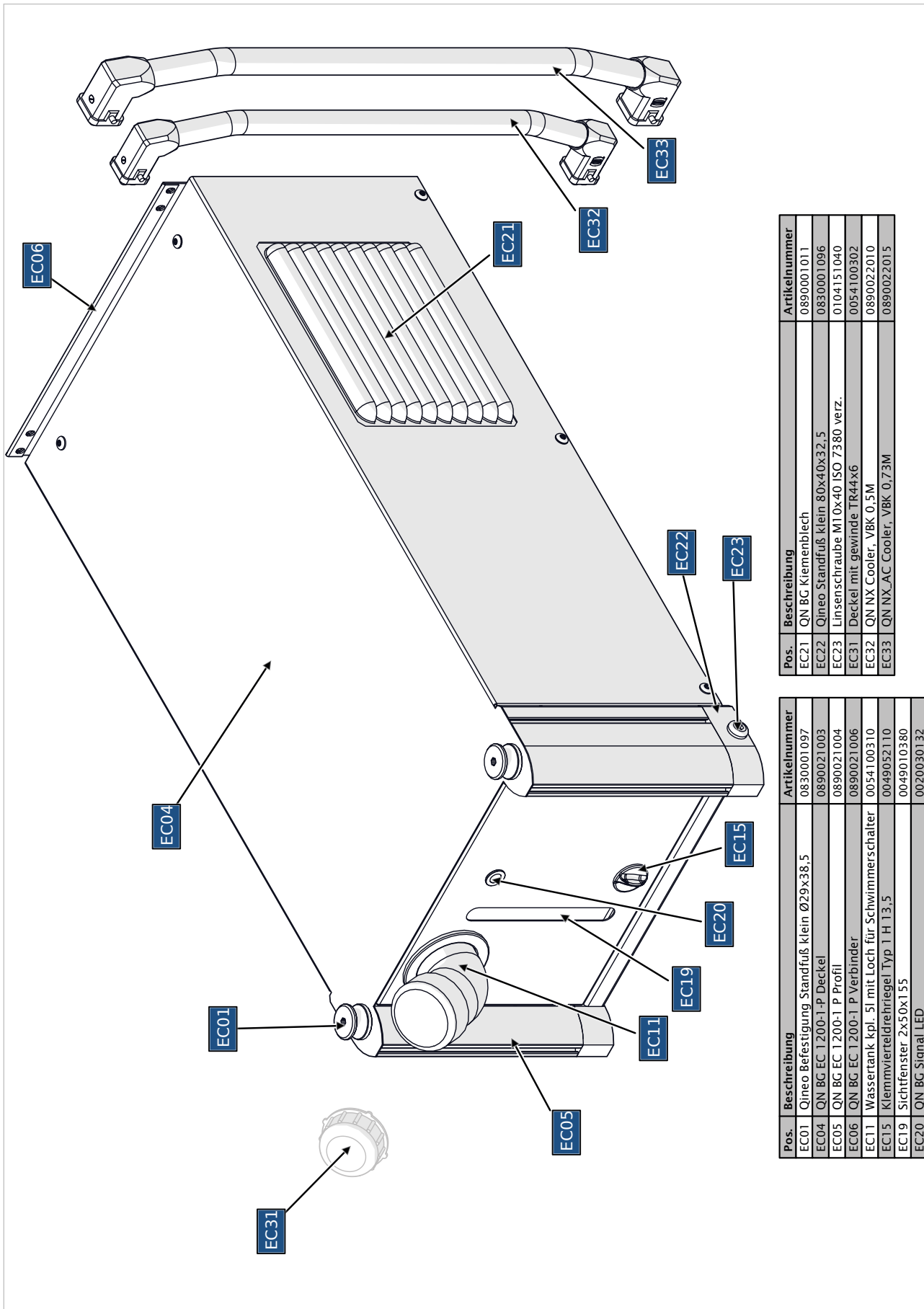
"Electronic insert 0890022000"

Housing parts



Pos.	Beschreibung	Artikelnummer
EC02	QN BG EC 1 200-1 P Bodenblech kpl.	0890021001
EC03	QN BG EC 1 200-1 P Rueckwand kpl.	0890021002
EC06	QN BG EC 1 200-1 P Verbinder	0890021006
EC10	Entleerungshahn 3/8"	0054010202
EC13	Verschluukupplung - NW 5 - rot	0032030179

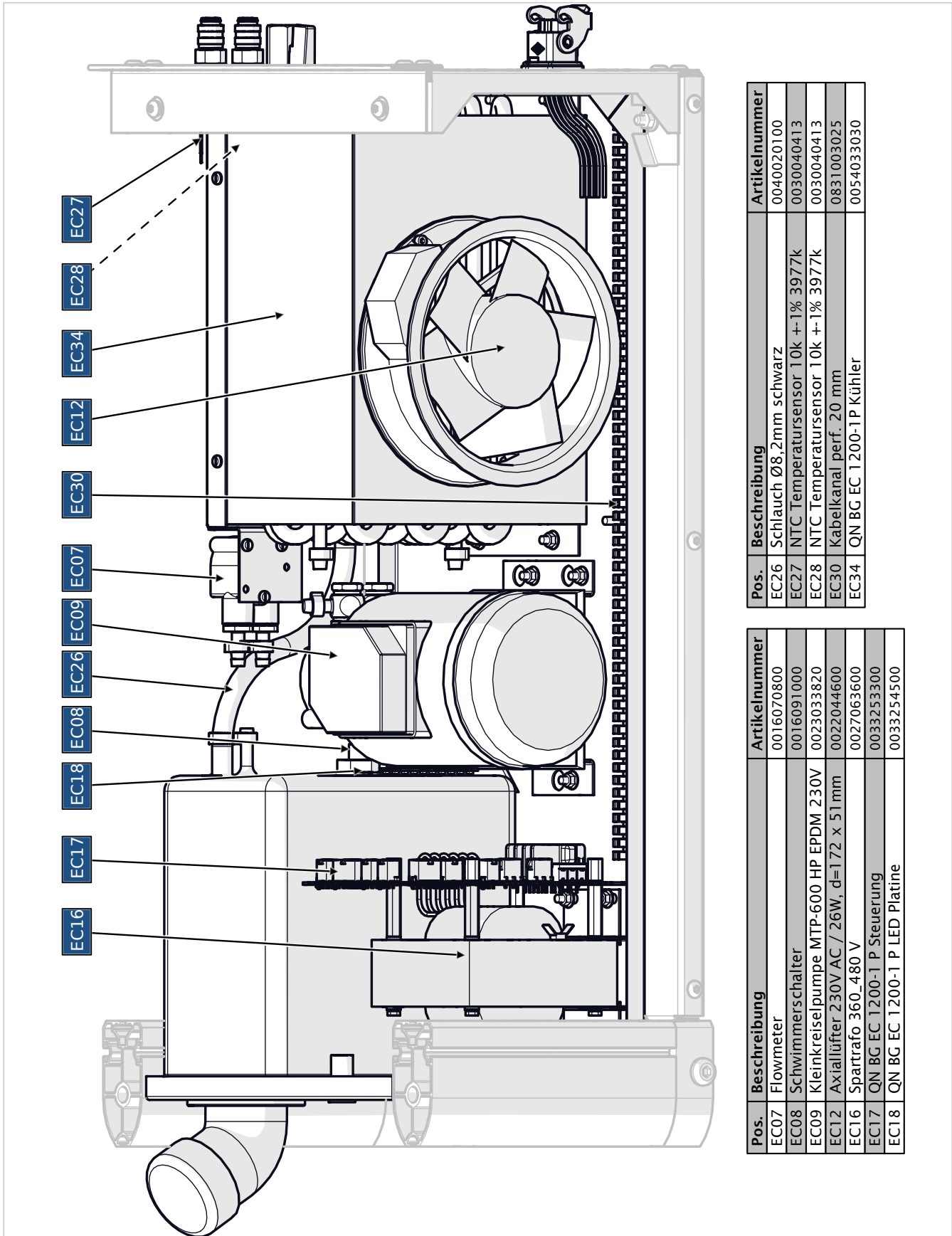
Pos.	Beschreibung	Artikelnummer
EC14	Verschluukupplung - NW 5 - blau	0032030178
EC15	Flgelschraube M8x16 Kunststoffgriff	0101108016
EC24	Anbaugehuse HAN 7 D	0010092504
EC25	Buchseneinsatz HAN 7 D	0010092502



Pos.	Beschreibung	Artikelnummer
EC21	QN BG Klemmenblech	0890001011
EC22	Qineo Standfuß klein 80x40x32,5	0830001096
EC23	Linenschraube M10x40 ISO 7380 verz.	0104151040
EC31	Deckel mit gewinde TR44x6	0054100302
EC32	QN NX Cooler, V8K 0,5M	0890022010
EC33	QN NX_AC Cooler, V8K 0,73M	0890022015

Pos.	Beschreibung	Artikelnummer
EC01	Qineo Befestigung Standfuß klein Ø29x38,5	0830001097
EC04	QN BG EC 1 200-1-P Deckel	0890021003
EC05	QN BG EC 1 200-1-P Profil	0890021004
EC06	QN BG EC 1 200-1-P Verbinder	0890021006
EC11	Wassertank kpl. 5l mit Loch für Schwimmerschalter	0054100310
EC15	Klemmverdrehschalter Typ TH 13-5	0049052110
EC19	Sichtfenster 2x50x155	0049010380
EC20	QN BG Signal LED	0020030132

Electronic insert 0890022000

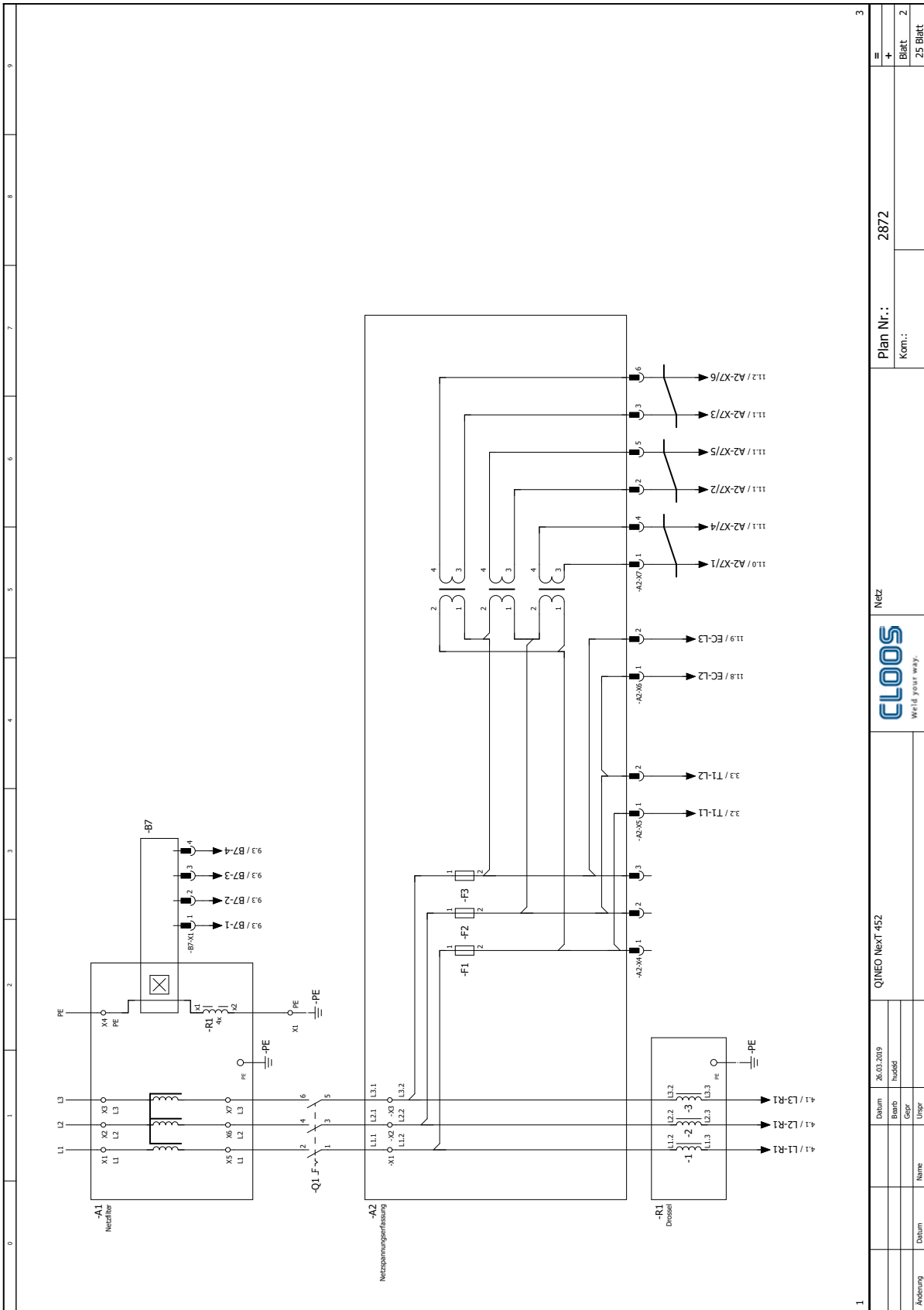


Pos.	Beschreibung	Artikelnummer
EC26	Schlauch Ø8,2mm schwarz	0040020100
EC27	NTC Temperatursensor 10k +-1% 3977k	0030040413
EC28	NTC Temperatursensor 10k +-1% 3977k	0030040413
EC30	Kabelkanal perf. 20 mm	0831003025
EC34	QN BG EC 1200-1P Kühler	0054033030

Pos.	Beschreibung	Artikelnummer
EC07	Flowmeter	0016070800
EC08	Schwimmerschalter	0016091000
EC09	Kleinkreiselpumpe MTP-600 HP EPDM 230V	0023033820
EC12	Axiallüfter 230V AC / 26W, d=172 x 51 mm	0022044600
EC16	Spartrafo 360.480 V	0027063600
EC17	QN BG EC 1200-1 P Steuerung	0033253300
EC18	QN BG EC 1200-1 P LED Platine	0033254500

2. Circuit diagrams and parts lists

Next 452 (Circuit No. 2872)



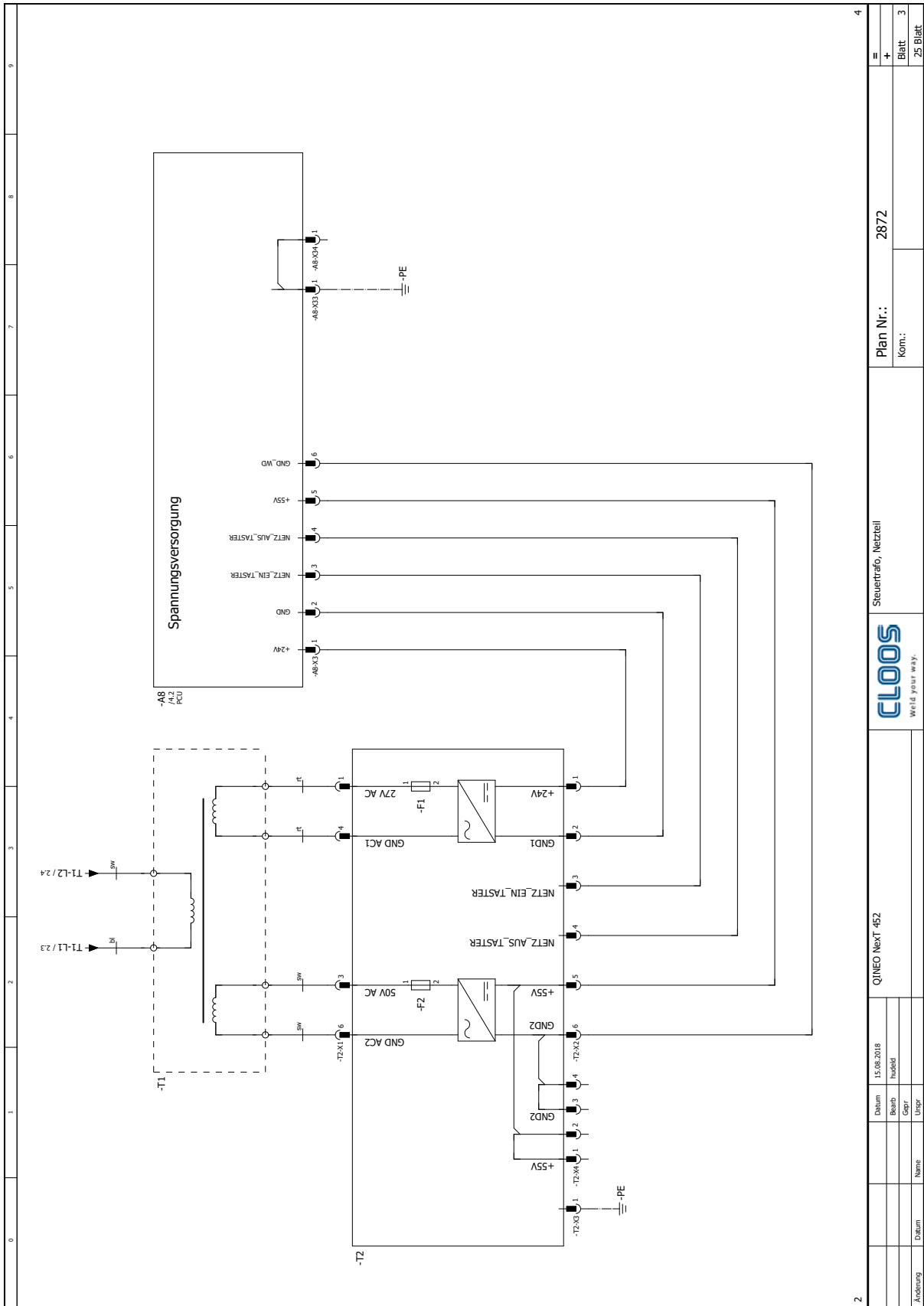
Aenderung		Datum		Name		Unger		Gepr		hueld		26.03.2019		QJMED Next452		Netz		Plan Nr.: 2872		Blatt 2	
																		Komm.:		25 Blatt	

Circuit No. 2872

Compare the circuit number with the one of your machine

Circuit No. 2872

Compare the circuit number with the one of your machine



Plan Nr.: 2872
Kom.:

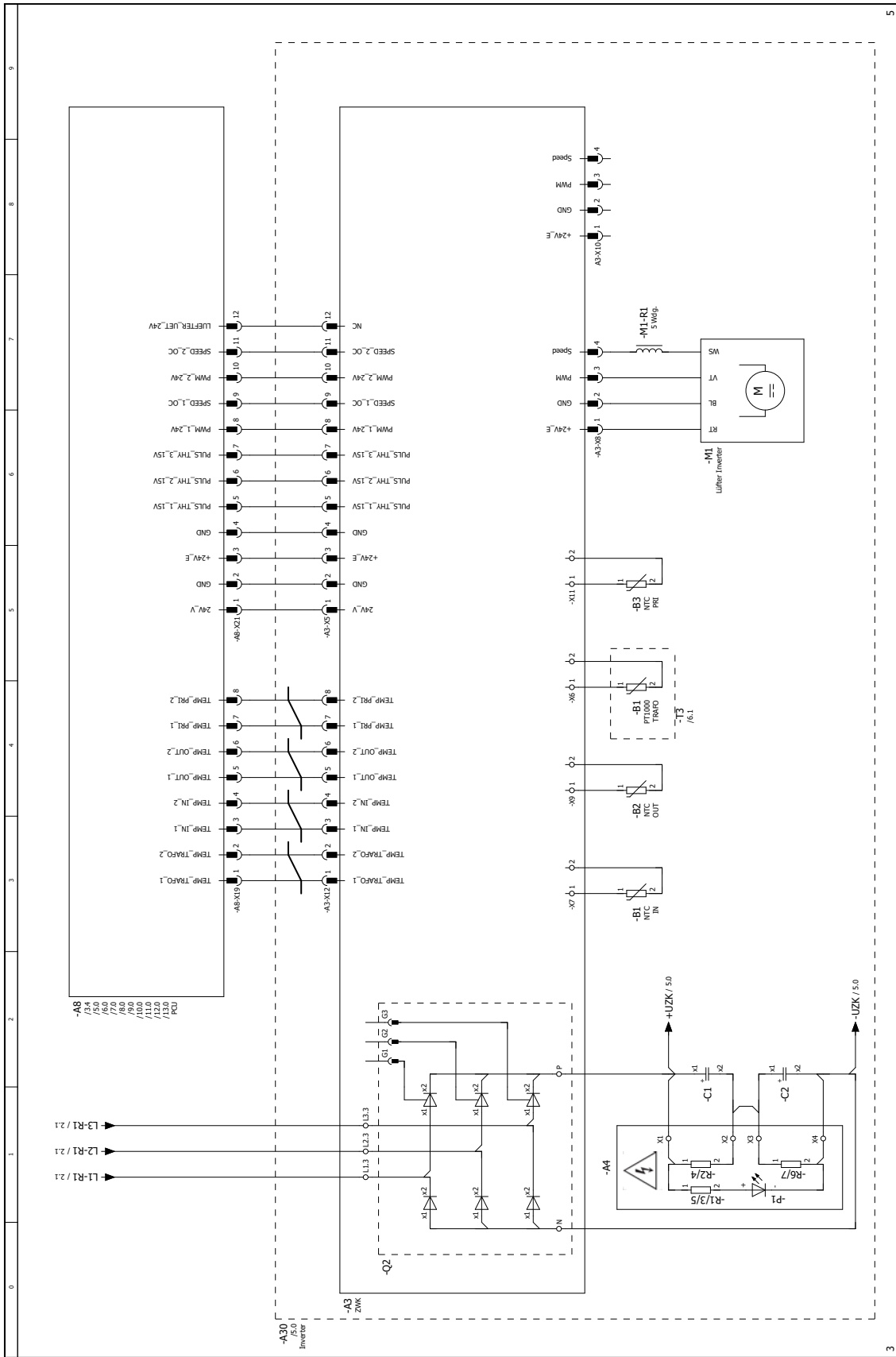
Blatt 3
25 Blatt

QINEO Next 452

Datum	15.08.2018
Beib.	hueldd
Gepr.	
Ung.	
Name	
Datum	

2

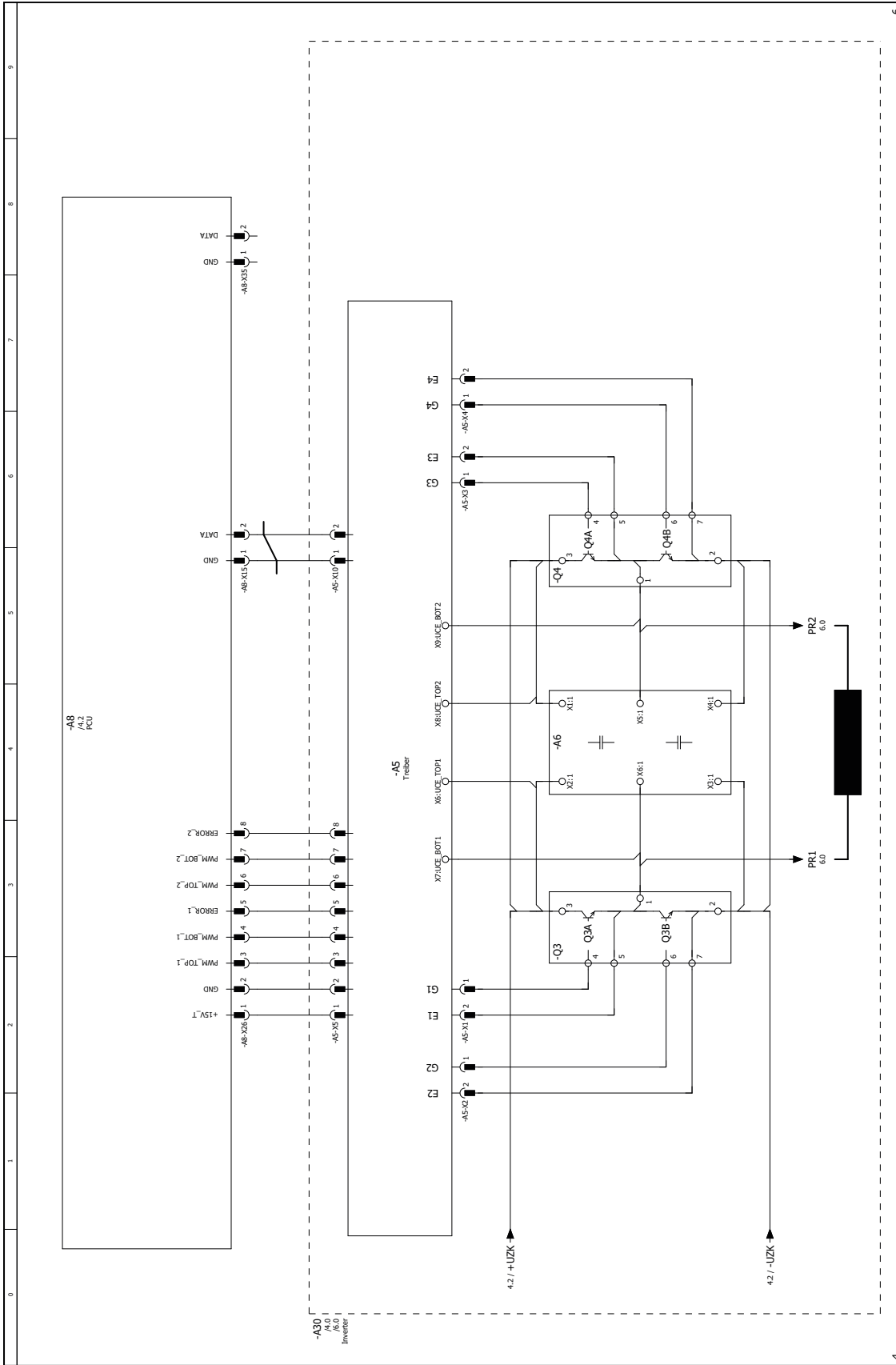
4



Date: 15.08.2018		Blatt: 4	
Author: hudoel		Blatt: 25 Blatt	
Name:		Plan Nr.: 2872	
Datum:		Kom.:	
Änderung:		Inverter Zwischenkreis, Lüfter, NTC	
QINEO Next 452		CLOOS	
		World your way.	

Circuit No. 2872

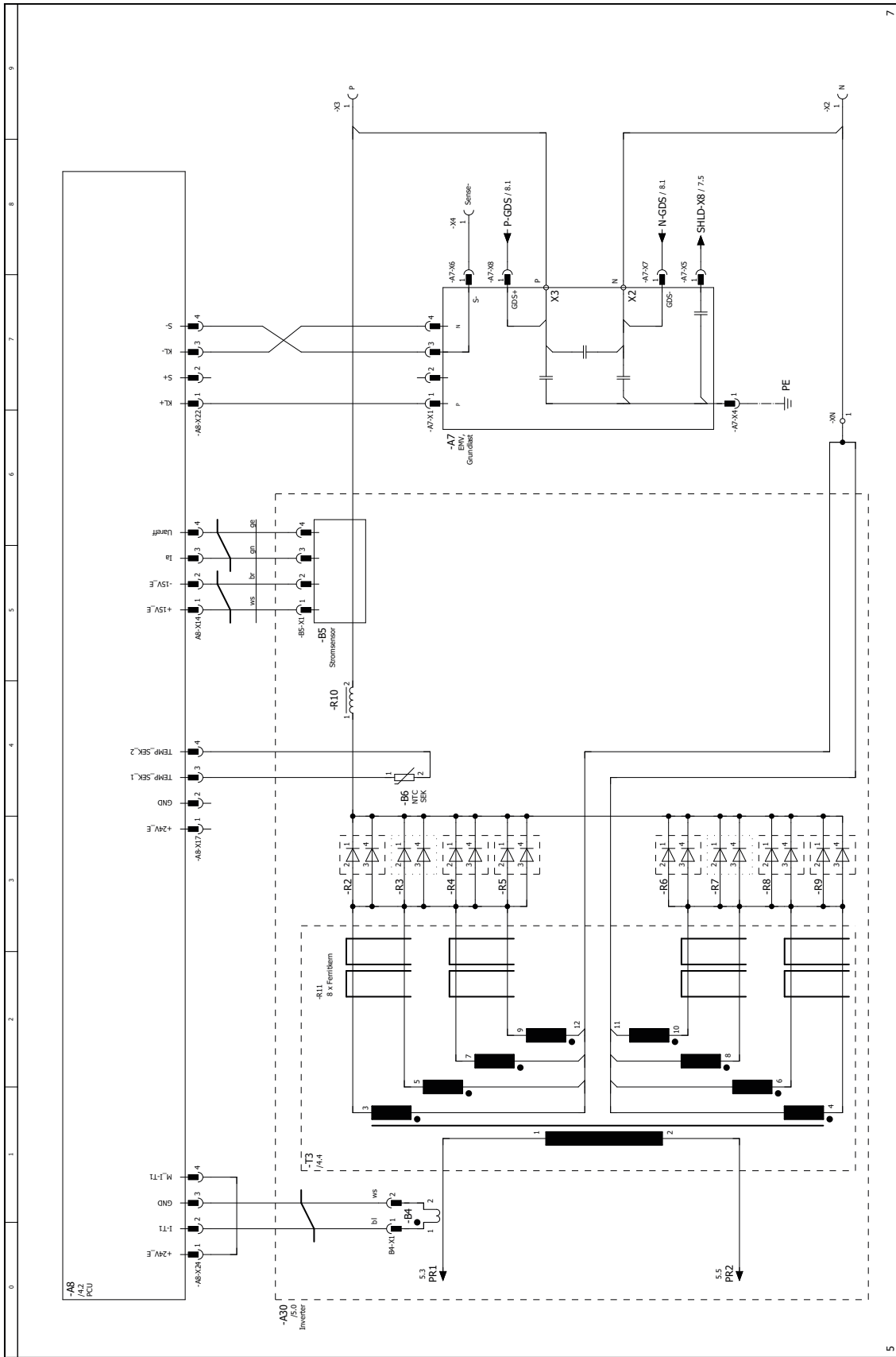
Compare the circuit number with the one of your machine



Date		15.08.2018		QINEO Next-152		Inverter Primär		Plan Nr.: 2872		Blatt 5	
Blatt		huddi						Kom.:		25 Blatt	
Gepr.											
Unger											
Name											
Datum											
Änderung											

Circuit No. 2872

Compare the circuit number with the one of your machine



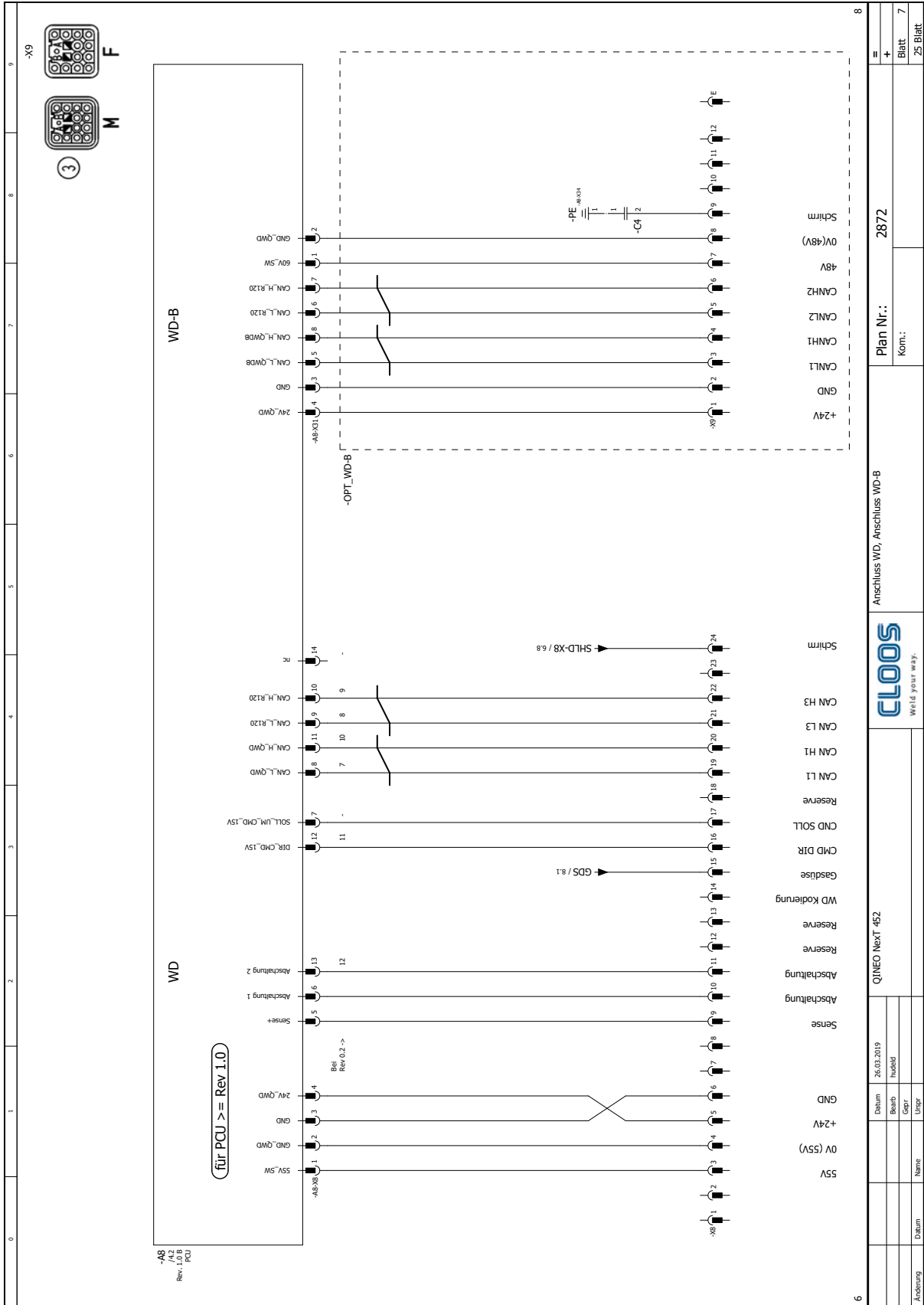
Date: 26.03.2019		Date: 2872	
Drawn: huidd	Checked: huidd	Plan Nr.:	2872
Gepr.:	Unger:	Kom.:	
Name:		Inverter Sekundär	
Date:		CLOOS World your way.	
Change:		QINEO Next 452	
		Blatt 6	
		25 Blatt	

Circuit No. 2872

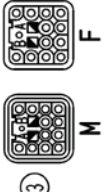
Compare the circuit number with the one of your machine

Circuit No. 2872

Compare the circuit number with the one of your machine

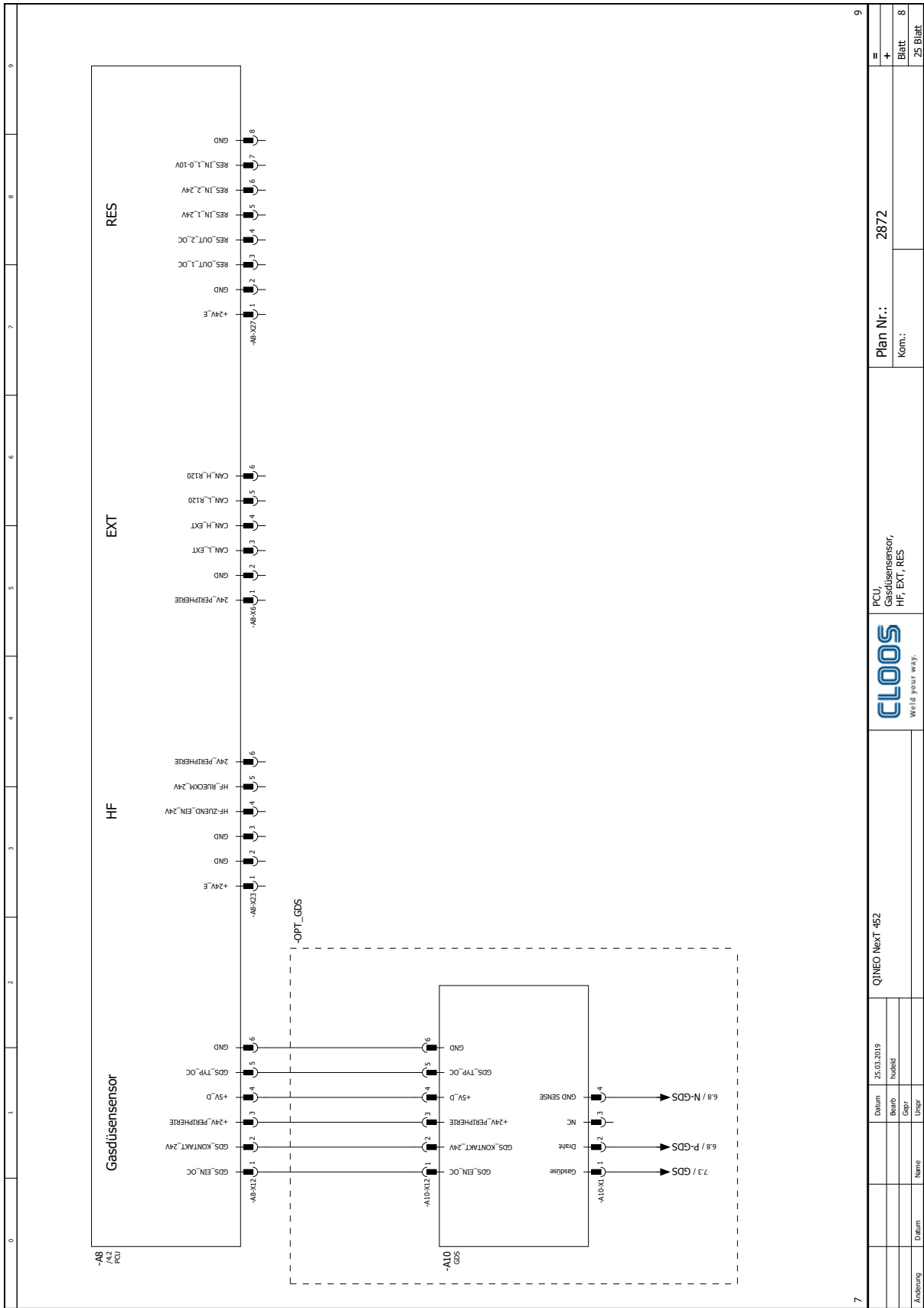


Anmeldung	Datum	Name	Ung.	Gepr.	Beib.
QINEO Next 452			26.03.2019		
hussld			hussld		
Anschluss WD, Anschluss WD-B			2872		
Plan Nr.:			Blatt 7		
Kom.:			25 Blatt		



-X9

0 1 2 3 4 5 6 7 8 9



7	8	9
QINEO Next 452	PCU Gasdüsensensor, HF, EXT, RES	Plan Nr.: 2872
25.03.2019		Kom.:
Datum	Beib.	Blatt
Gepr.	Ung.	8
Name		25 Blatt
Datum		
Änderung		

Circuit No. 2872
 Compare the circuit number with the one of your machine

-AB
FCU

PE-Strom

Codierung Typ und Leistung

-AB-XCD, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

2.2 / B7-1 → +15V.E
2.3 / B7-2 → -15V.E
2.3 / B7-3 → PE-Strom
2.3 / B7-4 → GND

5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

Beispiel:
Inverter DC mit Impuls, 450A

0 1 2 3 4 5 6 7 8 9 10

8

Änderung	
Datum	Name
Beinh.	Gepr.
Ungpr.	

Datum	15.08.2018
Beinh.	huelld
Gepr.	
Ungpr.	

QINEO Next 452

FCU,
PE-Strom, Codierung

Plan Nr.:
Kom.:

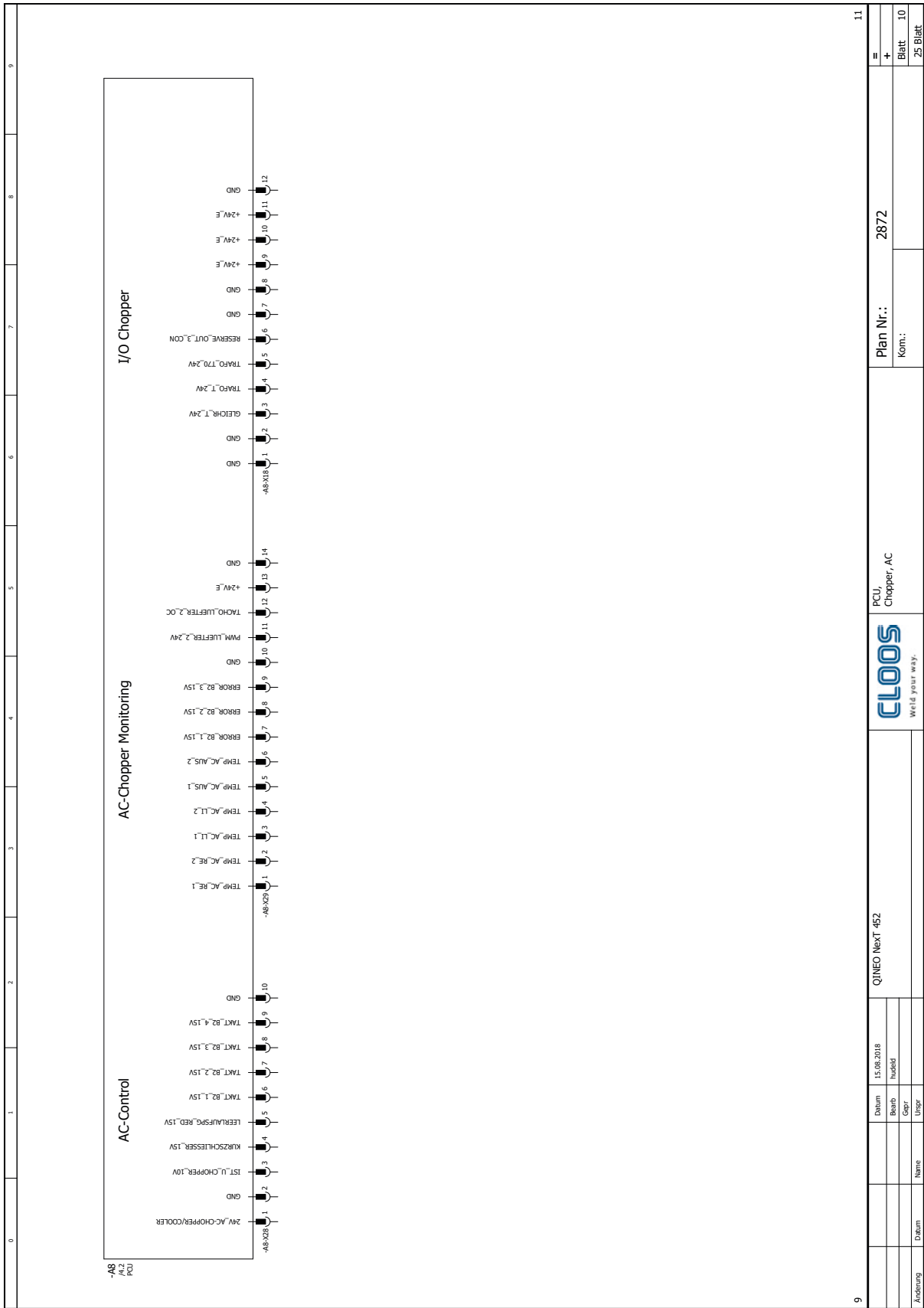
2872

=	
+	Blatt
	9

25 Blatt

Circuit No. 2872
Compare the circuit number with the one of your machine

62

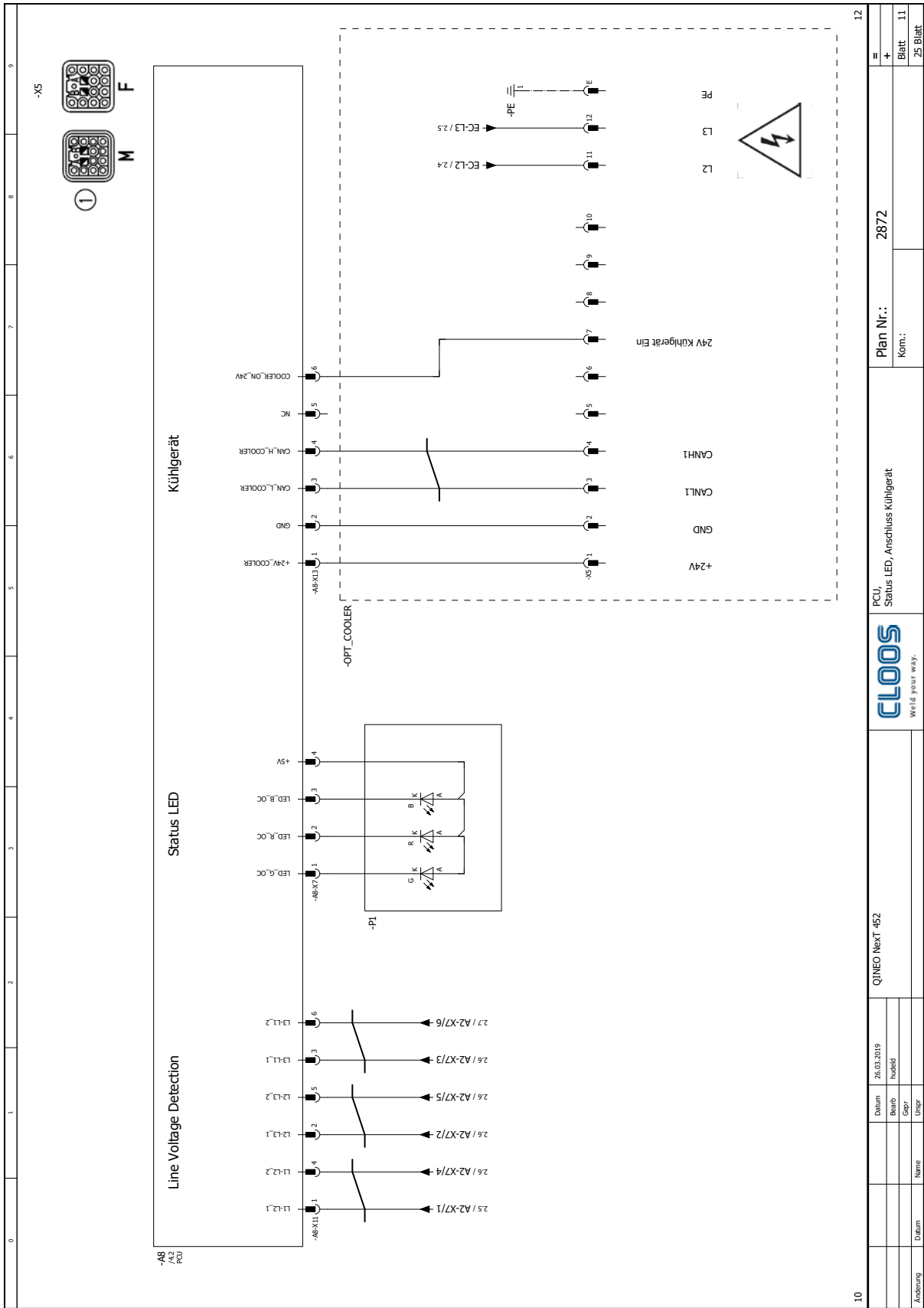


Circuit No. 2872

Compare the circuit number with the one of your machine

Circuit No. 2872

Compare the circuit number with the one of your machine



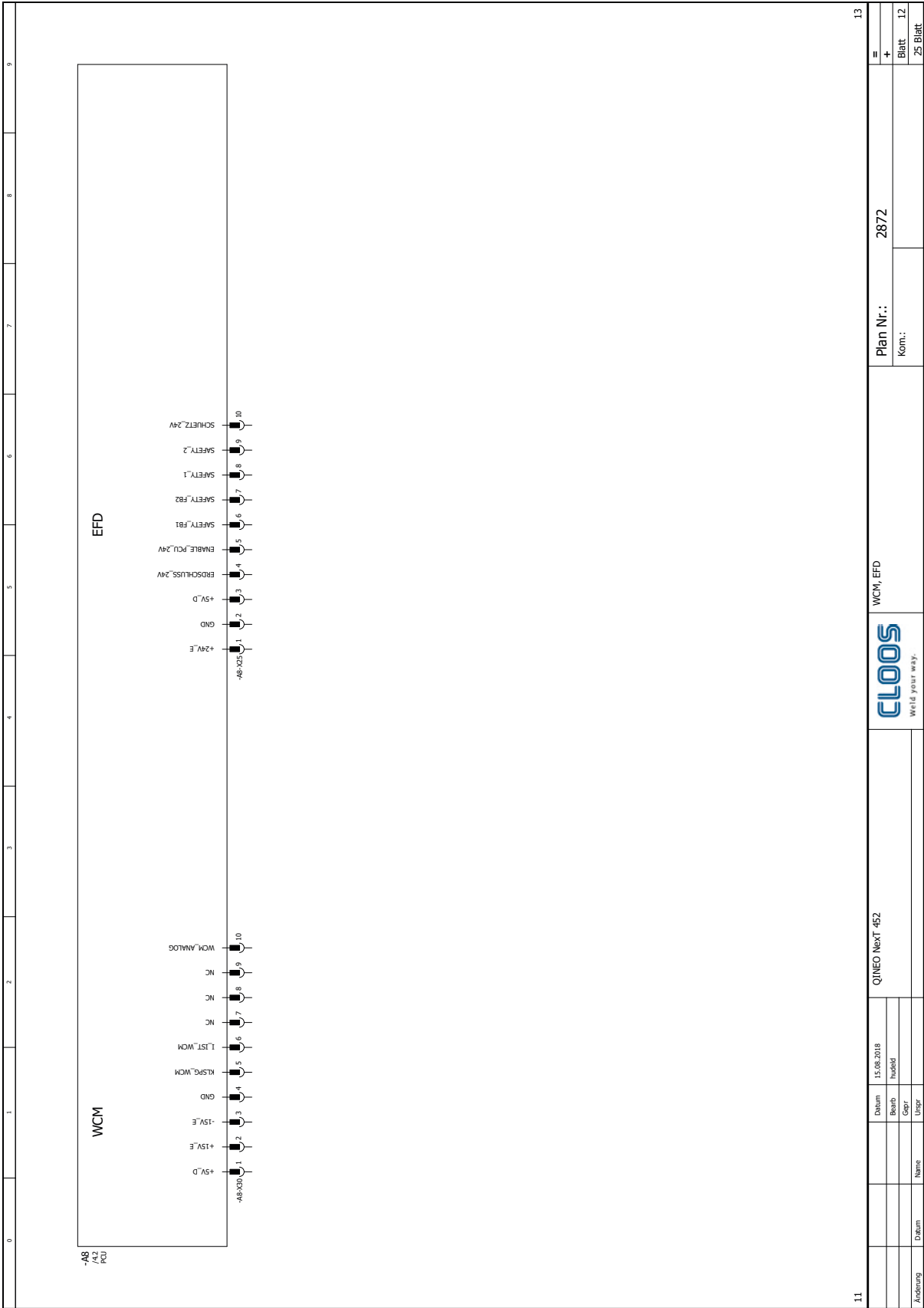
10

12

	QINEO NextT 452	Plan Nr.: 2872	Blatt 11	25 Blatt
Datum	26.03.2019	Kom.:		
Beib.	huddel			
Gepr.				
Ungr.				
Name				
Datum				
Änderung				



PCU, Status LED, Anschluss Kühlergerät

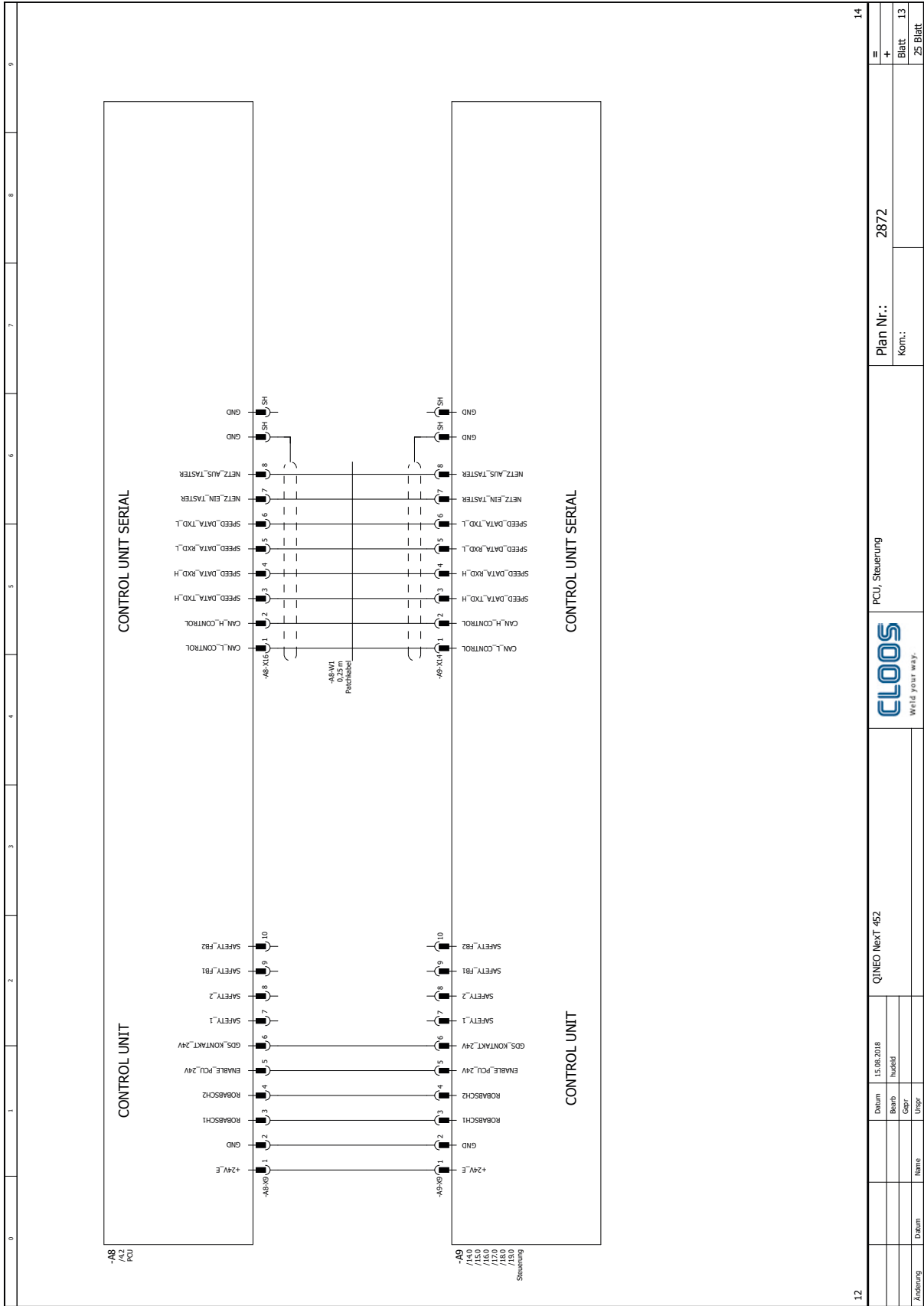


11

13

Circuit No. 2872

Compare the circuit number with the one of your machine

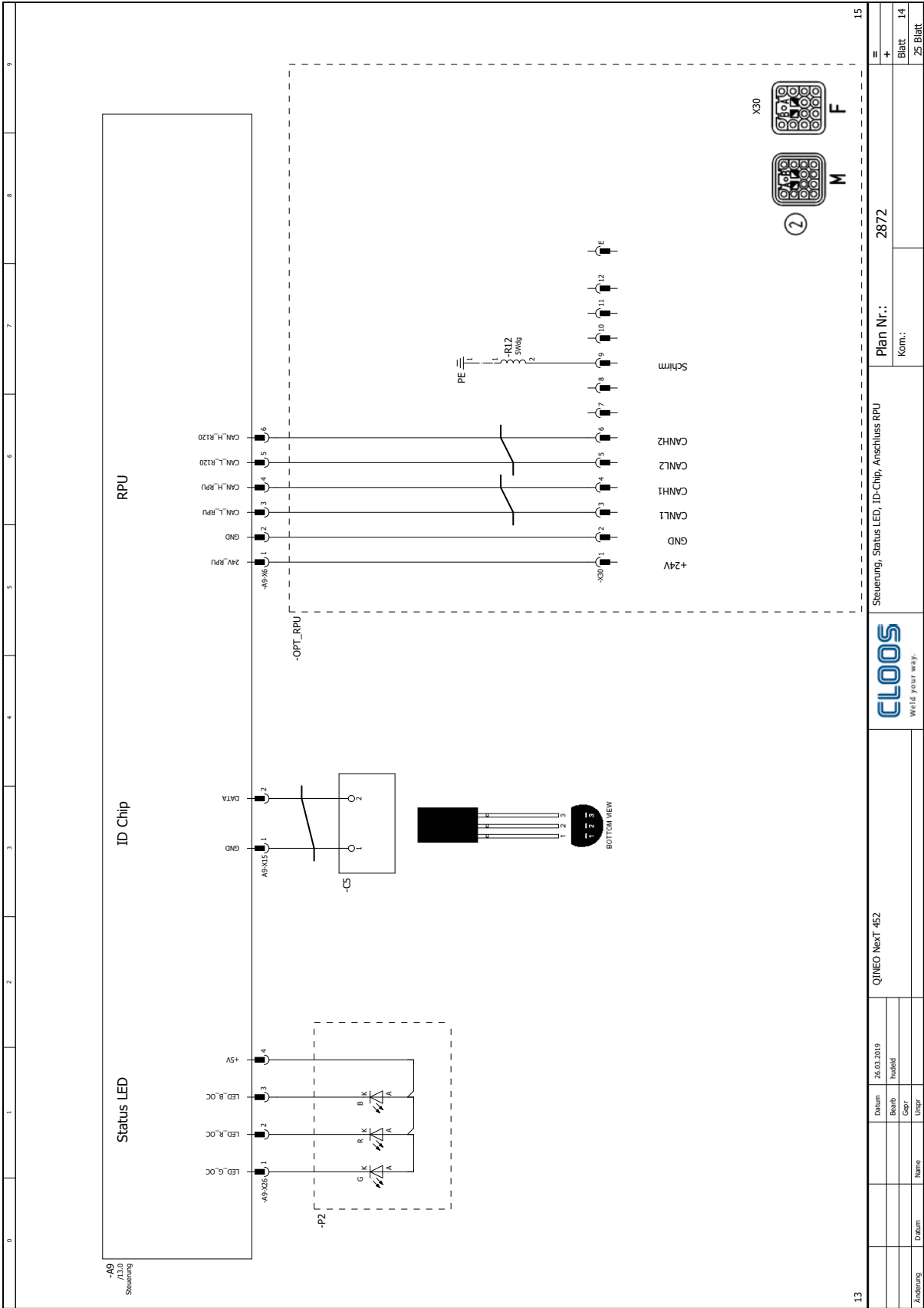


12	QINEO Next 452	PCU, Steuerung	Plan Nr.: 2872	14
Datum	15.08.2018			
Beib. Gepr.	huedel			
Name				
Unger				
Änderung				
		Kom.:		
		Blatt	13	25 Blatt



Circuit No. 2872

Compare the circuit number with the one of your machine



Steuerung, Status LED, ID-Chip, Anschluss RPU

Plan Nr.: 2872

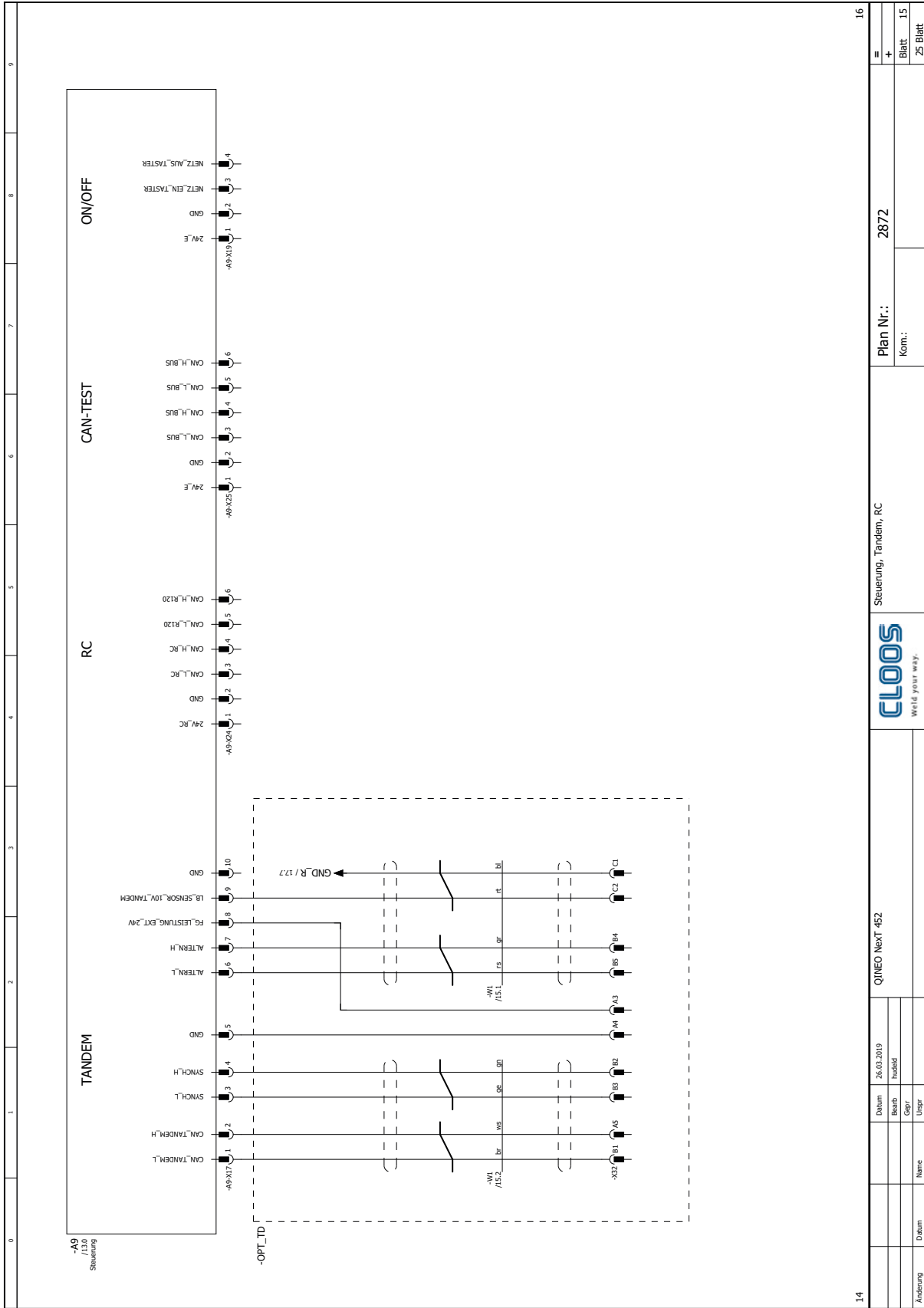
Blatt 14
25 Blatt

QINEO Next 452

Datum	26.03.2019
Beib.	huedel
Gepr.	
Ungpr.	
Name	
Datum	

Circuit No. 2872

Compare the circuit number with the one of your machine



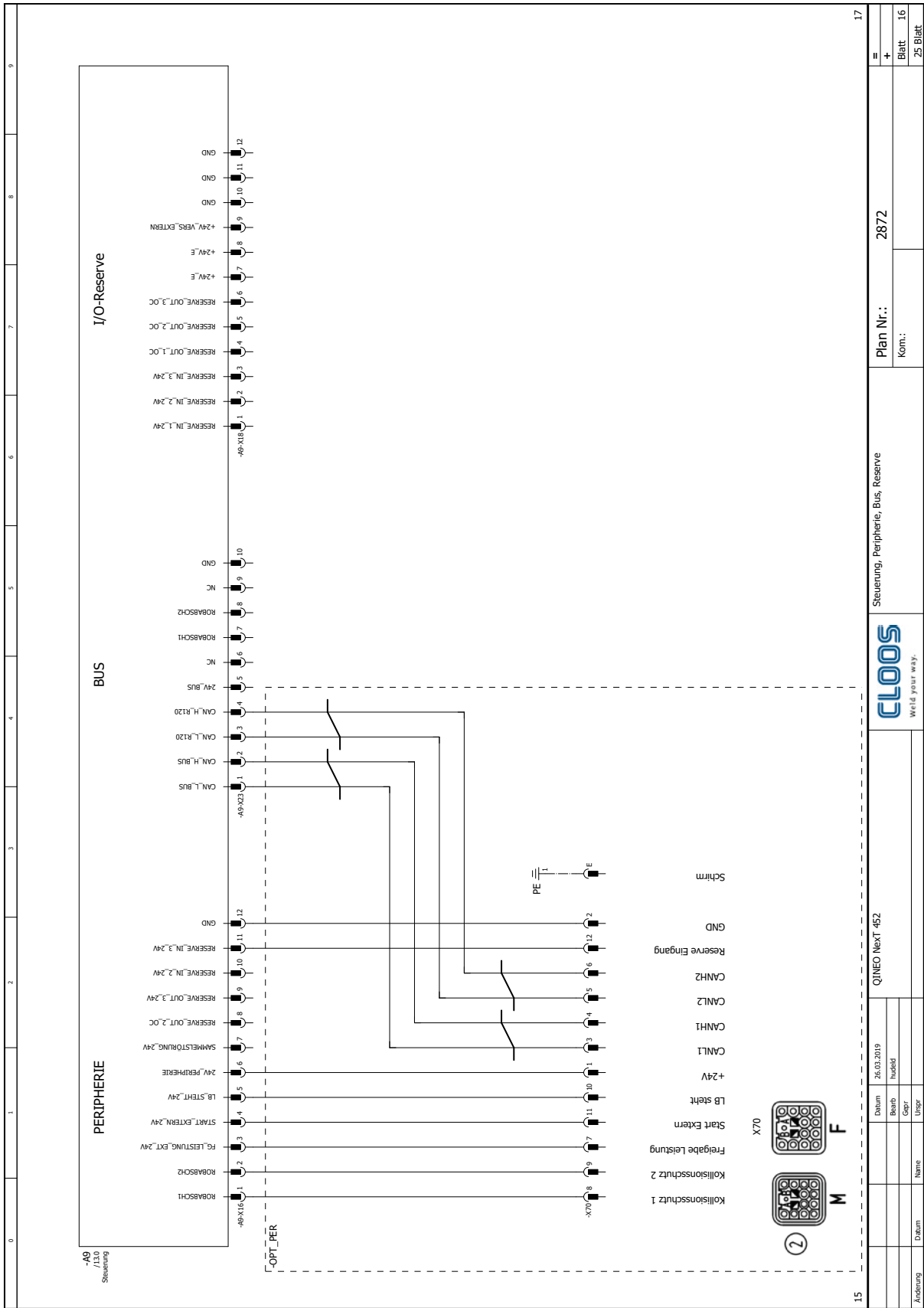
14

16

Änderung	Datum	Name	Ung.	Gepr.	hüddel	26.03.2019	QINEO Next 452	Steuerung, Tandem, RC	Plan Nr.: 2872	Kom.:	Blatt 15	25 Blatt
----------	-------	------	------	-------	--------	------------	----------------	-----------------------	----------------	-------	----------	----------



Circuit No. 2872
 Compare the circuit number with the one of your machine



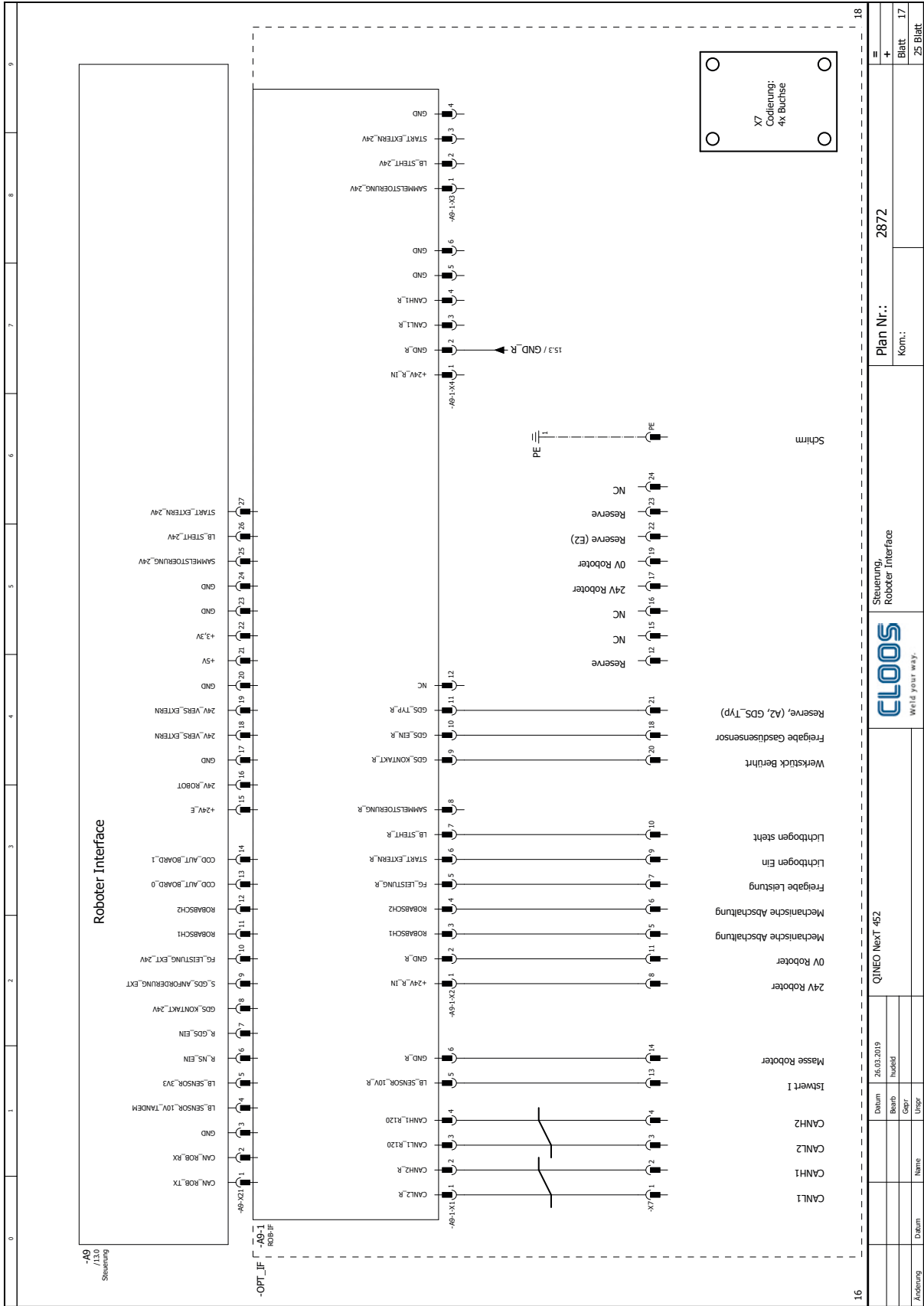
17		=		Plan Nr.: 2872	
+		Blatt 16		Kom.:	
25 Blatt					
15		QINEO Next 452		Steuerung, Peripherie, Bus, Reserve	
16		CLOOS		World your way.	
Datum		26.03.2019			
Beib.		huddel			
Gepr.					
Ung.					
Name					
Datum					
Änderung					

Circuit No. 2872

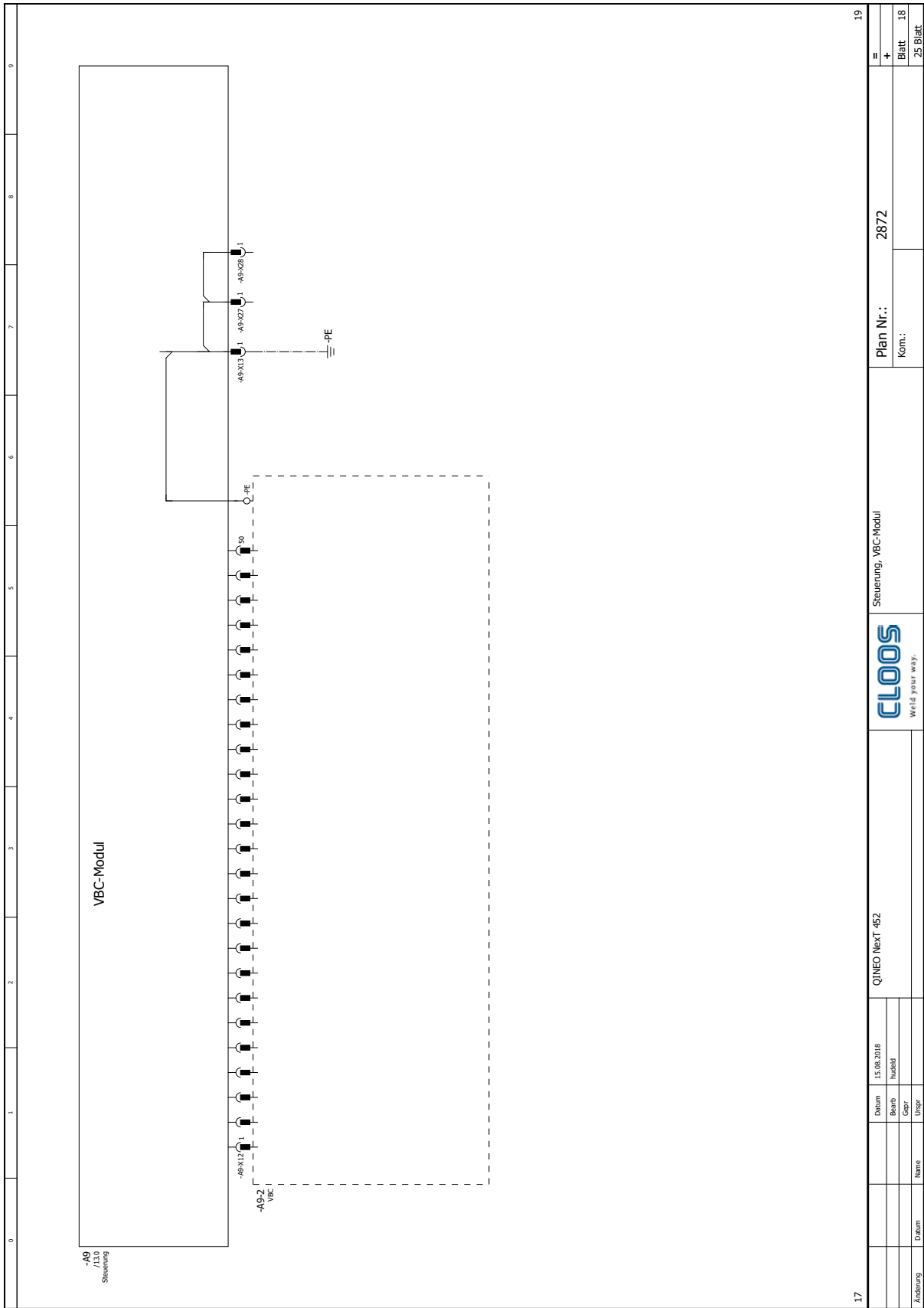
Compare the circuit number with the one of your machine

Circuit No. 2872

Compare the circuit number with the one of your machine



	Plan Nr.: 2872	Blatt 17
	Kom.:	25 Blatt
CLOOS World your way.	Steuerung, Roboter Interface	
	QINEO Next 452	
Datum	26.03.2019	Gepr.
Name	huddel	Ung.
Anwendung		



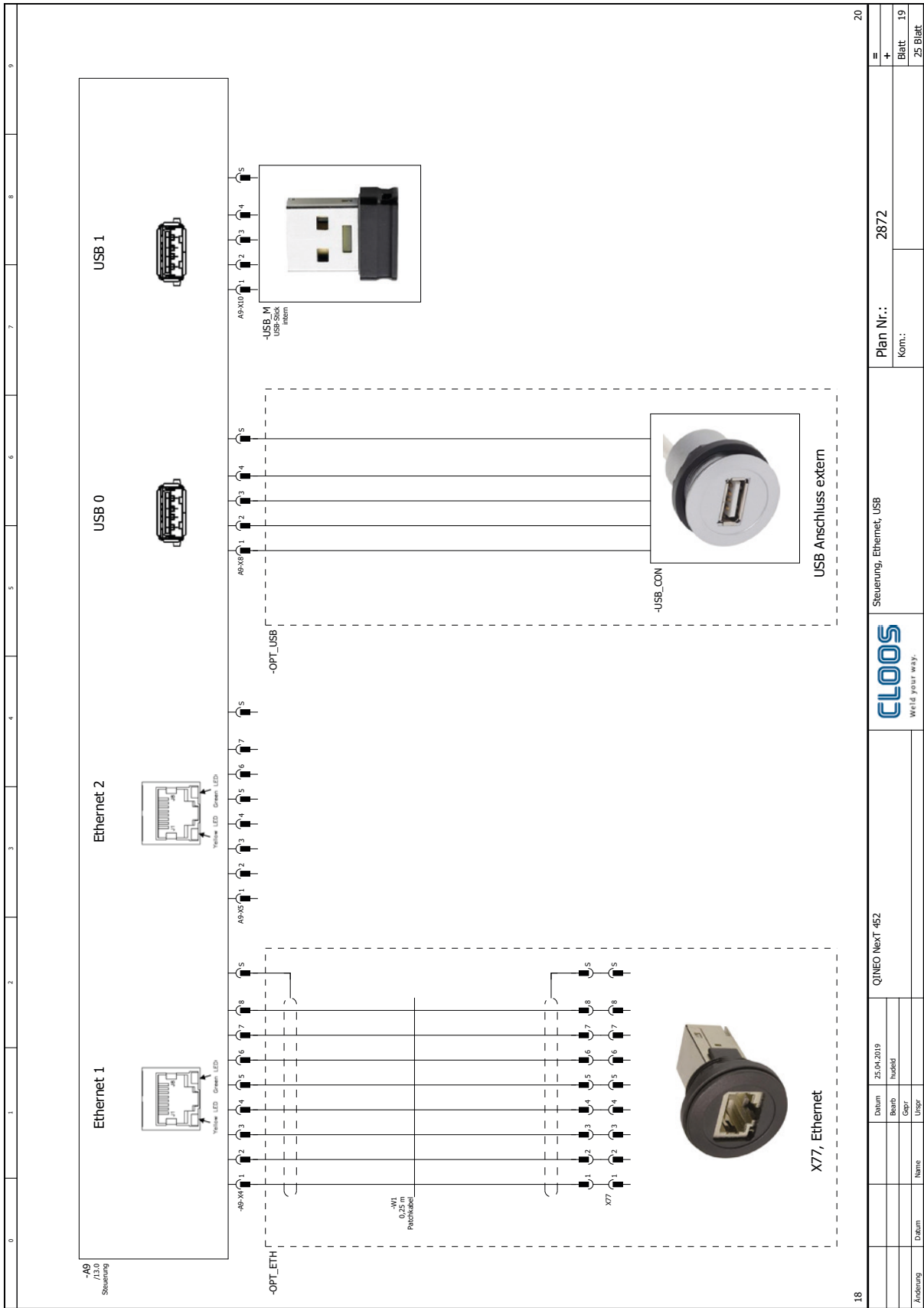
17 19

Änderung	Datum	Name	Unger	Gepr.	huelld	15.08.2018	QINEO Next 452	Steuerung, VBC-Modul	Plan Nr.: 2872	Blatt 18
									Kom.:	25 Blatt



Circuit No. 2872

Compare the circuit number with the one of your machine



18 20

Änderung		Datum		Name		Ung.	
Beib.		huidd					
Datum		25.04.2019		QINEO NextT 452		Steuerung, Ethernet, USB	
Plan Nr.:		2872		Kom.:			
Blatt		19		25 Blatt			



Circuit No. 2872
Compare the circuit number with the one of your machine

Electrical parts list - Circuit No. 2872 (NexT 452)

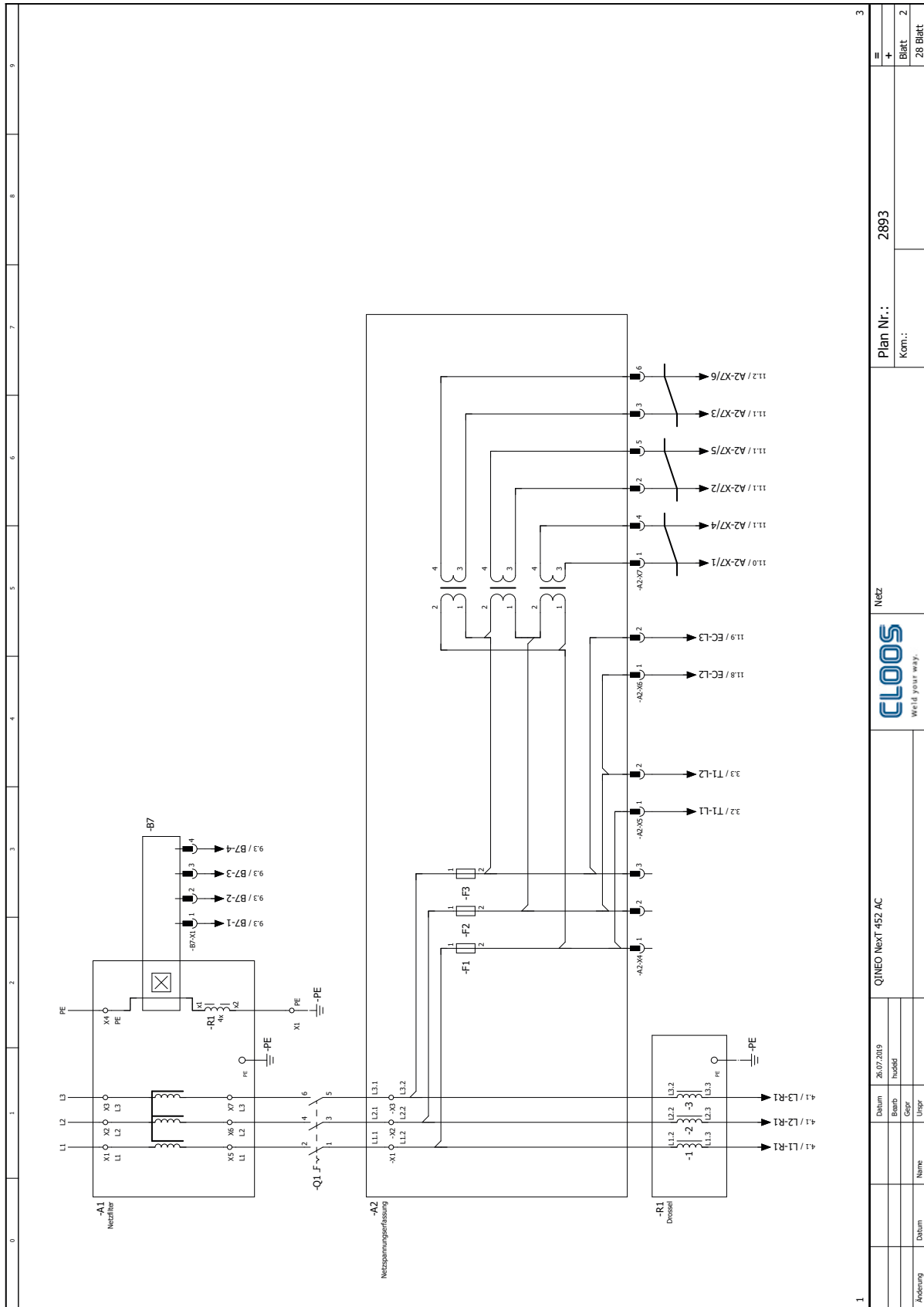
Item	Part number	Designation
A1	0033253900	QINEO NX, board mains filter
A1-B7	0029210900	Current sensor 50 A
A1-R1	-> A1	
A2	0033254000	QINEO NX, mains voltage recording
A2-F1	0016020187	Fuse 6.3x32mm, T4A, 500V
A2-F2	0016020187	Fuse 6.3x32mm, T4A, 500V
A2-F3	0016020187	Fuse 6.3x32mm, T4A, 500V
A2-X4	0011043803	Socket board 3 pole
A2-X5	0011043802	Socket board 2 pole
A2-X6	0011043802	Socket board 2 pole
A2-X7	0011043006	Housing for bushing Mini Universal MNL 6 pole
A2-X7	0011043001	Bushing Mini Universal 26-22AWG
A7	0033254200	QINEO NX, board EMC output
A7-X1	0011043004	Housing for bushing Mini Universal MNL 4 pole
A7-X1	0011043000	Bushing Mini Universal 20-16AWG
A7-X4	0035020022	Receptacle, insulated, 6.3mm
A7-X5	0035020022	Receptacle, insulated, 6.3mm
A7-X6	0035020022	Receptacle, insulated, 6.3mm
A7-X7	0035020022	Receptacle, insulated, 6.3mm
A7-X8	0035020022	Receptacle, insulated, 6.3mm
A8	0033253200	QN NX, PCU
A8-W1	0038142716	Patch cable green 0.25m
A8-X3	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X3	0011043000	Bushing Mini Universal 20-16AWG
A8-X6	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X6	0011043000	Bushing Mini Universal 20-16AWG
A8-X7	0011036714	Bushing housing 4-pole, 2.54mm
A8-X7	0011036715	Crimp contact
A8-X8	0011043014	Housing for bushing Mini Universal MNL 14 pole
A8-X8	0011043000	Bushing Mini Universal 20-16AWG
A8-X9	0011043010	Housing for bushing Mini Universal MNL 10 pole
A8-X9	0011043000	Bushing Mini Universal 20-16AWG
A8-X11	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X11	0011043000	Bushing Mini Universal 20-16AWG
A8-X12	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X12	0011043000	Bushing Mini Universal 20-16AWG
A8-X14	0011036714	Bushing housing 4-pole, 2.54mm
A8-X14	0011036715	Crimp contact
A8-X15	0011043002	Housing for bushing Mini Universal MNL 2 pole
A8-X15	0011043000	Bushing Mini Universal 20-16AWG
A8-X17	0011043004	Housing for bushing Mini Universal MNL 4 pole
A8-X17	0011043001	Bushing Mini Universal 26-22AWG
A8-X18	0011043012	Housing for bushing Mini Universal MNL 12 pole
A8-X18	0011043000	Bushing Mini Universal 20-16AWG
A8-X19	0011043008	Housing for bushing Mini Universal MNL 8 pole
A8-X19	0011043000	Bushing Mini Universal 20-16AWG
A8-X20	0011043116	Housing for bushing MICRO MNL 16 pole
A8-X20	0011043100	Bushing MICRO MNL 24-20AWG
A8-X21	0011043012	Housing for bushing Mini Universal MNL 12 pole
A8-X21	0011043000	Bushing Mini Universal 20-16AWG
A8-X22	0011043004	Housing for bushing Mini Universal MNL 4 pole
A8-X22	0011043000	Bushing Mini Universal 20-16AWG
A8-X23	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X23	0011043000	Bushing Mini Universal 20-16AWG
A8-X24	0011043004	Housing for bushing Mini Universal MNL 4 pole
A8-X24	0011043000	Bushing Mini Universal 20-16AWG
A8-X25	0011043010	Housing for bushing Mini Universal MNL 10 pole
A8-X25	0011043000	Bushing Mini Universal 20-16AWG
A8-X26	0011043008	Housing for bushing Mini Universal MNL 8 pole

Item	Part number	Designation
A8-X26	0011043000	Bushing Mini Universal 20-16AWG
A8-X27	0011043008	Housing for bushing Mini Universal MNL 8 pole
A8-X27	0011043000	Bushing Mini Universal 20-16AWG
A8-X28	0011043010	Housing for bushing Mini Universal MNL 10 pole
A8-X28	0011043000	Bushing Mini Universal 20-16AWG
A8-X29	0011043014	Housing for bushing Mini Universal MNL 14 pole
A8-X29	0011043000	Bushing Mini Universal 20-16AWG
A8-X30	Opt. WCM	
A8-X32	0011036714	Bushing housing 4-pole, 2.54mm
A8-X32	0011036715	Crimp contact
A8-X33	0035020022	Receptacle, insulated, 6.3mm
A8-X34	0035020022	Receptacle, insulated, 6.3mm
A8-X35	0011043002	Housing for bushing Mini Universal MNL 2 pole
A8-X35	0011043000	Bushing Mini Universal 20-16AWG
A9	0033101400	QINEO NX control
A9-2	0831058001	Q-VBC, CC - PROFIBUS
A9-2	0831058011	Q-VBC, CC - PROFINET
A9-2	0831058021	Q-VBC, CC - DeviceNet
A9-X4	-> A9	
A9-X5	-> A9	
A9-X6	0011043006	Housing for bushing Mini Universal MNL 6 pole
A9-X6	0011043000	Bushing Mini Universal 20-16AWG
A9-X8	-> A9	
A9-X9	0011043010	Housing for bushing Mini Universal MNL 10 pole
A9-X9	0011043000	Bushing Mini Universal 20-16AWG
A9-X10	-> A9	
A9-X12	-> A9	
A9-X13	0035020022	Receptacle, insulated, 6.3mm
A9-X15	0011043002	Housing for bushing Mini Universal MNL 2 pole
A9-X15	0011043000	Bushing Mini Universal 20-16AWG
A9-X18	0011043012	Housing for bushing Mini Universal MNL 12 pole
A9-X18	0011043000	Bushing Mini Universal 20-16AWG
A9-X19	0011043004	Housing for bushing Mini Universal MNL 4 pole
A9-X19	0011043000	Bushing Mini Universal 20-16AWG
A9-X21	-> A9	
A9-X24	0011043006	Housing for bushing Mini Universal MNL 6 pole
A9-X24	0011043000	Bushing Mini Universal 20-16AWG
A9-X25	0011043006	Housing for bushing Mini Universal MNL 6 pole
A9-X25	0011043000	Bushing Mini Universal 20-16AWG
A9-X26	0011036714	Bushing housing 4-pole, 2.54mm
A9-X26	0011036715	Crimp contact
A9-X27	0035020022	Receptacle, insulated, 6.3mm
A9-X28	0035020022	Receptacle, insulated, 6.3mm
A30	0055654500	QN NX 450, power unit
A30-A3	0033253110	QN NX 450 charging unit
A30-A3-O2	0055650002	Bridge rectifier partially controlled, B6H, 180A/1800V
A30-A3-X5	0011043012	Housing for bushing Mini Universal MNL 12 pole
A30-A3-X5	0011043000	Bushing Mini Universal 20-16AWG
A30-A3-X8	0011043004	Housing for bushing Mini Universal MNL 4 pole
A30-A3-X8	0011043001	Bushing Mini Universal 26-22AWG
A30-A3-X10	0011043004	Housing for bushing Mini Universal MNL 4 pole
A30-A3-X10	0011043000	Bushing Mini Universal 20-16AWG
A30-A3-X12	0011043008	Housing for bushing Mini Universal MNL 8 pole
A30-A3-X12	0011043000	Bushing Mini Universal 20-16AWG
A30-A4	0033253600	QN NX, board balancing of interm. circuit voltage
A30-A5	0033101600	QN NX, DC V2 driver
A30-A5-X5	0011043008	Housing for bushing Mini Universal MNL 8 pole
A30-A5-X5	0011043000	Bushing Mini Universal 20-16AWG
A30-A5-X10	0011043002	Housing for bushing Mini Universal MNL 2 pole

Item	Part number	Designation
A30-A5-X10	0011043000	Bushing Mini Universal 20-16AWG
A30-A6	0033254300	QN NX 450, board interm. circuit volt. MKP
A30-B1	0030040413	Temperature sensor NTC 10k, l=850mm
A30-B2	0030040413	Temperature sensor NTC 10k, l=850mm
A30-B3	0030040413	Temperature sensor NTC 10k, l=850mm
A30-B4	0055650013	Current sensor primary 100A
A30-B4-X1	0035020022	Receptacle, insulated, 6.3mm
A30-B5	0055650012	Current sensor 700A
A30-B5-X1	0011036714	Bushing housing 4-pole, 2.54mm
A30-B5-X1	0011036715	Crimp contact
A30-B6	0030040413	Temperature sensor NTC 10k, l=850mm
A30-C1	0021011316	Electr. capacitor 4700uF 450V
A30-C2	0021011316	Electr. capacitor 4700uF 450V
A30-M1	0022044700	Axial fan Ø172x51mm 24V DC PWM
A30-M1-R1	0027092100	Ferrite core, OD17.5 ID9.5 L12.7
A30-O3	0055650001	IGBT, 1200V/200A
A30-O4	0055650001	IGBT, 1200V/200A
A30-R2	0055650003	Diode 2x120A/400V
A30-R3	0055650003	Diode 2x120A/400V
A30-R4	0055650003	Diode 2x120A/400V
A30-R5	0055650003	Diode 2x120A/400V
A30-R6	0055650003	Diode 2x120A/400V
A30-R7	0055650003	Diode 2x120A/400V
A30-R8	0055650003	Diode 2x120A/400V
A30-R9	0055650003	Diode 2x120A/400V
A30-R10	0055650008	Welding current choke 600A/20µH
A30-R11	->T3	
A30-T3	0055654510	QN X 450, main transformer 450A
A30-T3-B1	-> T3	
B7-X1	0011036714	Bushing housing 4-pole, 2.54mm
B7-X1	0011036715	Crimp contact
C5	0028090751	DS24B33+, 4kbit EEPROM serial (cable tree chip)
OPT_COOLER-A8-X13	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT_COOLER-A8-X13	0011043000	Bushing Mini Universal 20-16AWG
OPT_COOLER-X5	0010092504	Mounted housing HAN3A/7D/STAF6, PC
OPT_COOLER-X5	0010092515	Socket insert 12 pole
OPT_COOLER-X5	0010091830	Crimp contact bushing 0.5 HAN D
OPT_COOLER-X5	0010091923	Crimp contact bushing 1.5 HAN D
OPT_COOLER-X5	0010092524	Encoding pin Han Q12
OPT_ETH	0890050410	QN NX, Option Ethernet II
OPT_ETH-W1	0038142716	Patch cable green 0.25m
OPT_ETH-X77	0890050411	RJ45 Port, CAT.6 black
OPT_ETH-X77	0831059902	Protective cap for USB Port
OPT_GDS-A10	0033254700	QINEO NX, board gas nozzle sensor
OPT_GDS-A10-X1	0011043004	Housing for bushing Mini Universal MNL 4 pole
OPT_GDS-A10-X1	0011043000	Bushing Mini Universal 20-16AWG
OPT_GDS-A10-X12	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT_GDS-A10-X12	0011043000	Bushing Mini Universal 20-16AWG
OPT_IF-A9-1	0033101700	QN NX, QIROX interface
OPT_IF-A9-1-X1	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT_IF-A9-1-X1	0011043000	Bushing Mini Universal 20-16AWG
OPT_IF-A9-1-X2	0011043112	Housing for bushing MICRO MNL 12 pole
OPT_IF-A9-1-X2	0011043100	Bushing MICRO MNL 24-20AWG
OPT_IF-A9-1-X3	0011043104	Housing for bushing MICRO MNL 4 pole
OPT_IF-A9-1-X3	0011043100	Bushing MICRO MNL 24-20AWG
OPT_IF-A9-1-X4	0011043106	Housing for bushing MICRO MNL 6 pole
OPT_IF-A9-1-X4	0011043100	Bushing MICRO MNL 24-20AWG
OPT_IF-X7	0010110071	Mounted housing HAN6E
OPT_IF-X7	0010091315	Socket insert HAN24DD

Item	Part number	Designation
OPT_IF-X7	0010091830	Crimp contact bushing 0.5 HAN D
OPT_IF-X7	0010091808	Guide bushing
OPT_PER-A9-X16	0011043012	Housing for bushing Mini Universal MNL 12 pole
OPT_PER-A9-X16	0011043000	Bushing Mini Universal 20-16AWG
OPT_PER-A9-X23	0011043010	Housing for bushing Mini Universal MNL 10 pole
OPT_PER-A9-X23	0011043000	Bushing Mini Universal 20-16AWG
OPT_PER-X70	0010092510	Mounted housing HAN3A/7D
OPT_PER-X70	0010092515	Socket insert 12 pole
OPT_PER-X70	0010091830	Crimp contact bushing 0.5 HAN D
OPT_PER-X70	0010092524	Encoding pin Han Q12
OPT_RPU-A9-X6	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT_RPU-A9-X6	0011043000	Bushing Mini Universal 20-16AWG
OPT_RPU-R12	0027092100	Ferrite core, OD17.5 ID9.5 L12.7
OPT_RPU-X30	0010092510	Mounted housing HAN3A/7D
OPT_RPU-X30	0010092515	Socket insert 12 pole
OPT_RPU-X30	0010091830	Crimp contact bushing 0.5 HAN D
OPT_RPU-X30	0010092524	Encoding pin Han Q12
OPT_TD-A9-X17	0011043010	Housing for bushing Mini Universal MNL 10 pole
OPT_TD-A9-X17	0011043001	Bushing Mini Universal 26-22AWG
OPT_TD-X32	0010091301	Mounted housing 15D/10A/STAF14
OPT_TD-X32	0010091829	Socket insert 15D
OPT_TD-X32	0010091880	Crimp contact bushing 0.14-0.37HAN/D
OPT_USB	0891050900	QN NX, module USB Port
OPT_USB-USB_CON	0891050901	USB Port 2.0 A-A, cable 0.5m
OPT_USB-USB_CON	0831059902	Protective cap for USB Port
OPT_WD-B-A8-X31	0011043008	Housing for bushing Mini Universal MNL 8 pole
OPT_WD-B-A8-X31	0011043000	Bushing Mini Universal 20-16AWG
OPT_WD-B-C4	0021011312	Axial capacitor 0.1uF/1000V
OPT_WD-B-X9	0010092510	Mounted housing HAN3A/7D
OPT_WD-B-X9	0010092515	Socket insert 12 pole
OPT_WD-B-X9	0010091810	Crimp contact bushing 1.0 HAN D
OPT_WD-B-X9	0010091830	Crimp contact bushing 0.5 HAN D
OPT_WD-B-X9	0010092524	Encoding pin Han Q12
P1	0020030132	QN NX, signal LED
P2	0020030132	QN NX, signal LED
Q1	0003224110	Main switch 40A
R1	0027092550	Power choke 3x40A
T1	0027063700	QN NX control transformer 360-480V, 560VA
T2	0033254600	QINEO NX, power supply board
T2-F1	0016040003	Microfuse 5x20mm, 16A, M
T2-F2	0016040003	Microfuse 5x20mm, 16A, M
T2-X1	0011043006	Housing for bushing Mini Universal MNL 6 pole
T2-X1	0011043000	Bushing Mini Universal 20-16AWG
T2-X2	0011043006	Housing for bushing Mini Universal MNL 6 pole
T2-X2	0011043000	Bushing Mini Universal 20-16AWG
T2-X3	0035020022	Receptacle, insulated, 6.3mm
T2-X4	0011043004	Housing for bushing Mini Universal MNL 4 pole
T2-X4	0011043000	Bushing Mini Universal 20-16AWG
USB_M	0029210810	QN NexT USB stick 8GB
X1	0033048410	PE/N rail
X2	0073039500	Panel jack 70/95mm ² TM
X3	0073039500	Panel jack 70/95mm ² TM
X4	Option Sense	
X8	0010110071	Mounted housing HAN6E
X8	0010091315	Socket insert HAN24DD
X8	0010091810	Crimp contact bushing 1.0 HAN D
X8	0010091830	Crimp contact bushing 0.5 HAN D
XN	0032051500	Insulator 30x30, M8

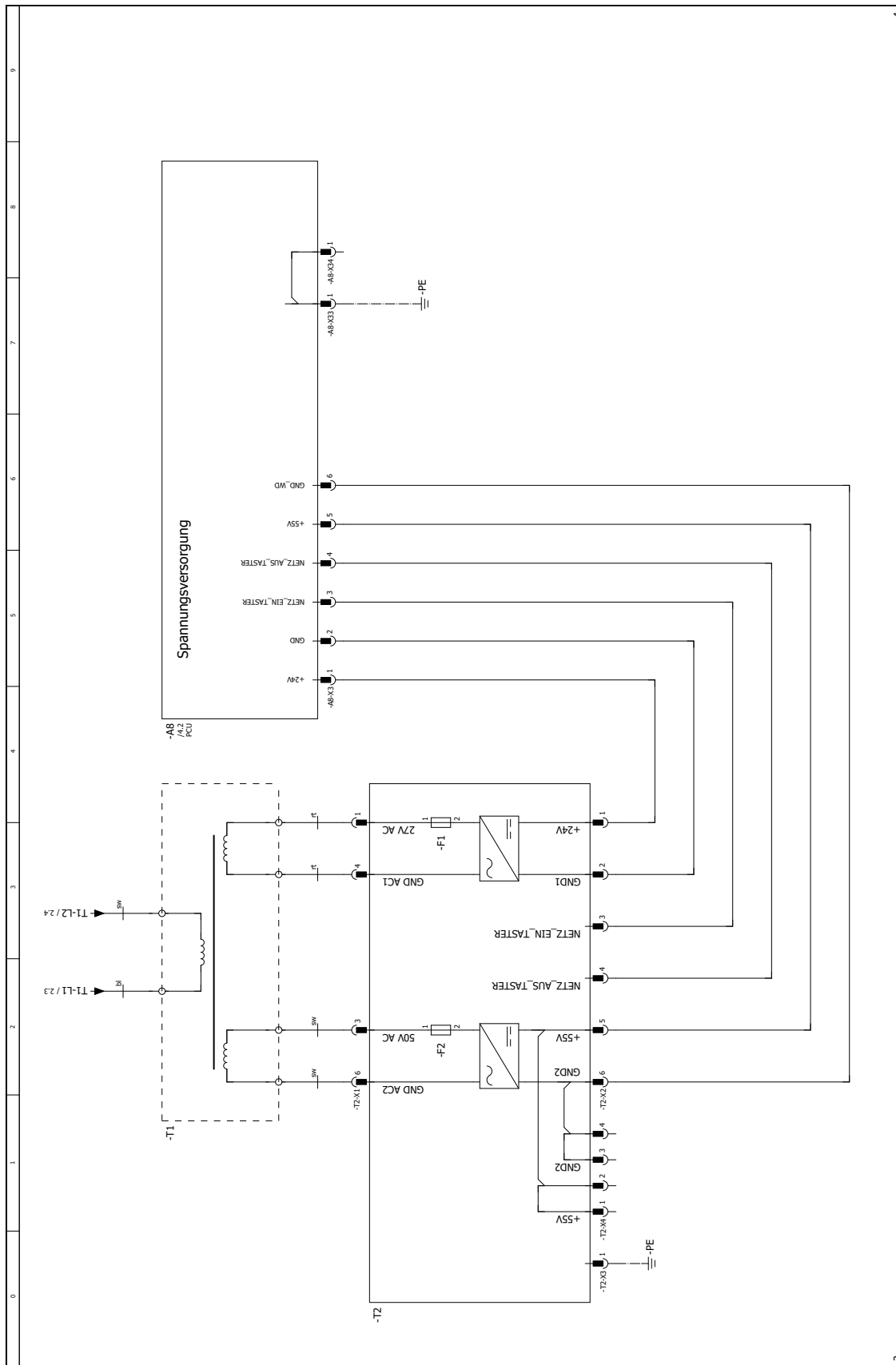
Next 452 AC (Circuit No. 2893)



Aenderung		Datum	Name	Unger
Datum		26.07.2019	huedel	
Baueb		huedel		
Gepr				
Name				
Unger				
QJMED NextT 452 AC				
Netz				
Plan Nr.:		2893		
Komm.:				
Blatt		2		
28 Blatt				

Circuit No. 2893

Compare the circuit number with the one of your machine

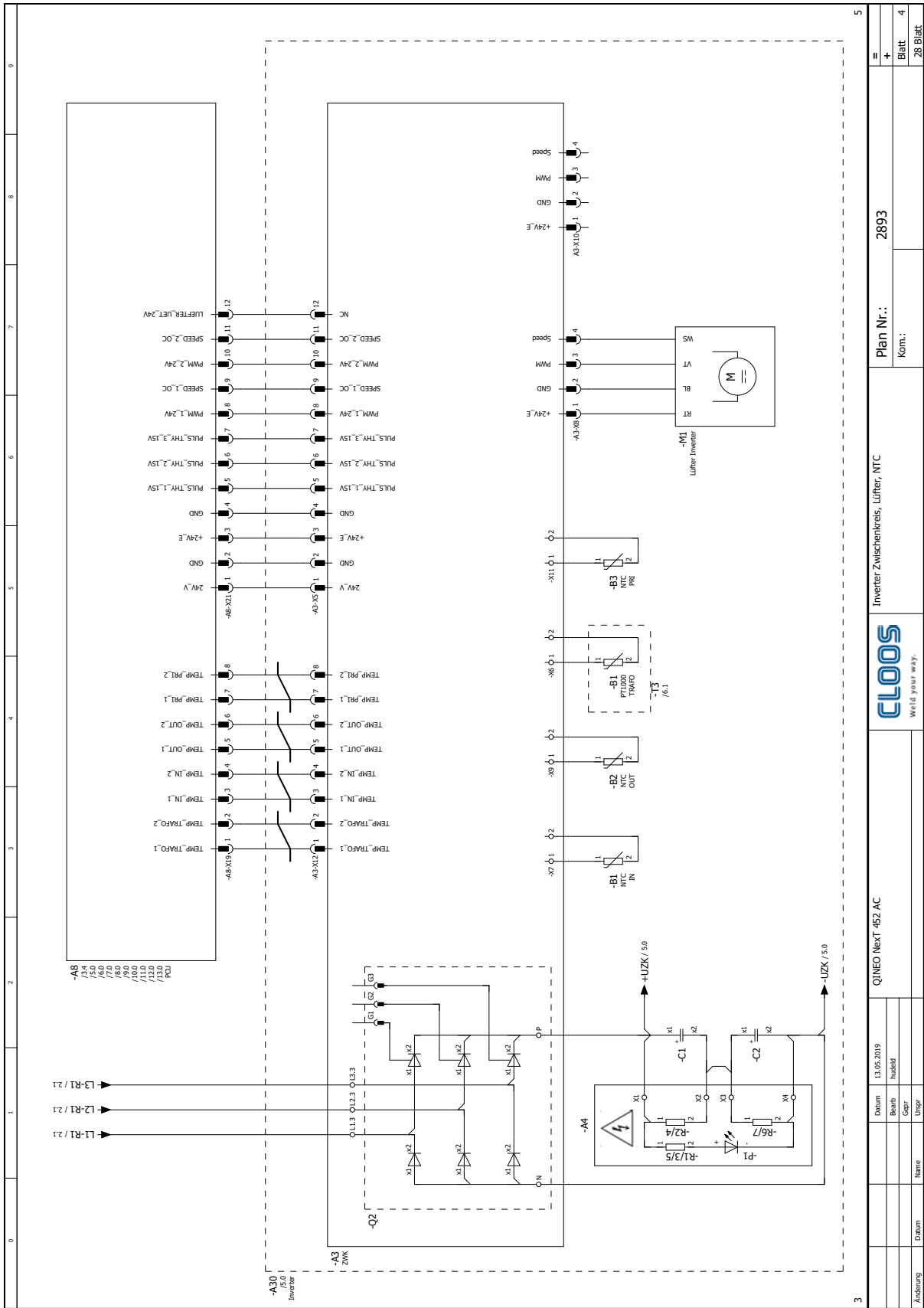


2	3	4	5	6	7	8	9	
Anänderung		Datum	Name	Ung.	QIMEO Next 452 AC			Steuertrafo, Netzteil
		Datum	25.04.2019	huddel	Plan Nr.: 2893			
		Beib. Gepr.			Kom.:			
					Blatt			3
					28 Blatt			4



Circuit No. 2893

Compare the circuit number with the one of your machine

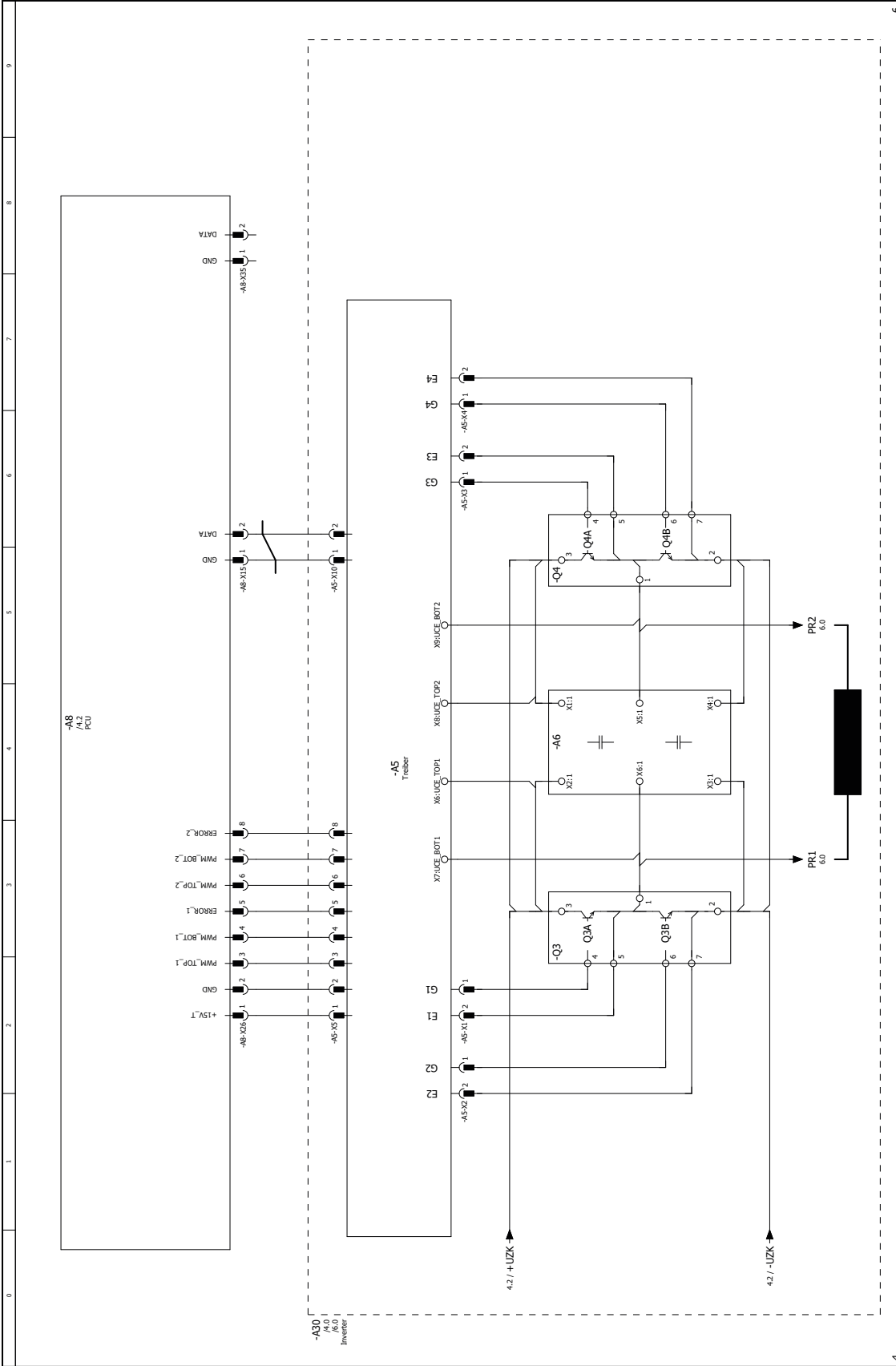


QINEO NextT 452 AC		Inverter Zwischenkreis, Lüfter, NTC		Plan Nr.: 2893	
Datum: 13.05.2019		Gepr.: huudol		Kom.:	
Beerb.:		Gepr.:		Ung.:	
Name:		Datum:		Anl.:	
Blatt: 4		28 Blatt			



Circuit No. 2893

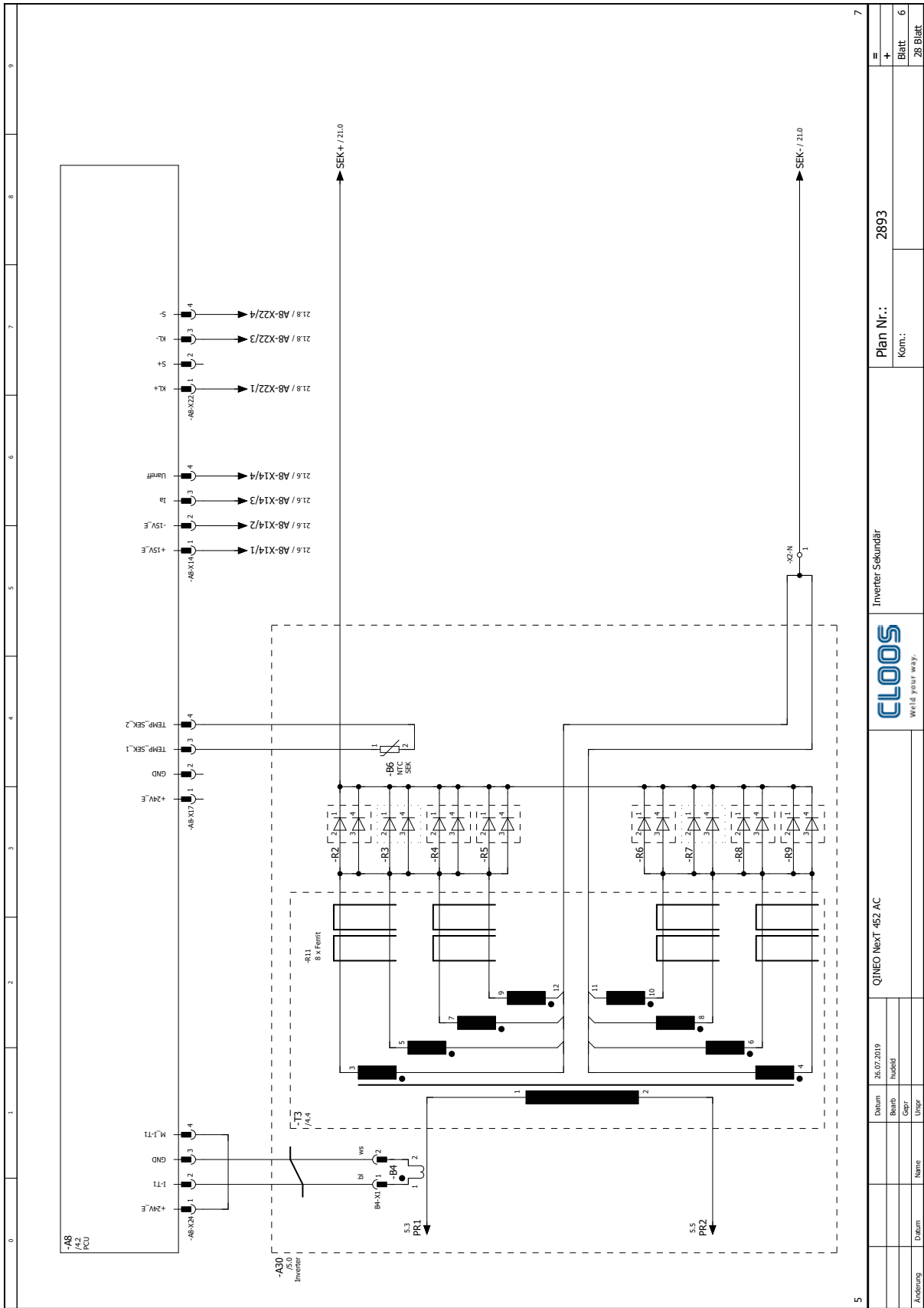
Compare the circuit number with the one of your machine



Änderung	Datum	Name	Unger	QINEO Next-152 AC		Inverter Primär		Plan Nr.: 2893	Blatt 5
	25.04.2019	huddel						Kom.:	28 Blatt

Circuit No. 2893

Compare the circuit number with the one of your machine



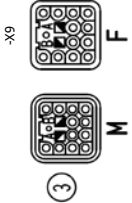
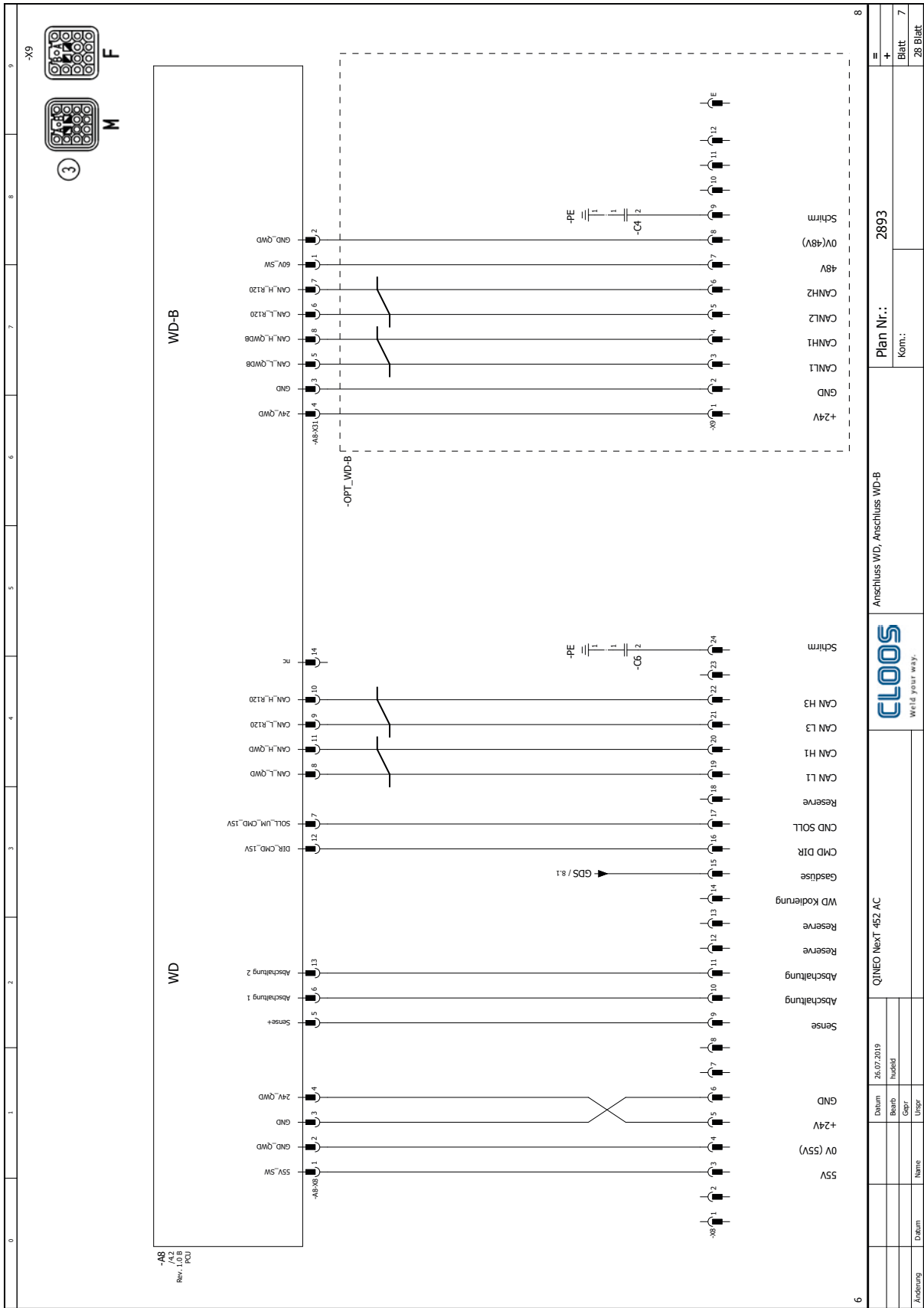
7	8	9	Plan Nr.: 2893	Blatt 6
			Kom.:	28 Blatt
			Inverter Sekundär	
			CLOOS World your way.	
			QINEO Next 452 AC	
Datum		26.07.2019	Gepr. h/udd	
Bearb.			Gepr.	
Name			Unger.	
Datum				
Änderung				

Circuit No. 2893

Compare the circuit number with the one of your machine

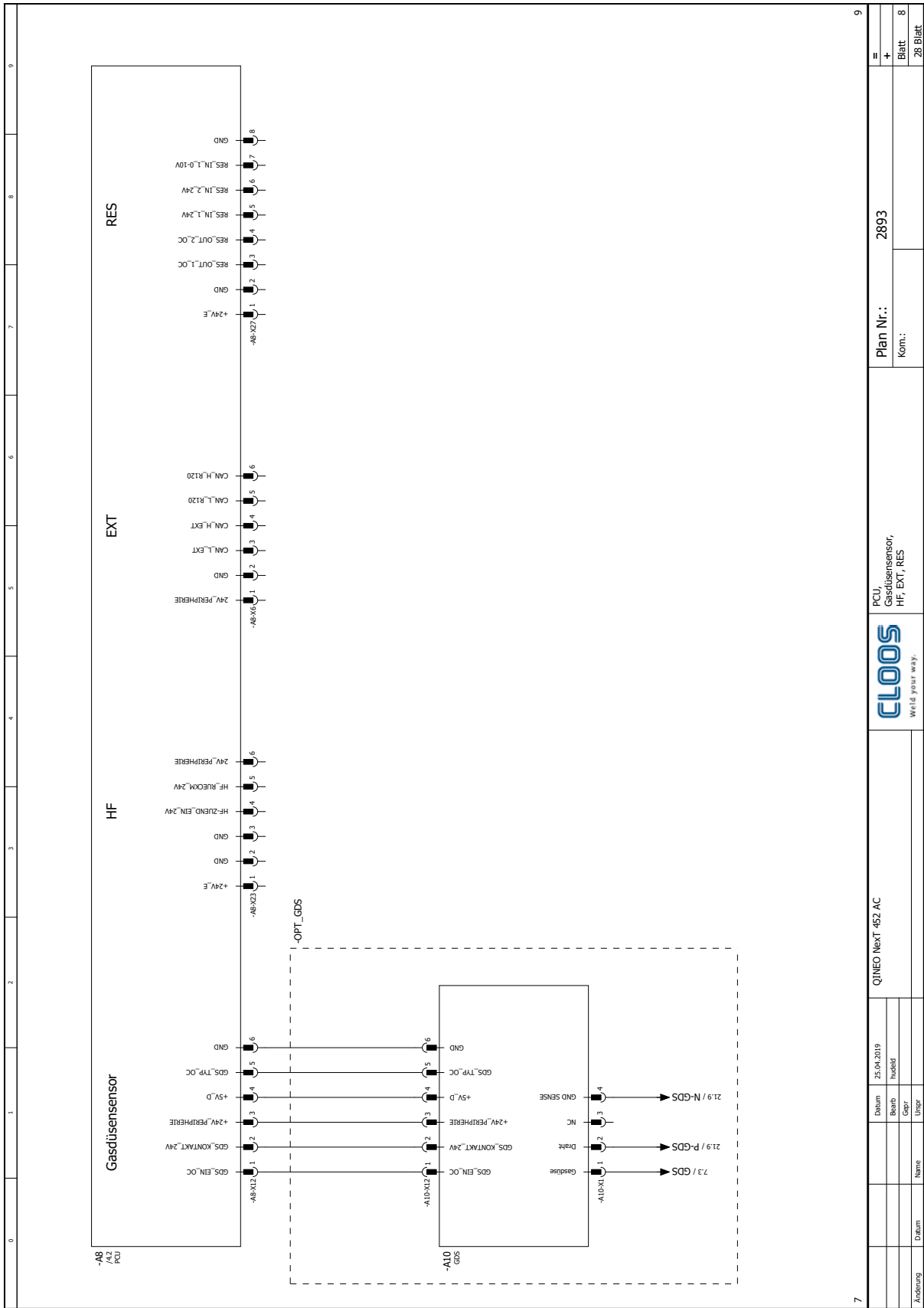
Circuit No. 2893

Compare the circuit number with the one of your machine



0 1 2 3 4 5 6 7 8 9

6 8

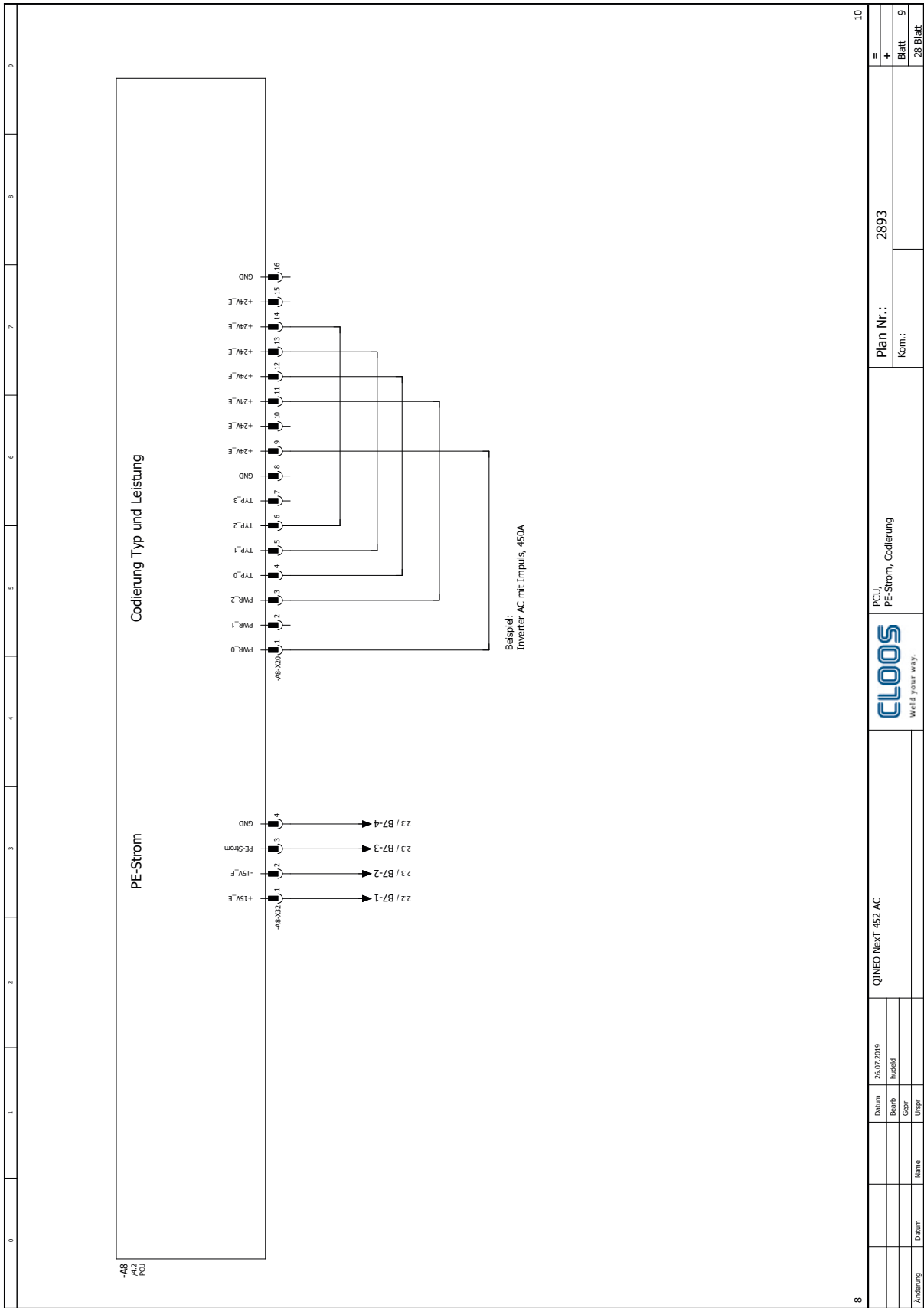


7		QINEO Next 452 AC		PCU Gasdüsensensor, HF, EXT, RES		Plan Nr.: 2893		9	
Datum		25.04.2019		Blatt		Blatt		8	
Name		Unger		Gepr.		Kom.:		28 Blatt	
Änderung									



Circuit No. 2893

Compare the circuit number with the one of your machine

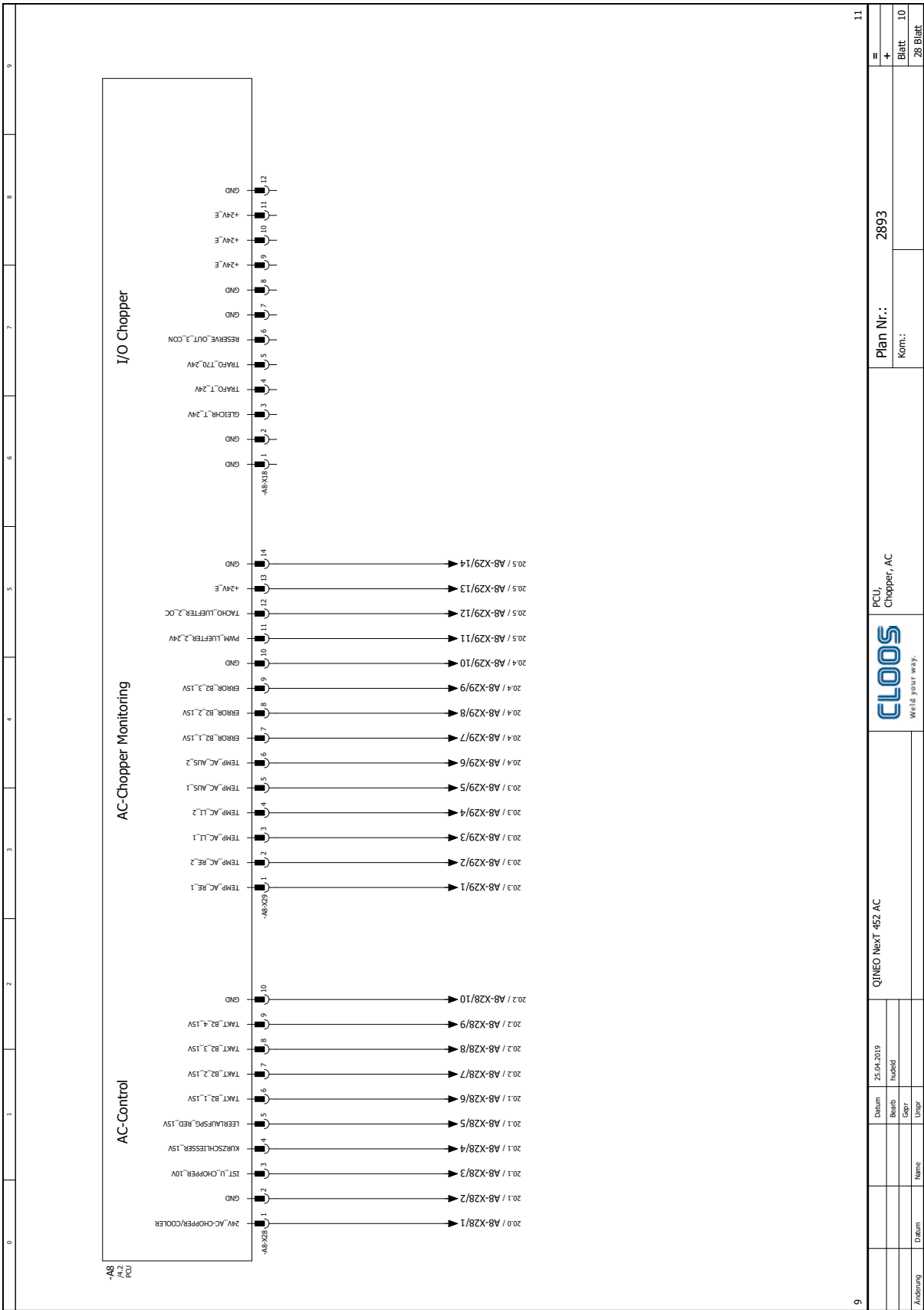


8

10

Circuit No. 2893
Compare the circuit number with the one of your machine

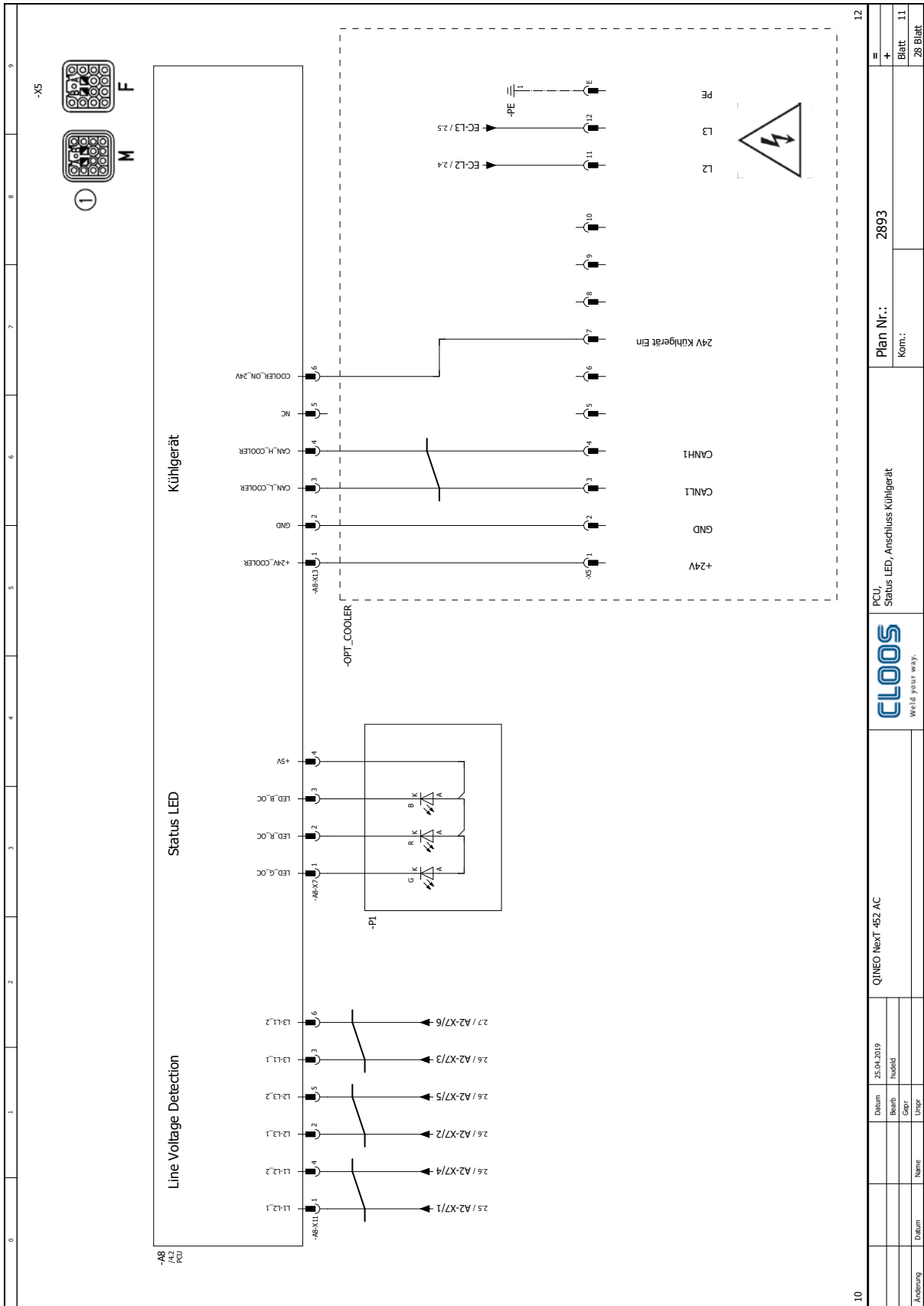
Änderung	Datum	Name	QINEO NextT 452 AC		FCU, PE-Strom, Codierung	Plan Nr.: 2893	Blatt 9
	Datum	Name	26.07.2019				
	Beib.	huidid				Kom.:	28 Blatt
	Gepr.						
	Ungr.						



9 11

Änderung	Datum	Name	Ung.	Gepr.	huobdi	25.04.2019	QINEO Next 452 AC	FCU, Chopper, AC	Plan Nr.: 2893	Kom.:	Blatt	10
	28 Blatt											

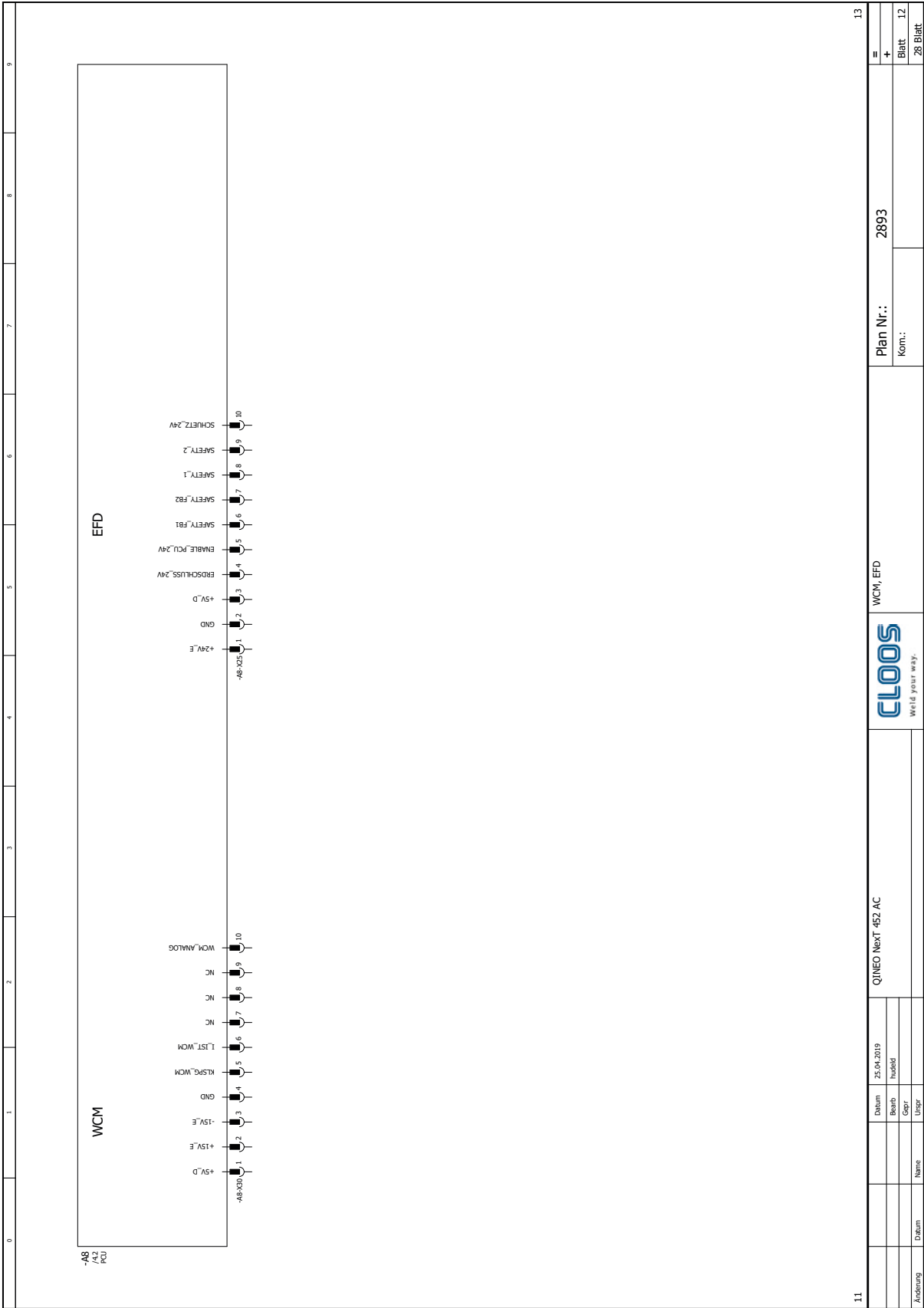
Circuit No. 2893
 Compare the circuit number with the one of your machine



10

12

QINEO NextT 452 AC	Plan Nr.: 2893	Blatt 11
PCU, Status LED, Anschluss Kühlergerät	Kom.:	28 Blatt
Datum: 25.04.2019		
Beib.: hussold		
Gepr.:		
Ungr.:		
Name:		
Datum:		

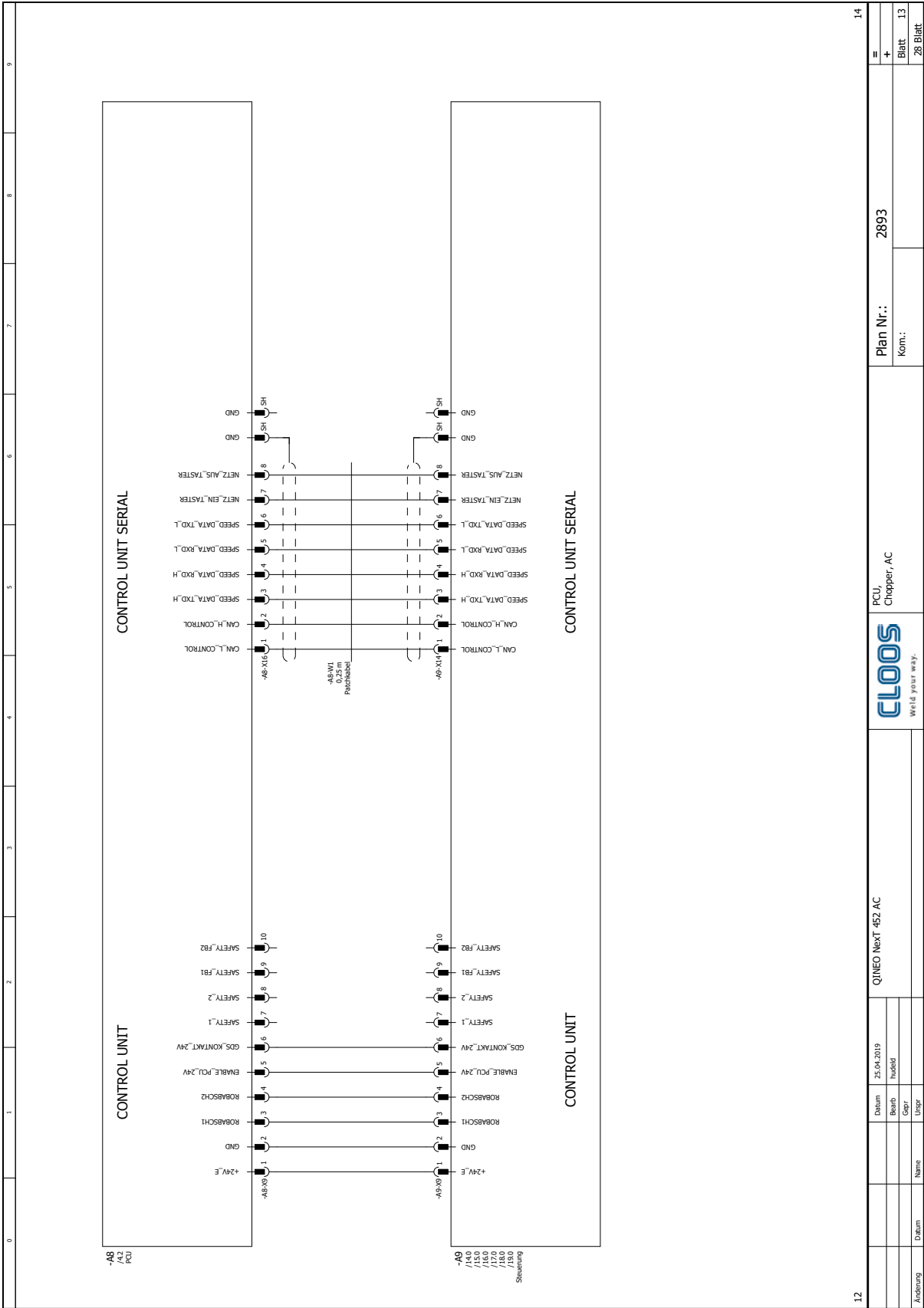


11		25.04.2019		QINEO Next 452 AC		WCM, EFD		Plan Nr.: 2893		13	
Datum		Beitrag		Gepr.		Name		Kom.:		Blatt 12	
Änderung		Datum		Ung.						28 Blatt	

Circuit No. 2893
Compare the circuit number with the one of your machine

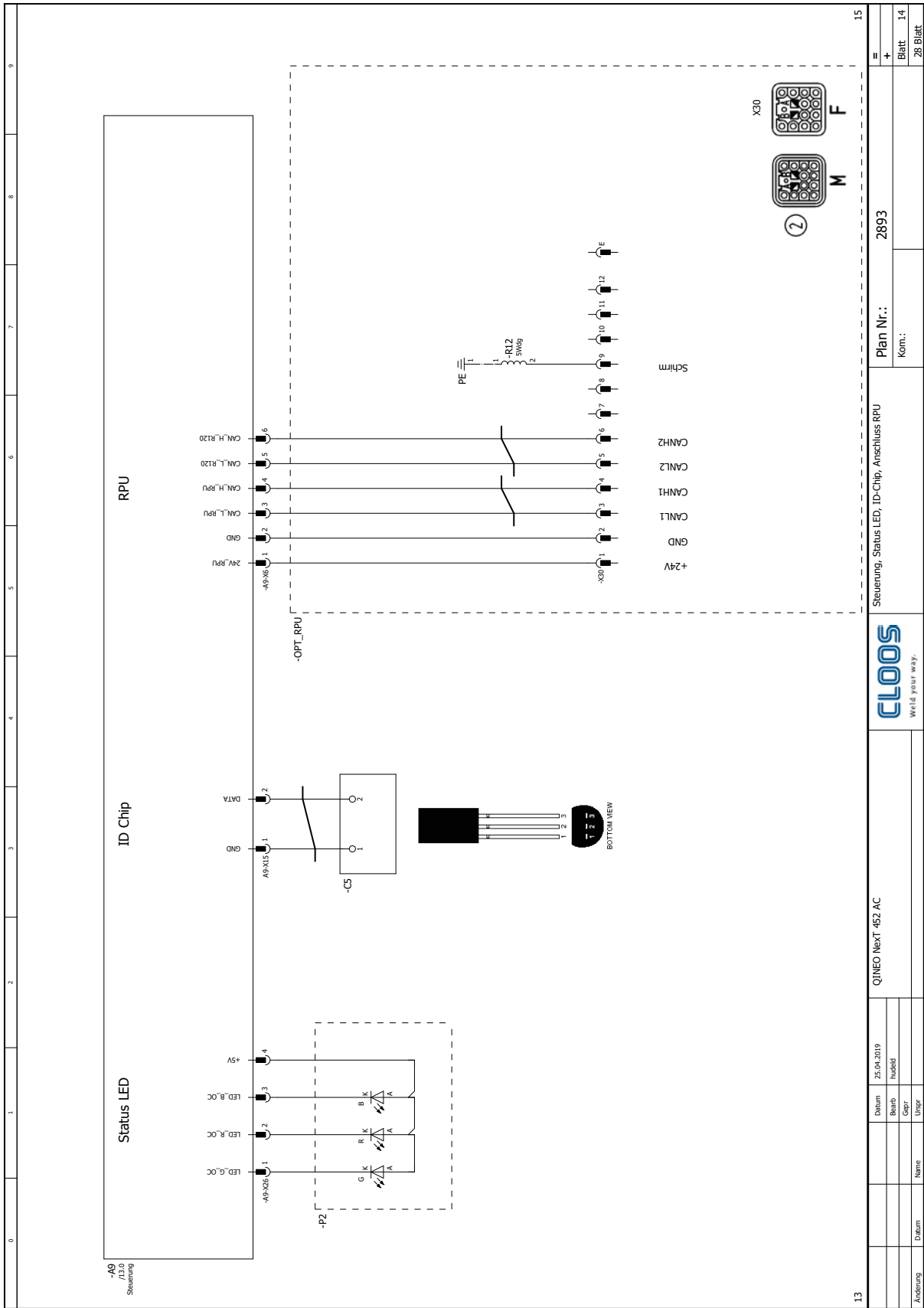
Circuit No. 2893

Compare the circuit number with the one of your machine



12		QINEO Next 452 AC	FCU, Chopper, AC	Plan Nr.: 2893		14
Datum	25.04.2019			Kom.:		Blatt 13
Beib.	huddel					28 Blatt
Gepr.						
Ungpr.						
Name						
Datum						
Änderung						





QINEO Next 452 AC

Steuerung, Status LED, ID-Chip, Anschluss RPU

Plan Nr.: 2893

Kom.:

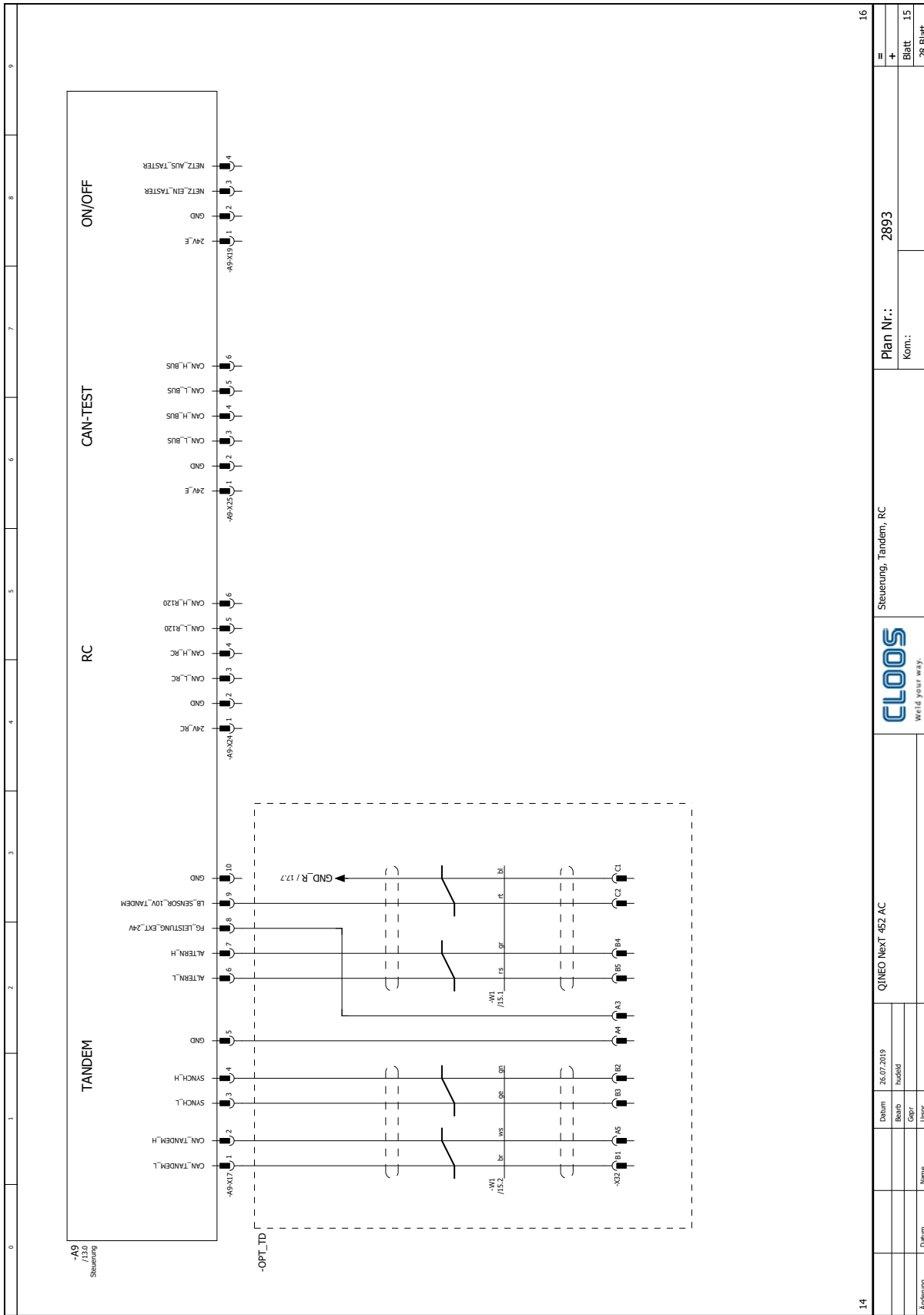
Blatt 14
28 Blatt

13

15

Circuit No. 2893

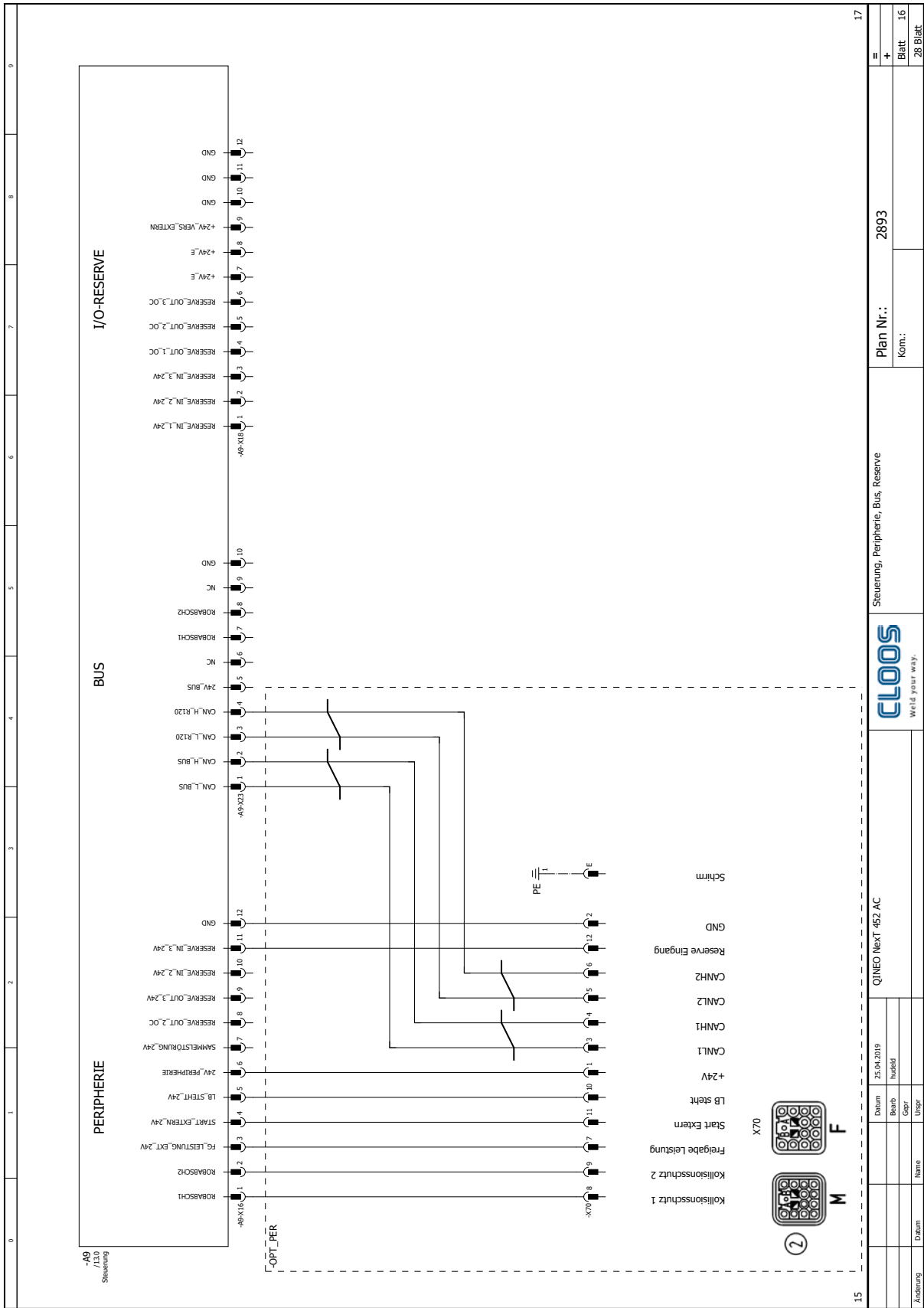
Compare the circuit number with the one of your machine



Circuit No. 2893

Compare the circuit number with the one of your machine

14	QINEO Next 452 AC	Steuerung, Tandem, RC	2893	16
Datum: 26.07.2019		Plan Nr.: 2893		Blatt 15 28 Blatt
Beib: hu/dtd		Kom.:		
Gepr:				
Name:				
Datum:				
Unger:				
Anoelung:				



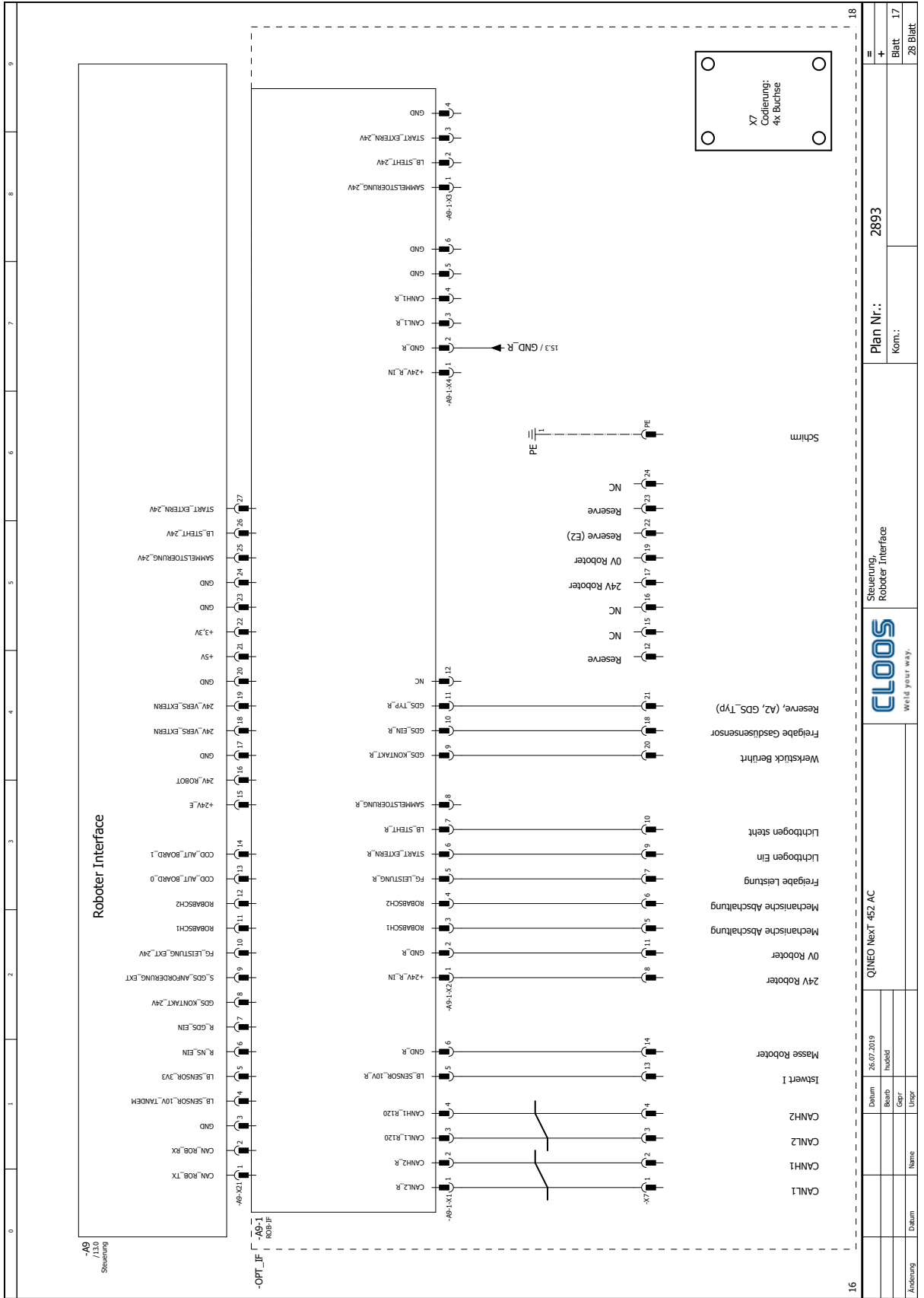
17		=		Plan Nr.: 2893		Steuerung, Peripherie, Bus, Reserve	
+		Blatt 16		Kom.:			
28 Blatt							
15		QINEO Next 452 AC		CLOOS		World your way.	
Datum: 25.04.2019		Gepr.:		Name:		Datum:	
Bearb.:		Ung.:		Name:		Datum:	
Gepr.:		Ung.:		Name:		Datum:	

Circuit No. 2893

Compare the circuit number with the one of your machine

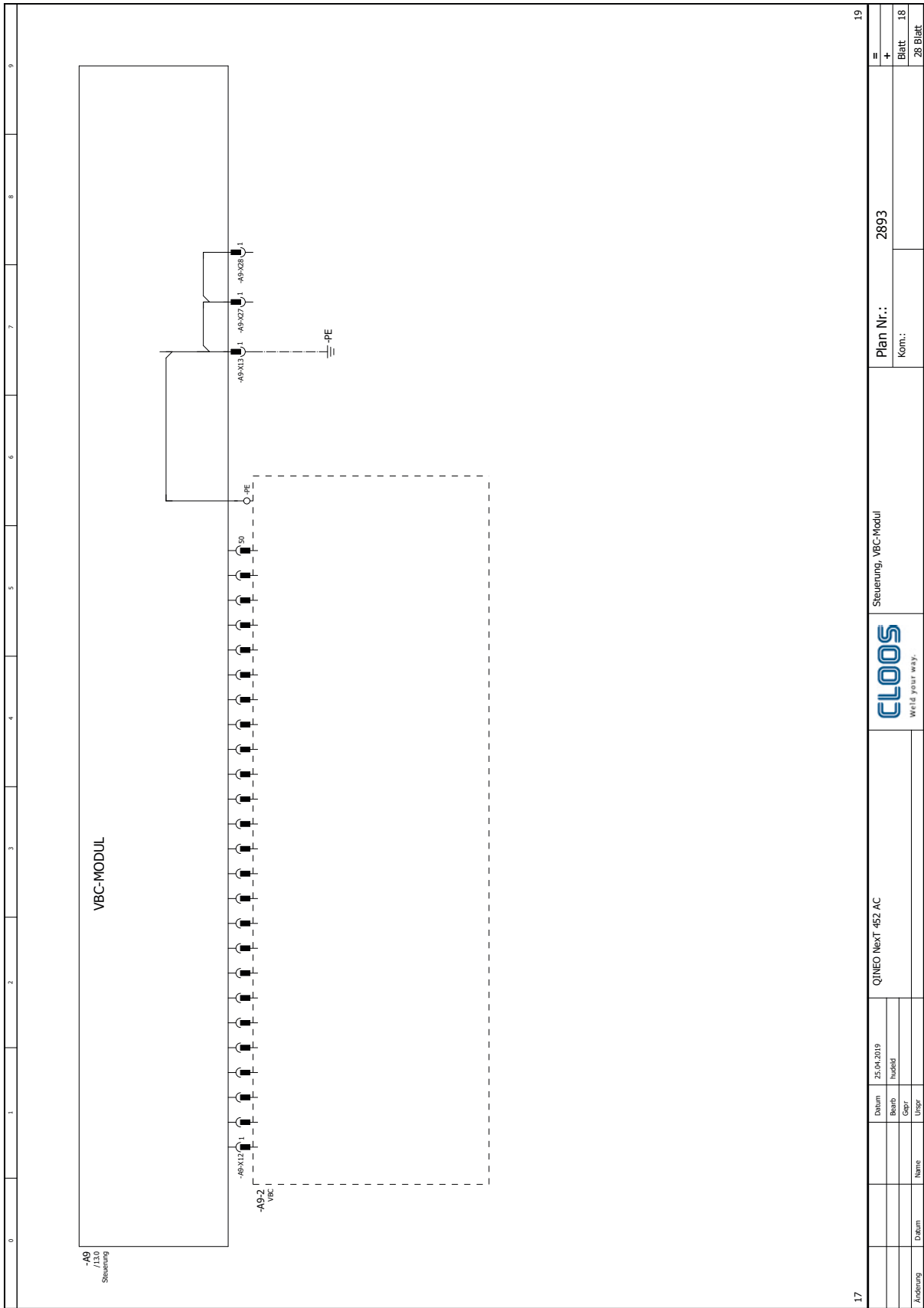
Circuit No. 2893

Compare the circuit number with the one of your machine



16	17	18	19	20	21	22	23	24	25
QINEO Next 462 AC									
Steuerung, Roboter Interface					Plan Nr.: 2893				
					Kom.:				
					Blatt 17				
					28 Blatt				





0 1 2 3 4 5 6 7 8 9

A9
/130
Steuerung

VBC-MODUL

A9-X17
1
-A9-2
VBC

30

A9-X13
1

A9-X27
1

A9-X28
1

PE

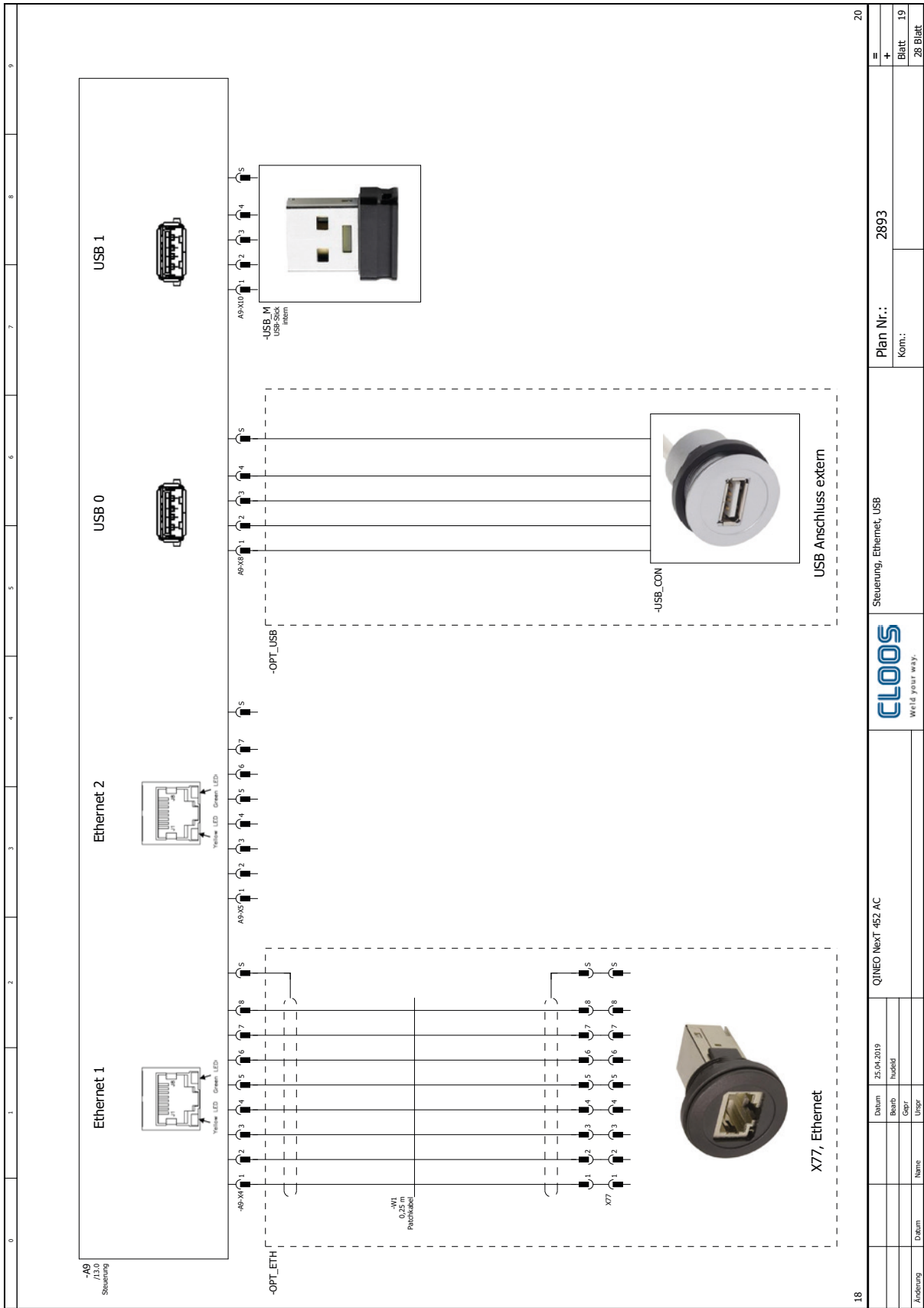
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17

Änderung	Datum	Name	Unger	Datum	Unger	QINEO Next 452 AC	Steuerung, VBC-Modul	Plan Nr.: 2893	Kom.:	Blatt 18	28 Blatt
	Datum										
	Beib.										
	Gepr.										

Circuit No. 2893

Compare the circuit number with the one of your machine



18

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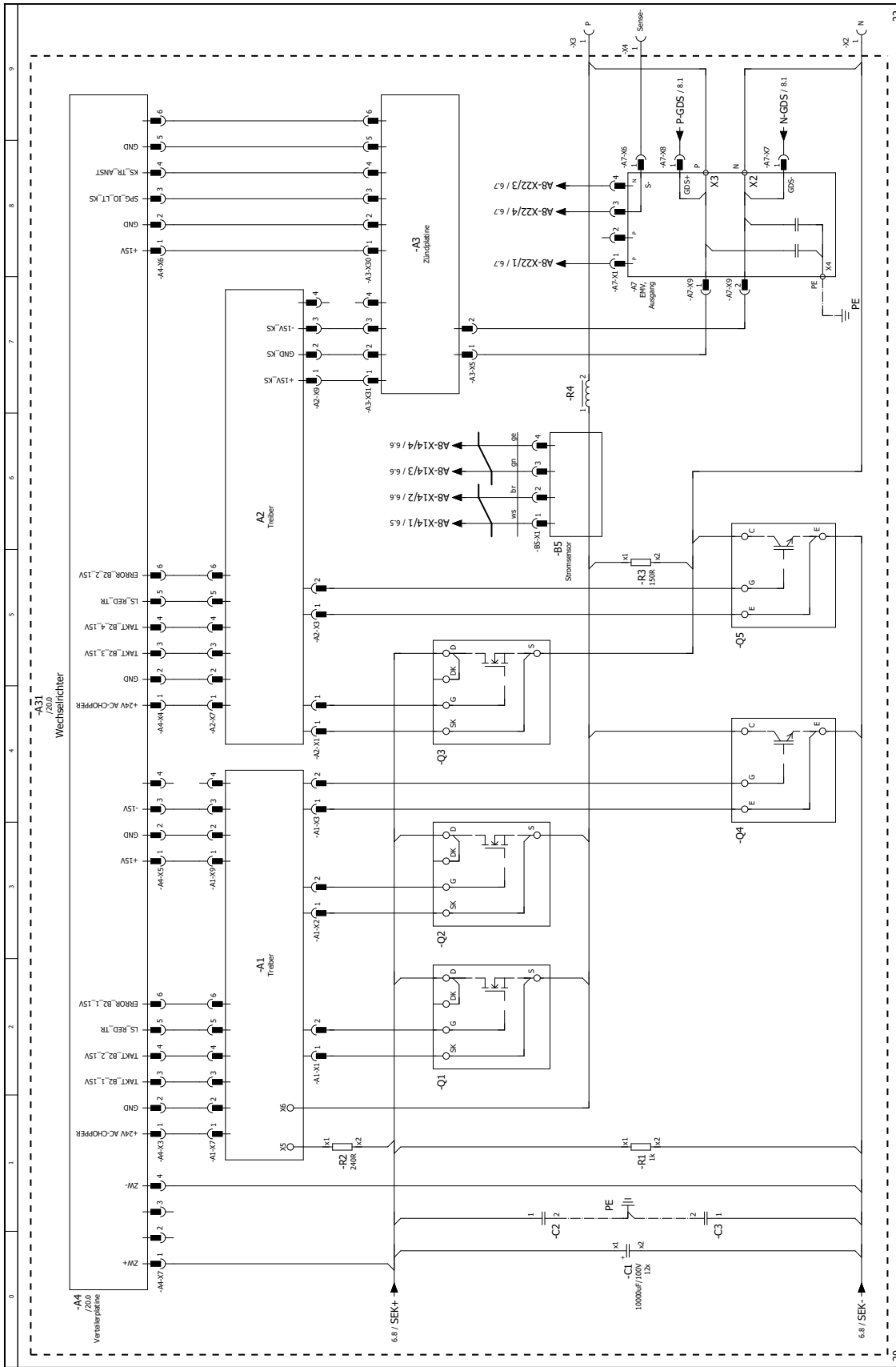
Circuit No. 2893
Compare the circuit number with the one of your machine

QINEO NextT 452 AC		Steuerung, Ethernet, USB		Plan Nr.: 2893
Datum: 25.04.2019	Beitrag: hueddi	Kom.:		Blatt 19
Name:		Unger:		28 Blatt
Datum:		Name:		
Änderung:		Name:		



Circuit No. 2893

Compare the circuit number with the one of your machine



20		22
QINEO Next 452 AC	Wechselrichter, Ausgang	2893
Plan Nr.:	Kom.:	Blatt 21
28 Blatt		
Datum	Name	
26.07.2019	huidd	
Beinh.	Gepr.	
Ungr.		



Electrical parts list - Circuit No. 2893 (NexT 452 AC)

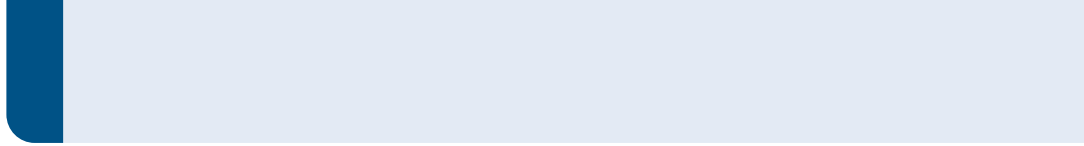
Item	Part number	Designation
A1	0033253900	QINEO NX, board mains filter
A1-B7	0029210900	Current sensor 50 A
A1-R1	-> A1	
A2	0033254000	QINEO NX, mains voltage recording
A2-F1	0016020187	Fuse 6.3x32mm, T4A, 500V
A2-F2	0016020187	Fuse 6.3x32mm, T4A, 500V
A2-F3	0016020187	Fuse 6.3x32mm, T4A, 500V
A2-X4	0011043803	Socket board 3 pole
A2-X5	0011043802	Socket board 2 pole
A2-X6	0011043802	Socket board 2 pole
A2-X7	0011043006	Housing for bushing Mini Universal MNL 6 pole
A2-X7	0011043001	Bushing Mini Universal 26-22AWG
A8	0033253200	QN NX, PCU
A8-W1	0038142716	Patch cable green 0.25m
A8-X3	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X3	0011043000	Bushing Mini Universal 20-16AWG
A8-X6	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X6	0011043000	Bushing Mini Universal 20-16AWG
A8-X7	0011036714	Bushing housing 4-pole, 2.54mm
A8-X7	0011036715	Bushing 4908, 22-30 AWG
A8-X8	0011043014	Housing for bushing Mini Universal MNL 14 pole
A8-X8	0011043000	Bushing Mini Universal 20-16AWG
A8-X9	0011043010	Housing for bushing Mini Universal MNL 10 pole
A8-X9	0011043000	Bushing Mini Universal 20-16AWG
A8-X11	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X11	0011043000	Bushing Mini Universal 20-16AWG
A8-X12	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X12	0011043000	Bushing Mini Universal 20-16AWG
A8-X14	0011036714	Bushing housing 4-pole, 2.54mm
A8-X14	0011036715	Bushing 4908, 22-30 AWG
A8-X15	0011043002	Housing for bushing Mini Universal MNL 2 pole
A8-X15	0011043000	Bushing Mini Universal 20-16AWG
A8-X17	0011043004	Housing for bushing Mini Universal MNL 4 pole
A8-X17	0011043001	Bushing Mini Universal 26-22AWG
A8-X18	0011043012	Housing for bushing Mini Universal MNL 12 pole
A8-X18	0011043000	Bushing Mini Universal 20-16AWG
A8-X19	0011043008	Housing for bushing Mini Universal MNL 8 pole
A8-X19	0011043000	Bushing Mini Universal 20-16AWG
A8-X20	0011043116	Housing for bushing MICRO MNL 16 pole
A8-X20	0011043100	Bushing MICRO MNL 24-20AWG
A8-X21	0011043012	Housing for bushing Mini Universal MNL 12 pole
A8-X21	0011043000	Bushing Mini Universal 20-16AWG
A8-X22	0011043004	Housing for bushing Mini Universal MNL 4 pole
A8-X22	0011043000	Bushing Mini Universal 20-16AWG
A8-X23	0011043006	Housing for bushing Mini Universal MNL 6 pole
A8-X23	0011043000	Bushing Mini Universal 20-16AWG
A8-X24	0011043004	Housing for bushing Mini Universal MNL 4 pole
A8-X24	0011043000	Bushing Mini Universal 20-16AWG
A8-X25	0011043010	Housing for bushing Mini Universal MNL 10 pole
A8-X25	0011043000	Bushing Mini Universal 20-16AWG
A8-X26	0011043008	Housing for bushing Mini Universal MNL 8 pole
A8-X26	0011043000	Bushing Mini Universal 20-16AWG
A8-X27	0011043008	Housing for bushing Mini Universal MNL 8 pole
A8-X27	0011043000	Bushing Mini Universal 20-16AWG
A8-X28	0011043010	Housing for bushing Mini Universal MNL 10 pole
A8-X28	0011043000	Bushing Mini Universal 20-16AWG
A8-X29	0011043014	Housing for bushing Mini Universal MNL 14 pole
A8-X29	0011043000	Bushing Mini Universal 20-16AWG
A8-X30	Opt. WCM	

Item	Part number	Designation
A8-X32	0011036714	Bushing housing 4-pole, 2.54mm
A8-X32	0011036715	Bushing 4908, 22-30 AWG
A8-X33	0035020022	Receptacle, insulated, 6.3mm
A8-X34	0035020022	Receptacle, insulated, 6.3mm
A8-X35	0011043002	Housing for bushing Mini Universal MNL 2 pole
A8-X35	0011043000	Bushing Mini Universal 20-16AWG
A9	0033101400	QINEO NX control
A9-2	0831058001	Q-VBC, CC - PROFIBUS
A9-2	0831058011	Q-VBC, CC - PROFINET
A9-2	0831058021	Q-VBC, CC - DeviceNet
A9-X4	-> A9	
A9-X5	-> A9	
A9-X6	0011043006	Housing for bushing Mini Universal MNL 6 pole
A9-X6	0011043000	Bushing Mini Universal 20-16AWG
A9-X8	-> A9	
A9-X9	0011043010	Housing for bushing Mini Universal MNL 10 pole
A9-X9	0011043000	Bushing Mini Universal 20-16AWG
A9-X10	-> A9	
A9-X12	-> A9	
A9-X13	0035020022	Receptacle, insulated, 6.3mm
A9-X15	0011043002	Housing for bushing Mini Universal MNL 2 pole
A9-X15	0011043000	Bushing Mini Universal 20-16AWG
A9-X18	0011043012	Housing for bushing Mini Universal MNL 12 pole
A9-X18	0011043000	Bushing Mini Universal 20-16AWG
A9-X19	0011043004	Housing for bushing Mini Universal MNL 4 pole
A9-X19	0011043000	Bushing Mini Universal 20-16AWG
A9-X21	-> A9	
A9-X24	0011043006	Housing for bushing Mini Universal MNL 6 pole
A9-X24	0011043000	Bushing Mini Universal 20-16AWG
A9-X25	0011043006	Housing for bushing Mini Universal MNL 6 pole
A9-X25	0011043000	Bushing Mini Universal 20-16AWG
A9-X26	0011036714	Bushing housing 4-pole, 2.54mm
A9-X26	0011036715	Bushing 4908, 22-30 AWG
A9-X27	0035020022	Receptacle, insulated, 6.3mm
A9-X28	0035020022	Receptacle, insulated, 6.3mm
A30	0055654500	QN NX 450, power unit
A30-A3	0033253110	QN NX 450 charging unit
A30-A3-Q2	0055650002	Bridge rectifier partially controlled, B6H, 180A/1800V
A30-A3-X5	0011043012	Housing for bushing Mini Universal MNL 12 pole
A30-A3-X5	0011043000	Bushing Mini Universal 20-16AWG
A30-A3-X8	0011043004	Housing for bushing Mini Universal MNL 4 pole
A30-A3-X8	0011043001	Bushing Mini Universal 26-22AWG
A30-A3-X10	0011043004	Housing for bushing Mini Universal MNL 4 pole
A30-A3-X10	0011043000	Bushing Mini Universal 20-16AWG
A30-A3-X12	0011043008	Housing for bushing Mini Universal MNL 8 pole
A30-A3-X12	0011043000	Bushing Mini Universal 20-16AWG
A30-A4	0033253600	QN NX, board balancing of interm. circuit voltage
A30-A5	0033101600	QN NX, DC V2 driver
A30-A5-X5	0011043008	Housing for bushing Mini Universal MNL 8 pole
A30-A5-X5	0011043000	Bushing Mini Universal 20-16AWG
A30-A5-X10	0011043002	Housing for bushing Mini Universal MNL 2 pole
A30-A5-X10	0011043000	Bushing Mini Universal 20-16AWG
A30-A6	0033254300	QN NX 450, board interm. circuit volt. MKP
A30-B1	0030040413	Temperature sensor NTC 10k, l=850mm
A30-B2	0030040413	Temperature sensor NTC 10k, l=850mm
A30-B3	0030040413	Temperature sensor NTC 10k, l=850mm
A30-B4	0055650013	Current sensor primary 100A
A30-B4-X1	0035020022	Receptacle, insulated, 6.3mm

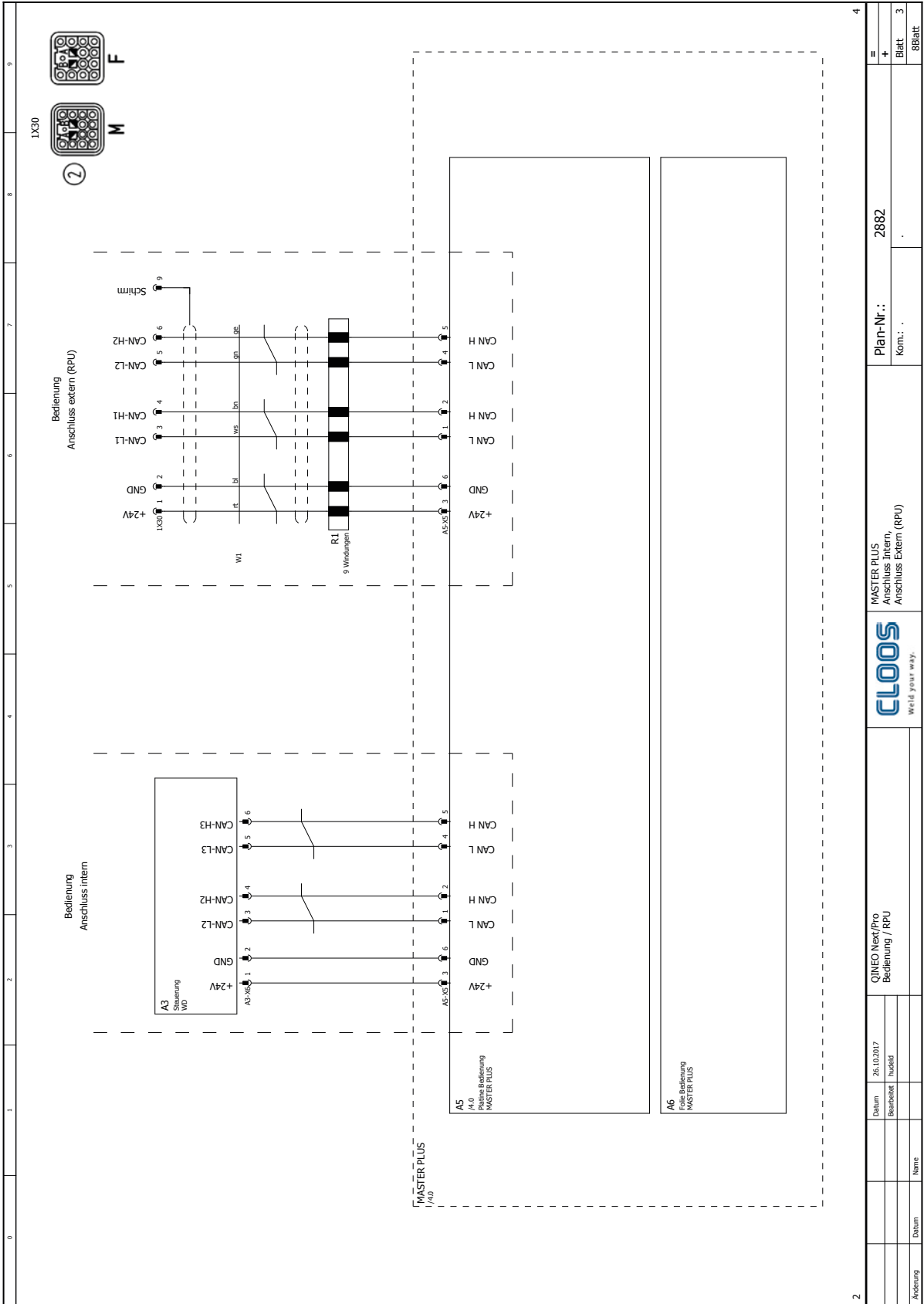
Item	Part number	Designation
A30-B6	0030040413	Temperature sensor NTC 10k, l=850mm
A30-C1	0021011316	Electr. capacitor 4700uF 450V
A30-C2	0021011316	Electr. capacitor 4700uF 450V
A30-M1	0022044800	Axial fan Ø172x51mm 24V DC, 58W, PWM
A30-Q3	0055650001	IGBT, 1200V/200A
A30-Q4	0055650001	IGBT, 1200V/200A
A30-R2	0055650003	Diode 2x120A/400V
A30-R3	0055650003	Diode 2x120A/400V
A30-R4	0055650003	Diode 2x120A/400V
A30-R5	0055650003	Diode 2x120A/400V
A30-R6	0055650003	Diode 2x120A/400V
A30-R7	0055650003	Diode 2x120A/400V
A30-R8	0055650003	Diode 2x120A/400V
A30-R9	0055650003	Diode 2x120A/400V
A30-R11	->T3	
A30-T3	0055654510	QN X 450, main transformer 450A
A30-T3-B1	-> T3	
A31	0055665000	QN NX AC, inverter
A31-A1	0033101500	QN NX, AC driver
A31-A1-X7	0011043006	Housing for bushing Mini Universal MNL 6 pole
A31-A1-X7	0011043000	Bushing Mini Universal 20-16AWG
A31-A1-X9	0011043004	Housing for bushing Mini Universal MNL 4 pole
A31-A1-X9	0011043000	Bushing Mini Universal 20-16AWG
A31-A2	0033101500	QN NX, AC driver
A31-A2-X7	0011043006	Housing for bushing Mini Universal MNL 6 pole
A31-A2-X7	0011043000	Bushing Mini Universal 20-16AWG
A31-A2-X9	0011043004	Housing for bushing Mini Universal MNL 4 pole
A31-A2-X9	0011043000	Bushing Mini Universal 20-16AWG
A31-A3	0033100900	Qineo Champ ignition board
A31-A3-X5	0011042902	Housing for bushing Universal MNL 2 pole
A31-A3-X5	0011042900	Bushing Universal 20-14AWG
A31-A3-X30	0011043106	Housing for bushing MICRO MNL 6 pole
A31-A3-X30	0011043100	Bushing MICRO MNL 24-20AWG
A31-A3-X31	0011043104	Housing for bushing MICRO MNL 4 pole
A31-A3-X31	0011043100	Bushing MICRO MNL 24-20AWG
A31-A4	0033254100	QN NX, AC distributor board
A31-A4-X1	0011043010	Housing for bushing Mini Universal MNL 10 pole
A31-A4-X1	0011043000	Bushing Mini Universal 20-16AWG
A31-A4-X2	0011043014	Housing for bushing Mini Universal MNL 14 pole
A31-A4-X2	0011043000	Bushing Mini Universal 20-16AWG
A31-A4-X3	0011043006	Housing for bushing Mini Universal MNL 6 pole
A31-A4-X3	0011043000	Bushing Mini Universal 20-16AWG
A31-A4-X4	0011043006	Housing for bushing Mini Universal MNL 6 pole
A31-A4-X4	0011043000	Bushing Mini Universal 20-16AWG
A31-A4-X5	0011043004	Housing for bushing Mini Universal MNL 4 pole
A31-A4-X5	0011043000	Bushing Mini Universal 20-16AWG
A31-A4-X6	0011043006	Housing for bushing Mini Universal MNL 6 pole
A31-A4-X6	0011043000	Bushing Mini Universal 20-16AWG
A31-A4-X7	0011043004	Housing for bushing Mini Universal MNL 4 pole
A31-A4-X7	0011043000	Bushing Mini Universal 20-16AWG
A31-A4-X11	0011043004	Housing for bushing Mini Universal MNL 4 pole
A31-A4-X11	0011043000	Bushing Mini Universal 20-16AWG
A31-A7	0033255000	QINEO NX AC, board EMC output
A31-A7-X1	0011043004	Housing for bushing Mini Universal MNL 4 pole
A31-A7-X1	0011043000	Bushing Mini Universal 20-16AWG
A31-A7-X5	0035020022	Receptacle, insulated, 6.3mm
A31-A7-X6	0035020022	Receptacle, insulated, 6.3mm
A31-A7-X7	0035020022	Receptacle, insulated, 6.3mm

Item	Part number	Designation
A31-A7-X8	0035020022	Receptacle, insulated, 6.3mm
A31-A7-X9	0011042902	Housing for bushing Universal MNL 2 pole
A31-A7-X9	0011042900	Bushing Universal 20-14AWG
A31-B1	0030040413	Temperature sensor NTC 10k, l=850mm
A31-B2	0030040413	Temperature sensor NTC 10k, l=850mm
A31-B3	0030040413	Temperature sensor NTC 10k, l=850mm
A31-B5	0055650012	Current sensor 700A
A31-B5-X1	0011036714	Bushing housing 4-pole, 2.54mm
A31-B5-X1	0011036715	Bushing 4908, 22-30 AWG
A31-C1	0021011289	Electr. capacitor 10000uF 100V
A31-C2	0021020210	Condensator 22nF 630V DC
A31-C3	0021020210	Condensator 22nF 630V DC
A31-M1	0022044700	Axial fan Ø172x51mm 24V DC PWM
A31-O1	0028082600	MOSFET module 580A/200V
A31-O2	0028082600	MOSFET module 580A/200V
A31-O3	0028082600	MOSFET module 580A/200V
A31-O4	0028082700	IGBT module 600A/200V
A31-O5	0028082700	IGBT module 600A/200V
A31-R1	0055650010	Resistor 1k, 100W, SOT 227
A31-R2	0055660003	Resistor 240R Isotop
A31-R3	0055660002	Resistor 150R SOT 227
A31-R4	0055660010	QN NX AC, welding current choke
A31-XS-M1	0011043054	4 pole pin housing Mini Universal MNL
A31-XS-M1	0011043050	Pin Mini Universal 20-16AWG
B7-X1	0011036714	Bushing housing 4-pole, 2.54mm
B7-X1	0011036715	Bushing 4908, 22-30 AWG
C5	0028090751	DS24B33+, 4kbit EEPROM serial (cable tree chip)
C6	0021011312	Axial capacitor 0.1uF/1000V
OPT_COOLER-A8-X13	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT_COOLER-A8-X13	0011043000	Bushing Mini Universal 20-16AWG
OPT_COOLER-X5	0010092504	Mounted housing HAN3A/7D/STAF6, PC
OPT_COOLER-X5	0010092515	Socket insert 12 pole
OPT_COOLER-X5	0010091830	Crimp contact bushing 0.5 HAN D
OPT_COOLER-X5	0010091923	Crimp contact bushing 1.5 HAN D
OPT_COOLER-X5	0010092524	Encoding pin Han Q12
OPT_ETH	0890050410	QN NX, Option Ethernet II
OPT_ETH-W1	0038142716	Patch cable green 0.25m
OPT_ETH-X77	0890050411	RJ45 Port, CAT.6 black
OPT_ETH-X77	0831059902	Protective cap for USB Port
OPT_GDS-A10	0033254700	QINEO NX, board gas nozzle sensor
OPT_GDS-A10-X1	0011043004	Housing for bushing Mini Universal MNL 4 pole
OPT_GDS-A10-X1	0011043000	Bushing Mini Universal 20-16AWG
OPT_GDS-A10-X12	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT_GDS-A10-X12	0011043000	Bushing Mini Universal 20-16AWG
OPT_IF-A9-1	0033101700	QN NX, OIROX interface
OPT_IF-A9-1-X1	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT_IF-A9-1-X1	0011043000	Bushing Mini Universal 20-16AWG
OPT_IF-A9-1-X2	0011043112	Housing for bushing MICRO MNL 12 pole
OPT_IF-A9-1-X2	0011043100	Bushing MICRO MNL 24-20AWG
OPT_IF-A9-1-X3	0011043104	Housing for bushing MICRO MNL 4 pole
OPT_IF-A9-1-X3	0011043100	Bushing MICRO MNL 24-20AWG
OPT_IF-A9-1-X4	0011043106	Housing for bushing MICRO MNL 6 pole
OPT_IF-A9-1-X4	0011043100	Bushing MICRO MNL 24-20AWG
OPT_IF-X7	0010110071	Mounted housing HAN6E
OPT_IF-X7	0010091315	Socket insert HAN24DD
OPT_IF-X7	0010091830	Crimp contact bushing 0.5 HAN D
OPT_IF-X7	0010091808	Guide bushing
OPT_PER-A9-X16	0011043012	Housing for bushing Mini Universal MNL 12 pole
OPT_PER-A9-X16	0011043000	Bushing Mini Universal 20-16AWG

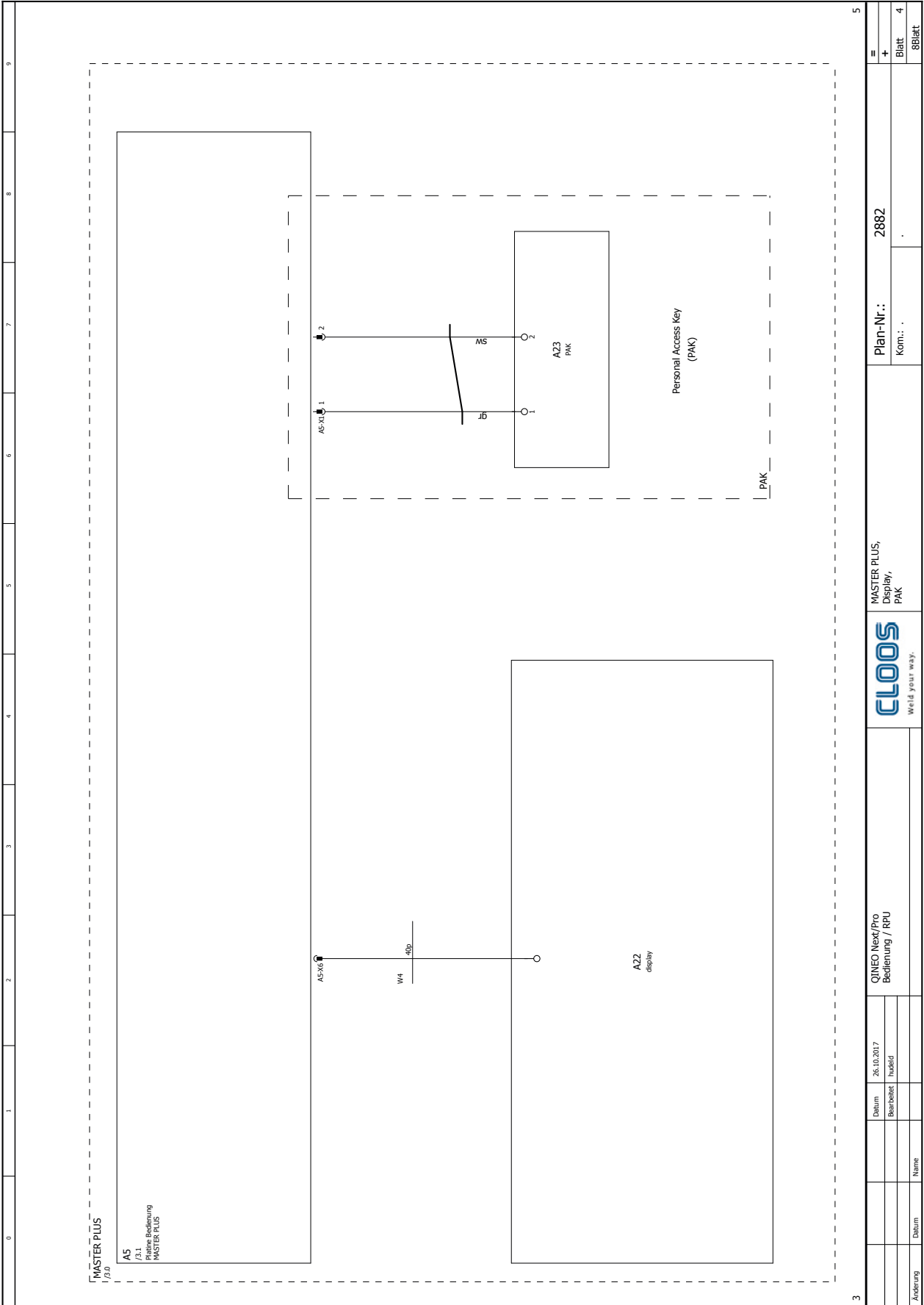
Item	Part number	Designation
OPT_PER-A9-X23	0011043010	Housing for bushing Mini Universal MNL 10 pole
OPT_PER-A9-X23	0011043000	Bushing Mini Universal 20-16AWG
OPT_PER-X70	0010092510	Mounted housing HAN3A/7D
OPT_PER-X70	0010092515	Socket insert 12 pole
OPT_PER-X70	0010091830	Crimp contact bushing 0.5 HAN D
OPT_PER-X70	0010092524	Encoding pin Han Q12
OPT_RPU-A9-X6	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT_RPU-A9-X6	0011043000	Bushing Mini Universal 20-16AWG
OPT_RPU-R12	0027092100	Ferrite core, OD17.5 ID9.5 L12.7
OPT_RPU-X30	0010092510	Mounted housing HAN3A/7D
OPT_RPU-X30	0010092515	Socket insert 12 pole
OPT_RPU-X30	0010091830	Crimp contact bushing 0.5 HAN D
OPT_RPU-X30	0010092524	Encoding pin Han Q12
OPT_TD-A9-X17	0011043010	Housing for bushing Mini Universal MNL 10 pole
OPT_TD-A9-X17	0011043001	Bushing Mini Universal 26-22AWG
OPT_TD-X32	0010091301	Mounted housing 15D/10A/STAF14
OPT_TD-X32	0010091829	Socket insert 15D
OPT_TD-X32	0010091880	Crimp contact bushing 0.14-0.37HAN/D
OPT_USB	0891050900	QN NX, module USB Port
OPT_USB-USB_CON	0891050901	USB Port 2.0 A-A, cable 0.5m
OPT_USB-USB_CON	0831059902	Protective cap for USB Port
OPT_WD-B-A8-X31	0011043008	Housing for bushing Mini Universal MNL 8 pole
OPT_WD-B-A8-X31	0011043000	Bushing Mini Universal 20-16AWG
OPT_WD-B-C4	0021011312	Axial capacitor 0.1uF/1000V
OPT_WD-B-X9	0010092510	Mounted housing HAN3A/7D
OPT_WD-B-X9	0010092515	Socket insert 12 pole
OPT_WD-B-X9	0010091810	Crimp contact bushing 1.0 HAN D
OPT_WD-B-X9	0010091830	Crimp contact bushing 0.5 HAN D
OPT_WD-B-X9	0010092524	Encoding pin Han Q12
P1	0020030132	QN NX, signal LED
P2	0020030132	QN NX, signal LED
Q1	0003224110	Main switch 40A
R1	0027092550	Power choke 3x40A
T1	0027063700	QN NX control transformer 360-480V, 560VA
T2	0033254600	QINEO NX, power supply board
T2-F1	0016040003	Microfuse 5x20mm, 16A, M
T2-F2	0016040003	Microfuse 5x20mm, 16A, M
T2-X1	0011043006	Housing for bushing Mini Universal MNL 6 pole
T2-X1	0011043000	Bushing Mini Universal 20-16AWG
T2-X2	0011043006	Housing for bushing Mini Universal MNL 6 pole
T2-X2	0011043000	Bushing Mini Universal 20-16AWG
T2-X3	0035020022	Receptacle, insulated, 6.3mm
T2-X4	0011043004	Housing for bushing Mini Universal MNL 4 pole
T2-X4	0011043000	Bushing Mini Universal 20-16AWG
USB_M	0029210810	QN NexT USB stick 8GB
X1	0033048410	PE/N rail
X2	0073039500	Panel jack 70/95mm ² TM
X2-N	0032051500	Insulator 30x30, M8
X3	0073039500	Panel jack 70/95mm ² TM
X4	Option Sense	
X8	0010110071	Mounted housing HAN6E
X8	0010091315	Socket insert HAN24DD
X8	0010091810	Crimp contact bushing 1.0 HAN D
X8	0010091830	Crimp contact bushing 0.5 HAN D



RPU MasterPlus/Premium (Circuit No. 2882)

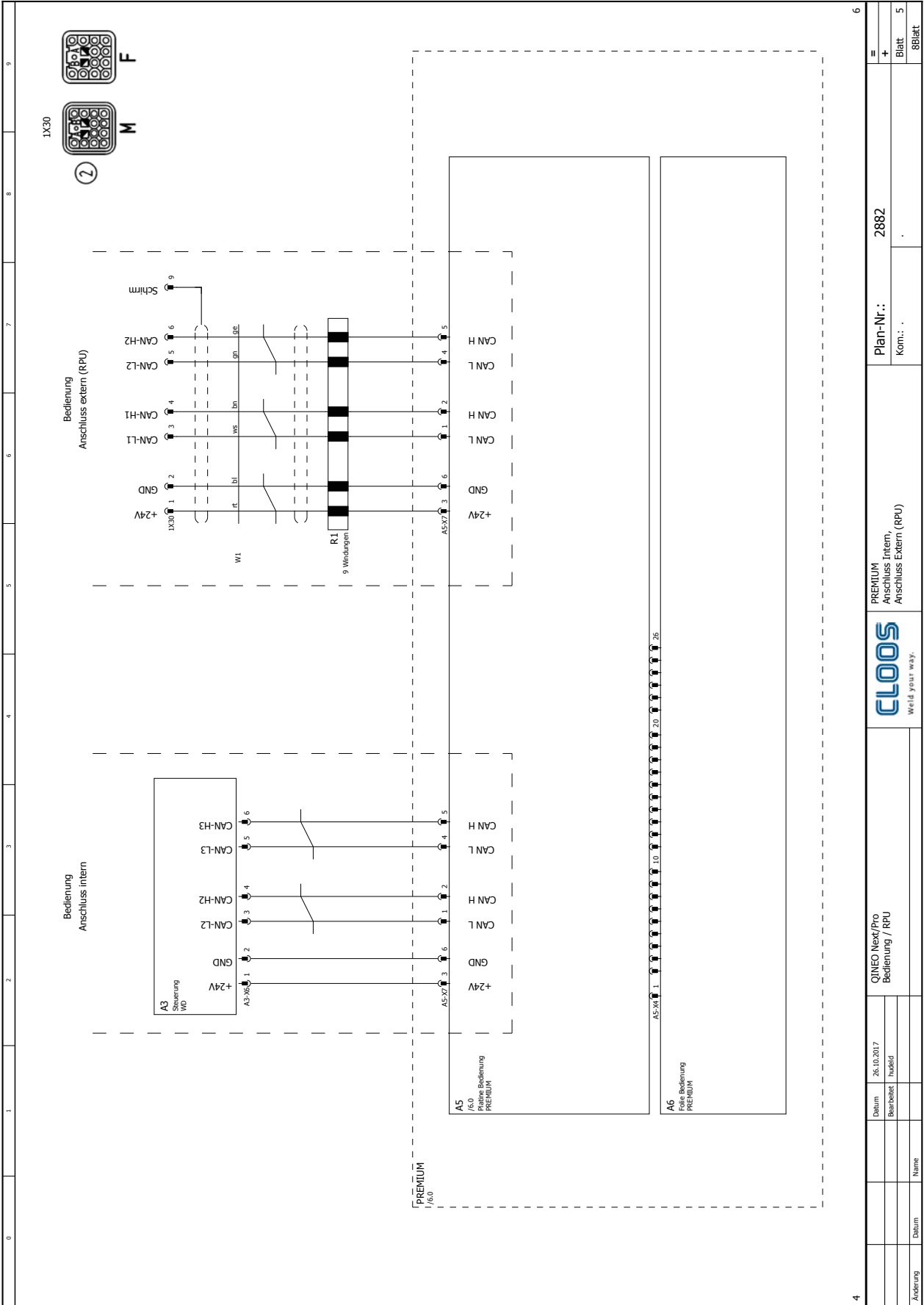


Circuit No. 2882 (RPU MasterPlus)
Compare the circuit number with the one of your machine



Circuit No. 2882 (RPU MasterPlus)
Compare the circuit number with the one of your machine

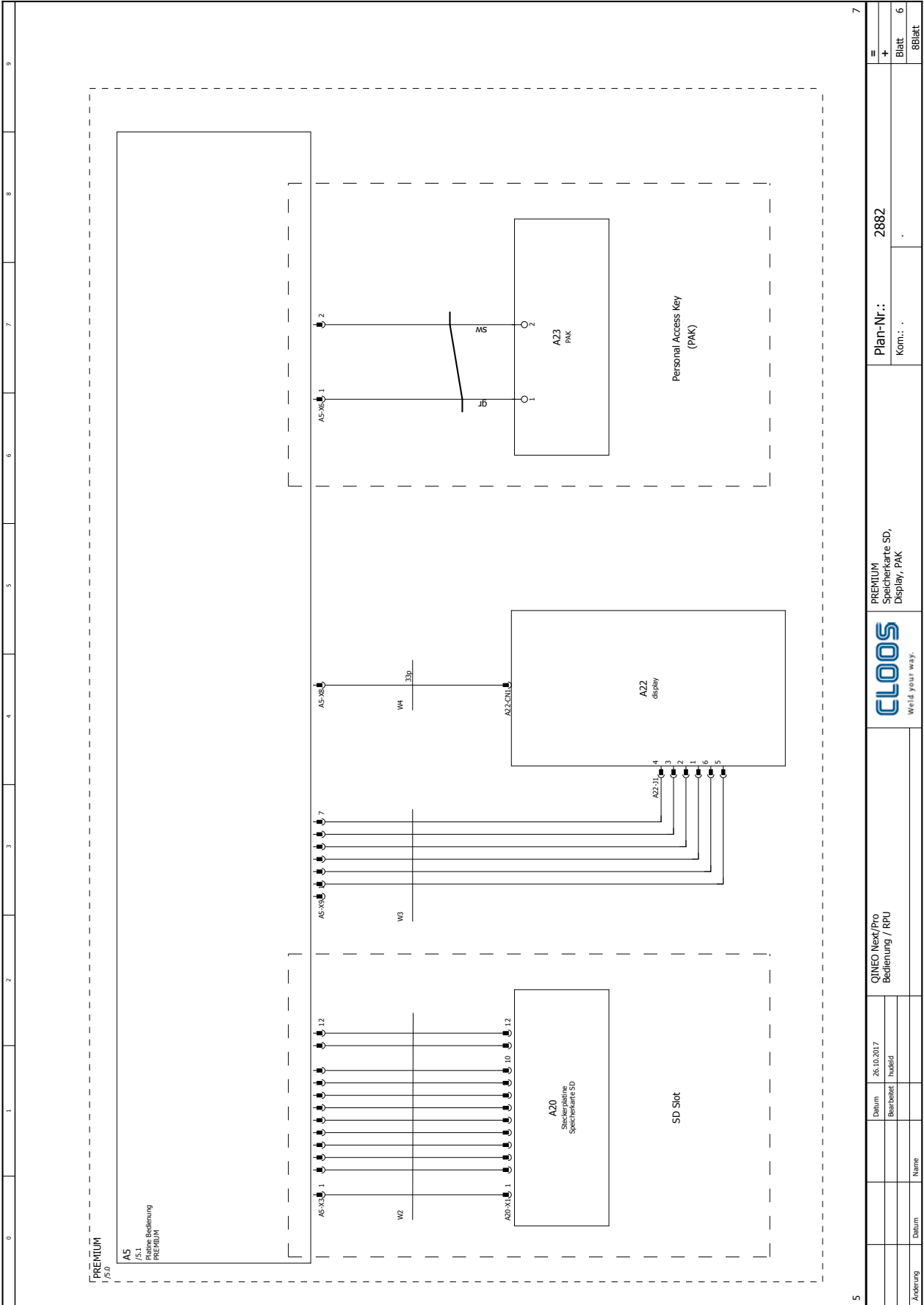
Aenderung		Datum	Name	QINEO Next/Pro Bedienung / RPU		MASTER PLUS, Display, PAK		Plan-Nr.: 2882	=
		26.10.2017	hadfeld					Kom.:	+
									Blatt 4
									88Blatt



PREMIUM Anschluss Intern, Anschluss Extern (RPU)		PREMIUM Anschluss Intern, Anschluss Extern (RPU)		PREMIUM Anschluss Intern, Anschluss Extern (RPU)	
QINEO Next/Pro Bedienung / RPU		QINEO Next/Pro Bedienung / RPU		QINEO Next/Pro Bedienung / RPU	
Datum: 26.10.2017		Datum: 26.10.2017		Datum: 26.10.2017	
Bearbeiter: hadfeld		Bearbeiter: hadfeld		Bearbeiter: hadfeld	
Aenderung:		Aenderung:		Aenderung:	
Datum:		Datum:		Datum:	
Name:		Name:		Name:	
Blatt: 5		Blatt: 5		Blatt: 5	
8Blatt		8Blatt		8Blatt	
Plan-Nr.: 2882		Plan-Nr.: 2882		Plan-Nr.: 2882	
Kom.: .		Kom.: .		Kom.: .	

Circuit No. 2882 (RPU Premium)

Compare the circuit number with the one of your machine



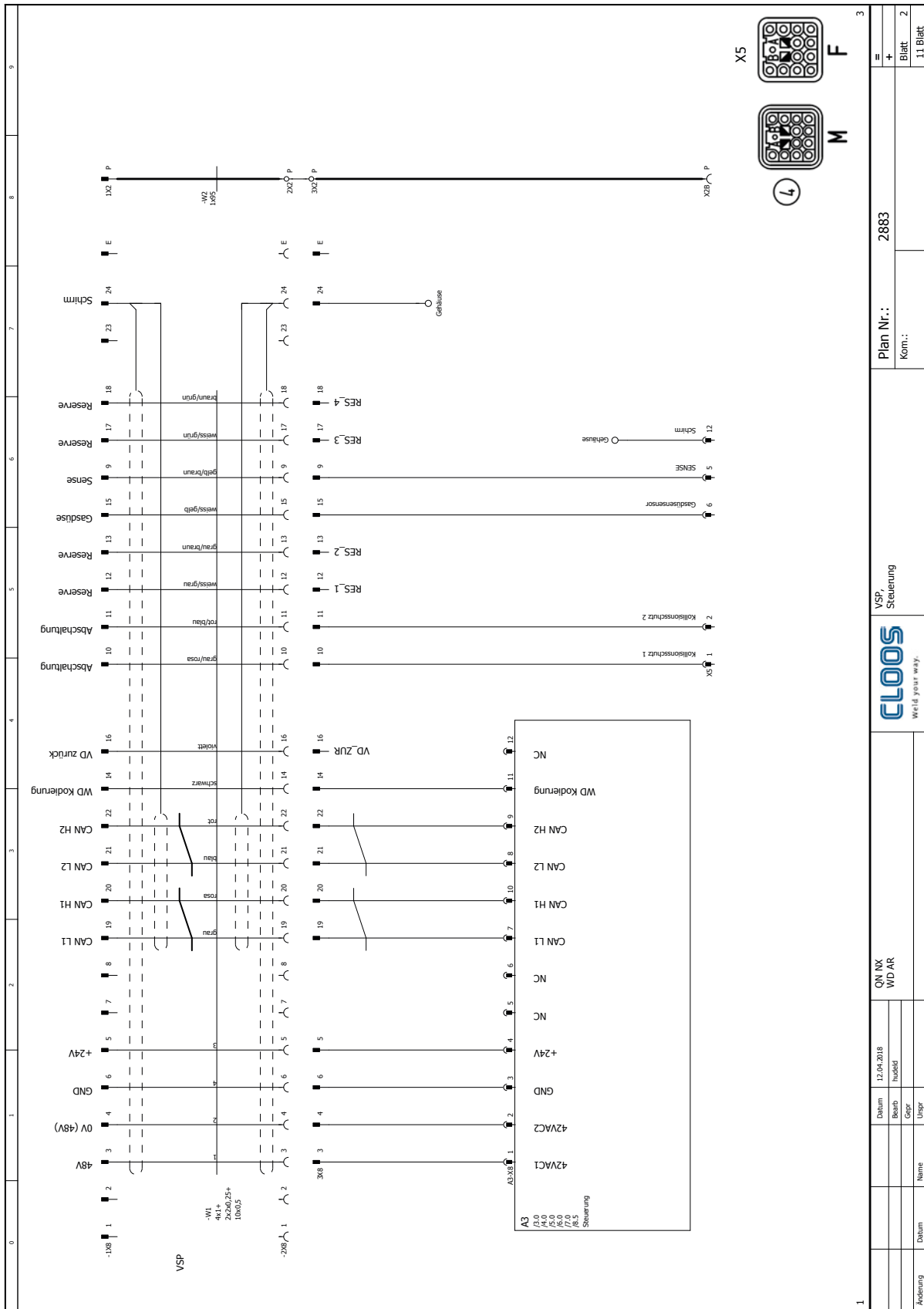
Circuit No. 2882 (RPU Premium)
Compare the circuit number with the one of your machine

PREMIUM /5.0		QIMEO Next/Pro Bedienung / RPU		PREMIUM Speicherkarte SD, Display, PAK		Plan-Nr.: 2882	
AS /5.1 Bedienung PREMIUM		Datum 26.10.2017		CLOOS Weid your way.		Kom.:	
AS-X0		Bearbeitet hadfeld		Blatt 6		88Blatt	
AS-X6		Datum		Name			

Electrical parts list - Circuit No. 2882 (RPU MasterPlus / Premium)

Item	Part No.	Designation
A3-X6	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X6	0011043100	Bushing MICRO MNL 24-20AWG
MASTER PLUS	0831004130	Qineo MASTER PLUS operating module
MASTER PLUS-A5	0033059300	Qineo Master Plus board operating module
MASTER PLUS-A5-X5	0011043156	Housing for bushing MICRO MNL 1R 6 pole
MASTER PLUS-A5-X5	0011043100	Bushing MICRO MNL 24-20AWG
MASTER PLUS-A6	0831004031	Qineo membrane Master Plus operating module
MASTER PLUS-A22	0033513400	TFT display - MasterPlus
MASTER PLUS-PAK	0033216410	PAK kit / QINEO
MASTER PLUS-PAK-A5-X1	0011043552	2 pole pin housing MICRO MNL 1R
MASTER PLUS-PAK-A5-X1	0011043500	Pin MICRO MNL 24-20AWG
MASTER PLUS-PAK-A23	0028090720	I-Button probe short
MASTER PLUS-W4	A22	
PREMIUM	0831004120	Qineo operating module PREMIUM
PREMIUM-A5	0033058600	Qineo board Premium operating module
PREMIUM-A5-X4	A6	
PREMIUM-A5-X7	0011043156	Housing for bushing MICRO MNL 1R 6 pole
PREMIUM-A5-X7	0011043100	Bushing MICRO MNL 24-20AWG
PREMIUM-A5-X8	W4	
PREMIUM-A5-X9	W3	
PREMIUM-A6	0831004021	Qineo Pulse membrane Premium operating module
PREMIUM-A22	0033513300	TFT LED display 5.7inch 320x240
PREMIUM-A22-CN1	W4	
PREMIUM-A22-J1	W3	
PREMIUM-PAK	0033216410	PAK kit / QINEO
PREMIUM-PAK-A5-X6	0011043552	2 pole pin housing MICRO MNL 1R
PREMIUM-PAK-A5-X6	0011043500	Pin MICRO MNL 24-20AWG
PREMIUM-PAK-A23	0028090720	I-Button probe short
PREMIUM slot cpl.	0831004125	Qineo Pulse SD slot
PREMIUM slot cpl. A5-X3	W2	
PREMIUM slot cpl. A20	0033058800	Qineo connector board for SD memory card
PREMIUM slot cpl. A20-X1	W2	
PREMIUM slot cpl. W2	0038134940	Flat cable 12 pole
PREMIUM-W3	0033513301	LED connection cable 6 pole / 200mm f. TFT
PREMIUM-W4	0033513201	FFC data line 33 pole / 210mm f. TFT
R1	0027091300	Toroidal core for motor cable
W1	0038141600	Encoder cable 2x0.38+3x2x0.25mm ² screened
1X30	0010092511	Sleeve housing straight HAN3A/7D/STAF6
1X30	0010092514	Pin insert 12 pole
1X30	0010091805	Crimp contact pin 0.14-0.37 HAN D
1X30	0010091804	Crimp contact pin 0.5 HAN D
1X30	0010092524	Encoding pin Han Q12
1X30	0035036512	Reducing ring M20-M12
1X30	0035036600	Screwed cable gland M12

QWD "AR" (Circuit No. 2883)

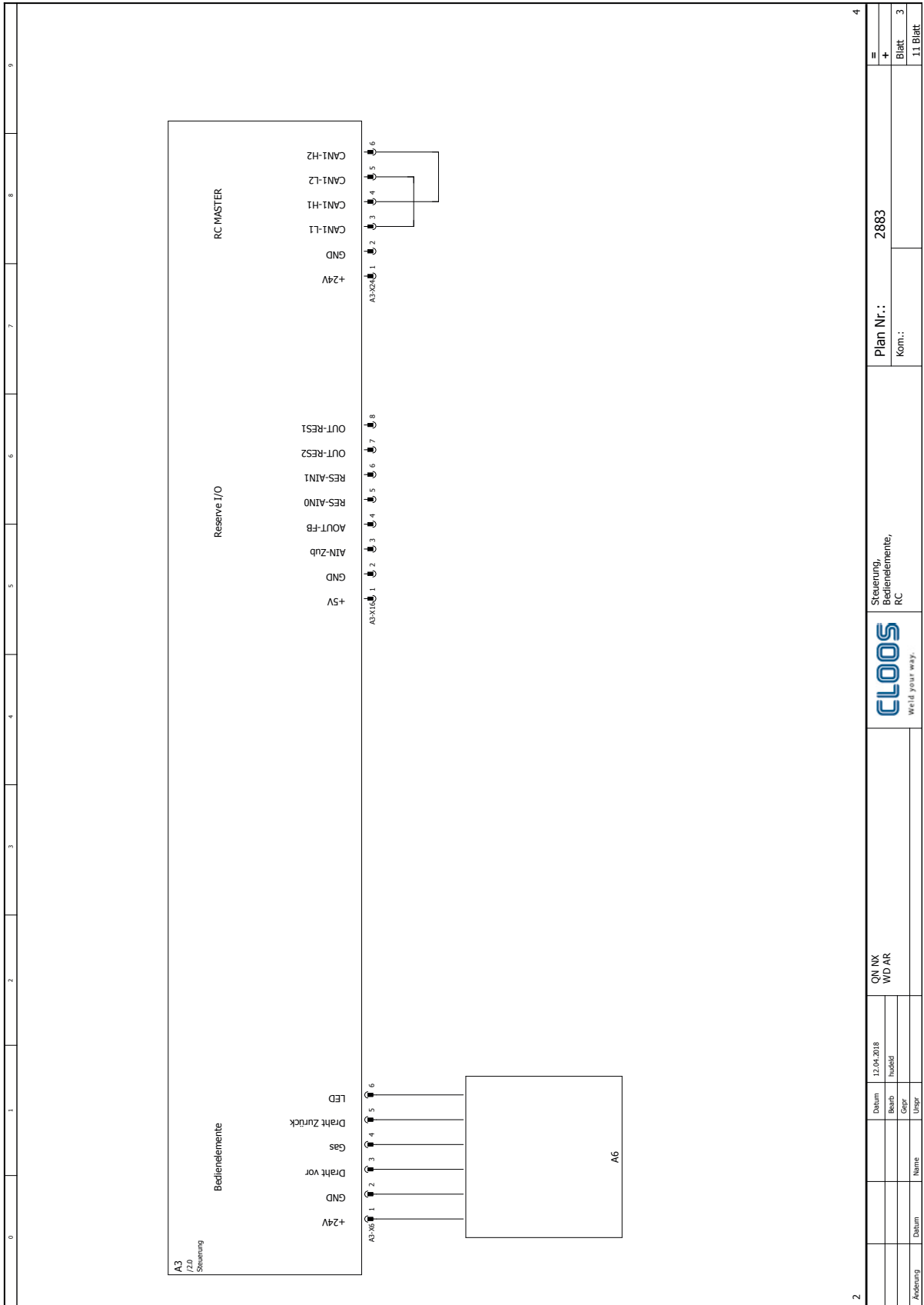


1

Dateum		12.04.2018		QN NX WD AR		VSP Steuerung		Plan Nr.: 2883	
Bearb		huddel						Blatt 2	
Gepr								11 Blatt	
Ungr									
Name								Kom.:	
Datum									

Circuit No. QN NX WD AR 2883

Compare the circuit number with the one of your machine



2

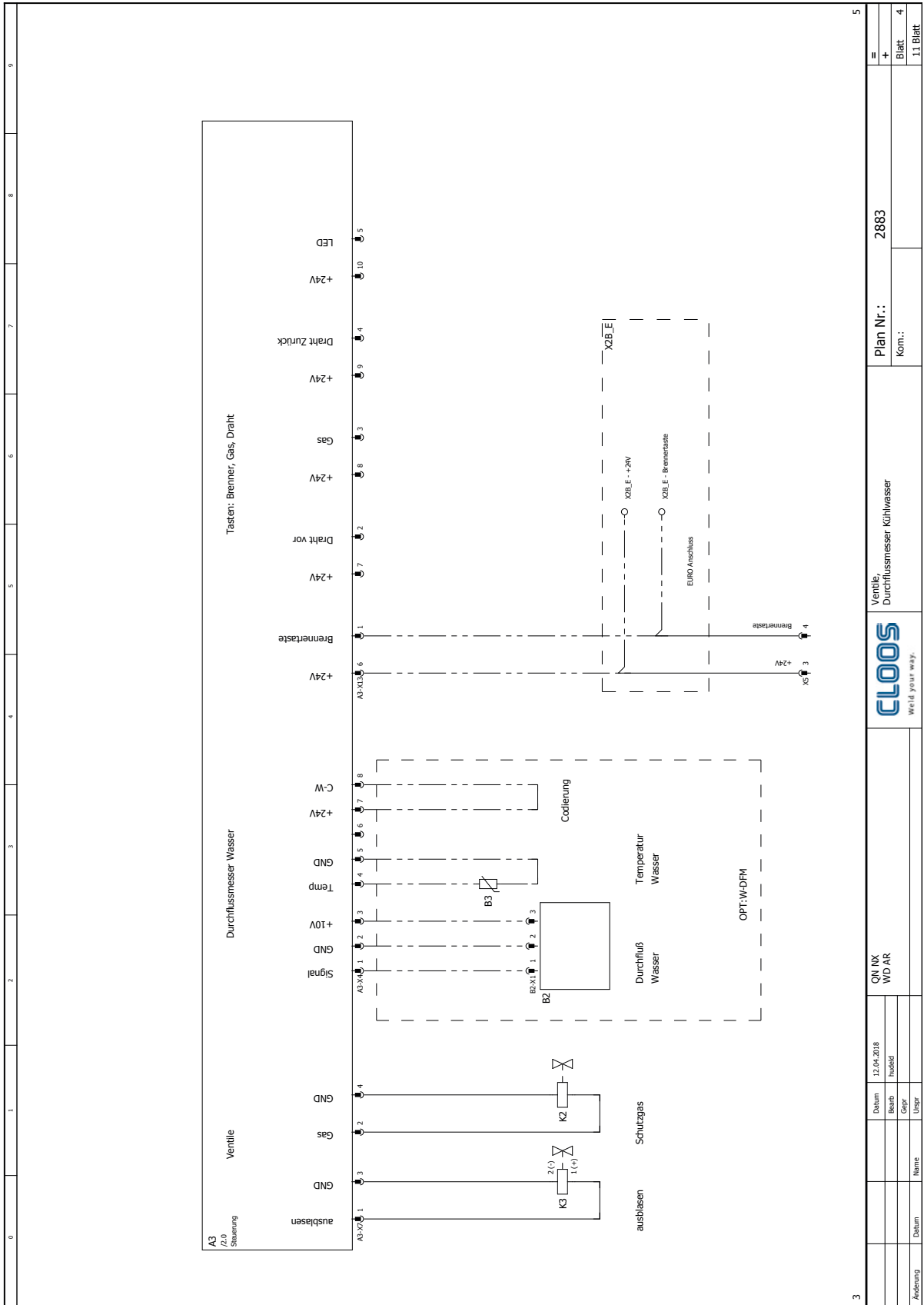
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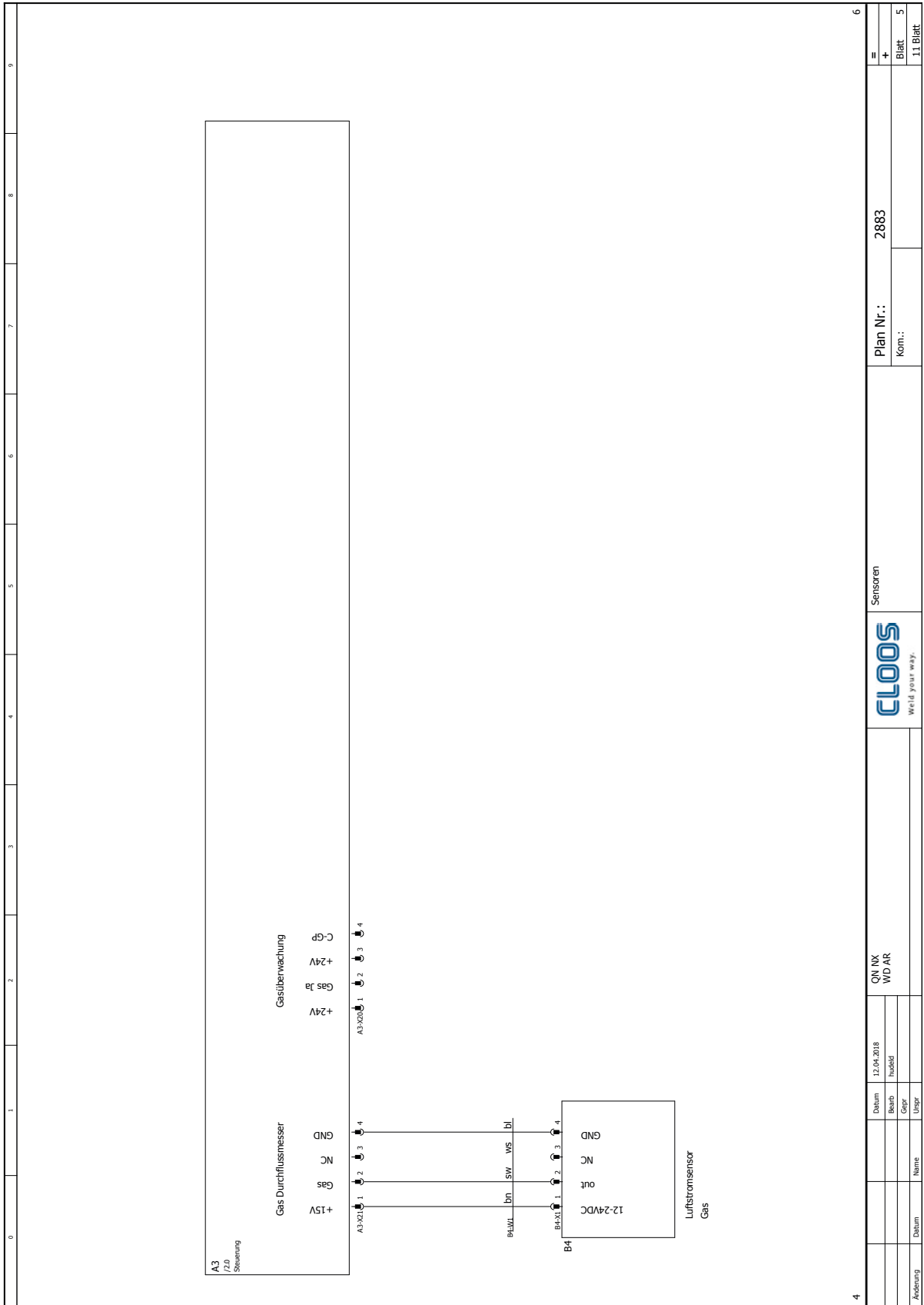
A3		A6		Plan Nr.: 2883		Blatt 3	
Steuerung		Bedienlemente, RC		Komm.:		11 Blatt	
/2,0		CLOOS		Weid your way.			
Steuerung		QN NX WD AR		Steuerung, Bedienlemente, RC			
Datum		12.04.2018		Datum			
Bearb		huddel		Bearb			
Gepr				Gepr			
Unger				Unger			
Name				Name			
Datum				Datum			

Circuit No. QN NX WD AR 2883

Compare the circuit number with the one of your machine

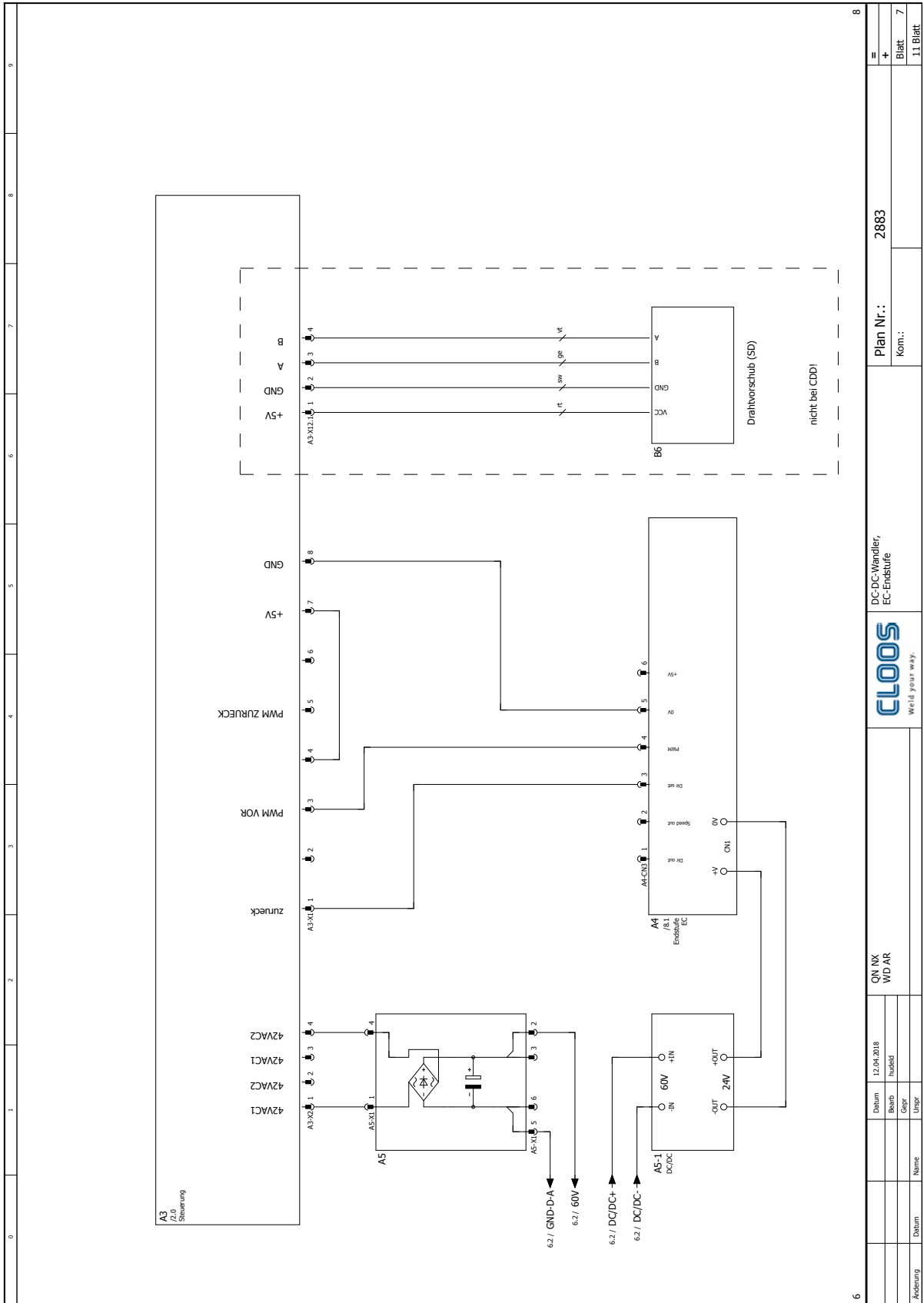
Circuit No. QN NX WD AR 2883
Compare the circuit number with the one of your machine





4				Sensoren			Plan Nr.: 2883	6
	Datum	12.04.2018	QN NX					=
	Bearb	hubert	WD AR					+
	Gepr							Blatt
	Unger							5
Änderung	Datum	Name						11 Blatt

Circuit No. QN NX WD AR 2883
 Compare the circuit number with the one of your machine



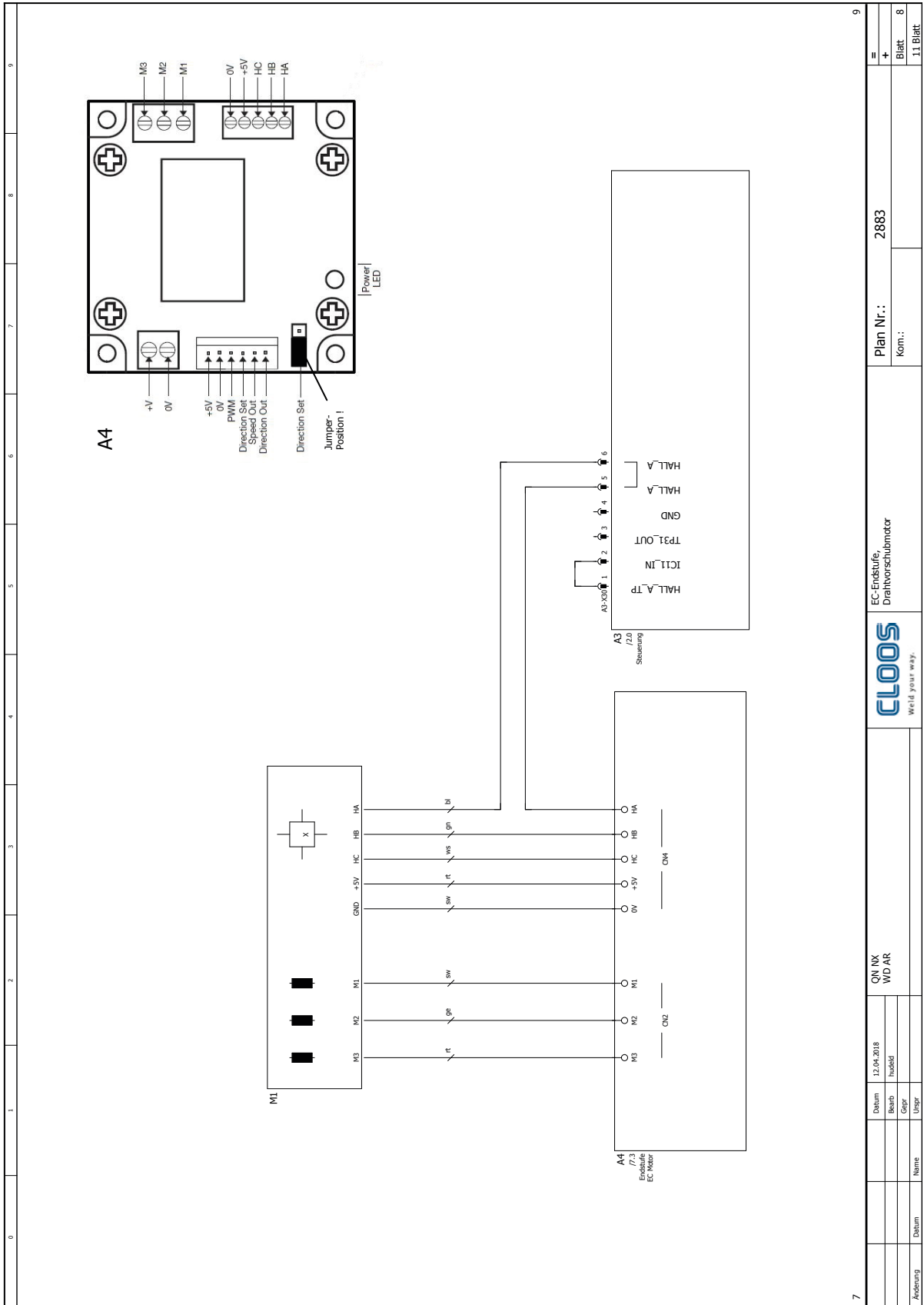
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6

Änderung	Datum	Name	Unger	QN NX WD AR		DC-DC Wandler, EC-Endstufe	Plan Nr.: 2883	Kom.:	Blatt 7	11 Blatt
	Datum	12.04.2018	Beard							

Circuit No. QN NX WD AR 2883

Compare the circuit number with the one of your machine



9

7

Änderung	Datum	Name	Unger	Gepr	hüddel	12.04.2018	QN NX WD AR	EC-Endstufe Dreherschubmotor	Plan Nr.: 2883	Kom.:	Blatt 8	11 Blatt



Circuit No. QN NX WD AR 2883

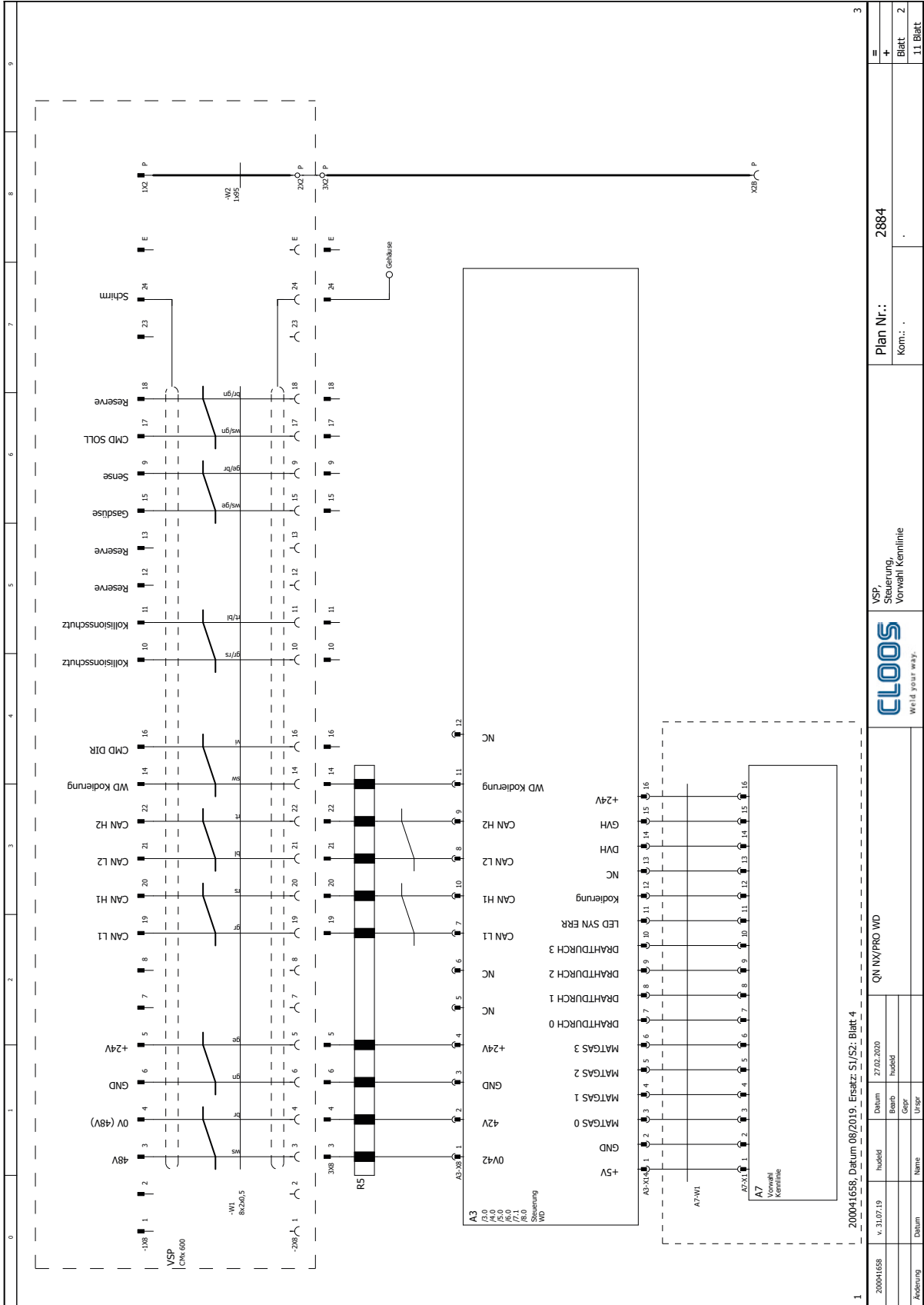
Compare the circuit number with the one of your machine

Electrical parts list - Circuit No. 2883 (QWD "AR")

Item	Part number	Designation
A3	0033334100	QWD-AR, control
A3-X1	0011043108	Housing for bushing MICRO MNL 8 pole
A3-X1	0011043100	Bushing MICRO MNL 24-20AWG
A3-X2	0011043004	Housing for bushing Mini Universal MNL 4 pole
A3-X2	0011043000	Bushing Mini Universal 20-16AWG
A3-X4	0011042200	Socket board 5 pole
A3-X7	0011043104	Housing for bushing MICRO MNL 4 pole
A3-X7	0011043100	Bushing MICRO MNL 24-20AWG
A3-X8	0011043012	Housing for bushing Mini Universal MNL 12 pole
A3-X8	0011043000	Bushing Mini Universal 20-16AWG
A3-X9	AT A4-1-W1	
A3-X12	0011043108	Housing for bushing MICRO MNL 8 pole
A3-X12	0011043100	Bushing MICRO MNL 24-20AWG
A3-X12.1	0011043104	Housing for bushing MICRO MNL 4 pole
A3-X12.1	0011043100	Bushing MICRO MNL 24-20AWG
A3-X13	0011043110	Housing for bushing MICRO MNL 10 pole
A3-X13	0011043100	Bushing MICRO MNL 24-20AWG
A3-X16	0011043112	Housing for bushing MICRO MNL 12 pole
A3-X16	0011043100	Bushing MICRO MNL 24-20AWG
A3-X17	0011043104	Housing for bushing MICRO MNL 4 pole
A3-X17	0011043100	Bushing MICRO MNL 24-20AWG
A3-X21	0011043104	Housing for bushing MICRO MNL 4 pole
A3-X21	0011043100	Bushing MICRO MNL 24-20AWG
A3-X24	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X24	0011043100	Bushing MICRO MNL 24-20AWG
A3-X26	0011043104	Housing for bushing MICRO MNL 4 pole
A3-X26	0011043100	Bushing MICRO MNL 24-20AWG
A3-X30	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X30	0011043100	Bushing MICRO MNL 24-20AWG
A4	0024142880	QWD-AR, output stage EC motor
A4-1	0033334200	QWD-AR / QWD-I, output stage
A4-1-W1	0038134930	Flat ribbon cable 16 pole / 70mm long
A4-1-X1	0011043004	Housing for bushing Mini Universal MNL 4 pole
A4-1-X1	0011043000	Bushing Mini Universal 20-16AWG
A4-1-X2	0011043004	Housing for bushing Mini Universal MNL 4 pole
A4-1-X2	0011043000	Bushing Mini Universal 20-16AWG
A4-1-X4	0011043104	Housing for bushing MICRO MNL 4 pole
A4-1-X4	0011043100	Bushing MICRO MNL 24-20AWG
A4-1-X5	AT A4-1-W1	
A4-CN3	0011036725	Bushing housing 6 pole
A4-CN3	0011036715	Crimp contact
A5	0033334300	QWD-AR intermediate circuit board
A5-1	0033252850	DC/DC converter 43-105V/24V, 150W
A5-X1	0011043006	Housing for bushing Mini Universal MNL 6 pole
A5-X1	0011043000	Bushing Mini Universal 20-16AWG
A6	0832801110	QWD-AR operation membrane
B4	0016070900	Flow meter Ar, 0-50 l/min
B4-W1	0016070910	Connection cable for sensor 0016070900
B4-X1	AT B4-W1	
B6	0043630020	SD pressure roller clip with encoder
K2	0032020510	Solenoid valve 24V/DC
K3	0032028500	2/2 valve 24V/DC
M1	0024142930	EC wire feed motor BL5774 with 14:1
OPT-CDD	0892806060	Installation kit QN NX WD AR, Q-CDD 8
OPT-CDD-A3-X12	0011043106	Housing for bushing MICRO MNL 6 pole
OPT-CDD-A3-X12	0011043100	Bushing MICRO MNL 24-20AWG
OPT-CDD-A3-X17	0011043104	Housing for bushing MICRO MNL 4 pole
OPT-CDD-A3-X17	0011043100	Bushing MICRO MNL 24-20AWG
OPT-CDD-A4-1-X3	0011043004	Housing for bushing Mini Universal MNL 4 pole
OPT-CDD-A4-1-X3	0011043000	Bushing Mini Universal 20-16AWG

Item	Part number	Designation
OPT-CDD-A4-1-X6	0011043110	Housing for bushing MICRO MNL 10 pole
OPT-CDD-A4-1-X6	0011043100	Bushing MICRO MNL 24-20AWG
OPT-CDD-C1	0021020205	Capacitor 10nF 630V
OPT-CDD-C2	0021020205	Capacitor 10nF 630V
OPT-CDD-C3	0021020205	Capacitor 10nF 630V
OPT-CDD-X6	0010092510	Mounted housing HAN3A/7D, metal
OPT-CDD-X6	0010092515	Socket insert 12 pole
OPT-CDD-X6	0010091830	Crimp contact bushing 0.5 HAN D
OPT-CDD-X6	0010092524	Encoding pin Han Q12
OPT:W-DFM	0831002010	Installation kit water flow meter QWD-A
OPT:W-DFM-A3-X4	0011043108	Housing for bushing MICRO MNL 8 pole
OPT:W-DFM-A3-X4	0011043100	Bushing MICRO MNL 24-20AWG
OPT:W-DFM-B2	0016070800	Flow meter FHKC RYTON G1/4
OPT:W-DFM-B2-X1	0011039710	Socket board 3 pole 3.96mm IDT0.3 - 0.4
OPT:W-DFM-B2-X1	0011039711	Cap for socket board 3 pole
OPT:W-DFM-B3	0030040411	NTC 10K
VSP-W1	0038077210	Cable 4x1+2x2x0.25+10x0.5mm ²
VSP-W2	0038030500	Welding cable 95mm ² HO1N2-D
VSP-1X2	0073031100	Welding cable plug 70/95mm ²
VSP-1X8	0010091320	Sleeve housing 24DD
VSP-1X8	0010091316	Pin HAN 24DD
VSP-1X8	0010091803	Crimp contact pin 1.0 HAN D
VSP-1X8	0010091804	Crimp contact pin 0.5 HAN D
VSP-1X8	0010091805	Crimp contact pin 0.14-0.37 HAN D
VSP-1X8	0035036100	Cable screw connection M25
VSP-2X2	0034060004	Cable lug 95mm ²
VSP-2X8	0010091320	Sleeve housing 24DD
VSP-2X8	0010091315	Socket insert HAN24DD
VSP-2X8	0010091810	Crimp contact bushing 1.0 HAN D
VSP-2X8	0010091830	Crimp contact bushing 0.5 HAN D
VSP-2X8	0010091880	Crimp contact bushing 0.14-0.37HAN/D
VSP-2X8	0035036100	Cable screw connection M25
X2B	0043620040	Central connection SZ Qineo
X2B	alternative	
X2B	0043620010	Central connection Euro Qineo
X5	0010092510	Mounted housing HAN3A/7D, metal
X5	0010092515	Socket insert 12 pole
X5	0010091830	Crimp contact bushing 0.5 HAN D
X5	0010092524	Encoding pin Han Q12
3X2	0073032750	Welding current connection M12
3X8	0010110071	Mounted housing HAN6E
3X8	0010091316	Pin HAN 24DD
3X8	0010091804	Crimp contact pin 0.5 HAN D

QWD PRO/NX "M4" (Circuit No. 2884)



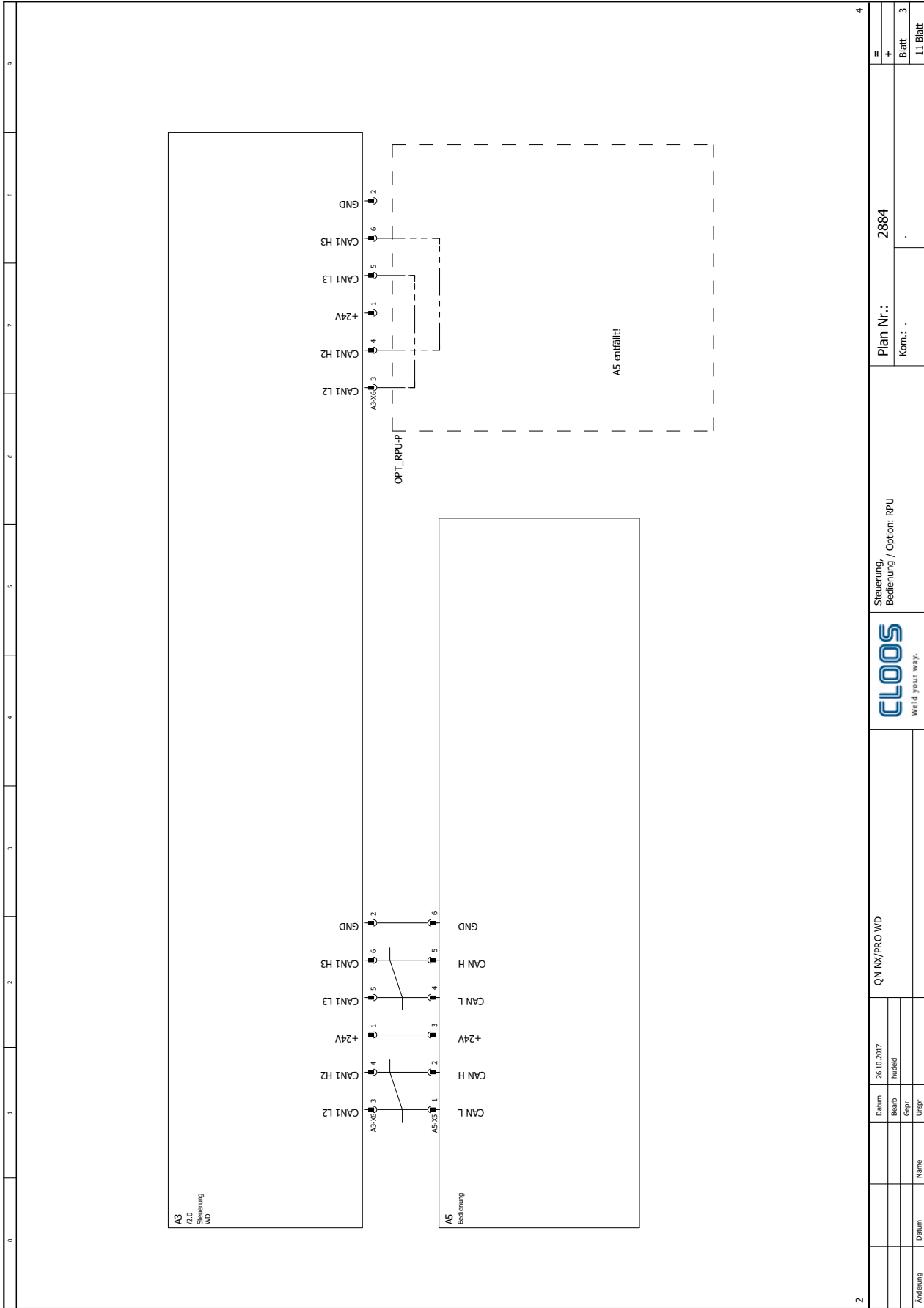
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200041658	v. 31.07.19	hüddel	Datum	27.02.2020				+
		hüddel	Beitrag	hüddel				Blatt
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Circuit No. QN NX WD 2884

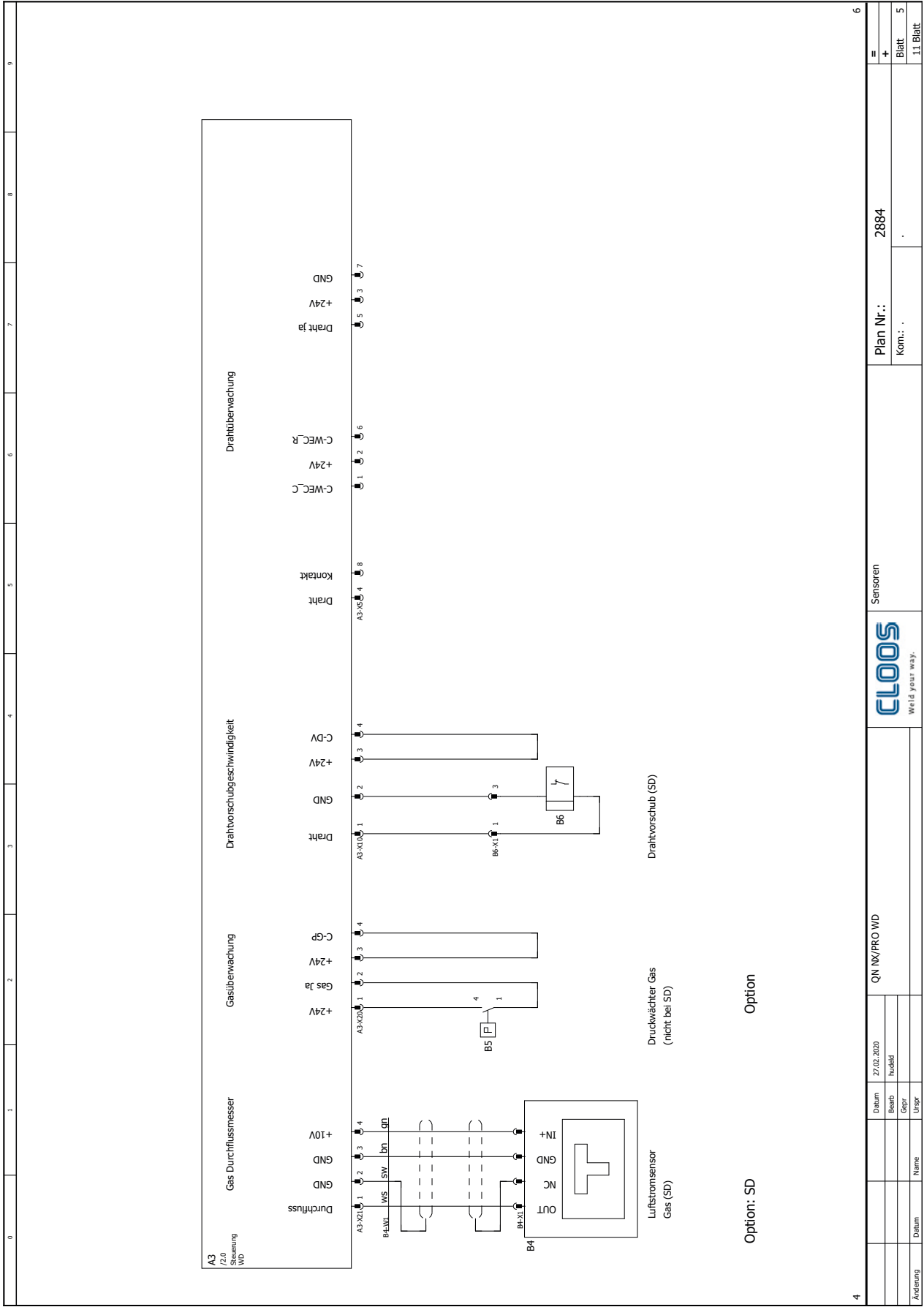
Compare the circuit number with the one of your machine

Circuit No. QN NX WD 2884
Compare the circuit number with the one of your machine



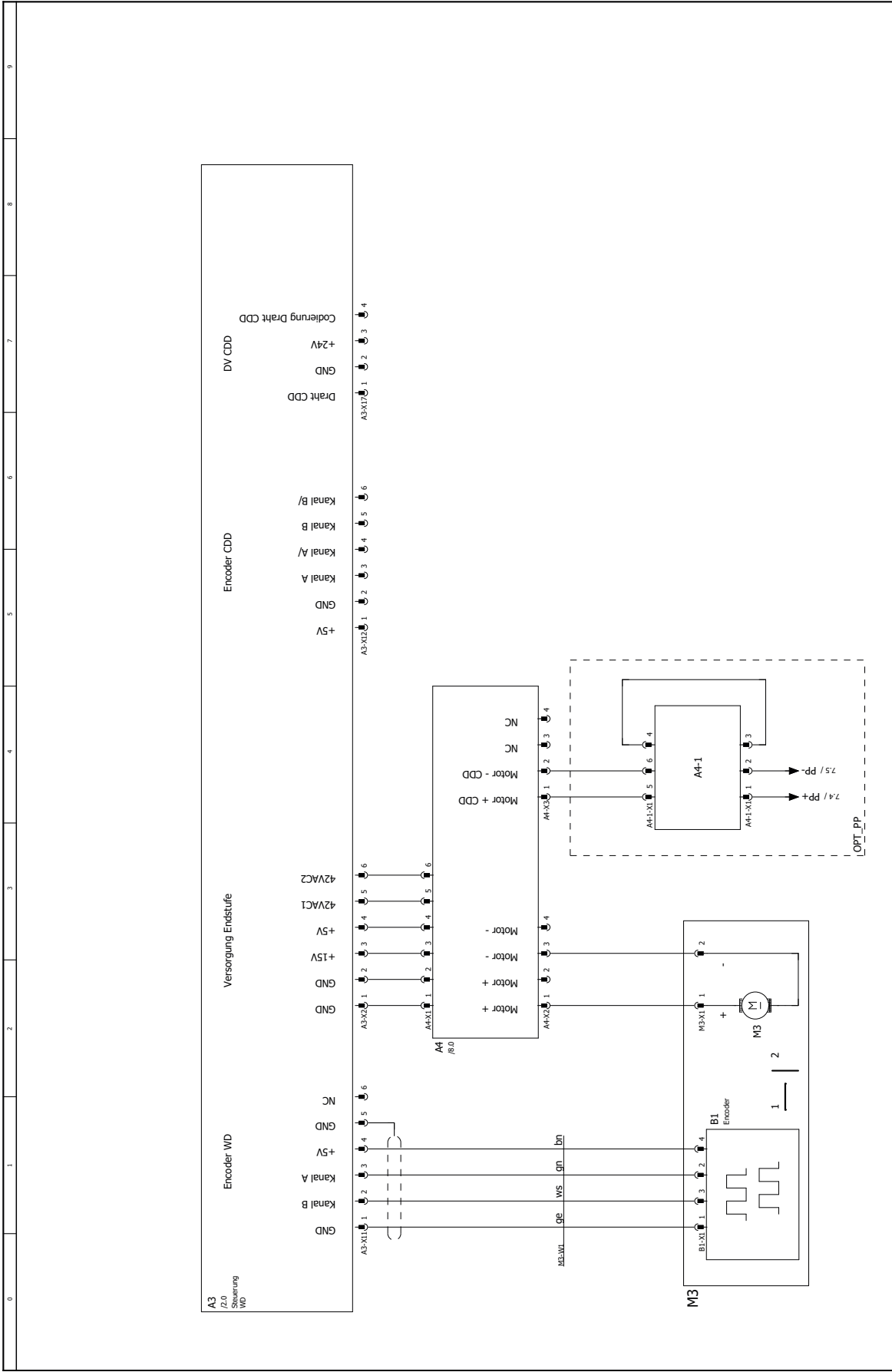
Circuit No. QN NX WD 2884

Compare the circuit number with the one of your machine



4		QN NX/PRO WD	Sensoren	Plan Nr.: 2884		6	
Datum		27.02.2020		Blatt		5	
Änderung		Name		Komm.: .		11 Blatt	





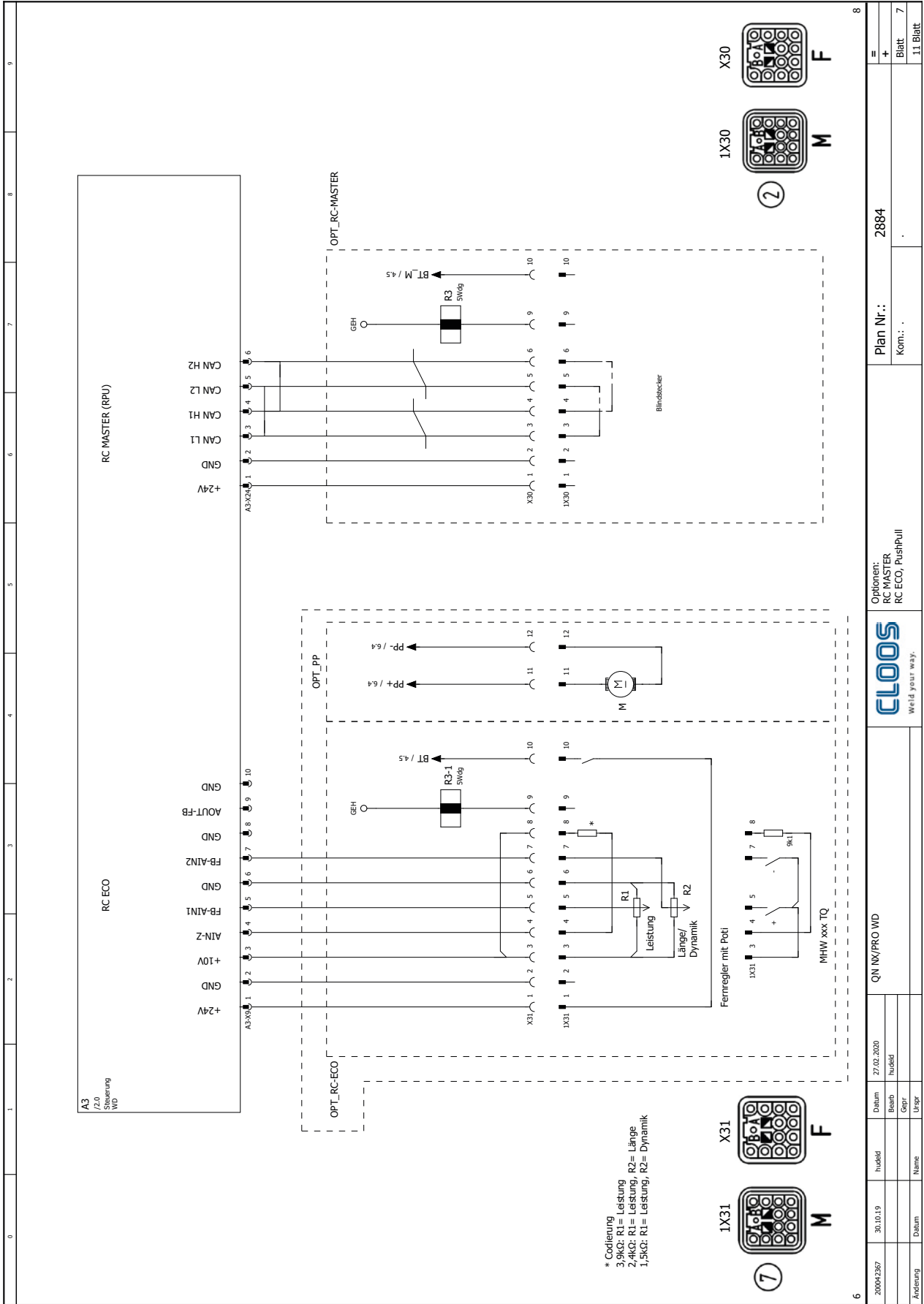
Andienung	Datum	Name	Uepr	Gepr	huedel	26.03.2019	QX NX/PRO WD	Drahtvorschubmotor		Plan Nr.:	2884							
										Komm.:	.							
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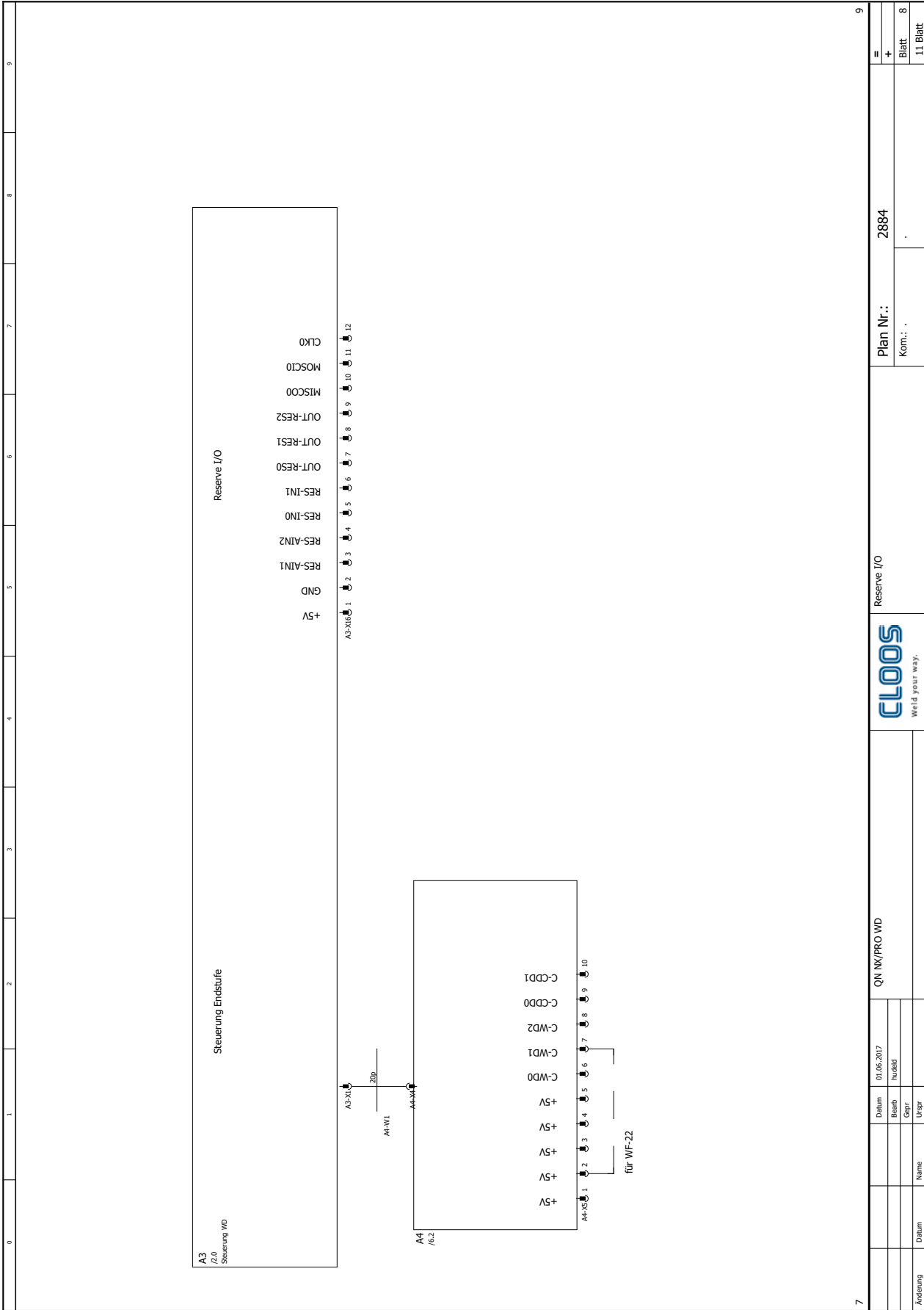


Circuit No. QN NX WD 2884
Compare the circuit number with the one of your machine

Circuit No. QN NX WD 2884

Compare the circuit number with the one of your machine





7		Q1 NX/PRO WD		Reserve I/O		Plan Nr.: 2884		9	
Datum		01.06.2017		CLOOS		Blatt		8	
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Circuit No. QN NX WD 2884

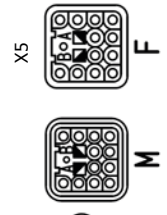
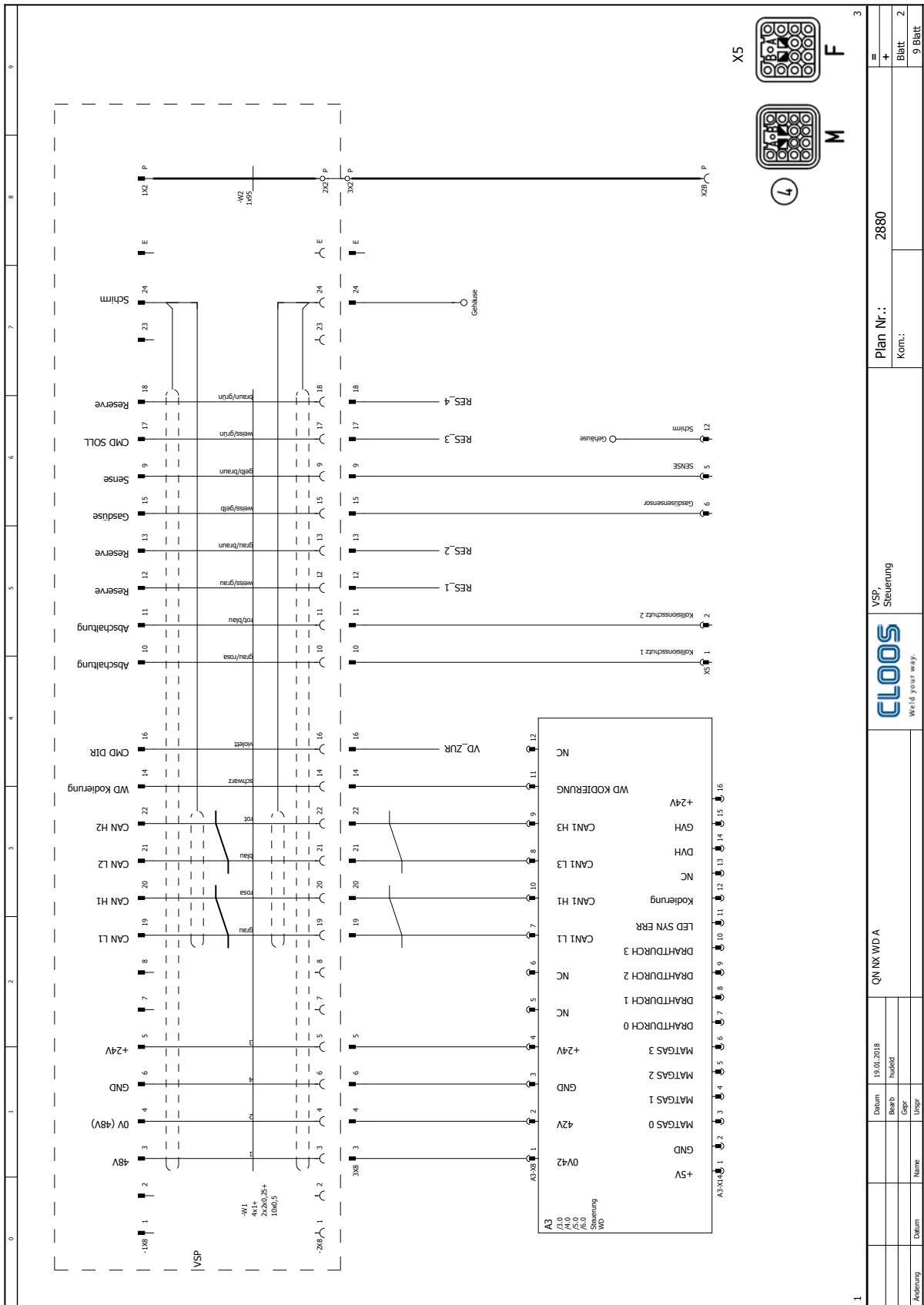
Compare the circuit number with the one of your machine

Electrical parts list - Circuit No. 2884 (QWD PRO/NX "M4")

Item	Part No.	Designation
A3	0033334400	Qineo Pulse WD, control II
A3-X1	A4-W1	
A3-X2	0011043006	6 pole Housing for bushing Mini Universal MNL
A3-X2	0011043000	Bushing Mini Universal 20-16AWG
A3-X6	0011043106	6 pole Housing for bushing MICRO MNL
A3-X6	0011043100	Bushing MICRO MNL 24-20AWG
A3-X7	0011043106	6 pole Housing for bushing MICRO MNL
A3-X7	0011043100	Bushing MICRO MNL 24-20AWG
A3-X8	0011043012	12 pole Housing for bushing Mini Universal MNL
A3-X8	0011043000	Bushing Mini Universal 20-16AWG
A3-X9	0011043110	10 pole Housing for bushing MICRO MNL
A3-X9	0011043100	Bushing MICRO MNL 24-20AWG
A3-X10	0011043104	4 pole Housing for bushing MICRO MNL
A3-X10	0011043100	Bushing MICRO MNL 24-20AWG
A3-X11	0011043106	6 pole Housing for bushing MICRO MNL
A3-X11	0011043100	Bushing MICRO MNL 24-20AWG
A3-X12	0011043106	6 pole Housing for bushing MICRO MNL
A3-X12	0011043100	Bushing MICRO MNL 24-20AWG
A3-X13	0011043110	10 pole Housing for bushing MICRO MNL
A3-X13	0011043100	Bushing MICRO MNL 24-20AWG
A3-X14	A7-W1	
A3-X16	0011043112	12 pole Housing for bushing MICRO MNL
A3-X16	0011043100	Bushing MICRO MNL 24-20AWG
A3-X17	0011043104	4 pole Housing for bushing MICRO MNL
A3-X17	0011043100	Bushing MICRO MNL 24-20AWG
A3-X20	0011043104	4 pole Housing for bushing MICRO MNL
A3-X20	0011043100	Bushing MICRO MNL 24-20AWG
A3-X21	B4-W1	
A3-X24	0011043106	6 pole Housing for bushing MICRO MNL
A3-X24	0011043100	Bushing MICRO MNL 24-20AWG
A4	0033334500	Qineo Pulse WD, output stage II
A4-W1	A4	
A4-X1	0011043006	6 pole Housing for bushing Mini Universal MNL
A4-X1	0011043000	Bushing Mini Universal 20-16AWG
A4-X2	0011043004	4 pole Housing for bushing Mini Universal MNL
A4-X2	0011043000	Bushing Mini Universal 20-16AWG
A4-X3	0011043004	4 pole Housing for bushing Mini Universal MNL
A4-X3	0011043000	Bushing Mini Universal 20-16AWG
A4-X4	A4	
A4-X5	0011043110	10 pole Housing for bushing MICRO MNL
A4-X5	0011043100	Bushing MICRO MNL 24-20AWG
A5	0831004120	Qineo operating module PREMIUM
A5	alternative	
A5	0831004130	Qineo MASTER PLUS operating module
A5-X5	0011043156	6 pole housing for bushing MICRO MNL
A5-X5	0011043100	Bushing MICRO MNL 24-20AWG
A7	0033252620	Qineo Pulse preselection characteristic curve Master left
A7-X1	0038134920	Flat ribbon cable 16 pole / 400mm
A7-X1	A7-W1	
B4	0016070710	Airflow sensor
B4-W1	0038131400	Cable 40cm
B4-X1	B4-W1	
B5	0016070600	Pressure switch
B6	0043591030	Pressure roller clip right WF-22 HD + sensor
B6-X1	0010092110	Coupling socket 3 pole
K2	0032020510	Solenoid valve 24V/DC
M3	0024143300	Wire feed motor KSV4030/350
M3-B1	M3	
M3-B1-X1	0011042500	Socket board 4 pole
M3-B1-X1	0011042501	Cap for 4 pole Socket board
M3-W1	0038071100	Oil flex cable 2x2x0.2mm ²
M3-X1	0035020301	2 pole Housing for receptacle

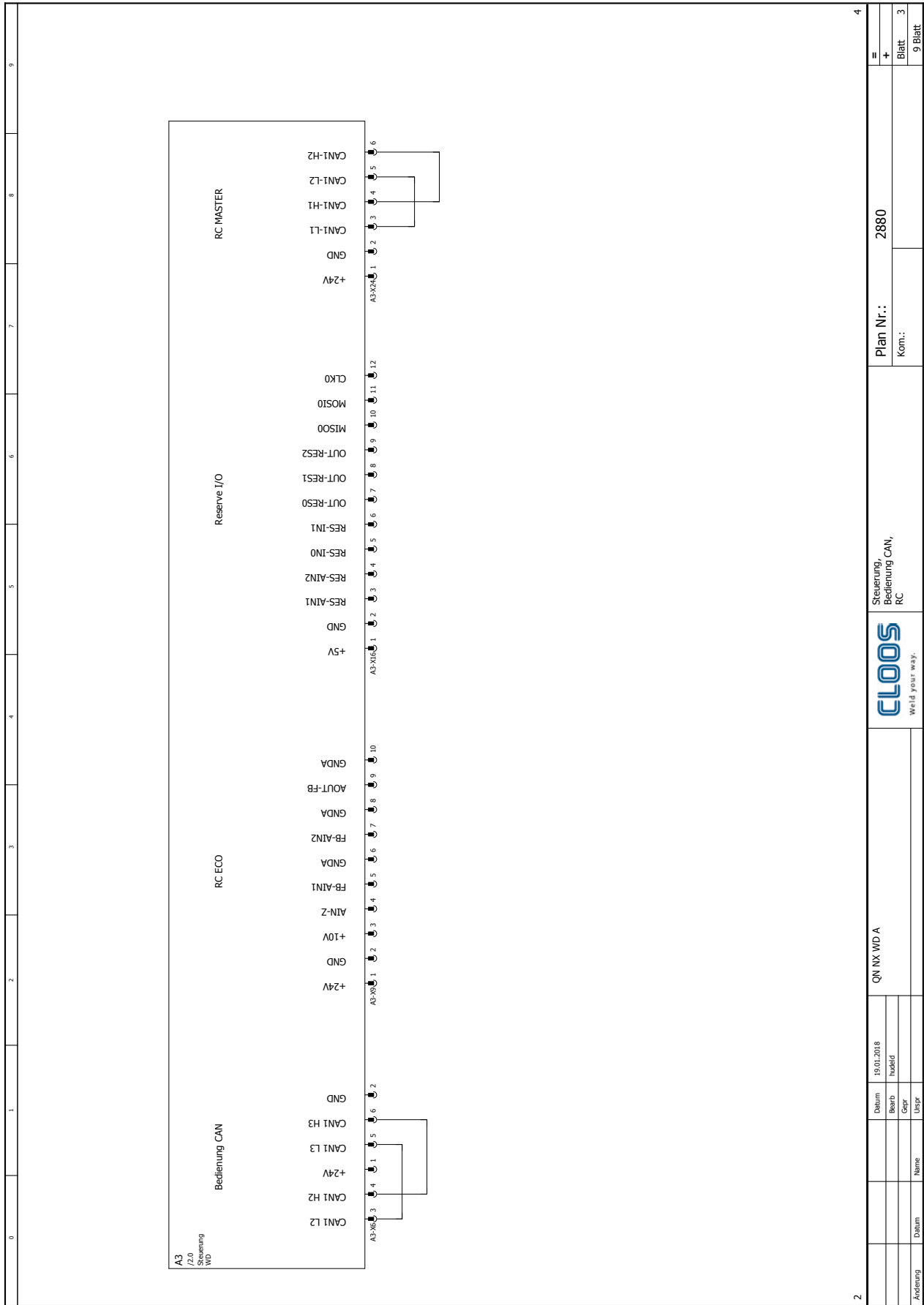
Item	Part No.	Designation
M3-X1	0035020031	Receptacle 6.3mm
OPT PP	0891503508	Installation kit QN NX WD M4, Push Pull/RC ECO
OPT PP-A4-1	0033058500	Qineo LC board CDD
OPT PP-A4-1-X1	0011043006	6 pole Housing for bushing Mini Universal MNL
OPT PP-A4-1-X1	0011043000	Bushing Mini Universal 20-16AWG
OPT PP-A4-X2	0011043004	4 pole Housing for bushing Mini Universal MNL
OPT PP-A4-X2	0011043000	Bushing Mini Universal 20-16AWG
OPT RC-ECO	0891503550	Installation kit QN NX WD M4, RC ECO
OPT RC-ECO-1X31	0010092511	Sleeve housing straight HAN3A/7D/STAF6
OPT RC-ECO-1X31	0010092514	Pin insert 12 pole
OPT RC-ECO-1X31	0010091804	Crimp contact pin 0.5 HAN D
OPT RC-ECO-1X31	0010092524	Encoding pin Han Q12
OPT RC-ECO-A3-X9	0011043110	10 pole Housing for bushing MICRO MNL
OPT RC-ECO-A3-X9	0011043100	Bushing MICRO MNL 24-20AWG
OPT RC-ECO-R3-1	0027092100	Ferrite core, OD17.5 ID9.5 L12.7
OPT RC-ECO-X31	0010092510	Mounted housing HAN3A/7D, metal
OPT RC-ECO-X31	0010092515	Socket insert 12 pole
OPT RC-ECO-X31	0010091830	Crimp contact bushing 0.5 HAN D
OPT RC-ECO-X31	0010092524	Encoding pin Han Q12
OPT RC-MASTER	0890102020	Installation kit QN NX WD M4, RC Master
OPT RC-MASTER-1X30	0010092511	Sleeve housing straight HAN3A/7D/STAF6
OPT RC-MASTER-1X30	0010092514	Pin insert 12 pole
OPT RC-MASTER-1X30	0010091804	Crimp contact pin 0.5 HAN D
OPT RC-MASTER-1X30	0010092524	Encoding pin Han Q12
OPT RC-MASTER-A3-X24	0011043106	6 pole Housing for bushing MICRO MNL
OPT RC-MASTER-A3-X24	0011043100	Bushing MICRO MNL 24-20AWG
OPT RC-MASTER-R3	0027092100	Ferrite core, OD17.5 ID9.5 L12.7
OPT RC-MASTER-X30	0010092510	Mounted housing HAN3A/7D, metal
OPT RC-MASTER-X30	0010092515	Socket insert 12 pole
OPT RC-MASTER-X30	0010091830	Crimp contact bushing 0.5 HAN D
OPT RC-MASTER-X30	0010092524	Encoding pin Han Q12
OPT RPU-P-A3-X6	0011043106	6 pole Housing for bushing MICRO MNL
OPT RPU-P-A3-X6	0011043100	Bushing MICRO MNL 24-20AWG
OPT W-DFM	0831002000	Installation kit water flow meter
OPT W-DFM-A3-X4	0011043108	8 pole Housing for bushing MICRO MNL
OPT W-DFM-A3-X4	0011043100	Bushing MICRO MNL 24-20AWG
OPT W-DFM-B2	0016070800	Flow meter FHKC RYTON G1/4
OPT W-DFM-B2-X1	0011039710	Socket board 3 pole 3.96mm IDT0.3 - 0.4
OPT W-DFM-B2-X1	0011039711	Cap for 3 pole Socket board
OPT W-DFM-B3	0030040411	NTC 10K
R5	0027092400	Ferrite core
S1	0008010032	Button
S2	0008010032	Button
VSP-W1	0038141220	Data line LIYCY (TP) 8x2x0,5
VSP-W2	0038030500	Welding cable 95mm ² HO1N2-D
VSP-1X2	0073031100	Welding cable plug 70/95mm ²
VSP-1X8	0010091320	Sleeve housing 24DD
VSP-1X8	0010091316	Pin HAN 24DD
VSP-1X8	0010091804	Crimp contact pin 0.5 HAN D
VSP-1X8	0035036100	Cable screw connection M25
VSP-2X2	0034060004	Cable lug 95mm ²
VSP-2X8	0010091320	Sleeve housing 24DD
VSP-2X8	0010091315	Socket insert HAN24DD
VSP-2X8	0010091830	Crimp contact bushing 0.5 HAN D
VSP-2X8	0035036100	Cable screw connection M25
X2B	0043620040	Central connection SZ Qineo
X2B	alternative	
X2B	0043620010	Central connection Euro Qineo
3X2	0073032750	Welding current connection M12
3X8	0010110071	Mounted housing HAN6E
3X8	0010091316	Pin HAN 24DD
3X8	0010091804	Crimp contact pin 0.5 HAN D

QWD "A4" (Circuit No. 2880)



Datum		19.01.2018		QN NX WD A		Plan Nr.: 2880	
Bezieh.		hubdel				Blatt 2	
Geogr.						9 Blatt	
Ungr.							
Name				VSP, Steuerung		Kont.:	
Datum				CLOOS		Weid your way.	

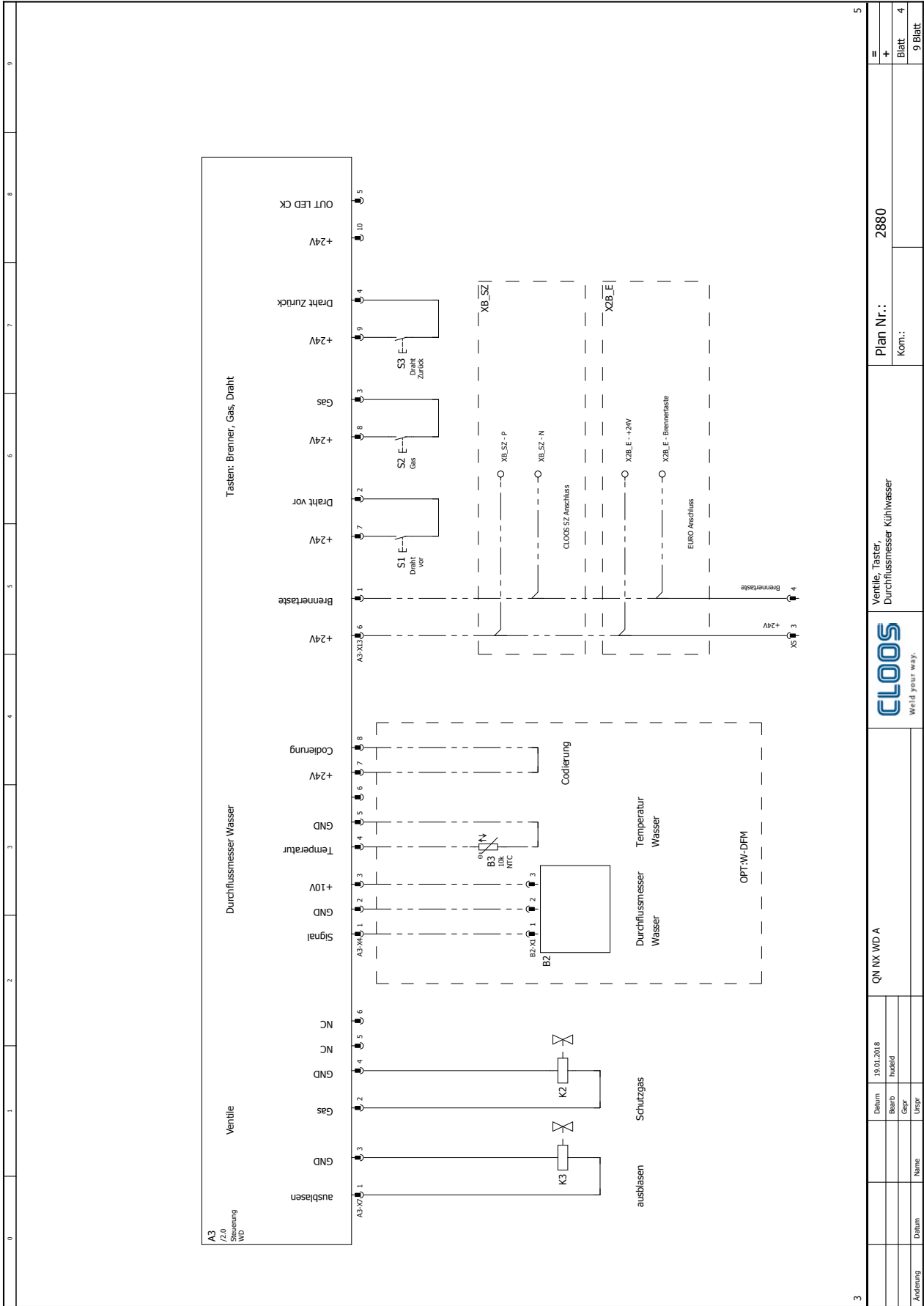
Circuit No. QN NX WD A 2880
Compare the circuit number with the one of your machine



2	QN NX WD A		19.01.2018		4	
Avdrukk	Datum	Name	Gepr	hurdig	Blatt	3
					Kom.	9 Blatt
					Plan Nr.:	2880
					Steuerung, Bedienung CAN, RC	
					CLOOS World your way.	
					= +	

Circuit No. QN NX WD A 2880
 Compare the circuit number with the one of your machine

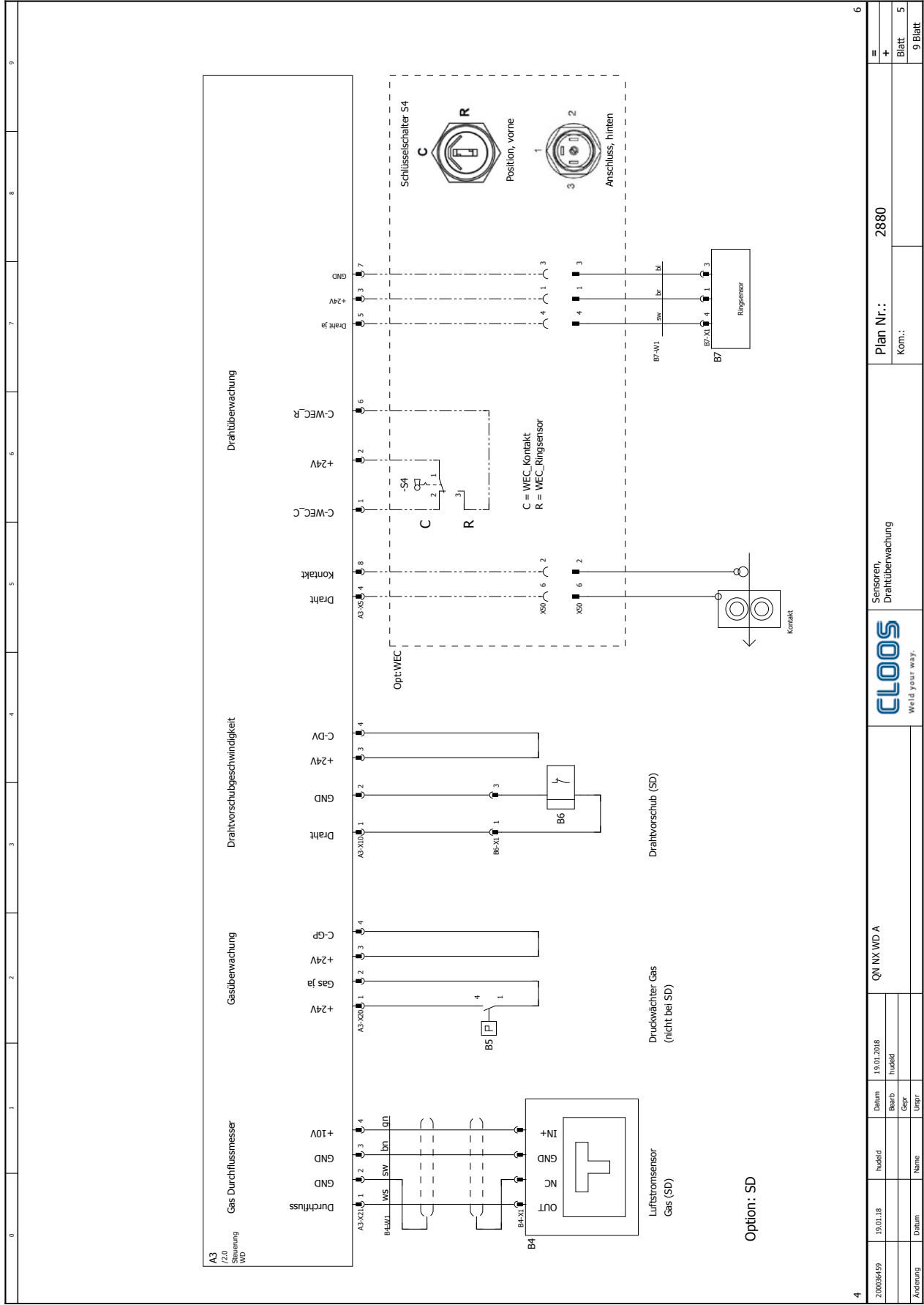
Circuit No. QN NX WD A 2880
Compare the circuit number with the one of your machine



Änderung	Datum	Name		Plan Nr.: 2880
	Datum	19.01.2018	QN NX WD A	
	Gepr	huckid		
Kom:			Ventile, Taster, Durchflussmesser Kühlwasser	Blatt 4 9 Blatt
Date:				
Urspr:				

3

5

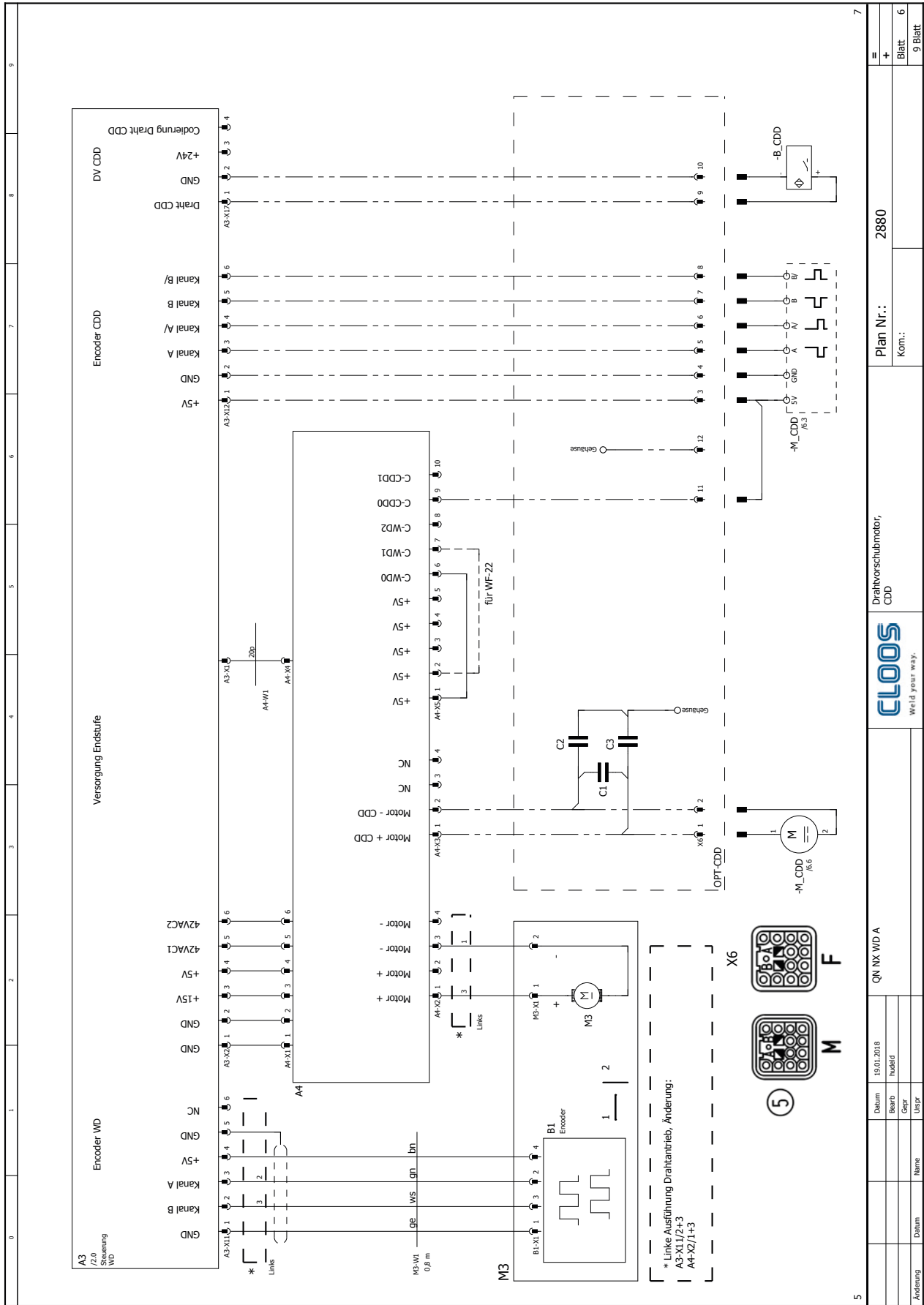


4		6	
Änderung	Datum	Name	Urspr.
200006459	19.01.18	hudeid	hudeid
	19.01.18	hudeid	hudeid
	Datum	Name	Urspr.
QN NX WD A		Sensoren, Drahtüberwachung	
Plan Nr.: 2880		Kom.:	
=		Blatt 5	
+		9 Blatt	

Circuit No. QN NX WD A 2880
Compare the circuit number with the one of your machine

Circuit No. QN NX WD A 2880

Compare the circuit number with the one of your machine



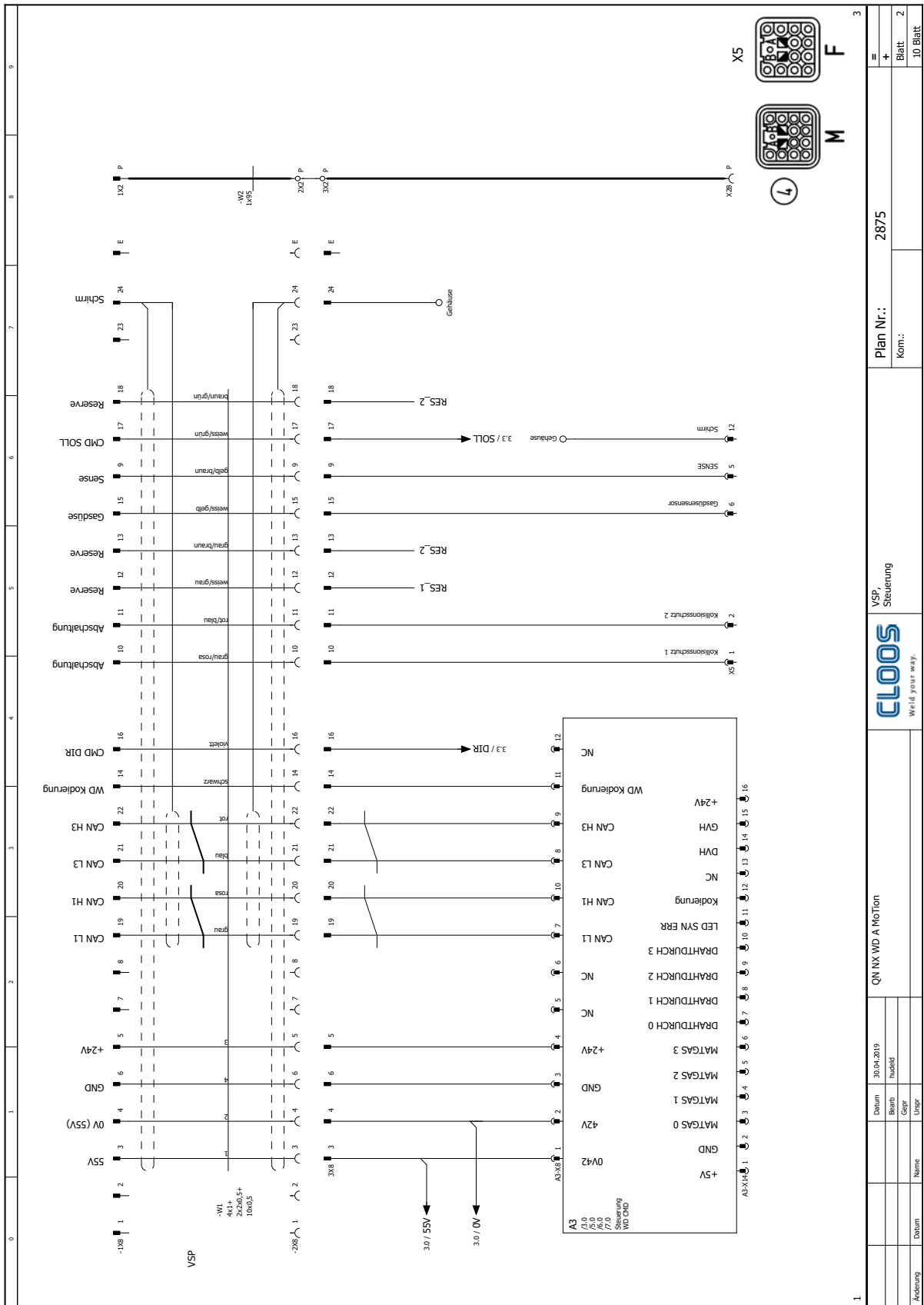
	Datum	19.01.2018	Plan Nr.:	2880	Blatt	6
Änderung	Datum	Name			Kom.:	9 Blatt
			Drahtvorschubmotor, CDD			
			QN NX WD A			
			CLOOS World your way.			

Electrical parts list - Circuit No. 2880 (QWD "A4")

Item	Part number	Designation
A3	0033334400	Qineo Pulse WD, control II
A3-X1	A4-W1	
A3-X2	0011043006	Housing for bushing Mini Universal MNL 6 pole
A3-X2	0011043000	Bushing Mini Universal 20-16AWG
A3-X6	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X6	0011043100	Bushing MICRO MNL 24-20AWG
A3-X7	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X7	0011043100	Bushing MICRO MNL 24-20AWG
A3-X8	0011043012	Housing for bushing Mini Universal MNL 12 pole
A3-X8	0011043000	Bushing Mini Universal 20-16AWG
A3-X9	0011043110	Housing for bushing MICRO MNL 10 pole
A3-X9	0011043100	Bushing MICRO MNL 24-20AWG
A3-X10	0011043104	Housing for bushing MICRO MNL 4 pole
A3-X10	0011043100	Bushing MICRO MNL 24-20AWG
A3-X11	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X11	0011043100	Bushing MICRO MNL 24-20AWG
A3-X13	0011043110	Housing for bushing MICRO MNL 10 pole
A3-X13	0011043100	Bushing MICRO MNL 24-20AWG
A3-X16	0011043112	Housing for bushing MICRO MNL 12 pole
A3-X16	0011043100	Bushing MICRO MNL 24-20AWG
A3-X20	0011043104	Housing for bushing MICRO MNL 4 pole
A3-X20	0011043100	Bushing MICRO MNL 24-20AWG
A3-X21	B4-W1	
A3-X24	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X24	0011043100	Bushing MICRO MNL 24-20AWG
A4	0033334500	Qineo Pulse WD, output stage II
A4-W1	A4	
A4-X1	0011043006	Housing for bushing Mini Universal MNL 6 pole
A4-X1	0011043000	Bushing Mini Universal 20-16AWG
A4-X2	0011043004	Housing for bushing Mini Universal MNL 4 pole
A4-X2	0011043000	Bushing Mini Universal 20-16AWG
A4-X5	0011043110	Housing for bushing MICRO MNL 10 pole
A4-X5	0011043100	Bushing MICRO MNL 24-20AWG
B4	0016070710	Airflow sensor
B4-W1	0038131400	Cable 40cm
B4-X1	B4-W1	
B5	0016070600	Pressure switch
B6	0043591030	Pressure roller clip right WF-22 HD + sensor
B6-X1	0010053400	Flange socket 3 pole
B7	0007050059	Ring sensor inductive
B7-W1	0007050020	Cable socket M12x1 angular 5m
K2	0032020510	Solenoid valve 24V/DC
K3	0032024700	2/2 valve 3/8", 24V DC
M3	0024143600	Wire feed motor KSV5035/772
M3-B1	M3	
M3-B1-X1	0011042500	Socket board 4 pole
M3-B1-X1	0011042501	Cap for socket board 4 pole
M3-W1	0038071100	Oil flex cable 2x2x0.2mm ²
M3-X1	0035020301	Housing for receptacle 2 pole
M3-X1	0035020031	Receptacle 6.3mm
OPT-CDD	0891058510	Installation kit QN NX WD A, Q-CDD 8
OPT-CDD-A3-X12	0011043106	Housing for bushing MICRO MNL 6 pole
OPT-CDD-A3-X12	0011043100	Bushing MICRO MNL 24-20AWG
OPT-CDD-A3-X17	0011043104	Housing for bushing MICRO MNL 4 pole
OPT-CDD-A3-X17	0011043100	Bushing MICRO MNL 24-20AWG
OPT-CDD-A4-X3	0011043004	Housing for bushing Mini Universal MNL 4 pole
OPT-CDD-A4-X3	0011043000	Bushing Mini Universal 20-16AWG
OPT-CDD-A4-X5	0011043110	Housing for bushing MICRO MNL 10 pole
OPT-CDD-A4-X5	0011043100	Bushing MICRO MNL 24-20AWG
OPT-CDD-C1	0021020205	Capacitor 10nF 630V

Item	Part number	Designation
OPT-CDD-C2	0021020205	Capacitor 10nF 630V
OPT-CDD-C3	0021020205	Capacitor 10nF 630V
OPT-CDD-X6	0010092510	Mounted housing HAN3A/7D, metal
OPT-CDD-X6	0010092515	Socket insert 12 pole
OPT-CDD-X6	0010091830	Crimp contact bushing 0.5 HAN D
OPT-CDD-X6	0010092524	Encoding pin Han Q12
OPT:W-DFM	0831002010	Installation kit water flow meter QWD-A
OPT:W-DFM-A3-X4	0011043108	Housing for bushing MICRO MNL 8 pole
OPT:W-DFM-A3-X4	0011043100	Bushing MICRO MNL 24-20AWG
OPT:W-DFM-B2	0016070800	Flow meter FHKC RYTON G1/4
OPT:W-DFM-B2-X1	0011039710	Socket board 3 pole 3.96mm IDT0.3 - 0.4
OPT:W-DFM-B2-X1	0011039711	Cap for socket board 3 pole
OPT:W-DFM-B3	0030040411	NTC 10K
Opt:WEC	0831803030	Kit Wire End Control
Opt:WEC-A3-X5	0011043108	Housing for bushing MICRO MNL 8 pole
Opt:WEC-A3-X5	0011043100	Bushing MICRO MNL 24-20AWG
Opt:WEC-S4	0008025012	Key switch 1xU, 90°
Opt:WEC-X50	0010070600	Machine socket 6 pole + PE
Opt:WEC-1X50	0010070700	Plug 6 pole + PE
S1	0008010032	Button
S2	0008010032	Button
S3	0008010032	Button
VSP-W1	0038077210	Cable 4x1+2x2x0.25+10x0.5mm ²
VSP-W2	0038030500	Welding cable 95mm ² HO1N2-D
VSP-1X2	0073031100	Welding cable plug 70/95mm ²
VSP-1X8	0010091320	Sleeve housing 24DD
VSP-1X8	0010091316	Pin HAN 24DD
VSP-1X8	0010091803	Crimp contact pin 1.0 HAN D
VSP-1X8	0010091804	Crimp contact pin 0.5 HAN D
VSP-1X8	0010091805	Crimp contact pin 0.14-0.37 HAN D
VSP-1X8	0035036100	Cable screw connection M25
VSP-2X2	0034060004	Cable lug 95mm ²
VSP-2X8	0010091320	Sleeve housing 24DD
VSP-2X8	0010091315	Socket insert HAN24DD
VSP-2X8	0010091810	Crimp contact bushing 1.0 HAN D
VSP-2X8	0010091830	Crimp contact bushing 0.5 HAN D
VSP-2X8	0010091880	Crimp contact bushing 0.14-0.37HAN/D
VSP-2X8	0035036100	Cable screw connection M25
X2B	0043620040	Central connection SZ Qineo
X2B	alternative	
X2B	0043620010	Central connection Euro Qineo
X5	0010092510	Mounted housing HAN3A/7D, metal
X5	0010092515	Socket insert 12 pole
X5	0010091830	Crimp contact bushing 0.5 HAN D
X5	0010092524	Encoding pin Han Q12
3X2	0073032750	Welding current connection M12
3X8	0010110071	Mounted housing HAN6E
3X8	0010091316	Pin HAN 24DD
3X8	0010091804	Crimp contact pin 0.5 HAN D
XB_SZ	0010030300	Socket

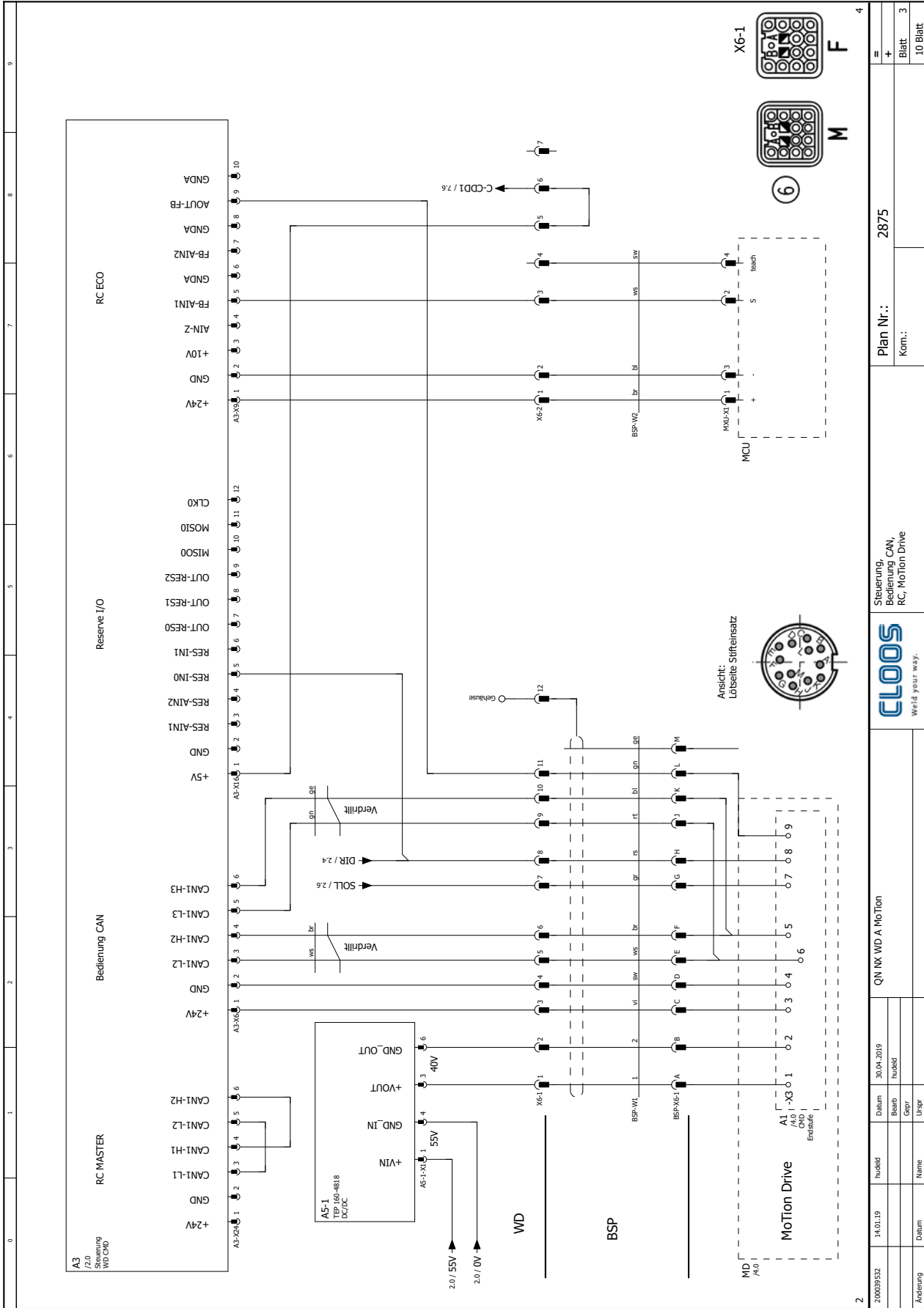
QWD "A4 - MoTion" (Circuit No. 2875)



Änderung	Datum	Name	Urspr	Gepr	hüddel	30.04.2019	QN NX WD A Motion		VSP Steuerung	Plan Nr.: 2875	Blatt 2	10 Blatt
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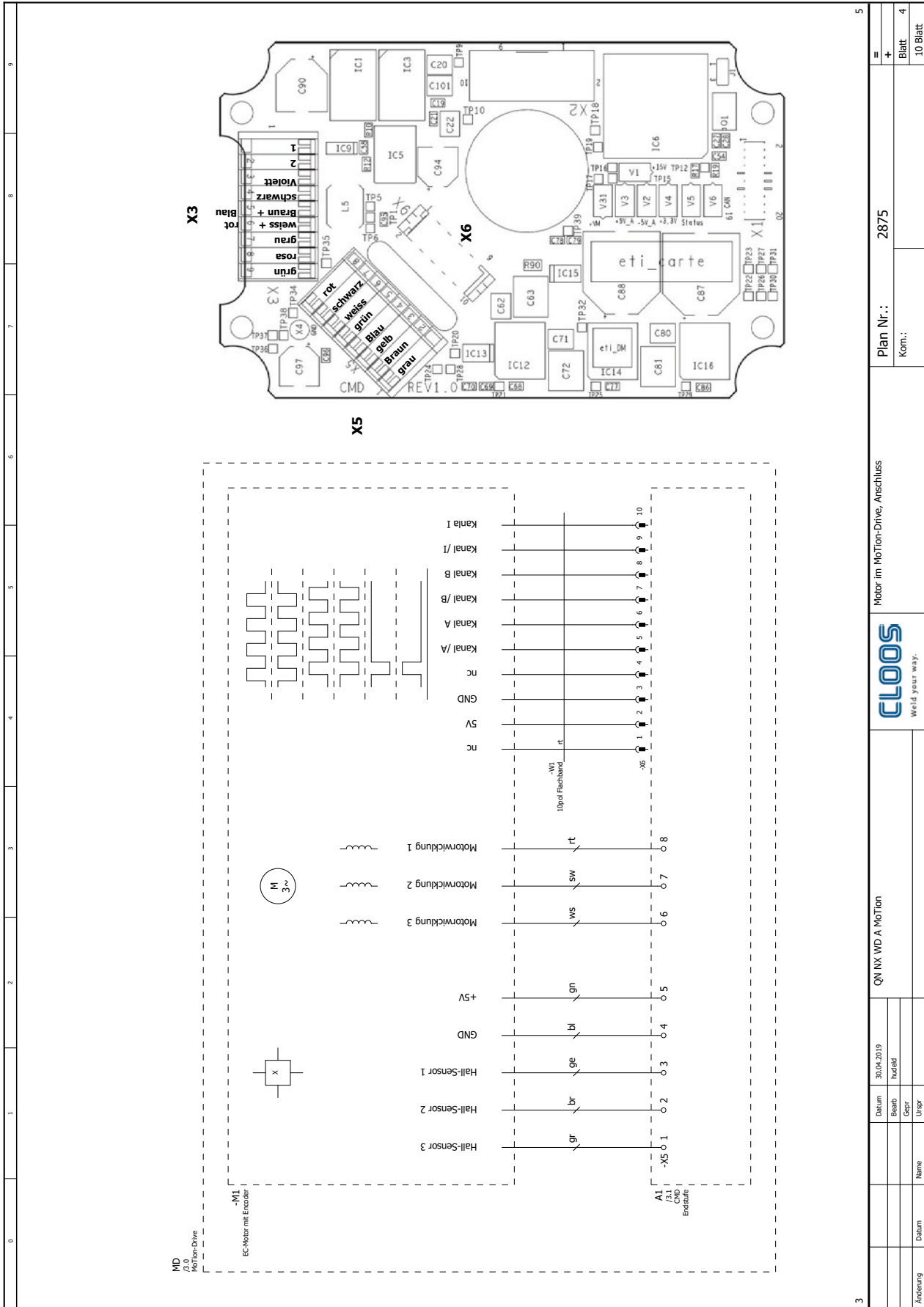


Circuit No. QN NX WD A 2875
Compare the circuit number with the one of your machine



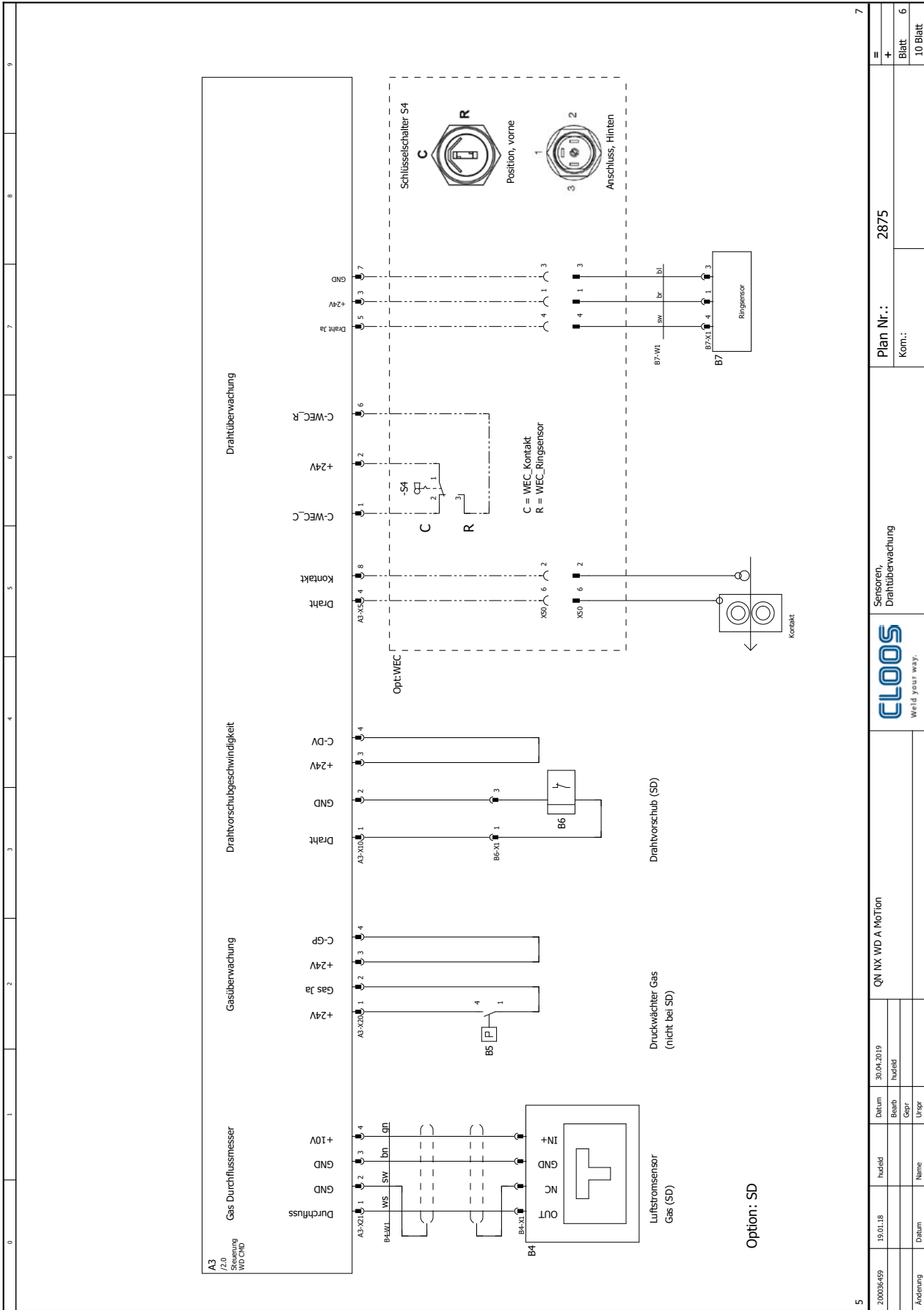
2	MD A10	4.0	hüddel	30.04.2019	hüddel
200039532	14.01.19	hüddel	hüddel	hüddel	hüddel
Änderung	Datum	Name	Urspr	Gepr	Beib
QN NX WD A MoTion					
Steuerung, Bedienung CAN, RC, MoTion Drive					
				Plan Nr.:	2875
				Kom.:	
				=	10 Blatt
				+	Blatt 3

Circuit No. QN NX WD A 2875
Compare the circuit number with the one of your machine



Circuit No. QN NX WD A 2875
 Compare the circuit number with the one of your machine

3	QN NX WD A MoTion			Motor im MoTion-Drive, Anschluss			Plan Nr.:	2875	5
Datum		30.04.2019	Name			Konn.:			
Beib.		hubald	Uepr.			Blatt:		4	
Uepr.			Uepr.			10 Blatt			



200904/99	19.01.18	hufeld	Datum	30.04.2019	hufeld	Datum	QN NX WD A M0Tton	Sensoren, Drahtüberwachung	Plan Nr.:	2875	7
Änderung	Datum	Name	Uepr	Gepr	Beib	hufeld			Komm.:		6
											10 Blatt

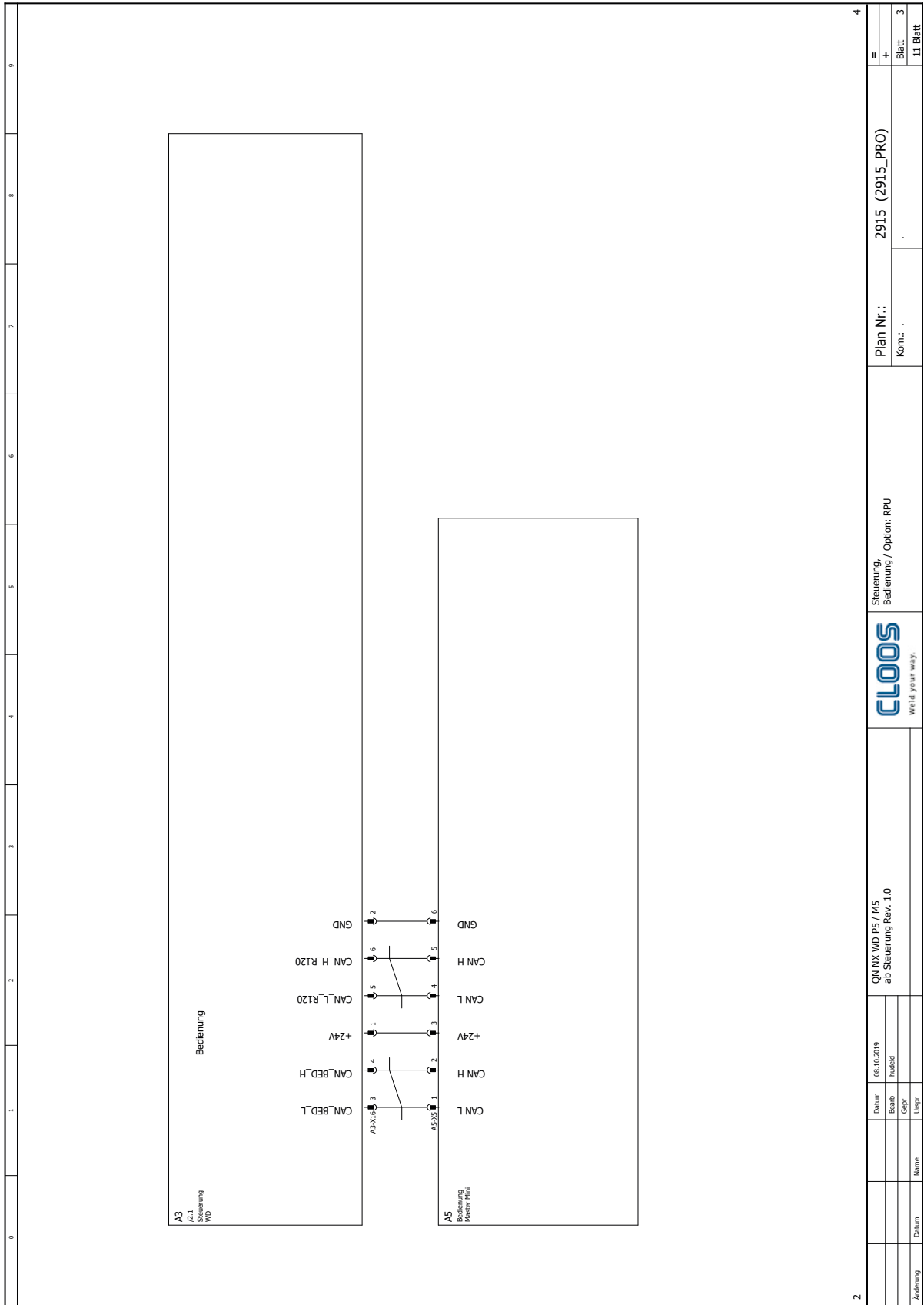
Circuit No. QN NX WD A 2875
Compare the circuit number with the one of your machine

Electrical parts list - Circuit No. 2875 (QWD "A4 - MoTion")

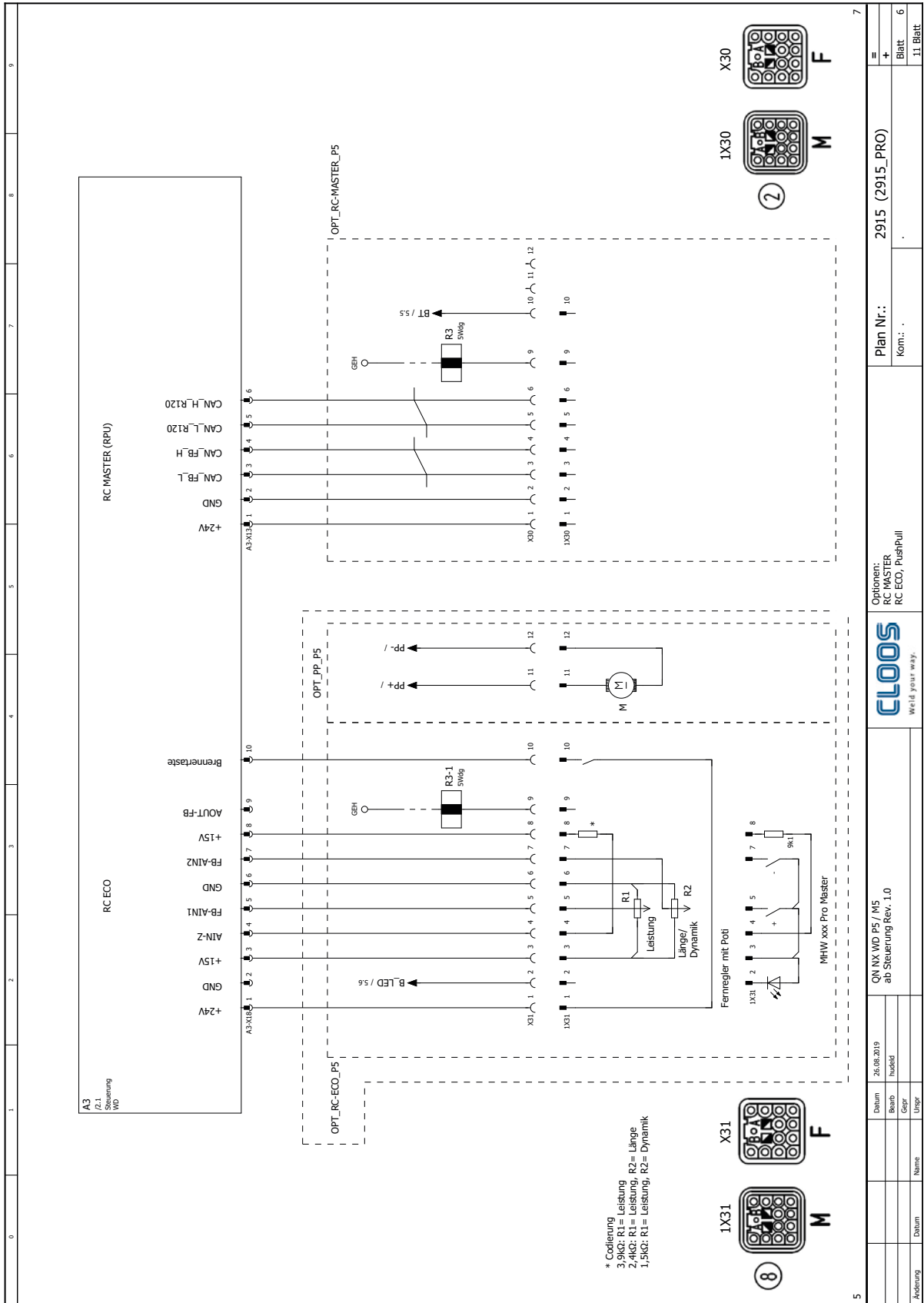
Item	Part number	Description
A3	0033334425	Qineo Pulse WD CMD, control II
A3-X1	A4-W1	
A3-X2	0011043006	Housing for bushing Mini Universal MNL 6 pole
A3-X2	0011043000	Bushing Mini Universal 20-16AWG
A3-X6	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X6	0011043100	Bushing MICRO MNL 24-20AWG
A3-X7	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X7	0011043100	Bushing MICRO MNL 24-20AWG
A3-X8	0011043012	Housing for bushing Mini Universal MNL 12 pole
A3-X8	0011043000	Bushing Mini Universal 20-16AWG
A3-X9	0011043110	Housing for bushing MICRO MNL 10 pole
A3-X9	0011043100	Bushing MICRO MNL 24-20AWG
A3-X10	0011043104	Housing for bushing MICRO MNL 4 pole
A3-X10	0011043100	Bushing MICRO MNL 24-20AWG
A3-X11	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X11	0011043100	Bushing MICRO MNL 24-20AWG
A3-X13	0011043110	Housing for bushing MICRO MNL 10 pole
A3-X13	0011043100	Bushing MICRO MNL 24-20AWG
A3-X16	0011043112	Housing for bushing MICRO MNL 12 pole
A3-X16	0011043100	Bushing MICRO MNL 24-20AWG
A3-X20	0011043104	Housing for bushing MICRO MNL 4 pole
A3-X20	0011043100	Bushing MICRO MNL 24-20AWG
A3-X21	B4-W1	
A3-X24	0011043106	Housing for bushing MICRO MNL 6 pole
A3-X24	0011043100	Bushing MICRO MNL 24-20AWG
A4	0033334500	Qineo Pulse WD, output stage II
A4-W1	A4	
A4-X1	0011043006	Housing for bushing Mini Universal MNL 6 pole
A4-X1	0011043000	Bushing Mini Universal 20-16AWG
A4-X2	0011043004	Housing for bushing Mini Universal MNL 4 pole
A4-X2	0011043000	Bushing Mini Universal 20-16AWG
A4-X5	0011043110	Housing for bushing MICRO MNL 10 pole
A4-X5	0011043100	Bushing MICRO MNL 24-20AWG
A5-1	0033334900	DC/DC converter CMD
A5-1-X1	0011043006	Housing for bushing Mini Universal MNL 6 pole
A5-1-X1	0011043000	Bushing Mini Universal 20-16AWG
B4	0016070710	Airflow sensor
B4-W1	0038131400	Cable 40cm
B4-X1	B4-W1	
B5	0016070600	Pressure switch
B6	0043591030	Pressure roller clip right WF-22 HD + sensor
B6-X1	0010053400	Flange socket 3 pole
B7	0007050059	Ring sensor inductive
B7-W1	0007050020	Cable socket M12x1 angular 5m
K2	0032020510	Solenoid valve 24V/DC
K3	0032024700	2/2 valve 3/8", 24V DC
M3	0024143600	Wire feed motor KSV5035/772
M3-B1	M3	
M3-B1-X1	0011042500	Socket board 4 pole
M3-B1-X1	0011042501	Cap for socket board 4 pole
M3-W1	0038071100	Oil flex cable 2x2x0.2mm ²
M3-X1	0035020301	Housing for receptacle 2 pole
M3-X1	0035020031	Receptacle 6.3mm
OPT:W-DFM	0831002010	Installation kit water flow meter QWD-A
OPT:W-DFM-A3-X4	0011043108	Housing for bushing MICRO MNL 8 pole
OPT:W-DFM-A3-X4	0011043100	Bushing MICRO MNL 24-20AWG
OPT:W-DFM-B2	0016070800	Flow meter FHKC G1/4
OPT:W-DFM-B2-X1	0011039710	Socket board 3 pole 3.96mm IDT0.3 - 0.4
OPT:W-DFM-B2-X1	0011039711	Cap for socket board 3 pole
OPT:W-DFM-B3	0030040411	NTC 10K

Item	Part number	Description
Opt:WEC	0831803030	Kit Wire End Control
Opt:WEC-A3-X5	0011043108	Housing for bushing MICRO MNL 8 pole
Opt:WEC-A3-X5	0011043100	Bushing MICRO MNL 24-20AWG
Opt:WEC-S4	0008025012	Key switch 1xU, 90°
Opt:WEC-X50	0010070600	Machine socket 6 pole + PE
Opt:WEC-1X50	0010070700	Plug 6 pole + PE
S1	0008010032	Button
S2	0008010032	Button
S3	0008010032	Button
VSP-W1	0038077210	Cable 4x1+2x2x0.25+10x0.5mm ²
VSP-W2	0038030500	Welding cable 95mm ² HO1N2-D
VSP-1X2	0073031100	Welding cable plug 70/95mm ²
VSP-1X8	0010091320	Sleeve housing 24DD
VSP-1X8	0010091316	Pin HAN 24DD
VSP-1X8	0010091803	Crimp contact pin 1.0 HAN D
VSP-1X8	0010091804	Crimp contact pin 0.5 HAN D
VSP-2X2	0034060004	Cable lug 95mm ²
VSP-2X8	0010091320	Sleeve housing 24DD
VSP-2X8	0010091315	Socket insert HAN24DD
VSP-2X8	0010091810	Crimp contact bushing 1.0 HAN D
VSP-2X8	0010091830	Crimp contact bushing 0.5 HAN D
X2B	0043620040	Central connection SZ Qineo
X2B	alternative	
X2B	0043620010	Central connection Euro Qineo
X5	0010092510	Mounted housing HAN3A/7D
X5	0010092515	Socket insert 12 pole
X5	0010091830	Crimp contact bushing 0.5 HAN D
X5	0010092524	Encoding pin Han Q12
X6-1	0010092510	Mounted housing HAN3A/7D
X6-1	0010092515	Socket insert 12 pole
X6-1	0010091830	Crimp contact bushing 0.5 HAN D
X6-1	0010092524	Encoding pin Han Q12
X6-2	0010092504	Mounted housing HAN3A/7D/STAF6, PC
X6-2	0010092502	Socket insert 7 pole
X6-2	0010091830	Crimp contact bushing 0.5 HAN D
3X2	0073032750	Welding current connection M12
3X8	0010110071	Mounted housing HAN6E
3X8	0010091316	Pin HAN 24DD
3X8	0010091804	Crimp contact pin 0.5 HAN D
XB_SZ	0010030300	Socket

Circuit No. QN NX "P5" / "M5" 2915
 Compare the circuit number with the one of your machine



QN NX WD P5 / M5
ab Steuerung Rev. 1.0



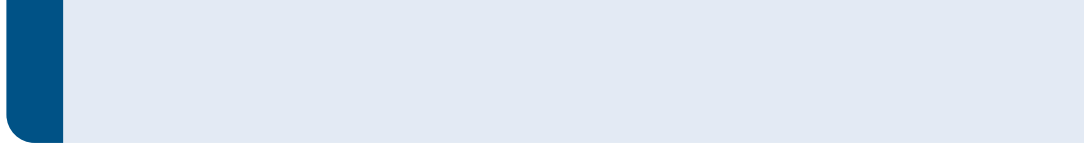
Circuit No. QN NX "P5" / "M5" 2915
Compare the circuit number with the one of your machine

Änderung	Datum	Name	Urspr						
	26.08.2019	huded							
QN NX WD P5 / M5 ab Steuerung Rev. 1.0				CLOOS Weid your way.					
Optionen: RC MASTER RC ECO, PushPull				Plan Nr.:	2915 (2915_PRO)				
				Kom.:					
				Blatt					6
				TI Blatt					7

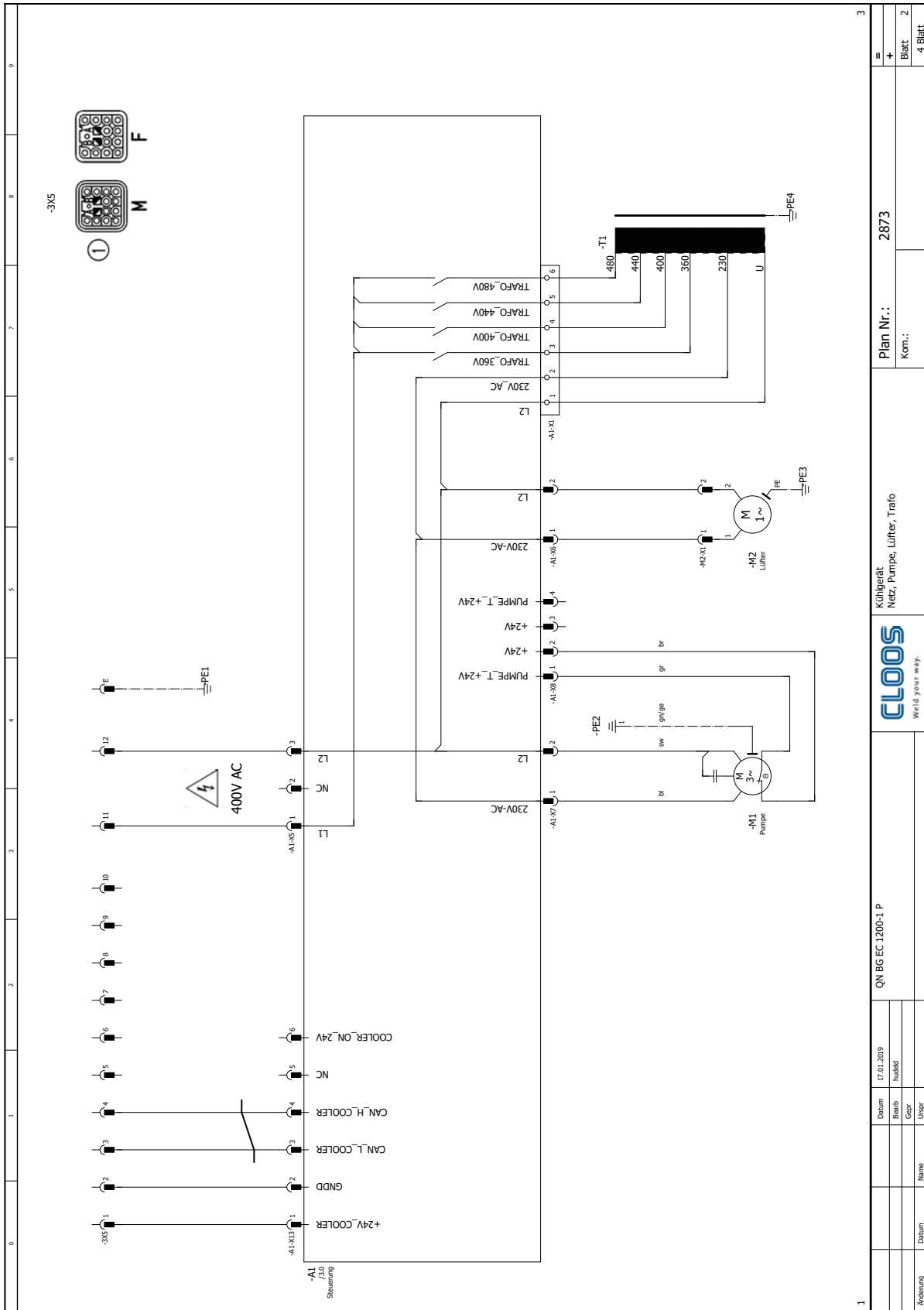
Electrical parts list - Circuit No. 2915 (QWD "P5 / M5")

Item	Part number	Designation
A3	0033335100	QN WD P5/M5, controller
A3-1-1X1	0011043054	4 pole pin housing Mini Universal MNL
A3-1-1X1	0011043050	Pin Mini Universal 20-16AWG
A3-1-X1	0011043004	Housing for bushing Mini Universal MNL 4 pole
A3-1-X1	0011043000	Bushing Mini Universal 20-16AWG
A3-X3	0011043002	Housing for bushing Mini Universal MNL 2 pole
A3-X3	0011043000	Bushing Mini Universal 20-16AWG
A3-X5	0011043002	Housing for bushing Mini Universal MNL 2 pole
A3-X5	0011043000	Bushing Mini Universal 20-16AWG
A3-X6	0011043008	Housing for bushing Mini Universal MNL 8 pole
A3-X6	0011043000	Bushing Mini Universal 20-16AWG
A3-X7	0011043006	Housing for bushing Mini Universal MNL 6 pole
A3-X7	0011043000	Bushing Mini Universal 20-16AWG
A3-X8	0011043014	Housing for bushing Mini Universal MNL 14 pole
A3-X8	0011043000	Bushing Mini Universal 20-16AWG
A3-X10	0011043010	Housing for bushing Mini Universal MNL 10 pole
A3-X10	0011043000	Bushing Mini Universal 20-16AWG
A3-X11	0011036719	Bushing housing 5 pole
A3-X11	0011036715	Bushing 4908, 22-30 AWG
A3-X13	0011043006	Housing for bushing Mini Universal MNL 6 pole
A3-X13	0011043000	Bushing Mini Universal 20-16AWG
A3-X16	0011043006	Housing for bushing Mini Universal MNL 6 pole
A3-X16	0011043000	Bushing Mini Universal 20-16AWG
A3-X18	0011043010	Housing for bushing Mini Universal MNL 10 pole
A3-X18	0011043000	Bushing Mini Universal 20-16AWG
A5	0831004140	Qineo MasterPlus Compact operating module
A5-X5	0011043156	Housing for bushing MICRO MNL 1R 6 pole
A5-X5	0011043100	Bushing MICRO MNL 24-20AWG
K2	0032020510	Solenoid valve 24V/DC
M3	0024144100	Wire feed motor PM4228/126
M3-B1-X1	0011042500	Socket board 4 pole
M3-B1-X1	0011042501	Cap for socket board 4 pole
M3-W2	0024144101	Connection cable for motor 0024144100
M3-X1	-> M3-W2	
OPT RC-ECO P5	0890202005	QN WD P5 option RC ECO
OPT RC-ECO P5-1X31	0010092511	Sleeve housing straight HAN3A/7D/STAF6
OPT RC-ECO P5-1X31	0010092514	Pin insert 12 pole
OPT RC-ECO P5-1X31	0010091804	Crimp contact pin 0.5 HAN D
OPT RC-ECO P5-1X31	0010092524	Encoding pin Han Q12
OPT RC-ECO P5-A3-X18	0011043010	Housing for bushing Mini Universal MNL 10 pole
OPT RC-ECO P5-A3-X18	0011043000	Bushing Mini Universal 20-16AWG
OPT RC-ECO P5-R3-1	0027092100	Ferrite core, OD17.5 ID9.5 L12.7
OPT RC-ECO P5-X31	0010092510	Mounted housing HAN3A/7D
OPT RC-ECO P5-X31	0010092515	Socket insert 12 pole
OPT RC-ECO P5-X31	0010091830	Crimp contact bushing 0.5 HAN D
OPT RC-ECO P5-X31	0010092524	Encoding pin Han Q12
OPT RC-MASTER P5	0890202006	QN WD P5 option RC MASTER
OPT RC-MASTER P5-1X30	0010092511	Sleeve housing straight HAN3A/7D/STAF6
OPT RC-MASTER P5-1X30	0010092514	Pin insert 12 pole
OPT RC-MASTER P5-1X30	0010091804	Crimp contact pin 0.5 HAN D
OPT RC-MASTER P5-1X30	0010092524	Encoding pin Han Q12
OPT RC-MASTER P5-A3-X13	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT RC-MASTER P5-A3-X13	0011043000	Bushing Mini Universal 20-16AWG
OPT RC-MASTER P5-R3	0027092100	Ferrite core, OD17.5 ID9.5 L12.7
OPT RC-MASTER P5-X30	0010092510	Mounted housing HAN3A/7D
OPT RC-MASTER P5-X30	0010092515	Socket insert 12 pole
OPT RC-MASTER P5-X30	0010091830	Crimp contact bushing 0.5 HAN D
OPT RC-MASTER P5-X30	0010092524	Encoding pin Han Q12

Item	Part number	Designation
OPT_W-DFM	0890202025	QN WD P5 option: Water flow meter
OPT_W-DFM-A3-X6	0011043006	Housing for bushing Mini Universal MNL 6 pole
OPT_W-DFM-A3-X6	0011043000	Bushing Mini Universal 20-16AWG
OPT_W-DFM-B2	0016070850	Flow meter FHKUC 25 G1/4
OPT_W-DFM-B2-X1	0011039710	Socket board 3 pole 3.96mm IDT0.3 - 0.4
OPT_W-DFM-B2-X1	0011039711	Cap for socket board 3 pole
OPT_W-DFM-B3	0030040413	Temperature sensor NTC 10k, l=850mm
OPT_ZK-A3-1	0033335000	QN WD P5/M5, intermediate circuit board
R5	0027092400	Ferrite core
S1	0008010032	Button
S2	0008010032	Button
VSP-W1	0038141220	Data line LIYCY (TP) 8x2x0,5
VSP-W2	0038030500	Welding cable 95mm ² HO1N2-D
VSP-1X2	0073031100	Welding cable plug 70/95mm ²
VSP-1X8	0010091320	Sleeve housing 24DD
VSP-1X8	0010091316	Pin HAN 24DD
VSP-1X8	0010091804	Crimp contact pin 0.5 HAN D
VSP-1X8	0035036100	Cable screw connection M25
VSP-2X2	0034060004	Cable lug 95mm ²
VSP-2X8	0010091320	Sleeve housing 24DD
VSP-2X8	0010091315	Socket insert HAN24DD
VSP-2X8	0010091830	Crimp contact bushing 0.5 HAN D
VSP-2X8	0035036100	Cable screw connection M25
X2B	0043620040	Central connection SZ Qineo
X2B	alternativ	
X2B	0043620120	Central connection Euro P5
3X2	0073032750	Welding current connection M12
3X8	0010110071	Mounted housing HAN6E
3X8	0010091316	Pin HAN 24DD
3X8	0010091804	Crimp contact pin 0.5 HAN D
XB	Option SZ:	
XB	0010030300	Socket



Cooling module EC-1200 (Circuit No. 2873)



1		3	
Adoening		Blatt 2	
Datum		4 Blatt	
Name		Kühlhaubit	
Urspr		Netz, Pumpe, Lüfter, Trafo	
Gepr		Plan Nr.: 2873	
huooid		Kom.:	
17.01.2019			
Dahm		QN 5G EC 1200-1 P	



Circuit No. 2873 (EC-1200)

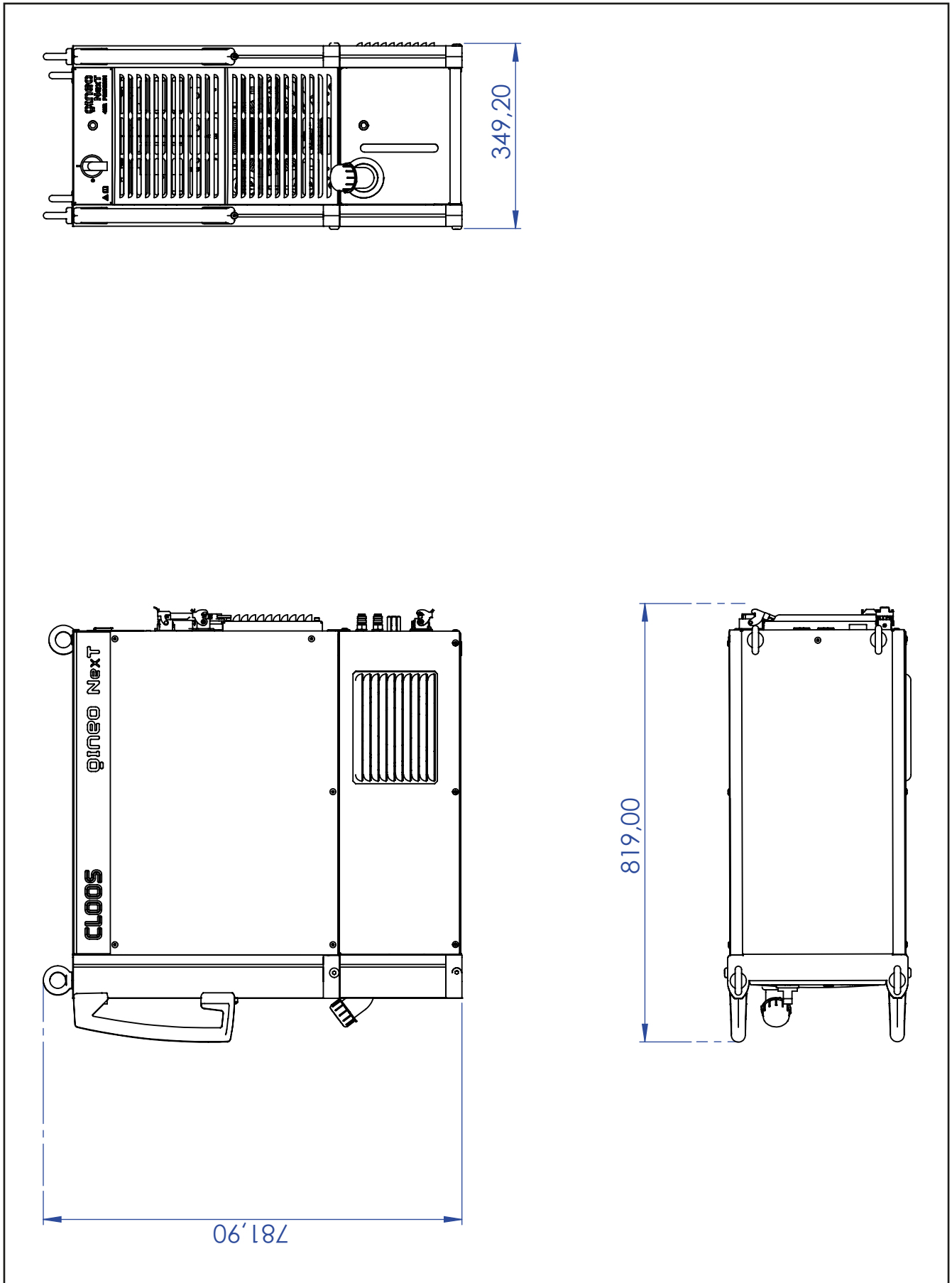
Compare the circuit number with the one of your machine

Electrical parts list - Circuit No. 2873 (Cooling module EC-1200)

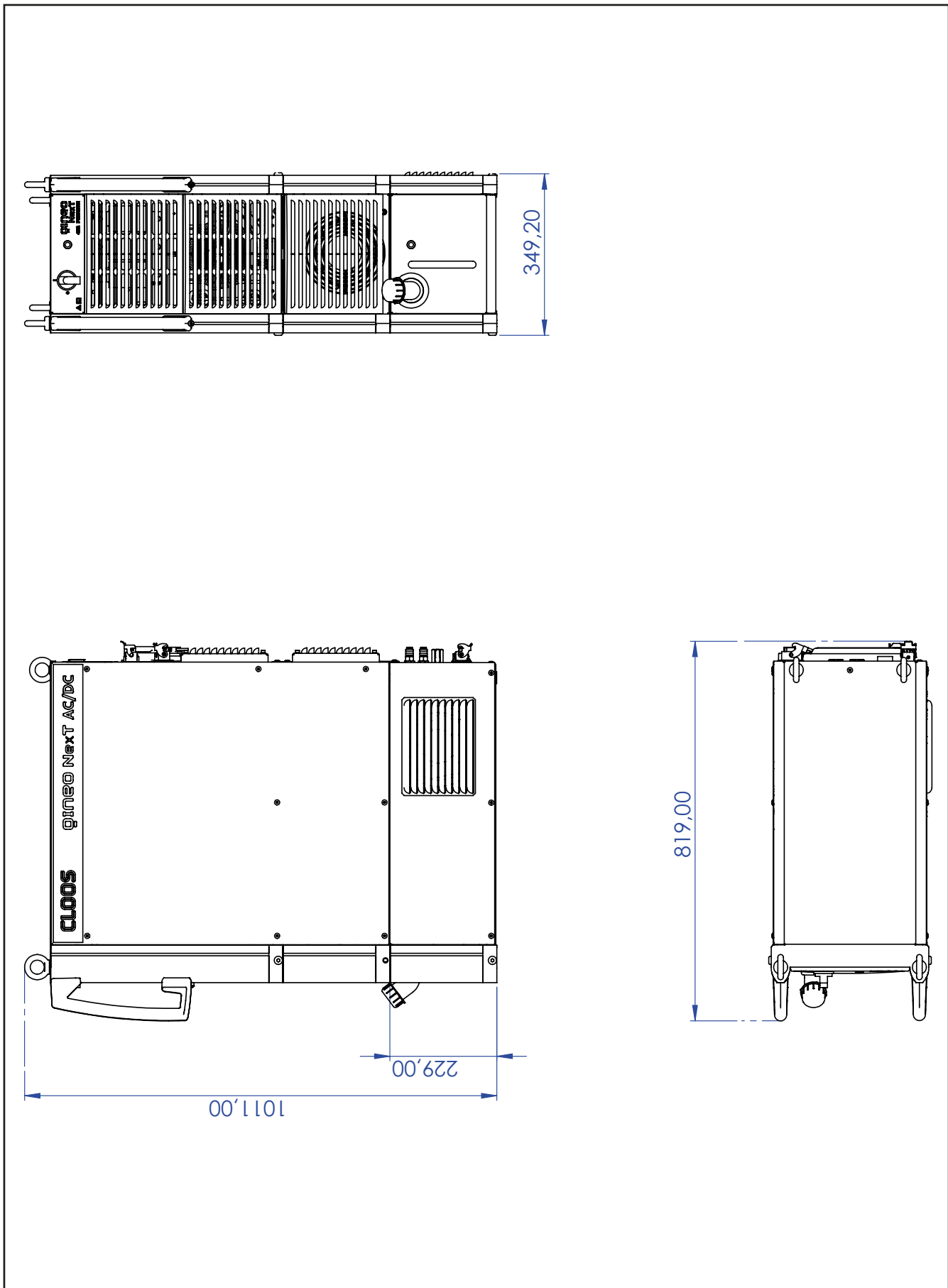
Item	Part No.	Designation
A1	0033253300	QN BG EC, control
A1-X1	-> A1	
A1-X2	0011043010	Housing for bushing Mini Universal MNL 10 pole
A1-X2	0011043000	Bushing Mini Universal 20-16AWG
A1-X3	0011043008	Housing for bushing Mini Universal MNL 8 pole
A1-X3	0011043000	Bushing Mini Universal 20-16AWG
A1-X4	0011043004	Housing for bushing Mini Universal MNL 4 pole
A1-X4	0011043000	Bushing Mini Universal 20-16AWG
A1-X5	0011043803	Socket board 3 pole
A1-X6	0011042902	Housing for bushing Universal MNL 2 pole
A1-X6	0011042900	Bushing Universal 20-14AWG
A1-X7	0011042902	Housing for bushing Universal MNL 2 pole
A1-X7	0011042900	Bushing Universal 20-14AWG
A1-X8	0011043004	Housing for bushing Mini Universal MNL 4 pole
A1-X8	0011043000	Bushing Mini Universal 20-16AWG
A1-X9	0011036714	Bushing housing 4-pole, 2.54mm
A1-X9	0011036715	Crimp contact
A1-X10	0011043004	Housing for bushing Mini Universal MNL 4 pole
A1-X10	0011043000	Bushing Mini Universal 20-16AWG
A1-X13	0011043006	Housing for bushing Mini Universal MNL 6 pole
A1-X13	0011043000	Bushing Mini Universal 20-16AWG
B1	0016070800	Flow meter FHKC RYTON G1/4
B1-X1	0011039700	Socket board 3 pole 3.906mm, IDT0.5-0.6
B1-X1	0011039711	Cap for socket board 3 pole
B2	0030040413	Temperature sensor NTC 10k, l=850mm
B3	0030040413	Temperature sensor NTC 10k, l=850mm
B4	0016091000	Float switch
M1	0023033820	Pump QN NX, MTP-600 HP EPDM 230V/50-60HZ
M2	0022044600	Fan 230V, 26W
M2-X1	0022041520	Connection cable for fan, 1m, 2.8x0.5mm
P1	0020030132	QN BG, signal LED
3X5	0010092504	Mounted housing HAN3A/7D/STAF6
3X5	0010092514	Pin insert 12 pole
3X5	0010091804	Crimp contact pin 0.5 HAN D
3X5	0010091806	Crimp contact pin 1.5 HAN D
3X5	0010092524	Encoding pin Han Q12

3. Dimensions

Qineo Next



Qineo Next AC



CLOOS

Weld your way.