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SCHEMATICS

ITEM	DRAW NUMBER	DESCRIPTION	STANDARD	ACTIVE COOL.	MOTORIZED	FIXED ANODE
1	95 002B	INTERCONNECTIONS	YES	NO	NO	NO
2	95 002B-AC	INTERCONNECTIONS WITH ACTIVE COOLING	NO	YES	NO	NO
3	95 002A-MOT	INTERCONNECTIONS WITH MOTORIZATION	NO	NO	YES	NO
4	95 002A-AC-MOT	INTERCONNECTIONS WITH ACTIVE COOLING AND MOTORIZATION	NO	NO	YES	NO
5	95 002B-FIX	INTERCONNECTIONS WITH FIXED ANODE	NO	NO	NO	YES
6	95 003	GENERAL POWER SUPPLY	YES	YES	NO	YES
7	95 003-MOT	GENERAL POWER SUPPLY WITH MOTORIZATION	NO	NO	YES	NO
8	95 004A	POWER SUPPLY CIRCUIT	YES	YES	NO	NO
9	95 004-MOT	POWER SUPPLY CIRCUIT WITH MOTORIZATION	NO	NO	YES	NO
10	95 004A-FIX	POWER SUPPLY CIRCUIT	NO	NO	NO	YES
11	95 005-FIX	X-RAY POWER CIRCUIT WITH FIXED ANODE	NO	NO	NO	YES
12	95 005-ROT.	X-RAY POWER CIRCUIT WITH ROTATING ANODE	YES	NO	YES	NO
13	95 005-ROT.-AC	X-RAY POWER CIRCUIT WITH ROTATING ANODE AND ACTIVE COOLING	NO	YES	YES	NO
14	95 006A	CTBK-HW BOARD (B1)	YES	NO	NO	YES
15	95 006A-AC	CTBK-HW BOARD (B1) WITH ACTIVE COOLING	NO	YES	NO	NO
16	95 006A-MOT	CTBK-HW BOARD (B1) WITH MOTORIZATION	NO	NO	YES	NO
17	95 007A	CTBK-HW BOARD (B1)	YES	YES	YES	YES
18	95 008	CTBK-HW BOARD (B1)	YES	YES	YES	YES
19	95 009	CTBK-HW BOARD (B1)	YES	YES	NO	YES
20	95 009-MOT	CTBK-HW BOARD (B1) WITH MOTORIZATION	NO	NO	YES	NO
21	95 010	CTBK-HW BOARD (B1)	YES	YES	NO	YES
22	95 010-MOT	CTBK-HW BOARD (B1) WITH MOTORIZATION	NO	NO	YES	NO
23	95 011B	CTBK-HW BOARD (B1)	YES	YES	NO	YES
24	95 011A-MOT	CTBK-HW BOARD (B1) WITH MOTORIZATION	NO	NO	YES	NO
25	95 012	CTBK-HW BOARD (B1)	YES	YES	YES	YES
26	95 013	UP/DOWN MOTOR CONTROL BOARD	YES	YES	NO	YES
27	95 014	I.R. REMOTE CONTROL BOARD	YES	YES	YES	YES
28	95 015-AC	ACTIVE COOLING AFPC 00 CONTROL BOARD	NO	NO	YES	NO
29	95 016-MOT	MOTORIZED CONTROL AFMC 00 BOARD	NO	NO	YES	NO
30	95 017-MOT	MOTORIZED CONTROL AFMC 00 BOARD	NO	NO	YES	NO
31	95 018-MOT	MOTORIZED CONTROL AFPM 00 BOARD	NO	NO	YES	NO
32	95 019-MOT	MOTORIZED CONTROL AFPM 00 BOARD	NO	NO	YES	NO
33	95 020-MOT	MOTOR DRIVER LAYOUT	NO	NO	YES	NO
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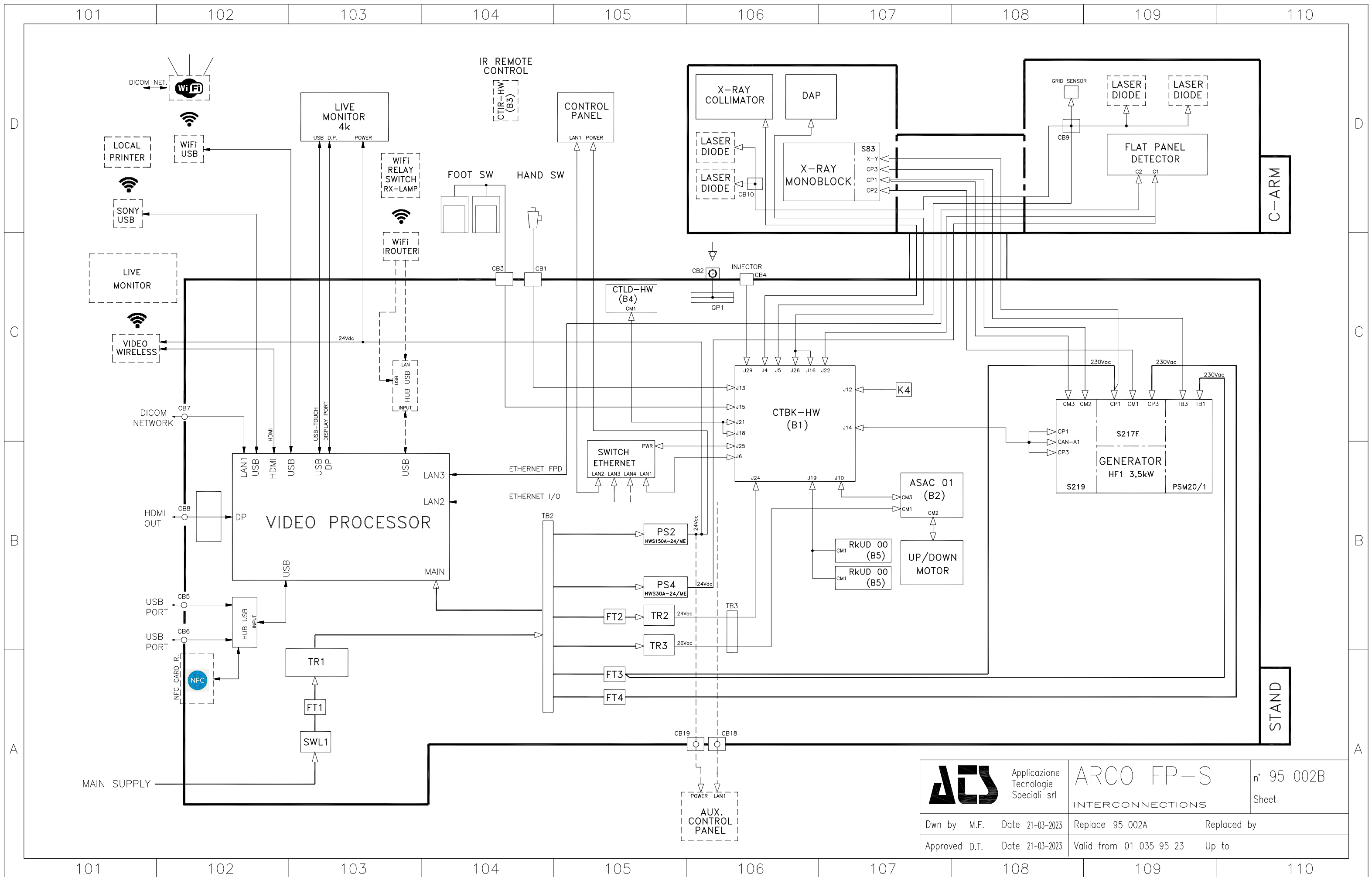
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PCB LAYOUT

ITEM	DRAW NUMBER	DESCRIPTION	STANDARD	ACTIVE COOL.	MOTORIZED	FIXED ANODE
1	95 101	GENERAL LAYOUT	YES	NO	NO	NO
2	95 101-AC	GENERAL LAYOUT WITH ACTIVE COOLING	NO	YES	NO	NO
3	95 101-MOT	GENERAL LAYOUT WITH MOTORIZATION	NO	NO	YES	NO
4	95 101-AC-MOT	GENERAL LAYOUT WITH ACTIVE COOLING AND MOTORIZATION	NO	NO	YES	NO
5	95 101-FIX	GENERAL LAYOUT WITH FIXED ANODE	NO	NO	YES	YES
6	95 102A	POWER SUPPLY UNIT LAYOUT	YES	YES	NO	YES
7	95 102-MOT	POWER SUPPLY UNIT LAYOUT WITH MOTORIZATION	NO	NO	YES	NO
8	95 103	UP/DOWN MOTOR LAYOUT	YES	YES	NO	YES
9	95 103-MOT	UP/DOWN MOTOR LAYOUT WITH MOTORIZATION	NO	NO	YES	NO
10	95 104	X-RAY GENERATOR LAYOUT	YES	YES	YES	YES
11	95 105C	VIDEO PROCESSOR LAYOUT	YES	YES	YES	YES
12	95 106	CONTROL PANEL LAYOUT	YES	YES	YES	YES
13	95 107	FLAT PANEL DETECTOR LAYOUT	YES	YES	YES	YES
14	95 108	S219 BOARD (X-RAY GENERATOR)	YES	YES	YES	YES
15	95 109	SB3 BOARD (X-RAY TUBE FOR ROTATING ANODE)	YES	NO	YES	NO
16	95 109-AC	PSM26 BOARD (X-RAY TUBE FOR ROTATING ANODE WITH ACTIVE COOLING)	NO	YES	YES	NO
17	95 110	PSM26 BOARD (X-RAY TUBE FOR FIXED ANODE)	YES	NO	NO	YES
18	95 111	MOTOR DRIVER LAYOUT	NO	NO	YES	NO
19	74 01 100B	B1 BOARD (CTBK-HW)	YES	YES	YES	YES
20	19 10 010A	B2 BOARD (ASAC 01)	YES	YES	NO	YES
21	74 01 200	B3 BOARD (CTIR-HW)	YES	YES	YES	YES
22	74 01 300	B4 BOARD (CTLD-HW)	YES	YES	YES	YES
23	59 01 400	B5 BOARD (RkUD 00)	YES	YES	YES	YES
24	74 01 500	B6 BOARD (AFPC 00)	NO	YES	NO	NO
25	74 01 600	B7 BOARD (AFMC 00)	NO	NO	YES	NO
26	74 01 700	B8 BOARD (AFPM 00)	NO	NO	YES	NO
27						

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 Applicazione Tecnologie Speciali srl	ARCO FP-S DRAWING LIST		n° 95 00 08 Sheet
	Dwn by M.F. Date 21-03-2023	Replace 95 00 07	Replaced by
Approved D.T. Date 21-03-2023	Valid from 01 035 95 23	Up to	



Applicazione
Tecnologie
Speciali srl

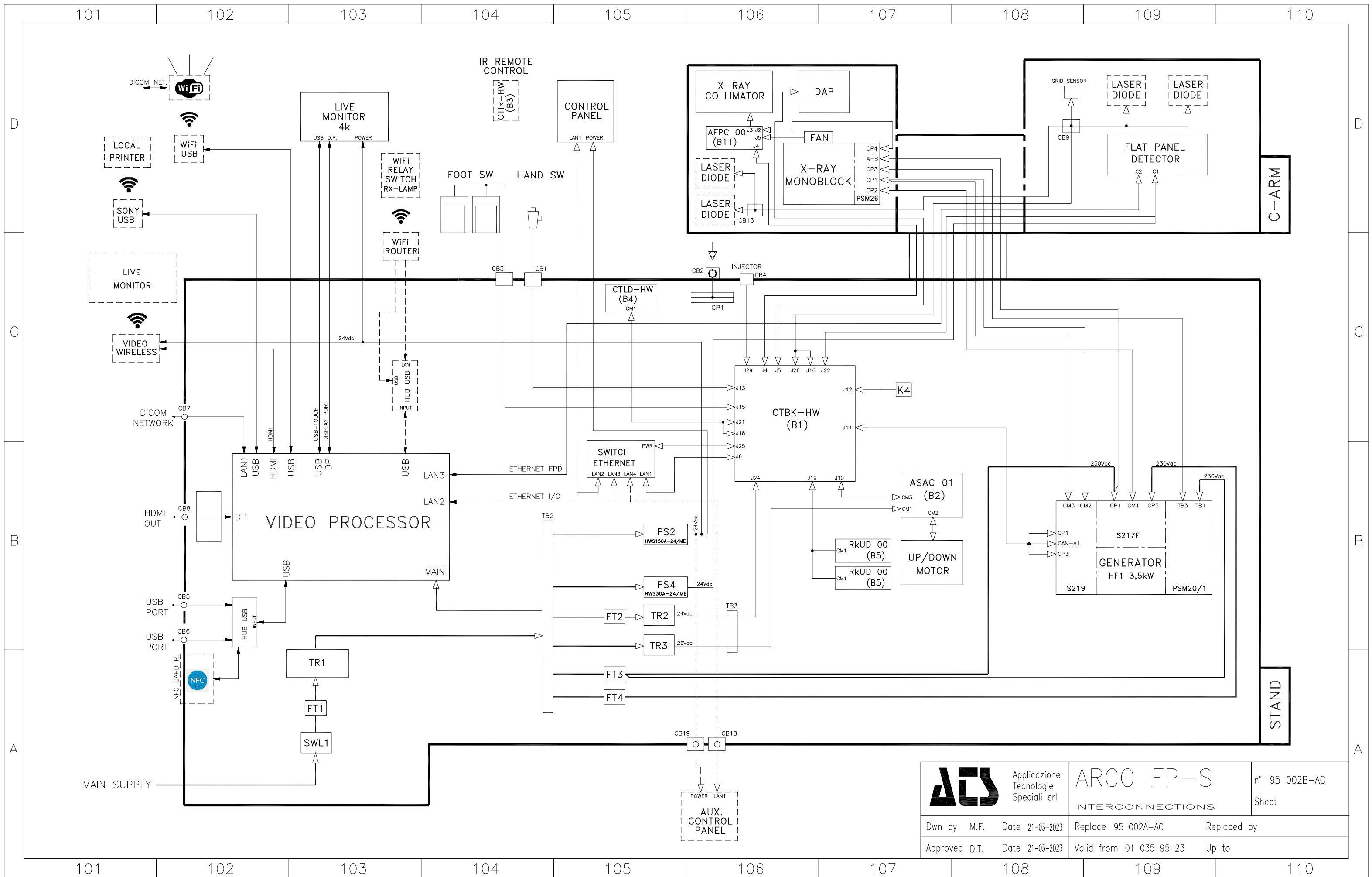
ARCO FP-S

INTERCONNECTIONS

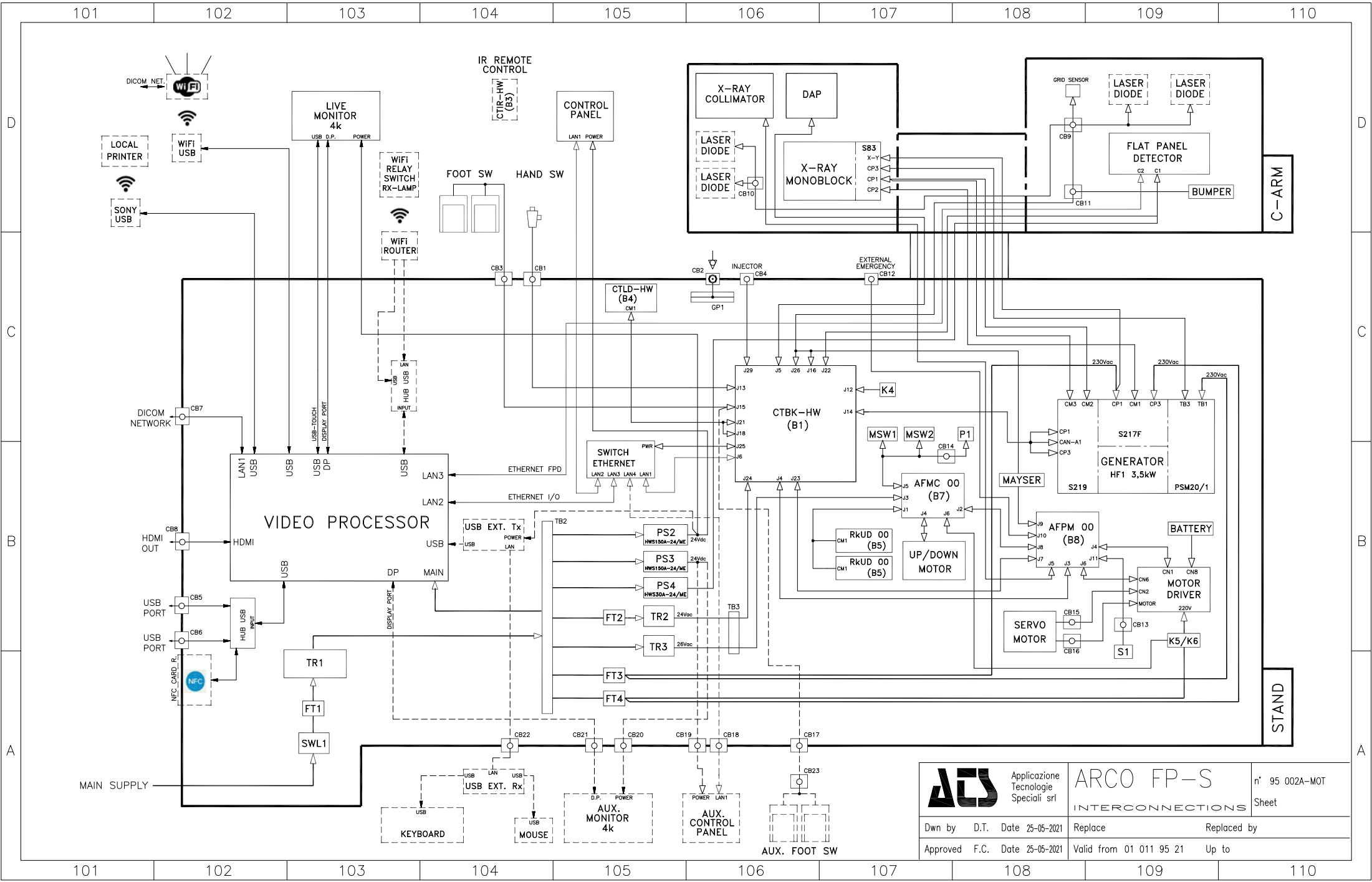
n° 95 002B
Sheet

Dwn by M.F. Date 21-03-2023
Approved D.T. Date 21-03-2023

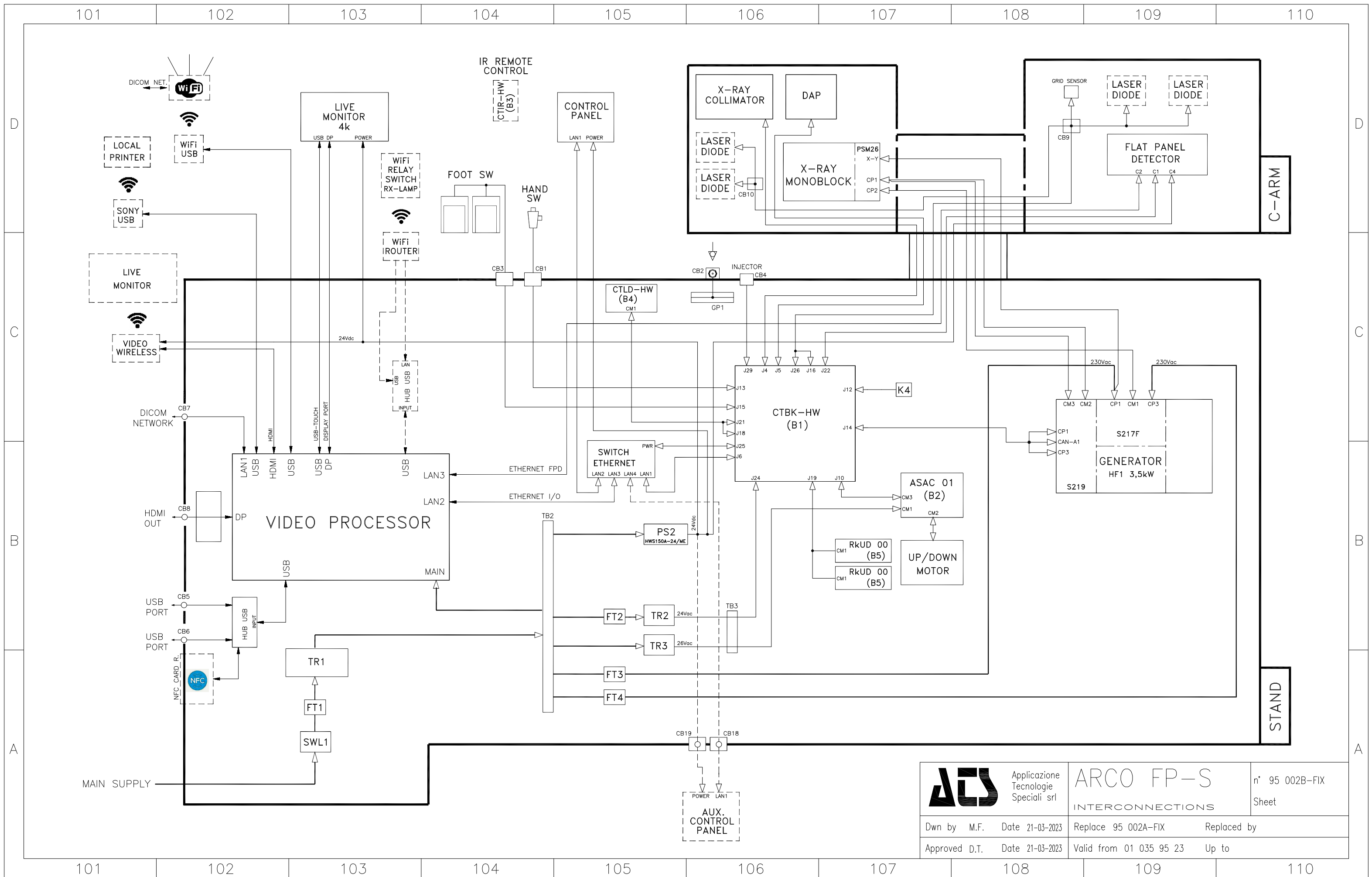
Replace 95 002A Replaced by
Valid from 01 035 95 23 Up to



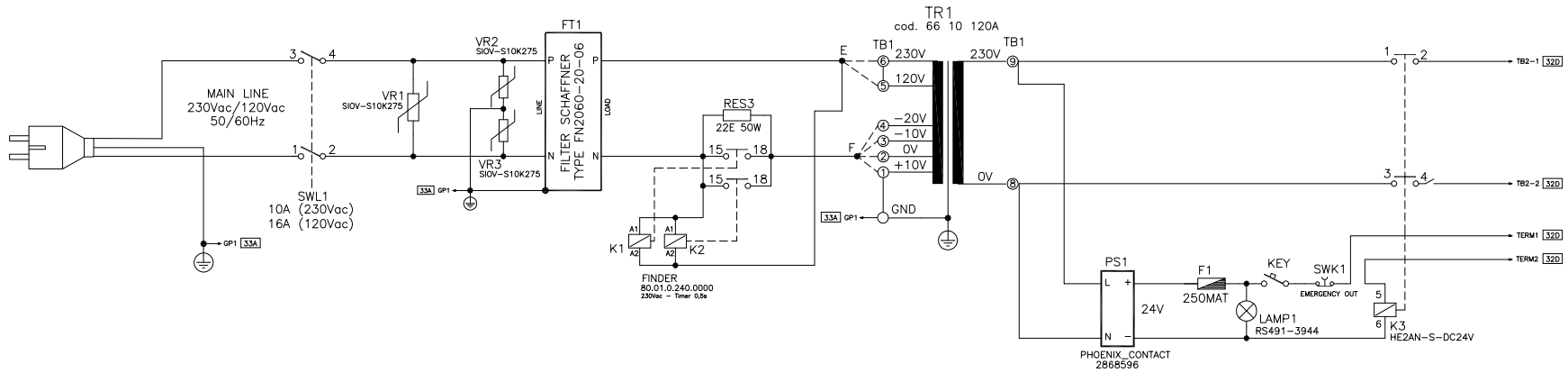
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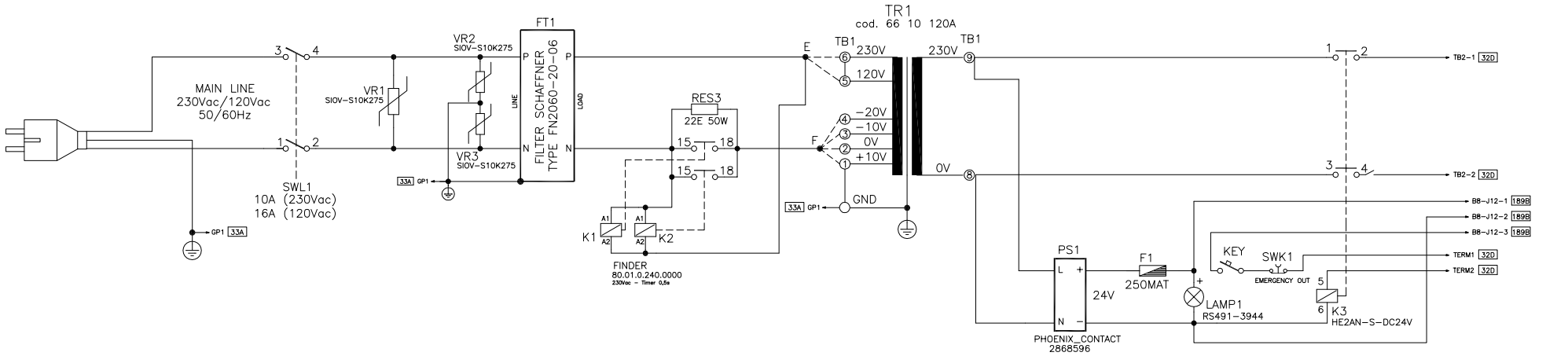
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 Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 002B-FIX
	INTERCONNECTIONS	Sheet
Dwn by M.F. Date 21-03-2023	Replace 95 002A-FIX	Replaced by
Approved D.T. Date 21-03-2023	Valid from 01 035 95 23	Up to



 Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 003
	GENERAL POWER SUPPLY	Sheet
Dwn by D.T. Date 01-08-2018	Replace	Replaced by
Approved F.C. Date 01-08-2018	Valid from 01 001 95 18	Up to



 Applicazione Tecnologie Speciali srl	ARCO FP-S		n° 95 003-MOT
	GENERAL POWER SUPPLY		
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Approved F.C. Date 25-05-2021	Valid from 01 01 95 21	Up to	

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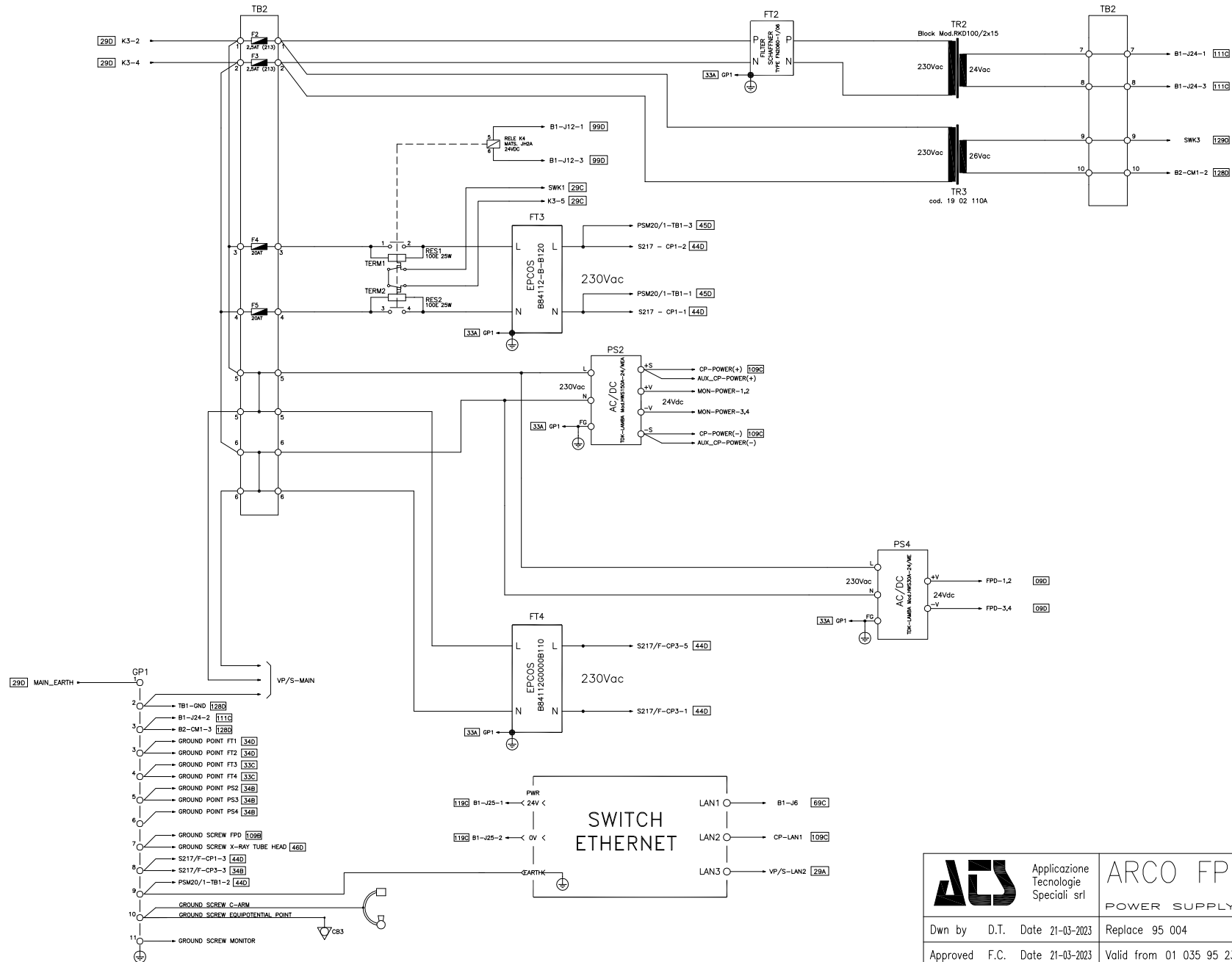
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Applicazione
Tecnologie
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ARCO FP-S

POWER SUPPLY CIRCUIT

n° 95 004A
Sheet

Dwn by D.T. Date 21-03-2023
Approved F.C. Date 21-03-2023

Replace 95 004 Replaced by
Valid from 01 035 95 23 Up to

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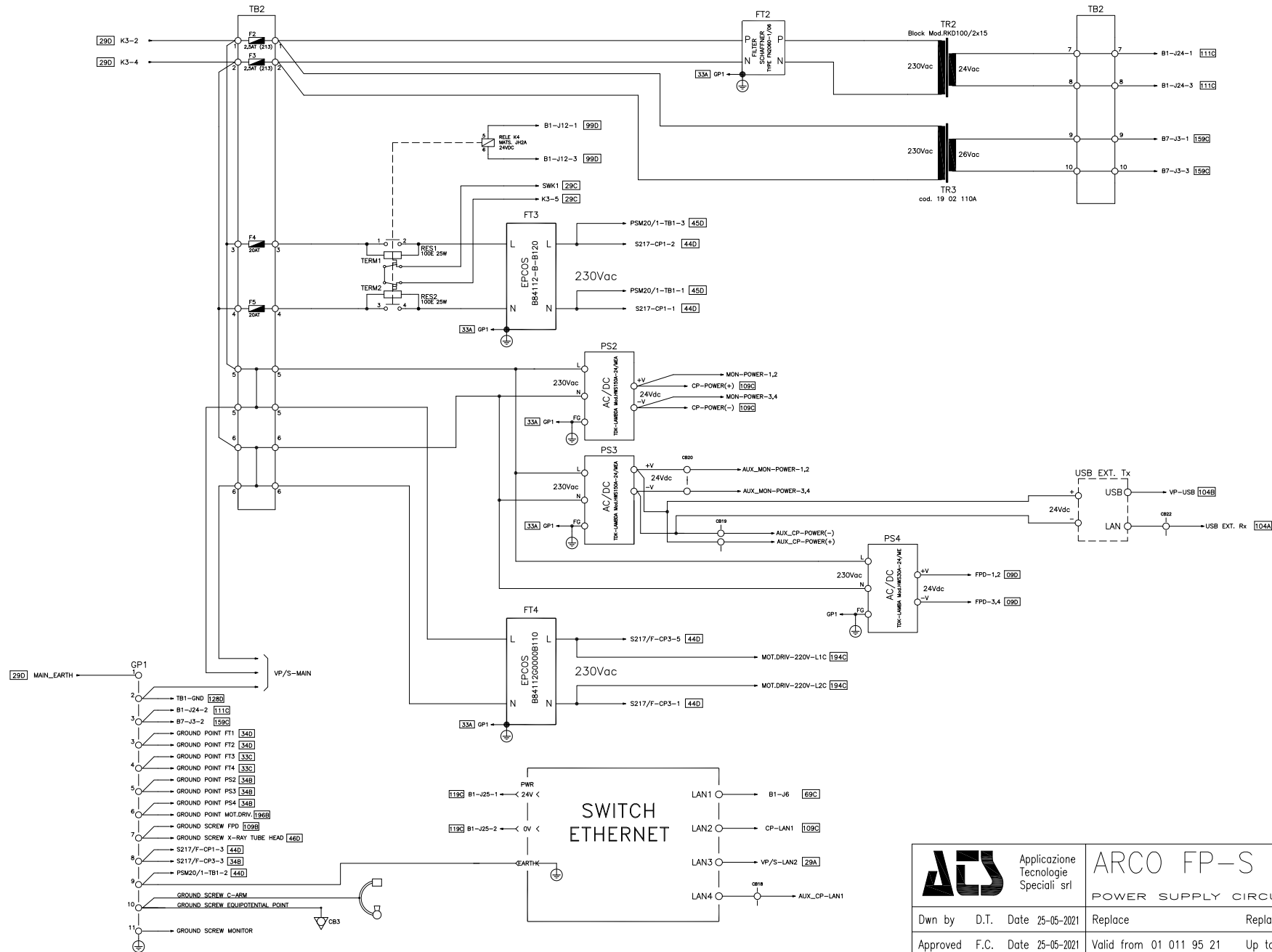
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 Applicazione Tecnologie Speciali srl	ARCO FP-S		n° 95 004-MOT
	POWER SUPPLY CIRCUIT		
Dwn by D.T. Date 25-05-2021	Replace	Replaced by	
Approved F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to	

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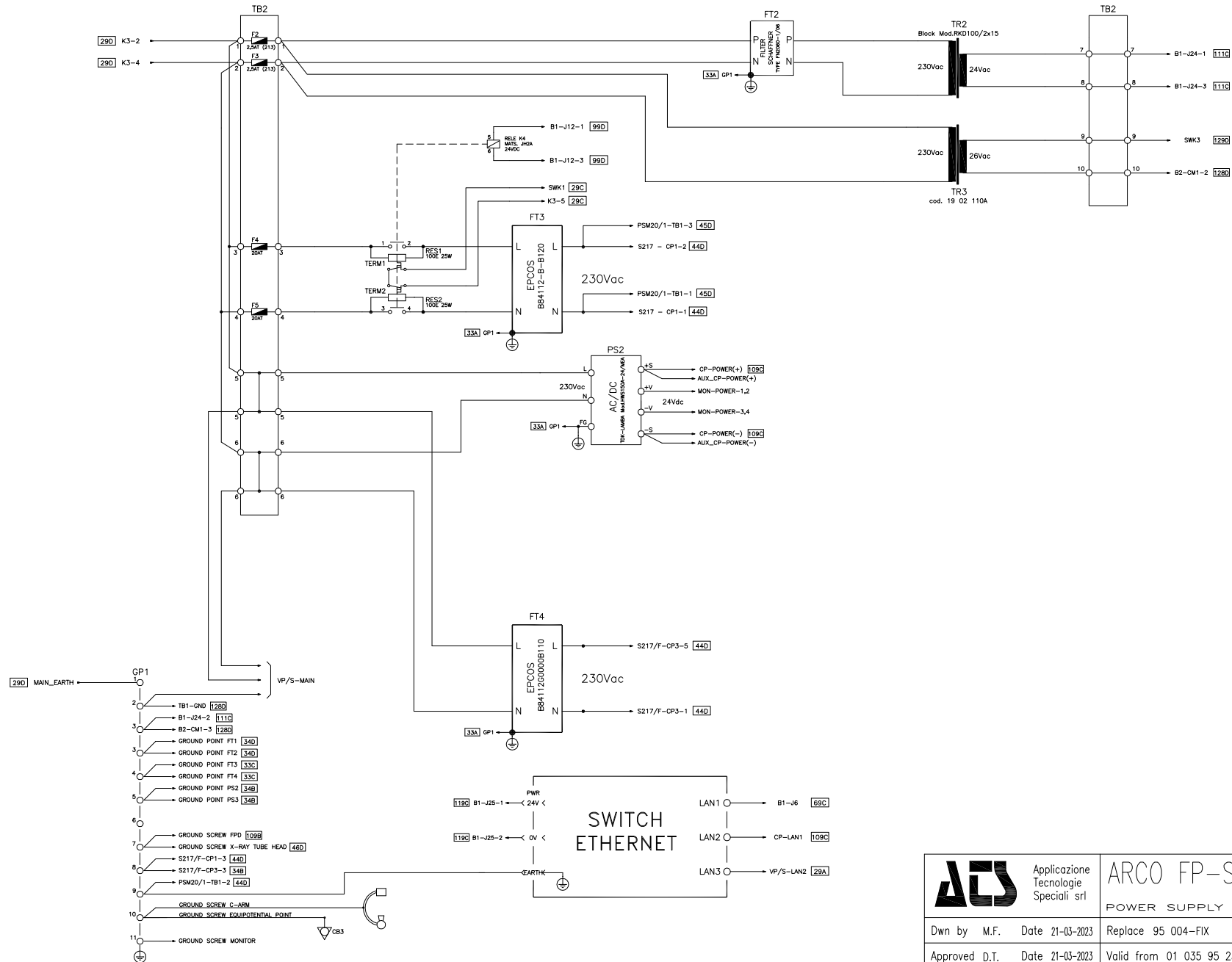
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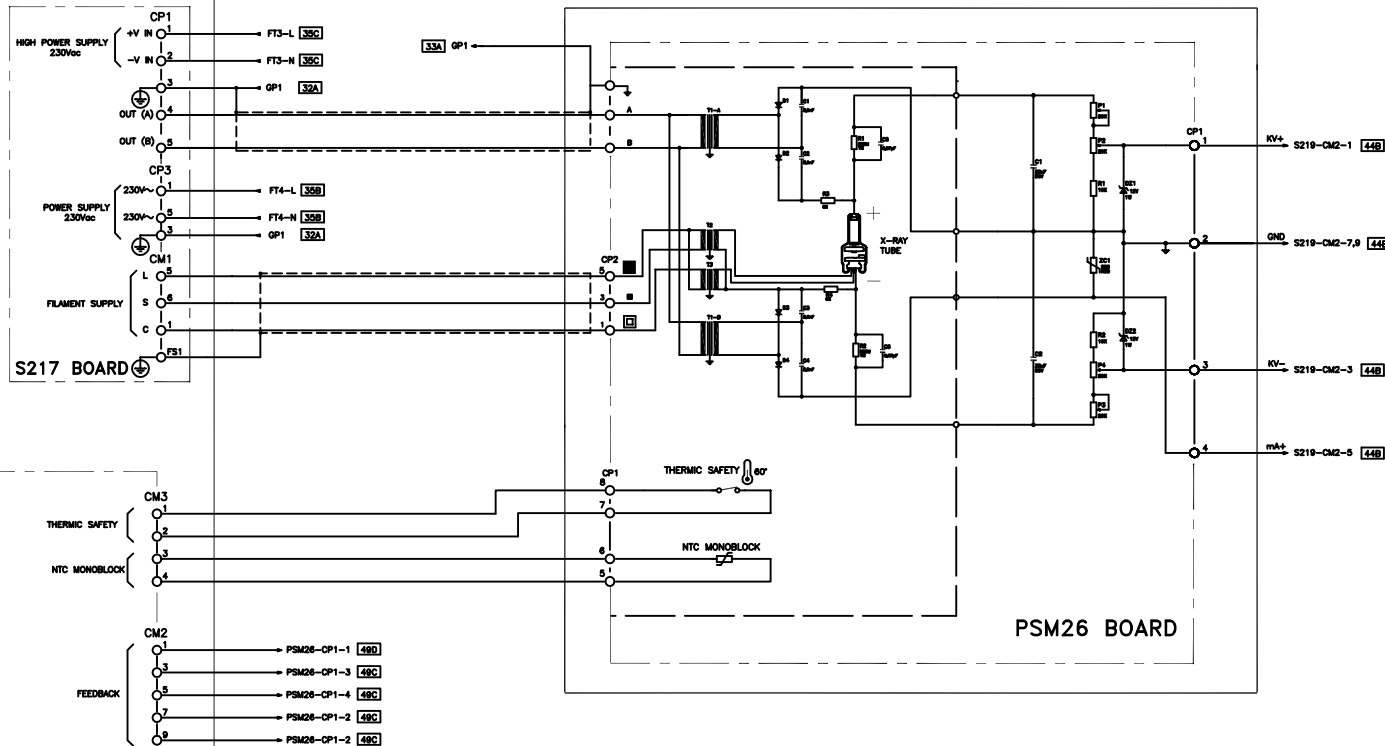
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Approved D.T. Date 21-03-2023	Valid from 01 035 95 23	Up to	Up to

X-RAY GENERATOR HF1-3,5kW

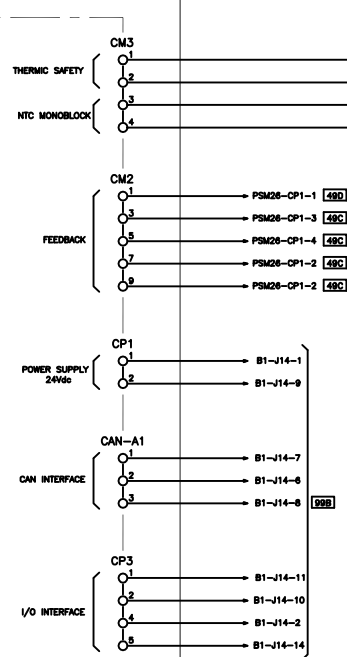
X-RAY TUBE ASSEMBLY




Switch off the unit and wait 5 minutes before opening the inverter



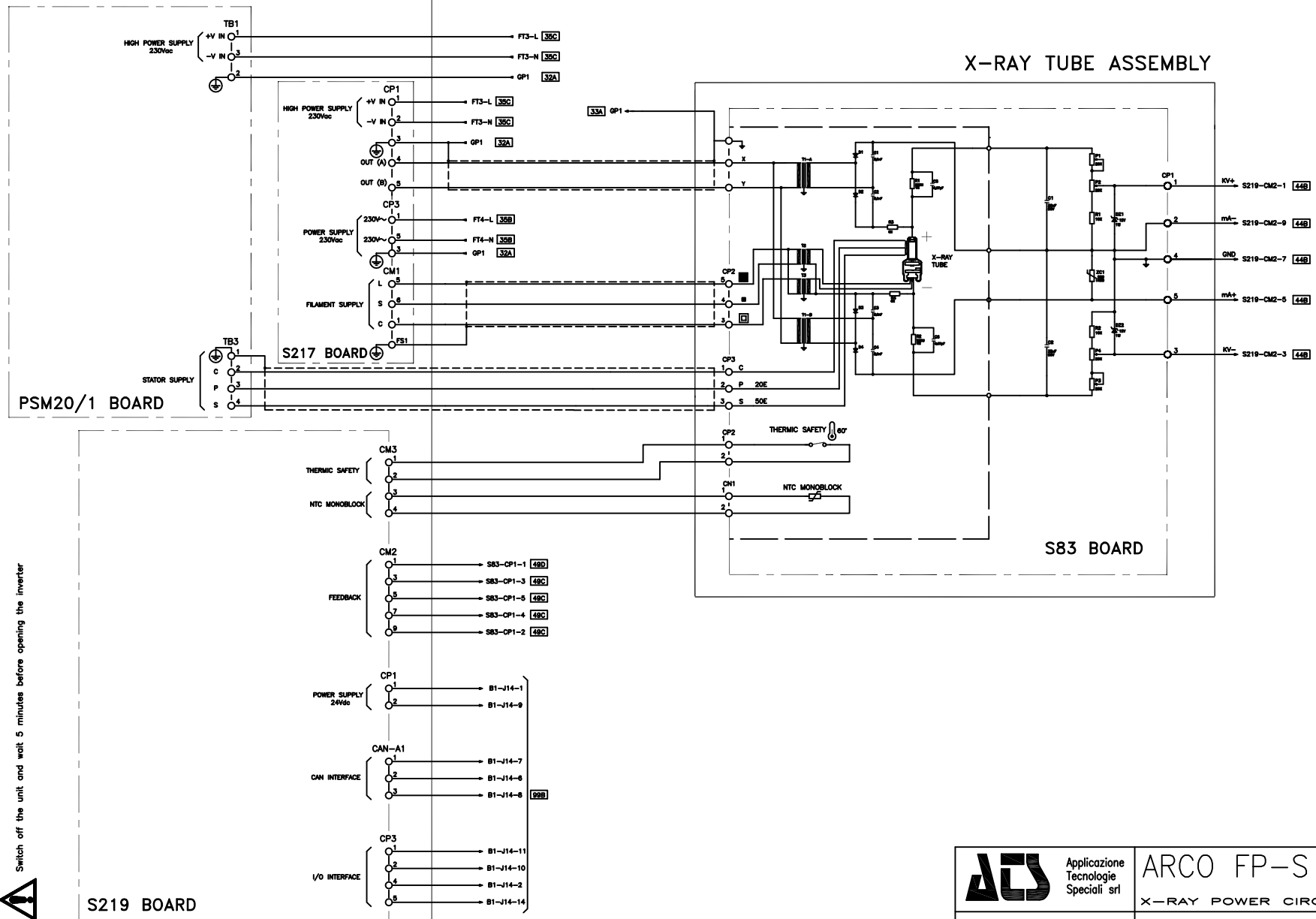
S219 BOARD




 Applicazione Tecnologie Speciali srl	ARCO FP-S X-RAY POWER CIRCUIT		n° 95 005 - FIX Sheet
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X-RAY GENERATOR HF1-3,5kW

X-RAY TUBE ASSEMBLY

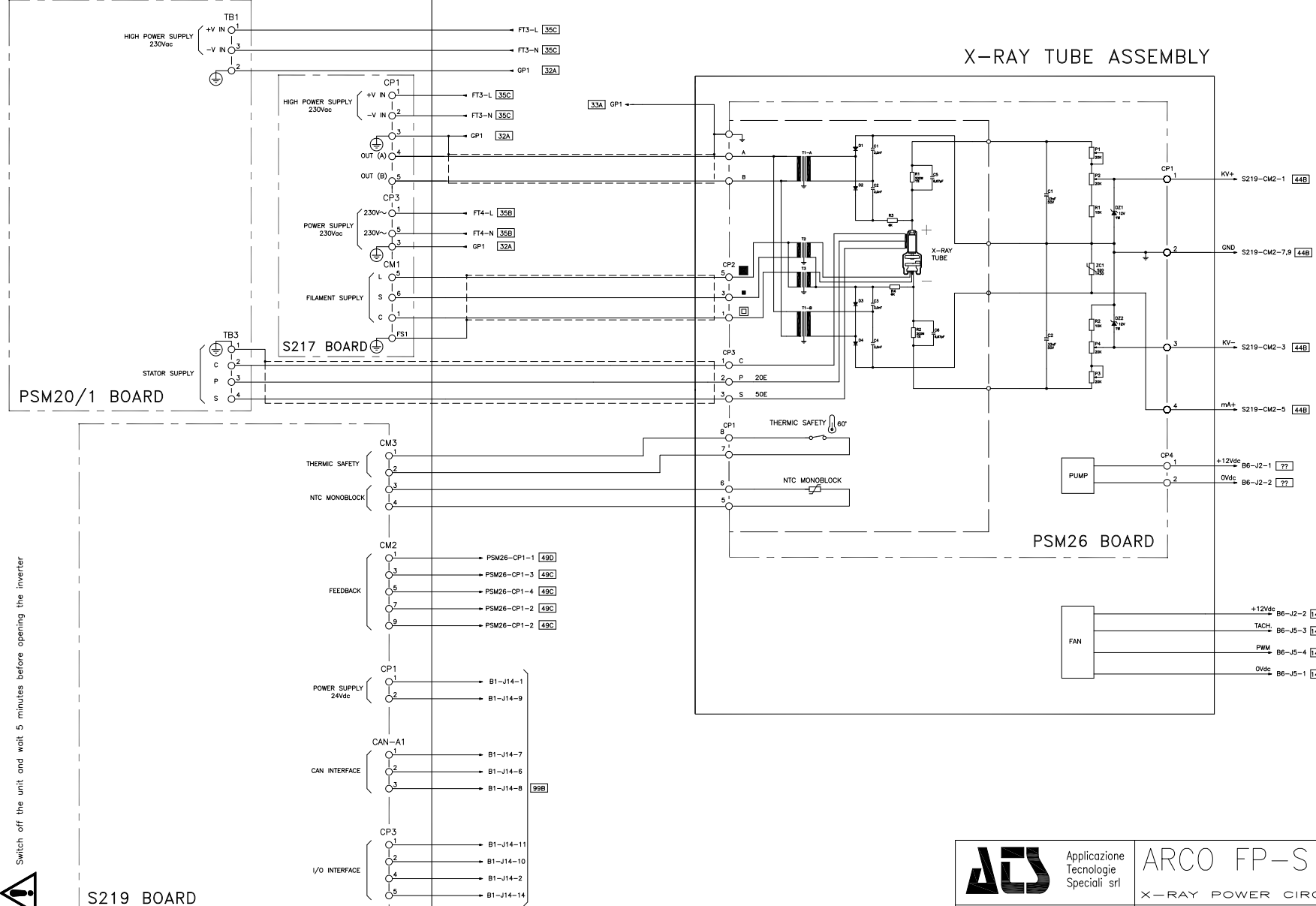


Switch off the unit and wait 5 minutes before opening the inverter

 Applicazione Tecnologie Speciali srl	ARCO FP-S X-RAY POWER CIRCUIT		n° 95 005 - ROT Sheet
	Dwn by D.T. Date 01-08-2018 Approved F.C. Date 01-08-2018	Replace Valid from 01 001 95 18	Replaced by Up to

X-RAY GENERATOR HF1-3,5kW

X-RAY TUBE ASSEMBLY



Switch off the unit and wait 5 minutes before opening the inverter



 Applicazione Tecnologie Speciali srl	ARCO FP-S X-RAY POWER CIRCUIT		n° 95 005-R0T-AC Sheet
	Dwn by D.T. Date 25-05-2021	Replace	Replaced by
Approved F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to	

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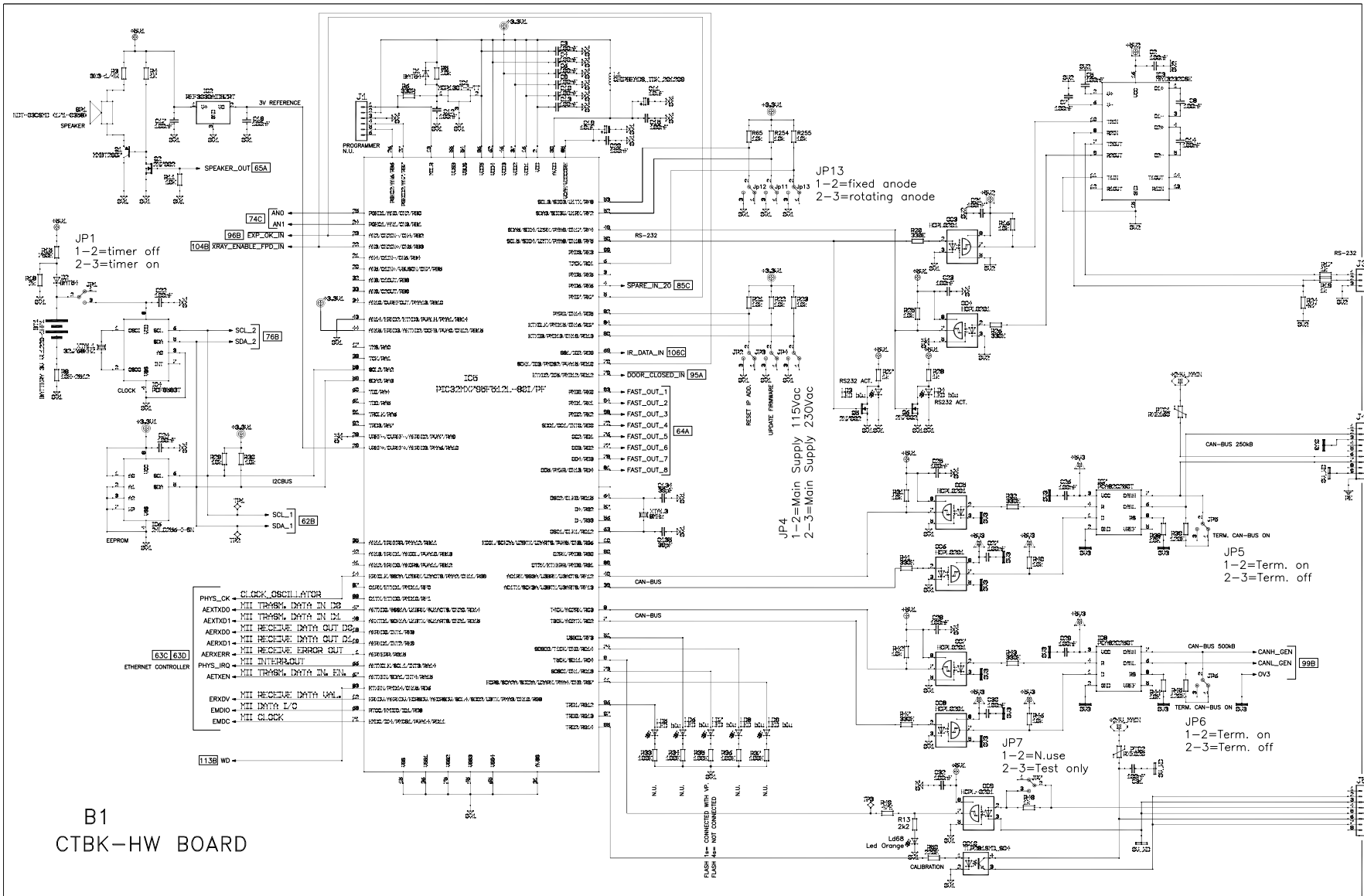
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B1
CTBK-HW BOARD

X-RAY
COLLIMATOR

DAP



Applicazione
Tecnologie
Speciali srl

ARCO FP-S

CTBK-HW BOARD (B1)

n° 95 006A

Sheet

Dwn by D.T. Date 12-12-2019

Replace 95 006

Replaced by

Approved F.C. Date 12-12-2019

Valid from 01 010 95 19

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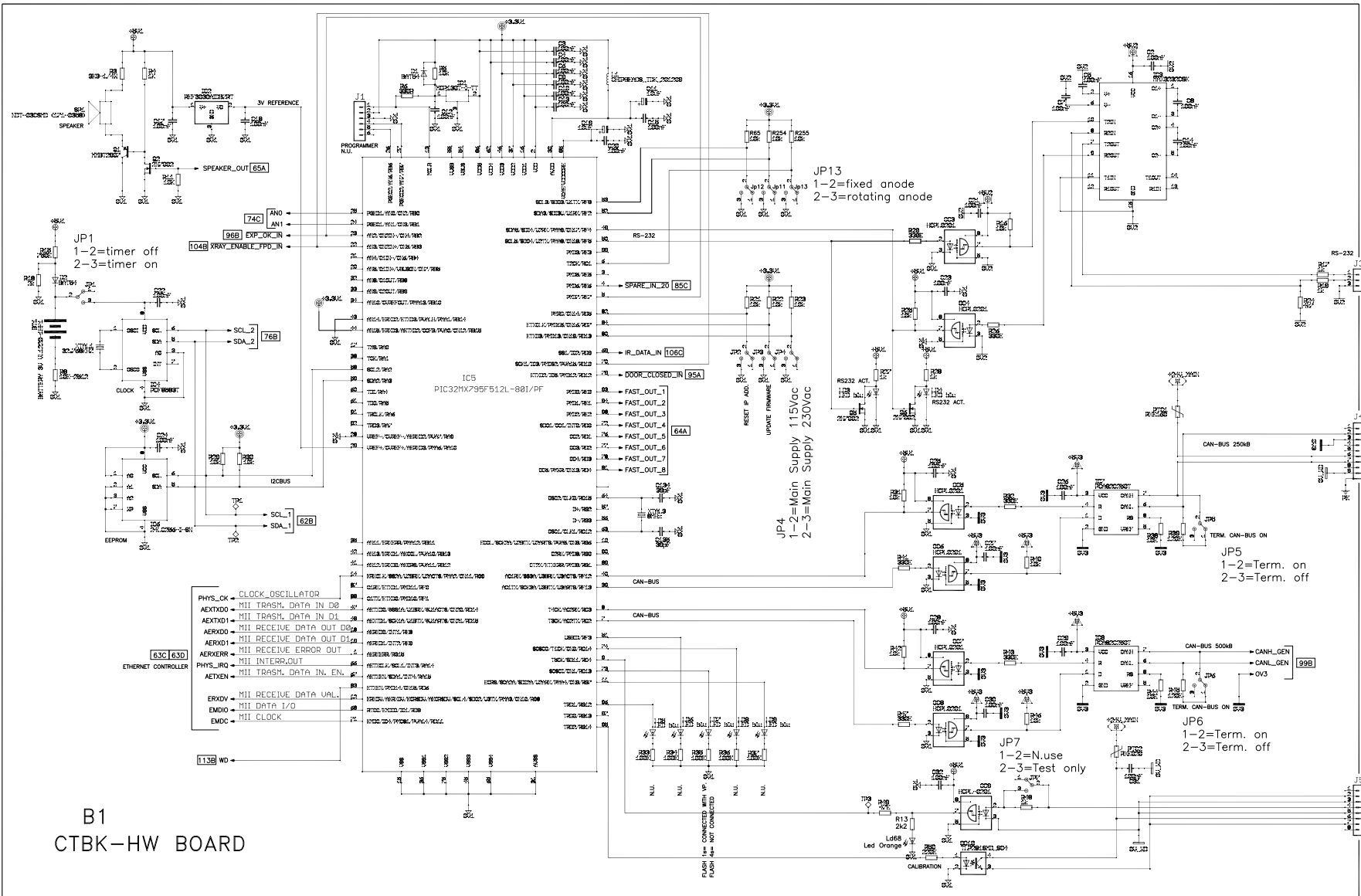
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B1
CTBK-HW BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S CTBK-HW BOARD (B1)	n° 95 006A-AC Sheet
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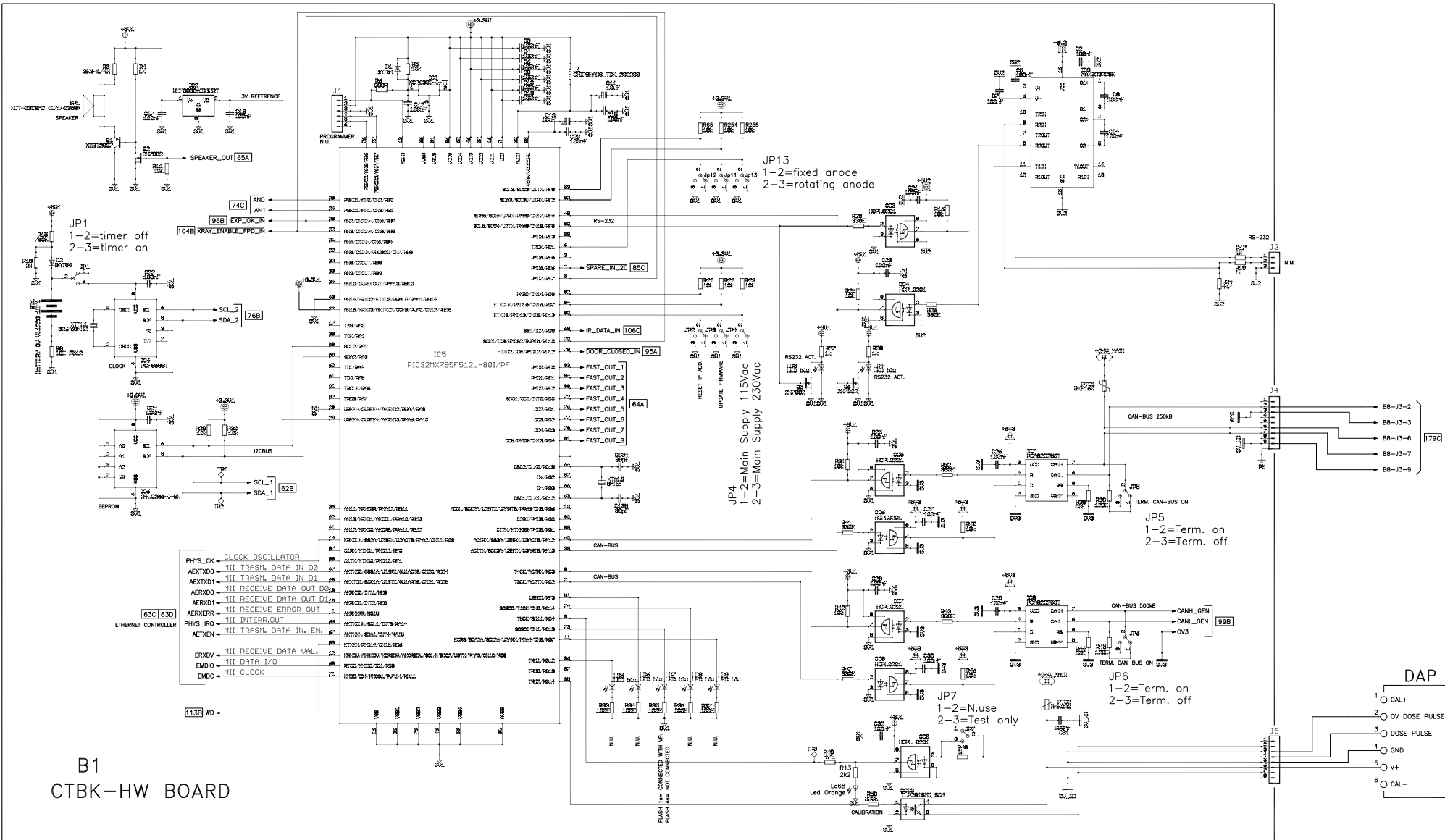
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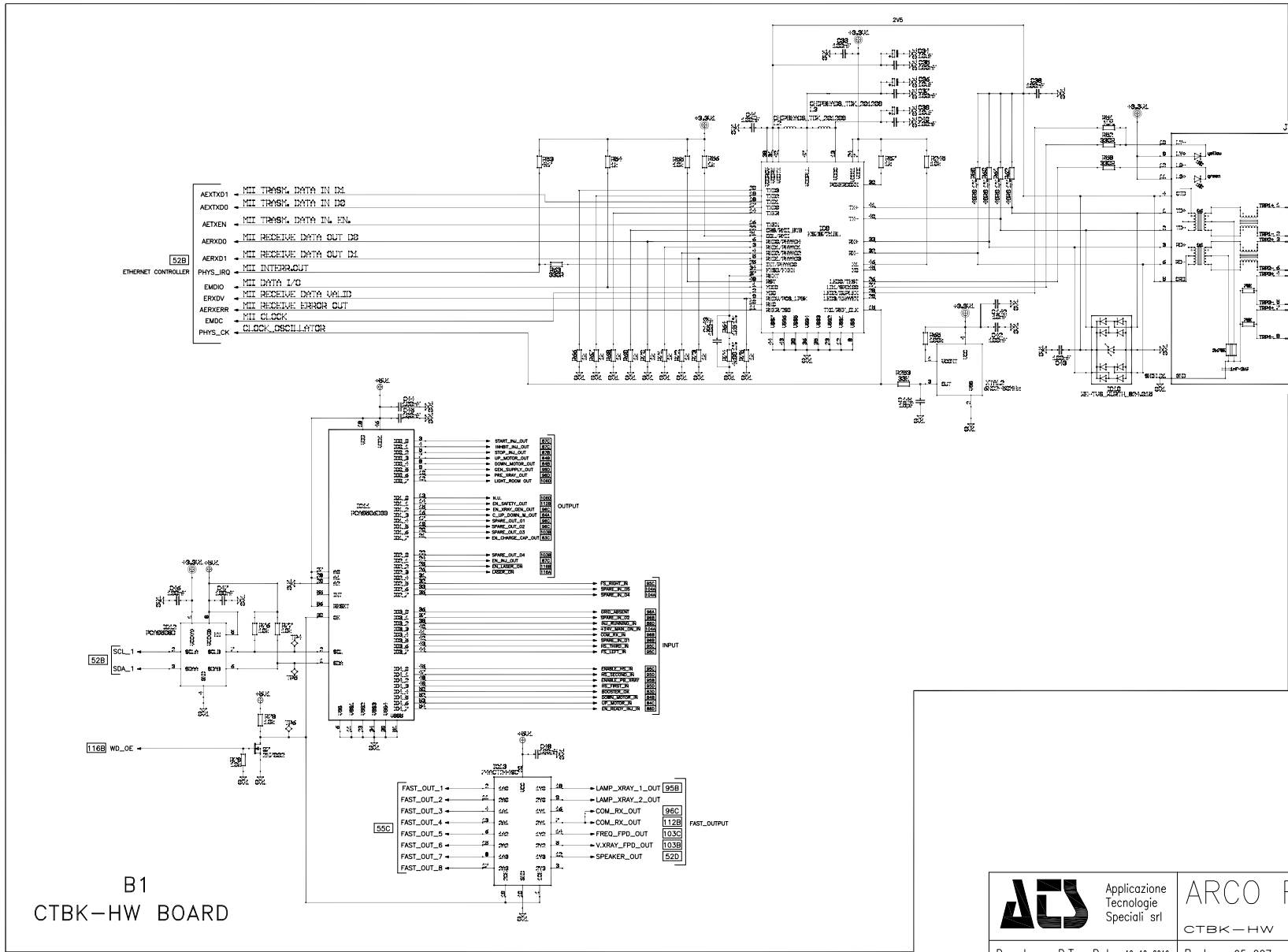
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	Dwn by D.T. Date 25-05-2021 Approved F.C. Date 25-05-2021	Replace Valid from 01 011 95 21

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B1
CTBK-HW BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S CTBK-HW BOARD (B1)	n° 95 007A Sheet
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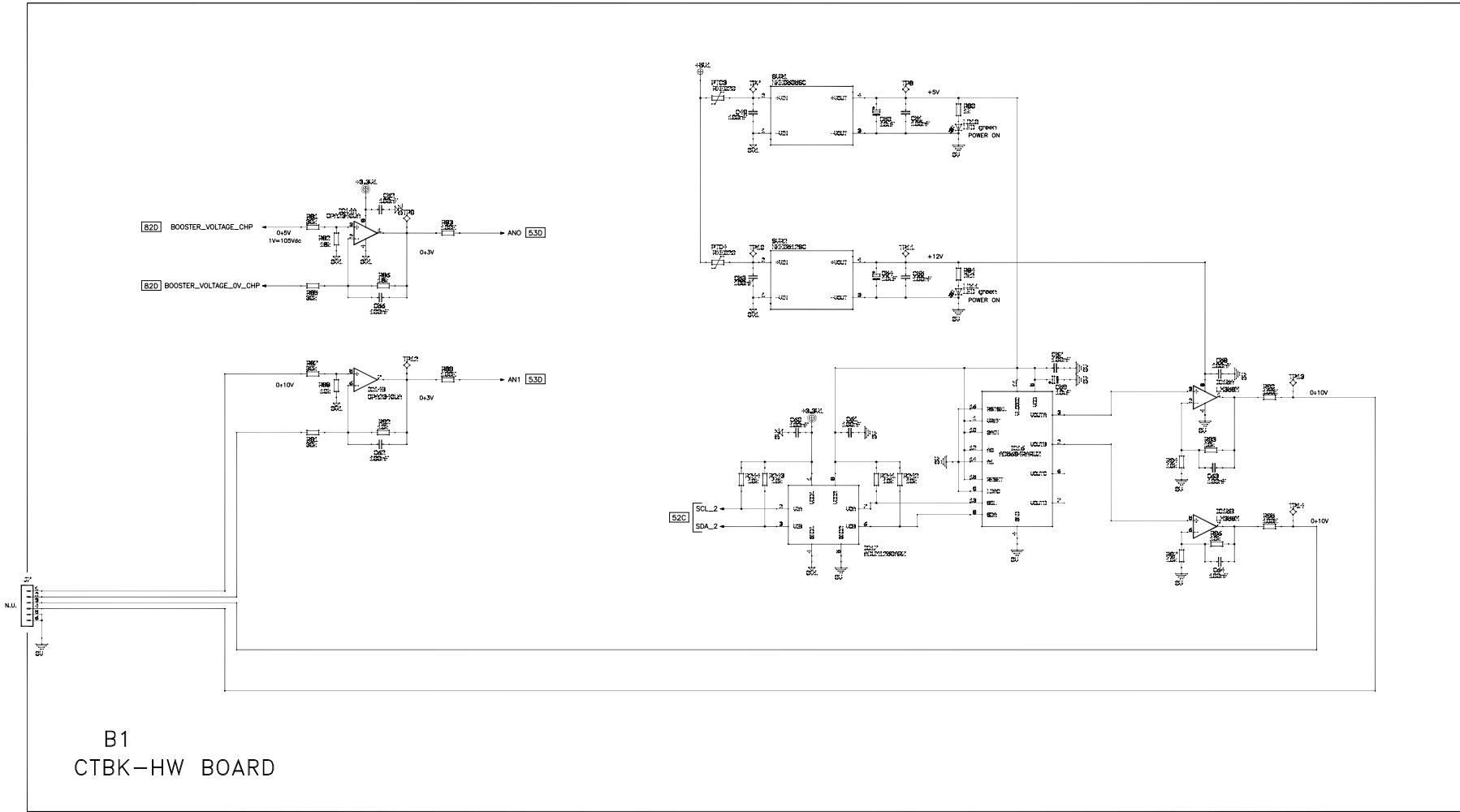
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B1
CTBK-HW BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 008
	CTBK-HW BOARD (B1)	Sheet
Dwn by D.T. Date 01-08-2018	Replace	Replaced by
Approved F.C. Date 01-08-2018	Valid from 01 001 95 18	Up to

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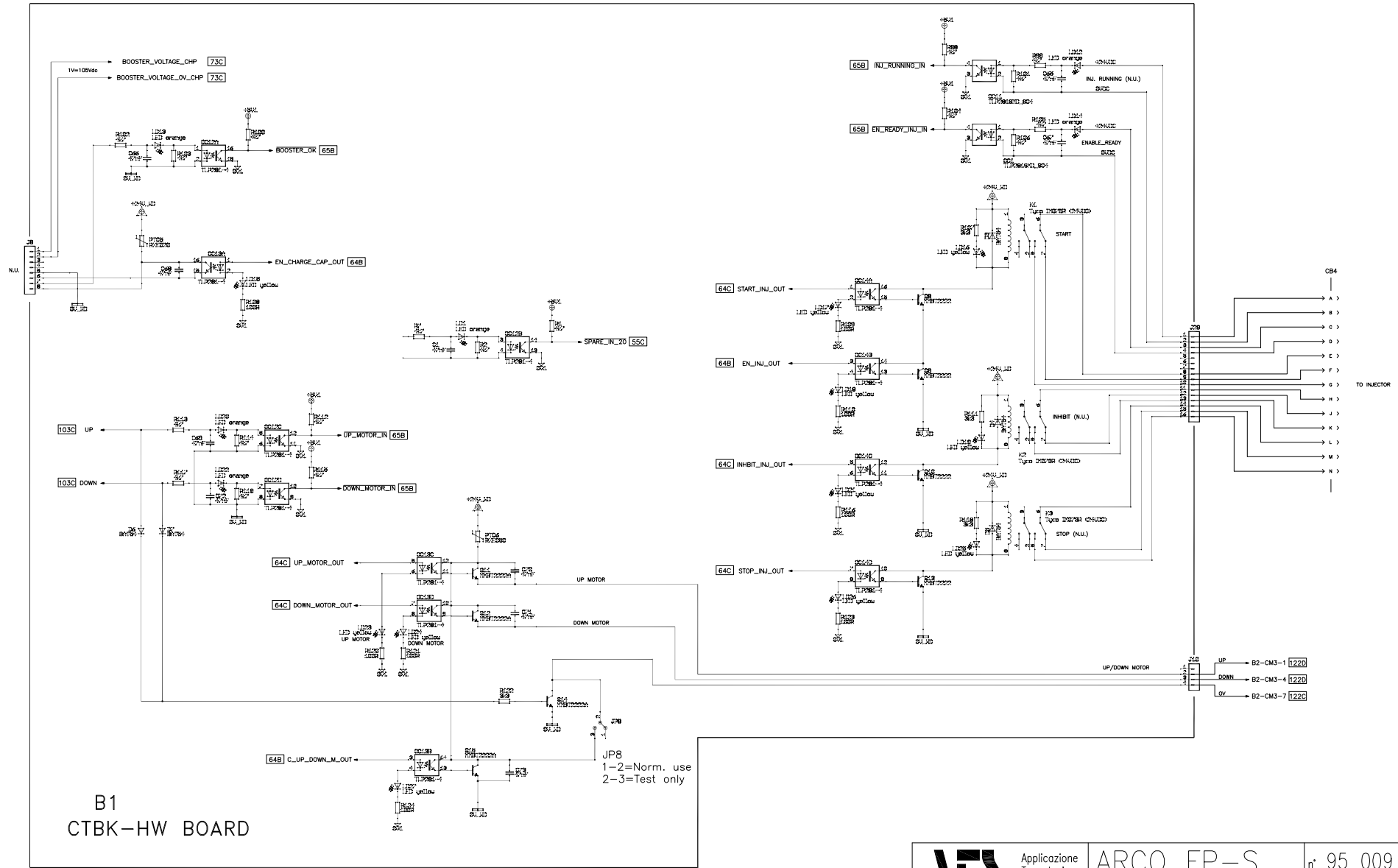
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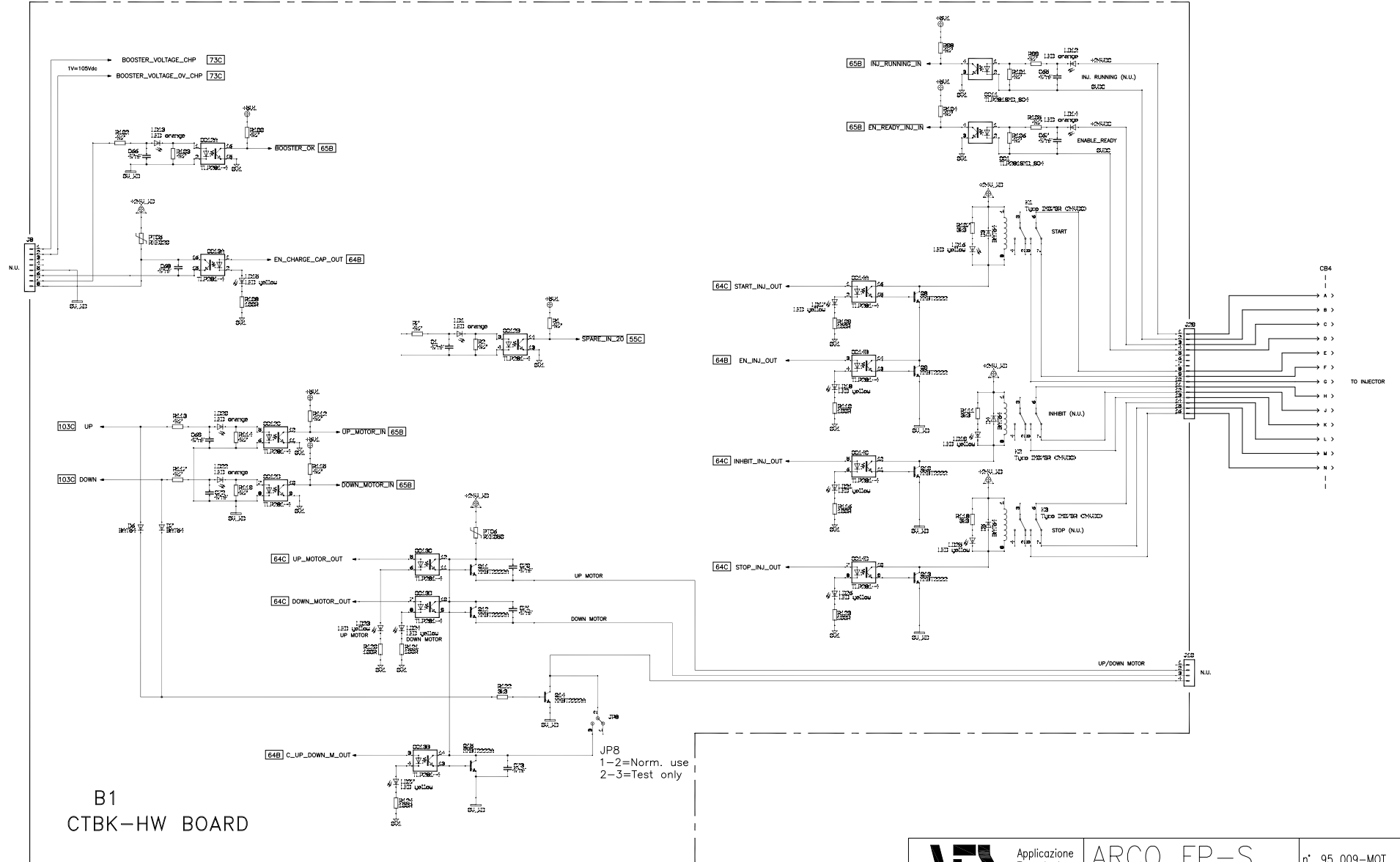
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B1
CTBK-HW BOARD

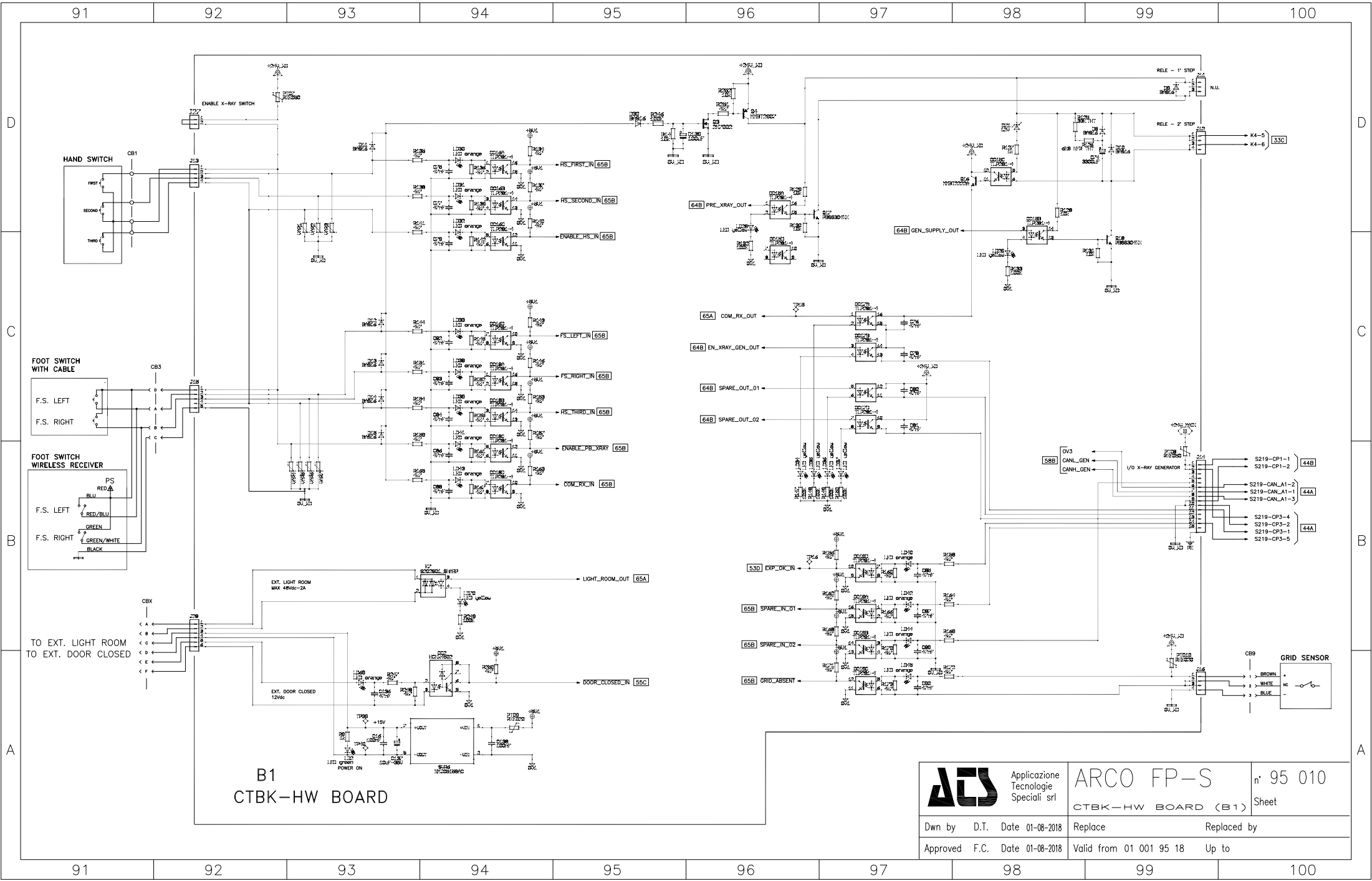
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	Dwn by D.T. Date 01-08-2018 Approved F.C. Date 01-08-2018	Replace Valid from 01 001 95 18

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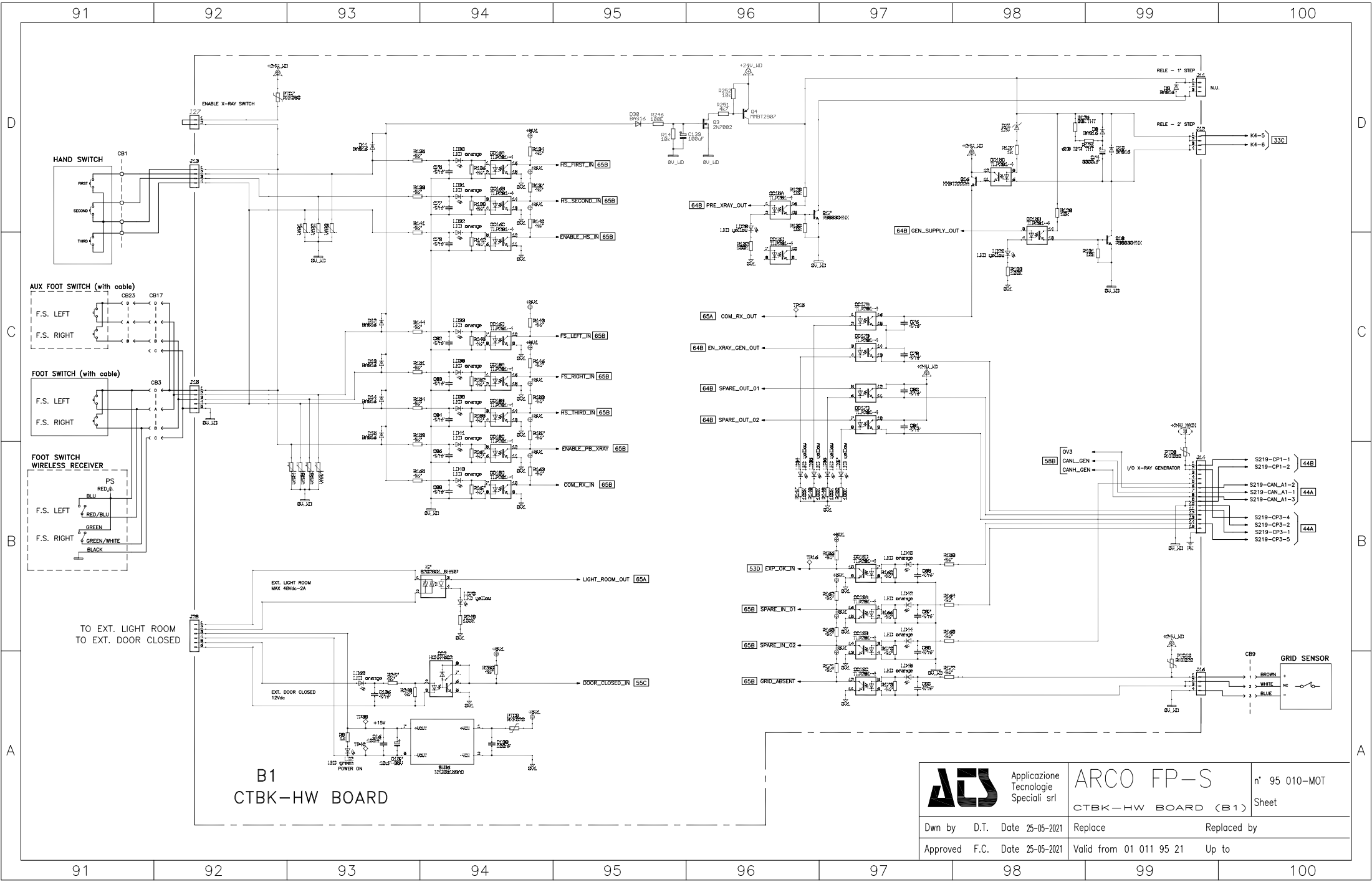
B1
CTBK-HW BOARD

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Approved F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to	



B1
CTBK-HW BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S CTBK-HW BOARD (B1)	n° 95 010 Sheet
	Dwn by D.T. Date 01-08-2018 Approved F.C. Date 01-08-2018	Replace Valid from 01 001 95 18



B1
CTBK-HW BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S CTBK-HW BOARD (B1)	n° 95 010-M0T Sheet
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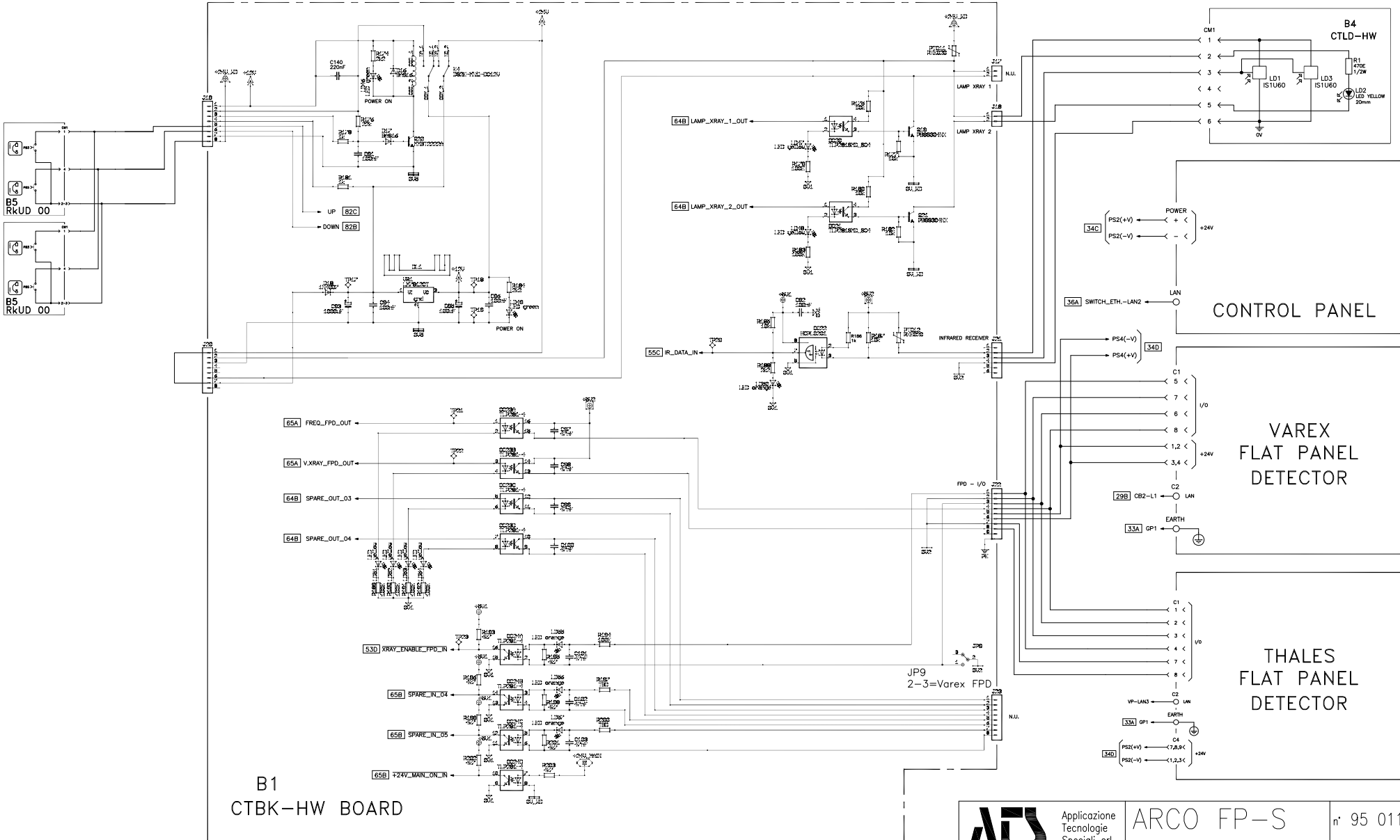
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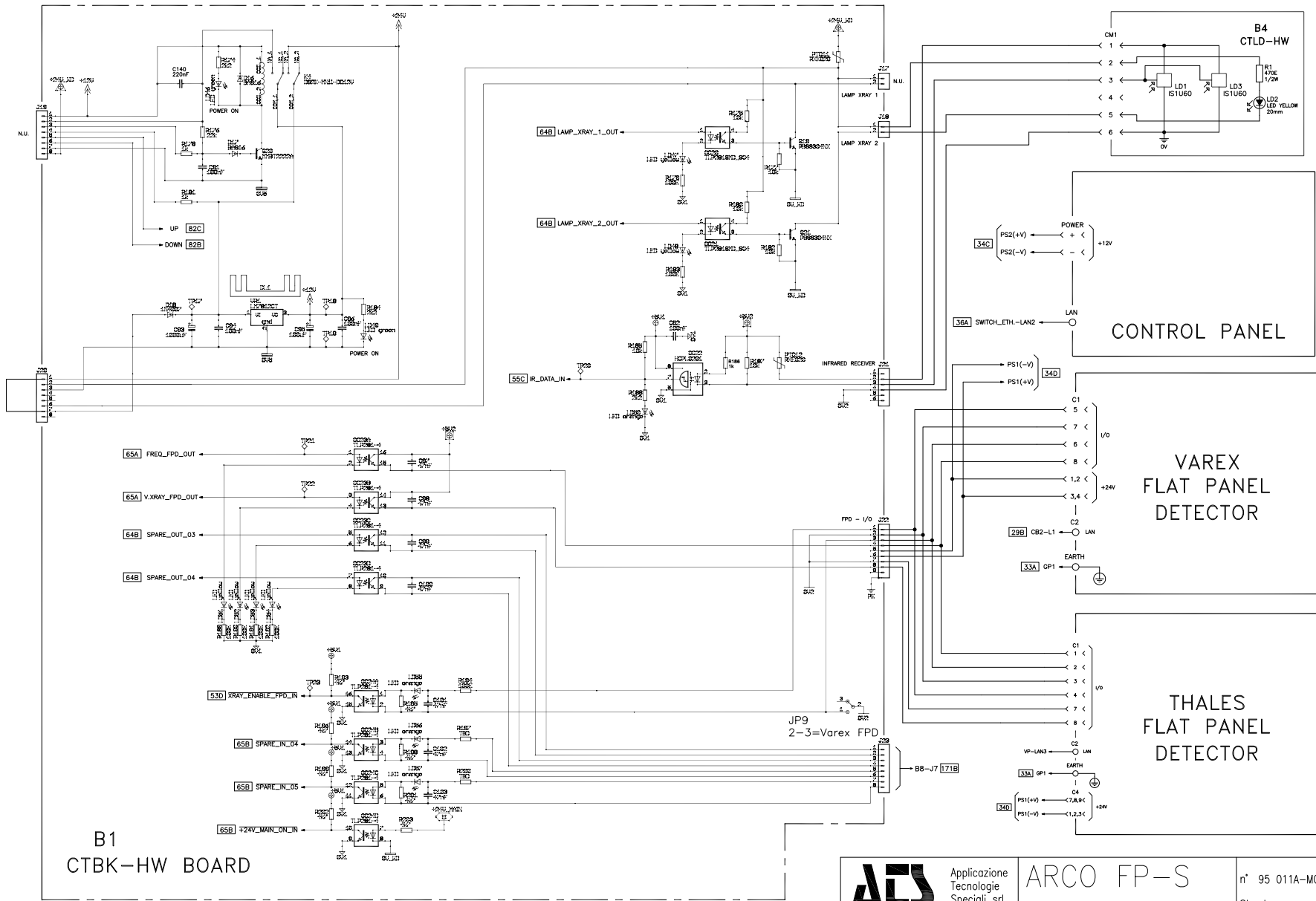
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B1
CTBK-HW BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S CTBK-HW BOARD (B1)	n° 95 011B Sheet
	Dwn by M.F. Date 21-03-2023 Approved D.T. Date 21-03-2023	Replace 95 011A Valid from 01 035 95 23



Applicazione
Tecnologie
Speciali srl

ARCO FP-S

CTBK-HW BOARD (B1)

n° 95 011A-MOT
Sheet

Dwn by D.T. Date 25-05-2021
Approved F.C. Date 25-05-2021

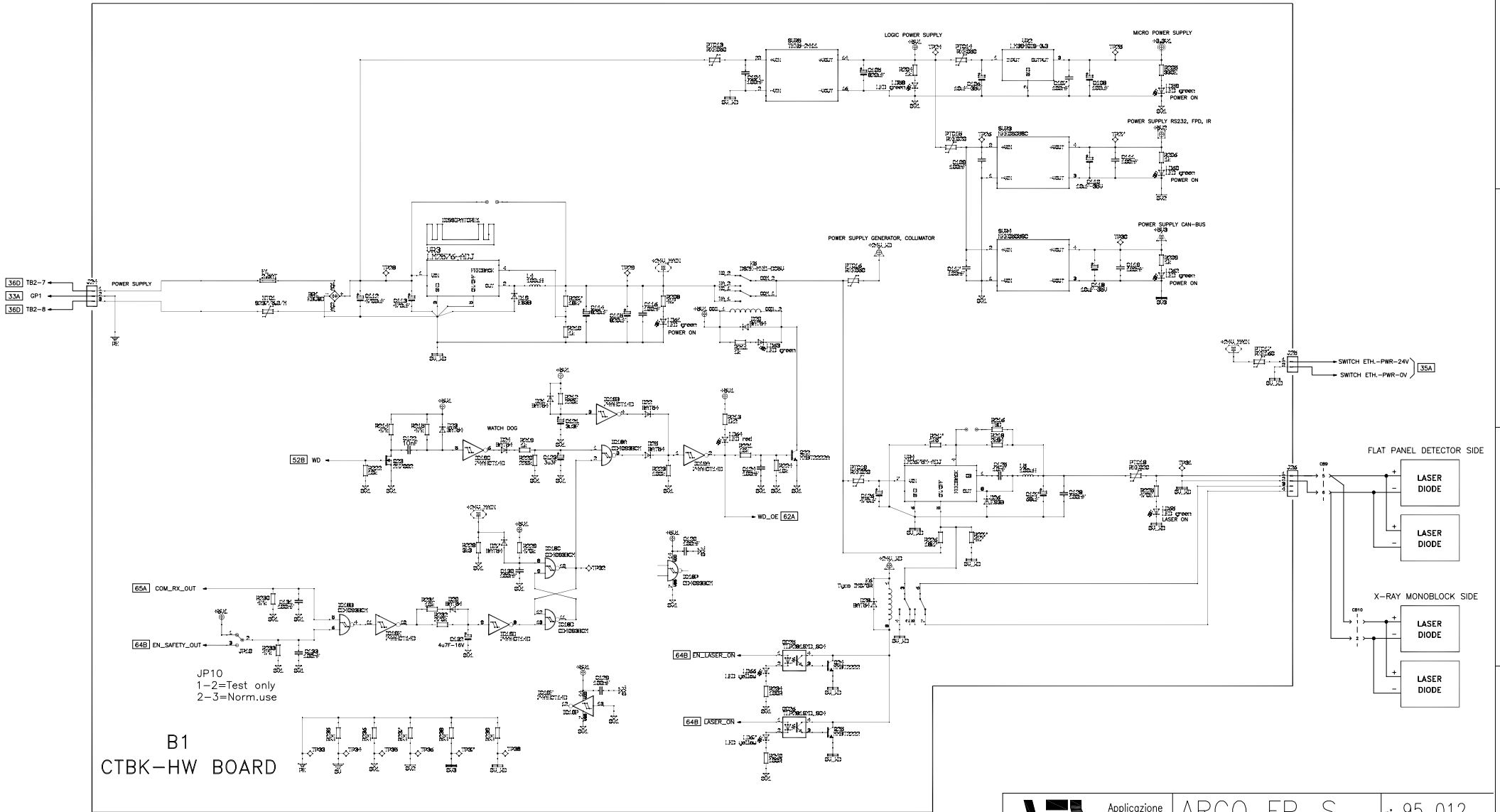
Replace Replaced by
Valid from 01 011 95 21 Up to

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JP10
1-2=Test only
2-3=Norm.use

B1
CTBK-HW BOARD

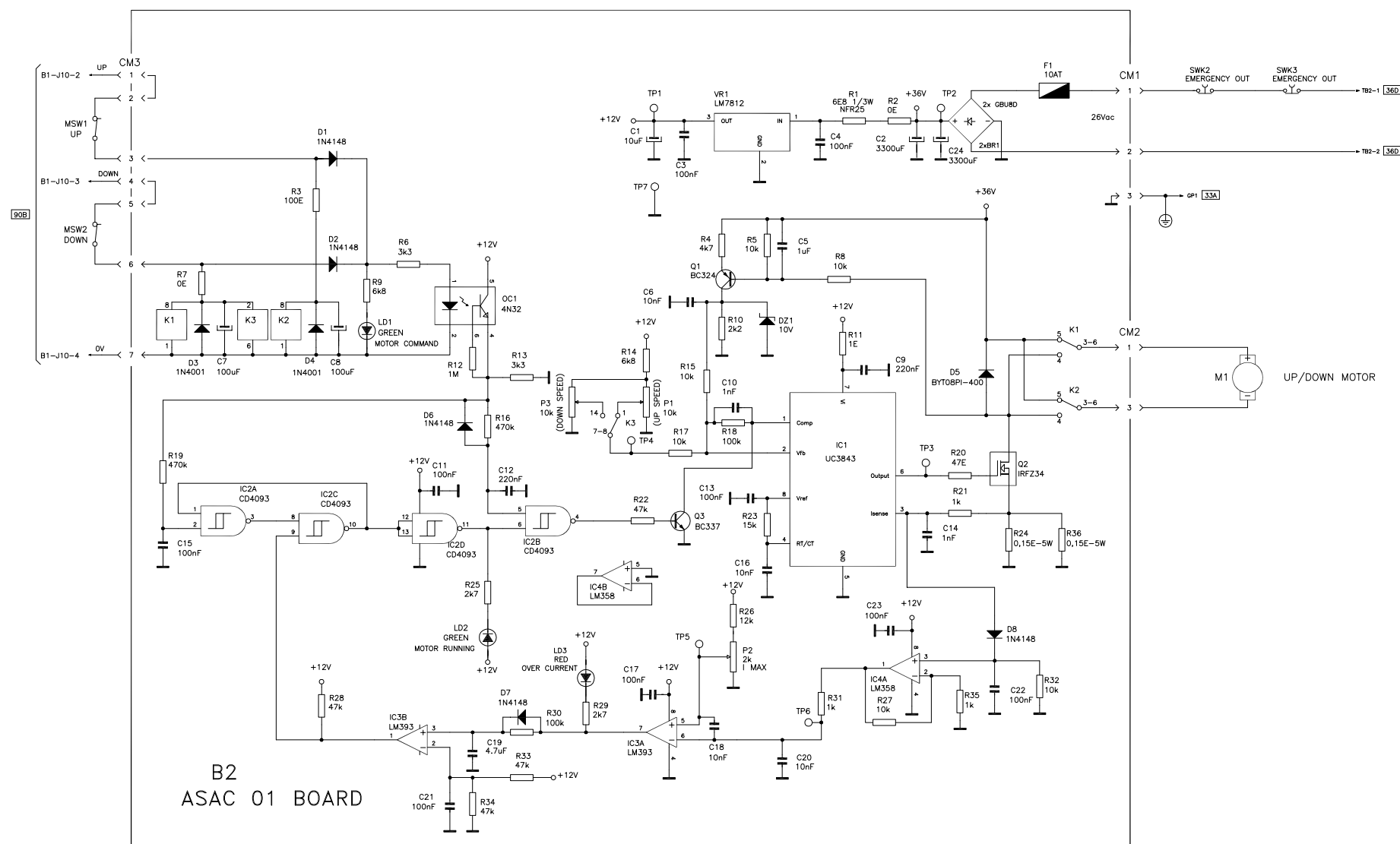
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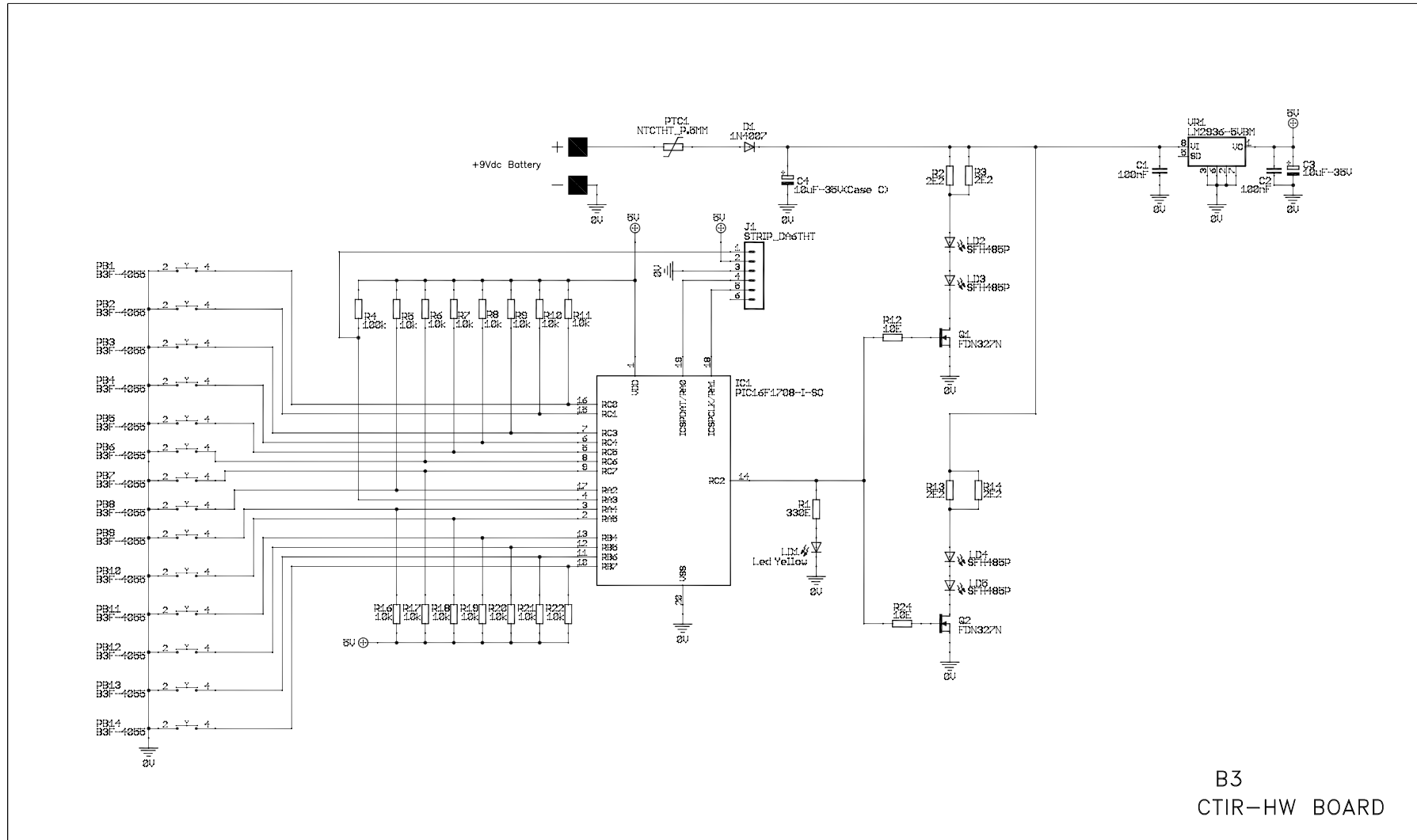
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B2
ASAC 01 BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S UP/DOWN MOTOR CONTROL BOARD		n° 95 013 Sheet
	Dwn by D.T. Date 01-08-2018 Approved F.C. Date 01-08-2018	Replace Valid from 01 001 95 18	Replaced by Up to



B3
CTIR-HW BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 014
	IR REMOTE CONTROL BOARD	Sheet
Dwn by D.T. Date 01-08-2018	Replace	Replaced by
Approved F.C. Date 01-08-2018	Valid from 01 001 95 18	Up to

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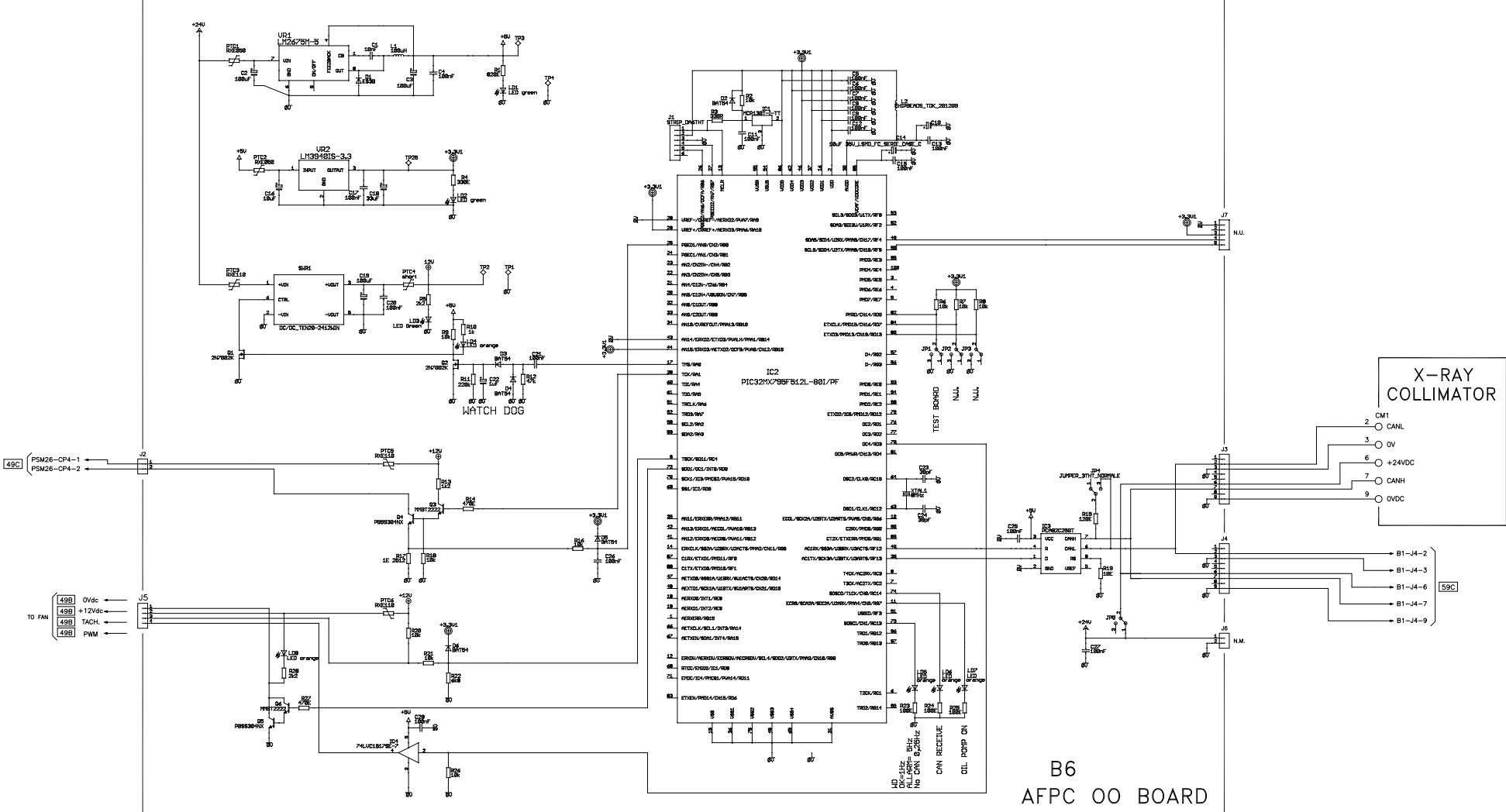
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B6
AFPC OO BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 015-AC
	ACTIVE COOLING CONTROL BOARD AFPC OO	Sheet
Dwn by D.T. Date 25-05-2021	Replace	Replaced by
Approved F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to

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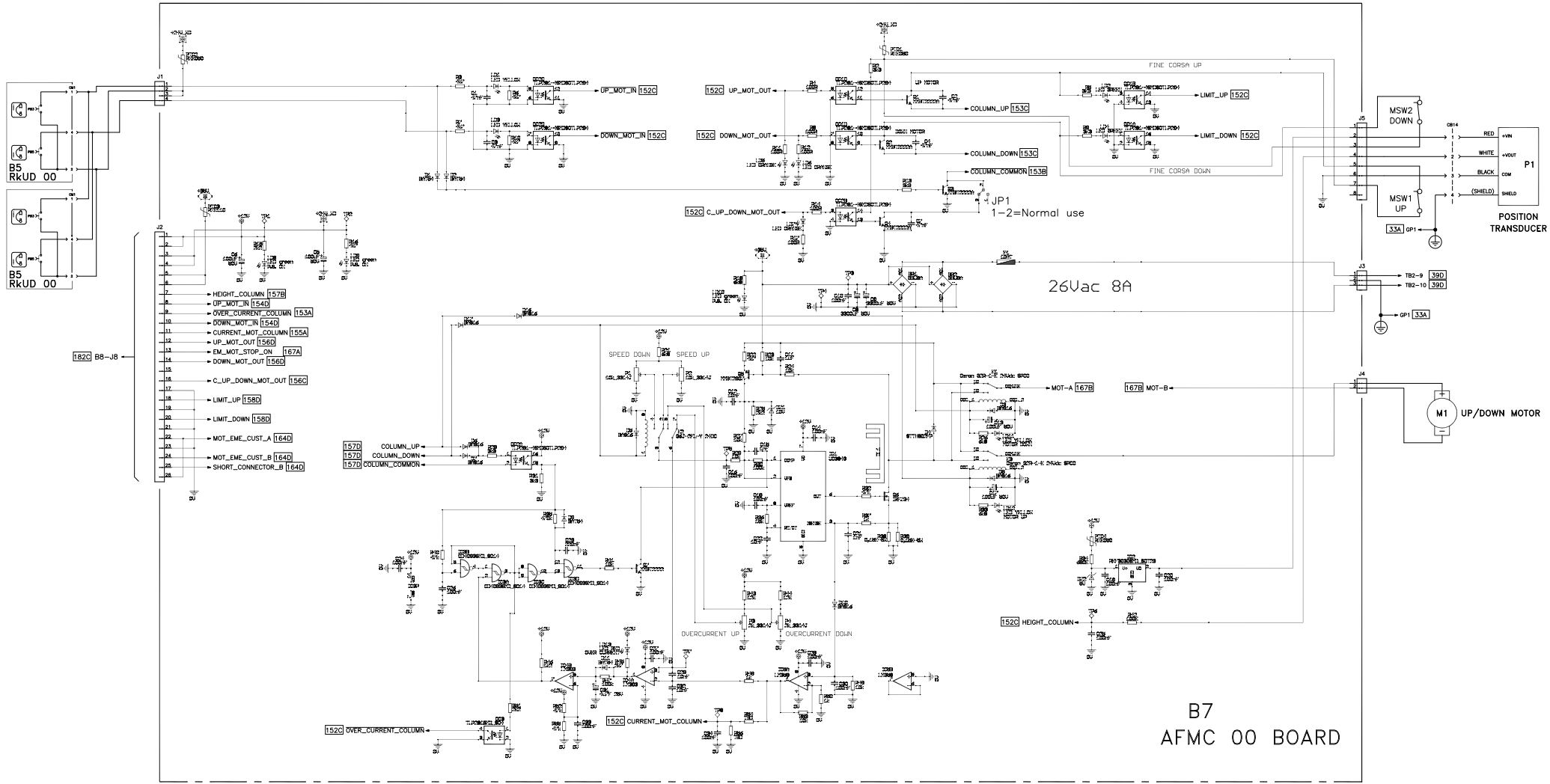
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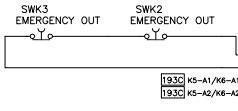
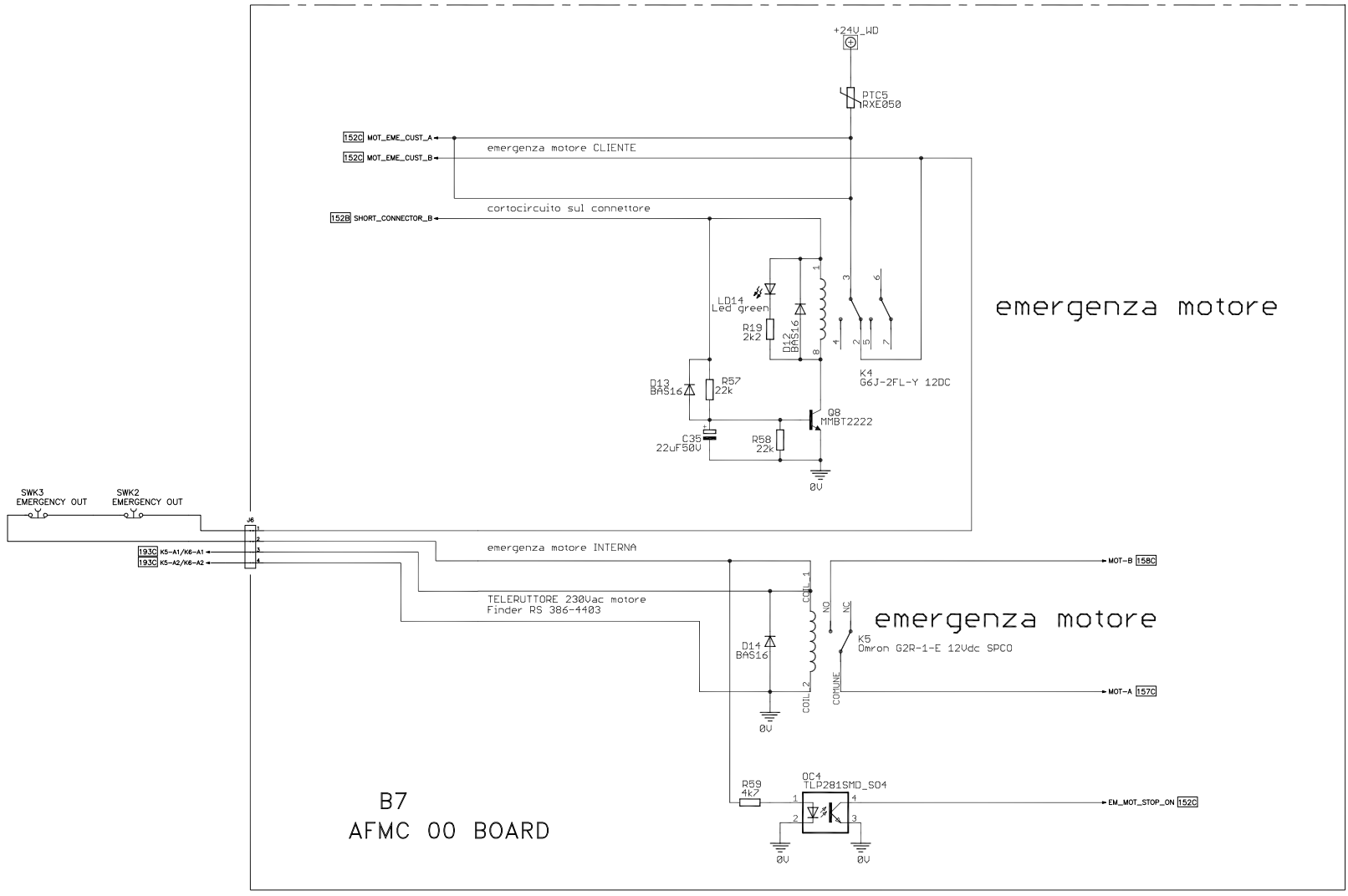
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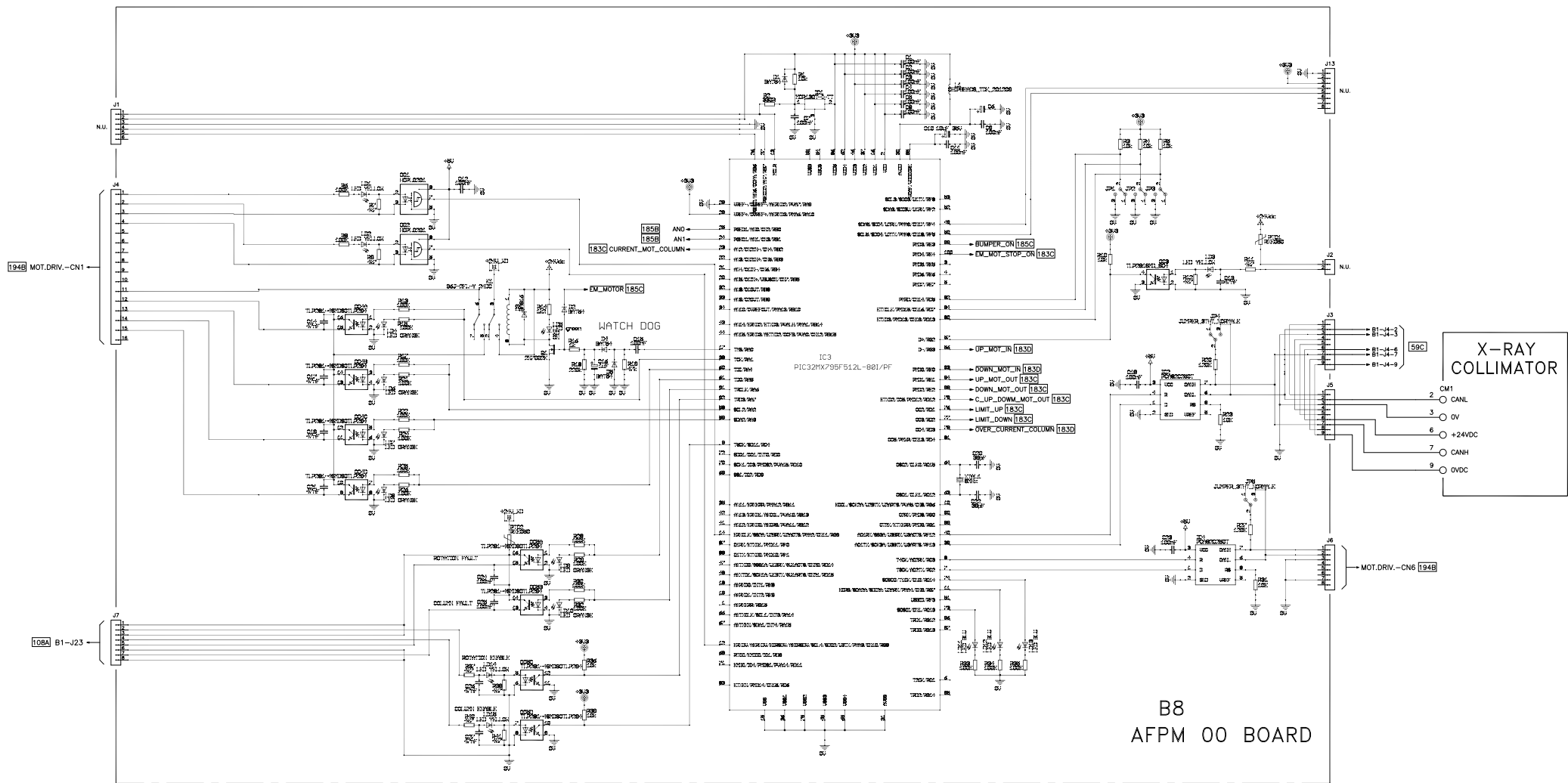
B7
AFMC 00 BOARD

	Applicazione Tecnologie Speciali srl	ARCO FP-S AFMC BOARD (B7)	n° 95 016-MOT Sheet
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Approved F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to	



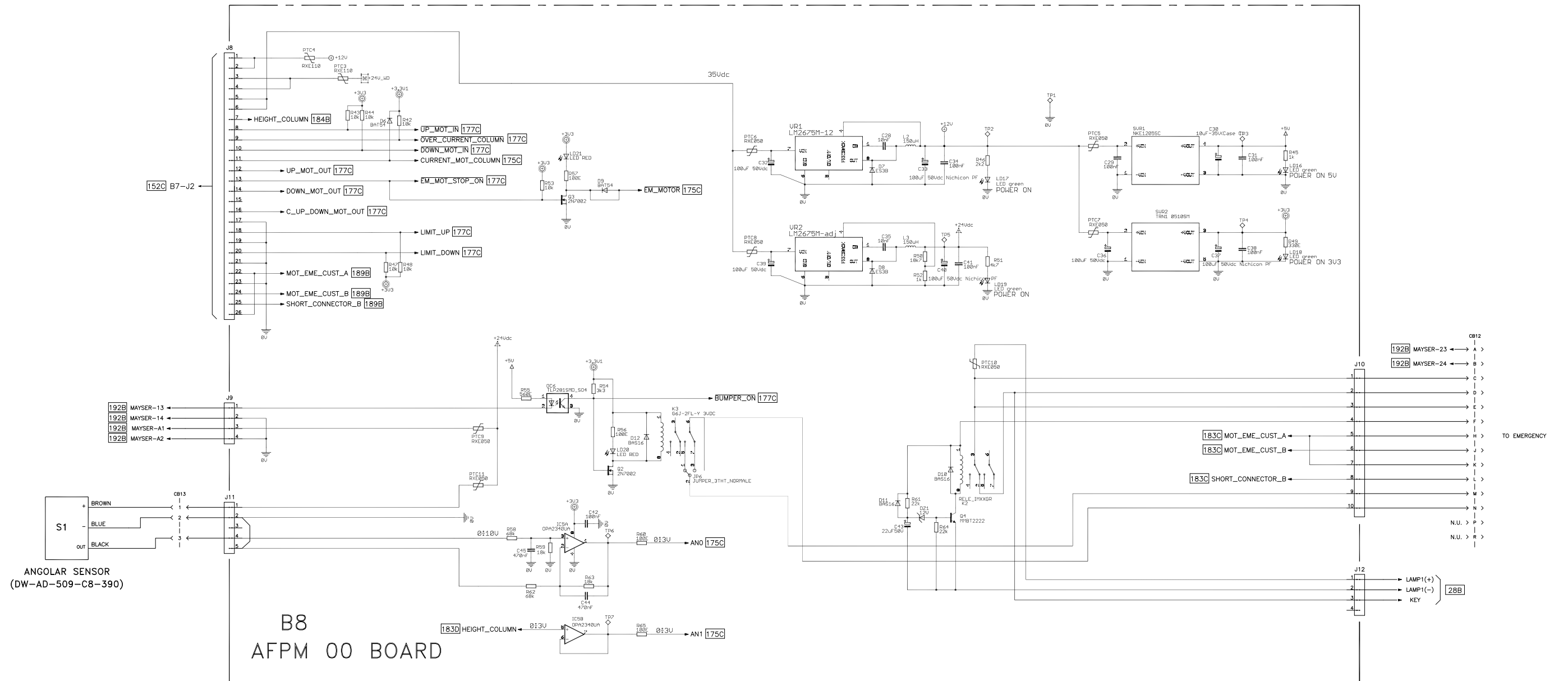
B7
AFMC 00 BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S		n° 95 017-MOT
	AFMC BOARD (B7)		Sheet
Dwn by	D.T. Date 25-05-2021	Replace	Replaced by
Approved	F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to



B8
AFPM 00 BOARD

 Applicazione Tecnologie Speciali srl	ARCO FP-S AFPM BOARD (B8)	n° 95 018-MOT Sheet
	Dwn by D.T. Date 25-05-2021 Approved F.C. Date 25-05-2021	Replace Valid from 01 011 95 21

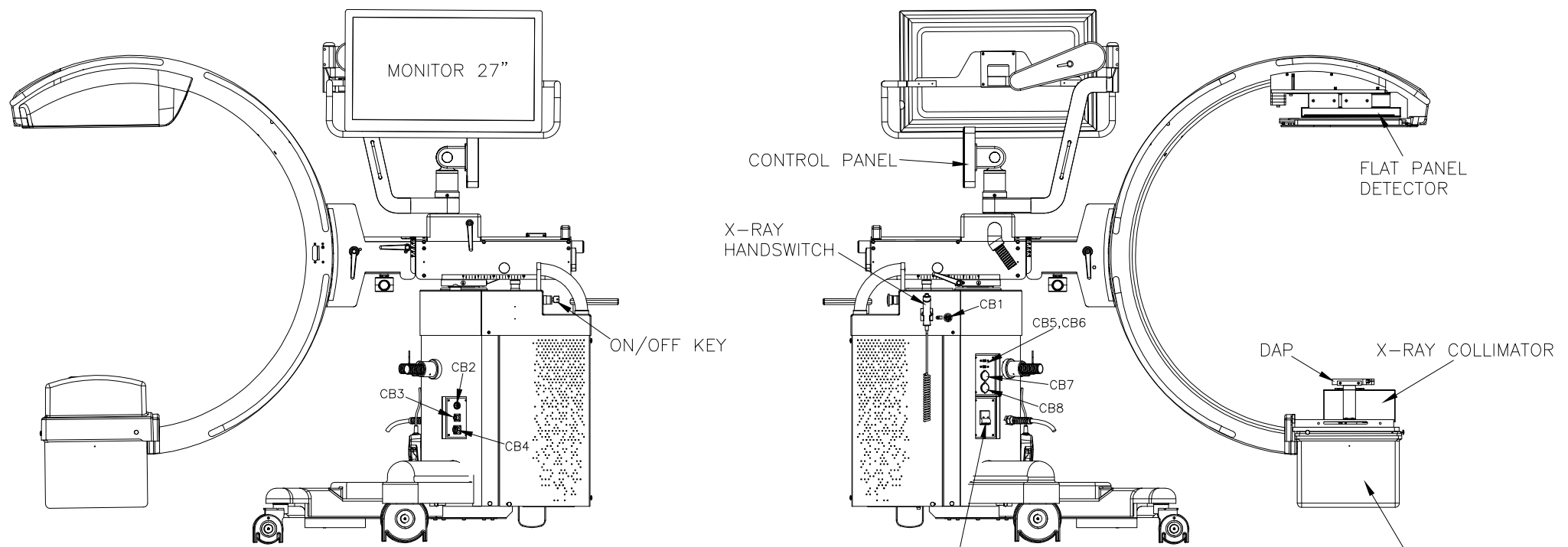


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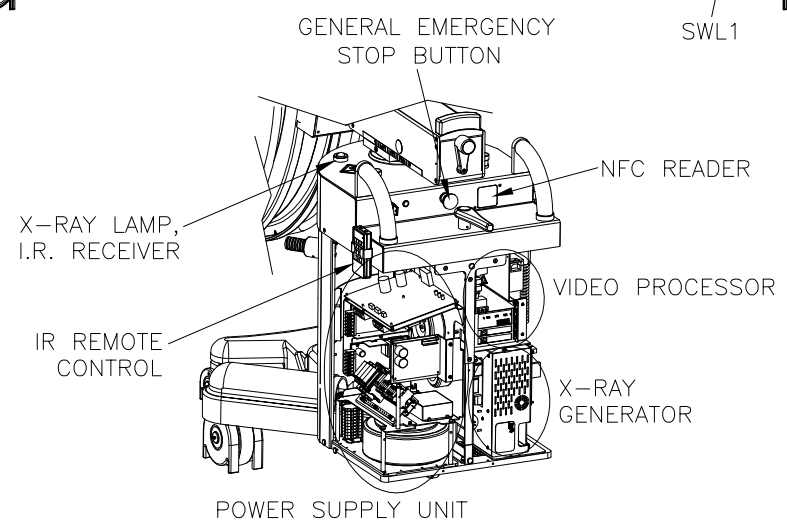
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- CB1=X-RAY HANDSWITCH
- CB2=EQUIPOTENTIAL EARTH POINT
- CB3=X-RAY FOOTSWITCH
- CB4=INJECTOR
- CB5,CB6=USB PORT
- CB7=DICOM NETWORK
- CB8=AUXILIARY MONITOR



POWER SUPPLY UNIT

 Applicazione Tecnologie Speciali srl	ARCO FP-S GENERAL LAYOUT	n° 95 101 Sheet
	Dwn by D.T. Date 01-08-2018 Approved F.C. Date 01-08-2018	Replace Valid from 01 001 95 18

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

D

D

C

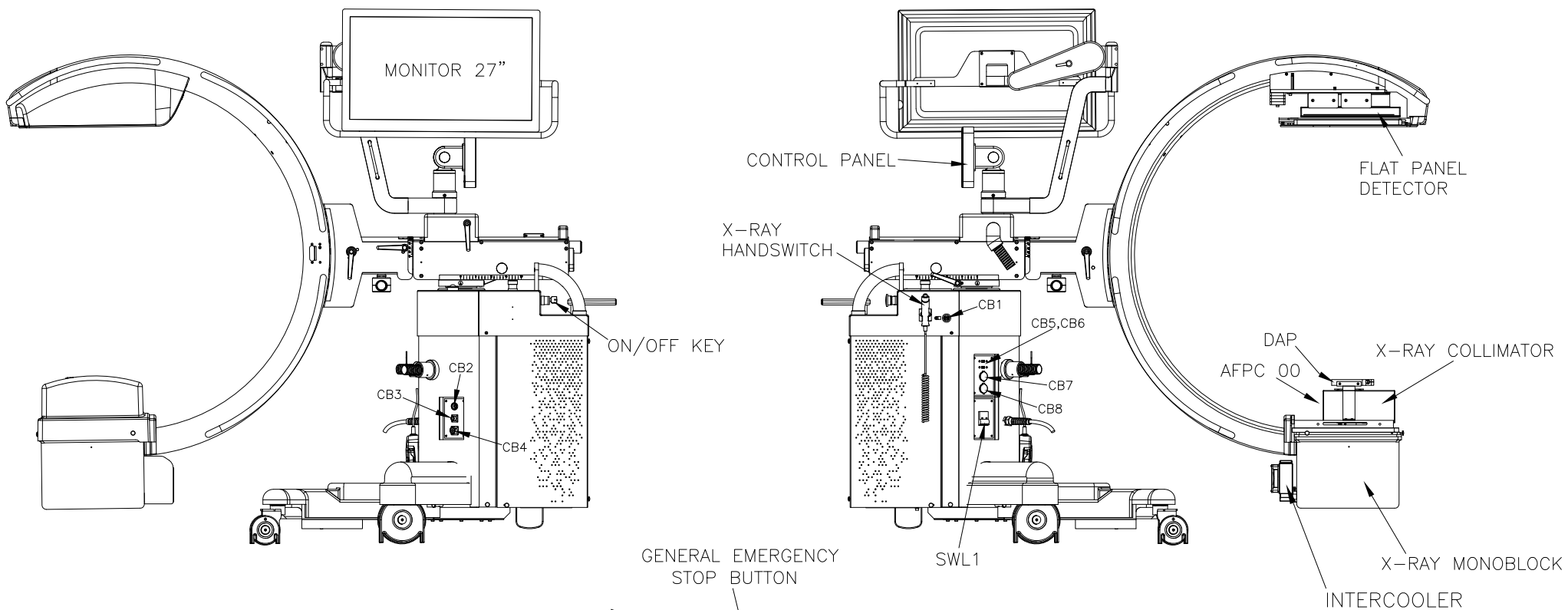
C

B

B

A

A

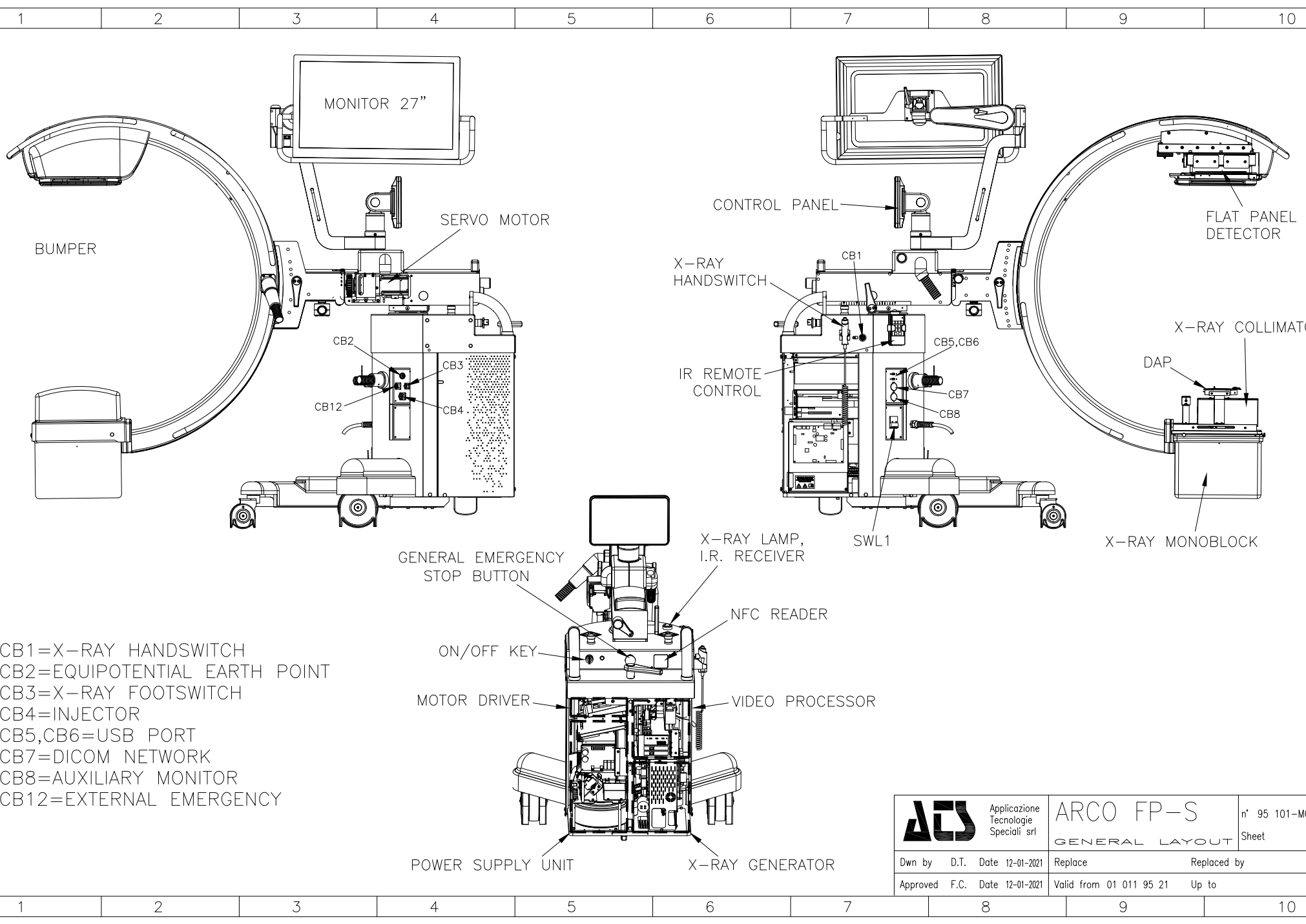


- CB1=X-RAY HANDSWITCH
- CB2=EQUIPOTENTIAL EARTH POINT
- CB3=X-RAY FOOTSWITCH
- CB4=INJECTOR
- CB5,CB6=USB PORT
- CB7=DICOM NETWORK
- CB8=AUXILIARY MONITOR

POWER SUPPLY UNIT

	Applicazione Tecnologie Speciali srl	ARCO FP-S GENERAL LAYOUT	n° 95 101-AC Sheet
	Dwn by D.T. Date 25-05-2021	Replace	Replaced by
Approved F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to	

1 2 3 4 5 6 7 8 9 10



- CB1=X-RAY HANDSWITCH
- CB2=EQUIPOTENTIAL EARTH POINT
- CB3=X-RAY FOOTSWITCH
- CB4=INJECTOR
- CB5,CB6=USB PORT
- CB7=DICOM NETWORK
- CB8=AUXILIARY MONITOR
- CB12=EXTERNAL EMERGENCY

ATS	Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 101-M0T
	GENERAL LAYOUT		Sheet
Dwn by	D.T. Date 12-01-2021	Replace	Replaced by
Approved	F.C. Date 12-01-2021	Valid from 01 011 95 21	Up to

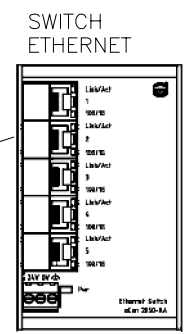
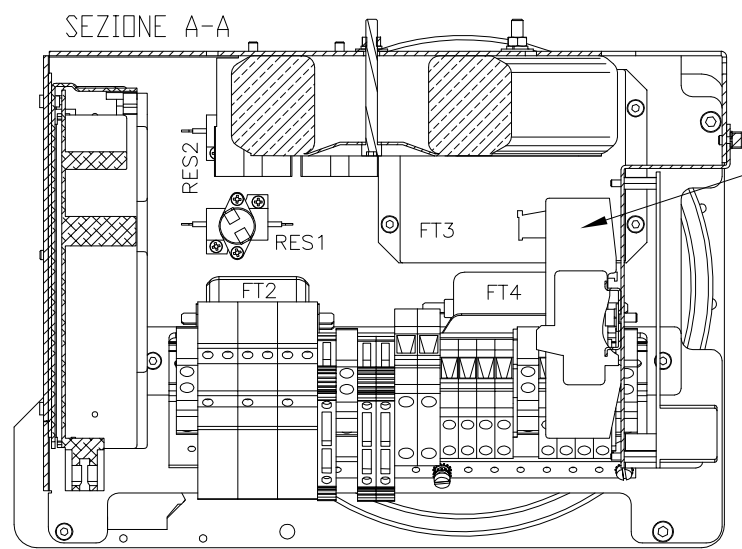
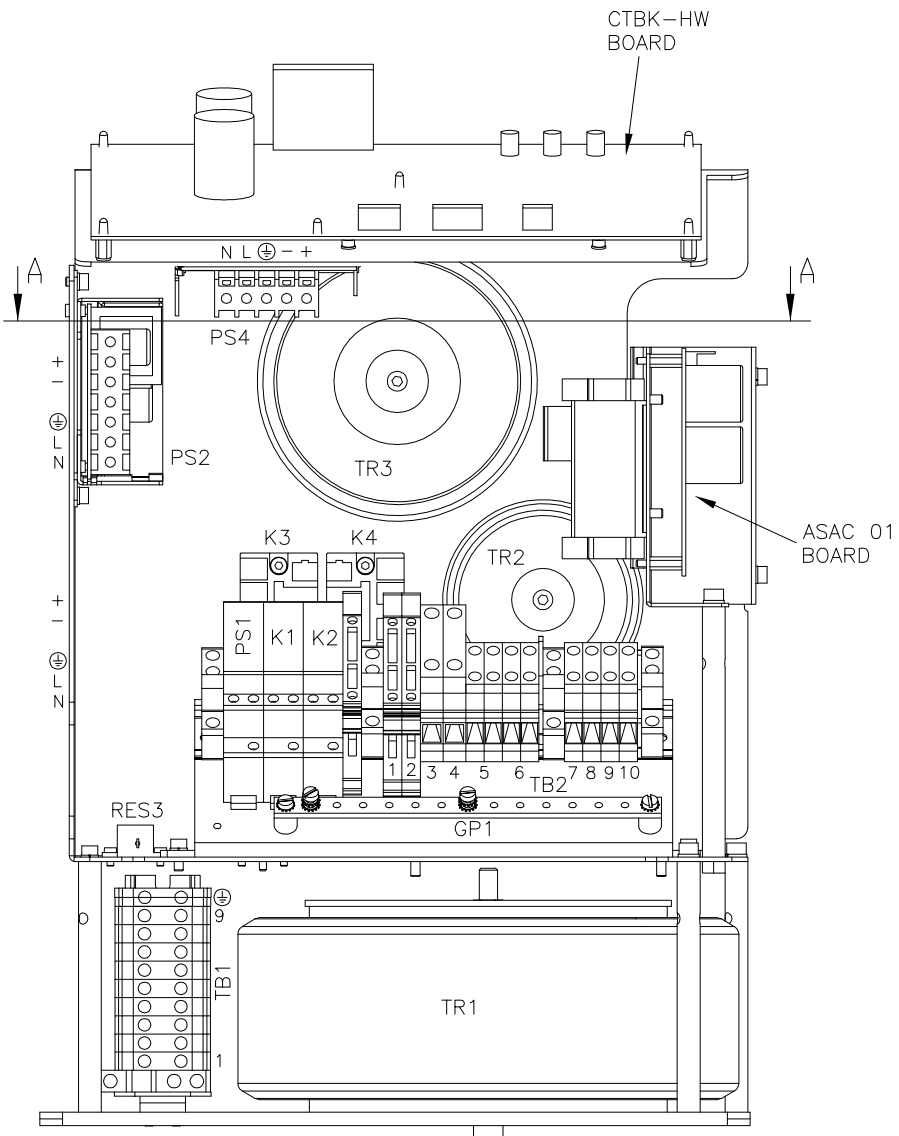
1 2 3 4 5 6 7 8 9 10

D

C

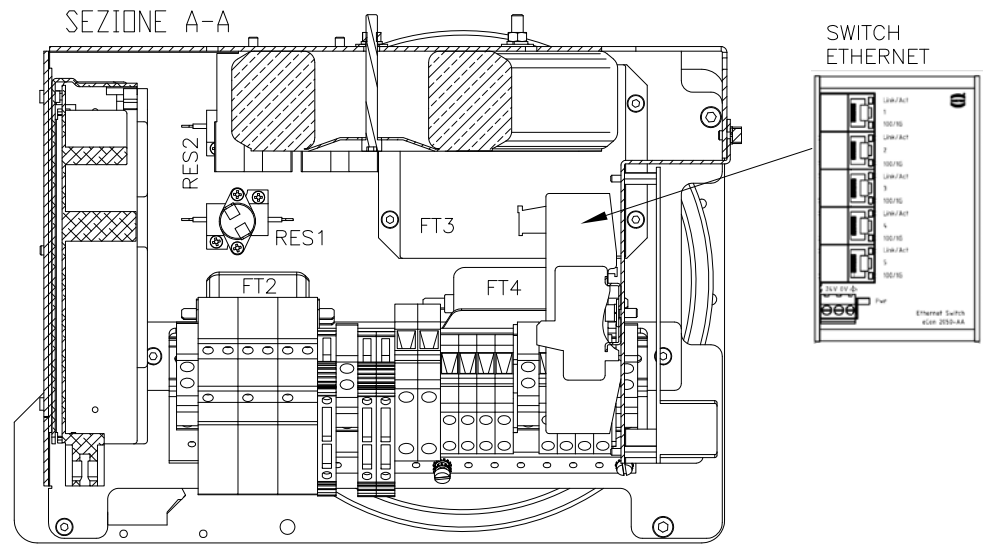
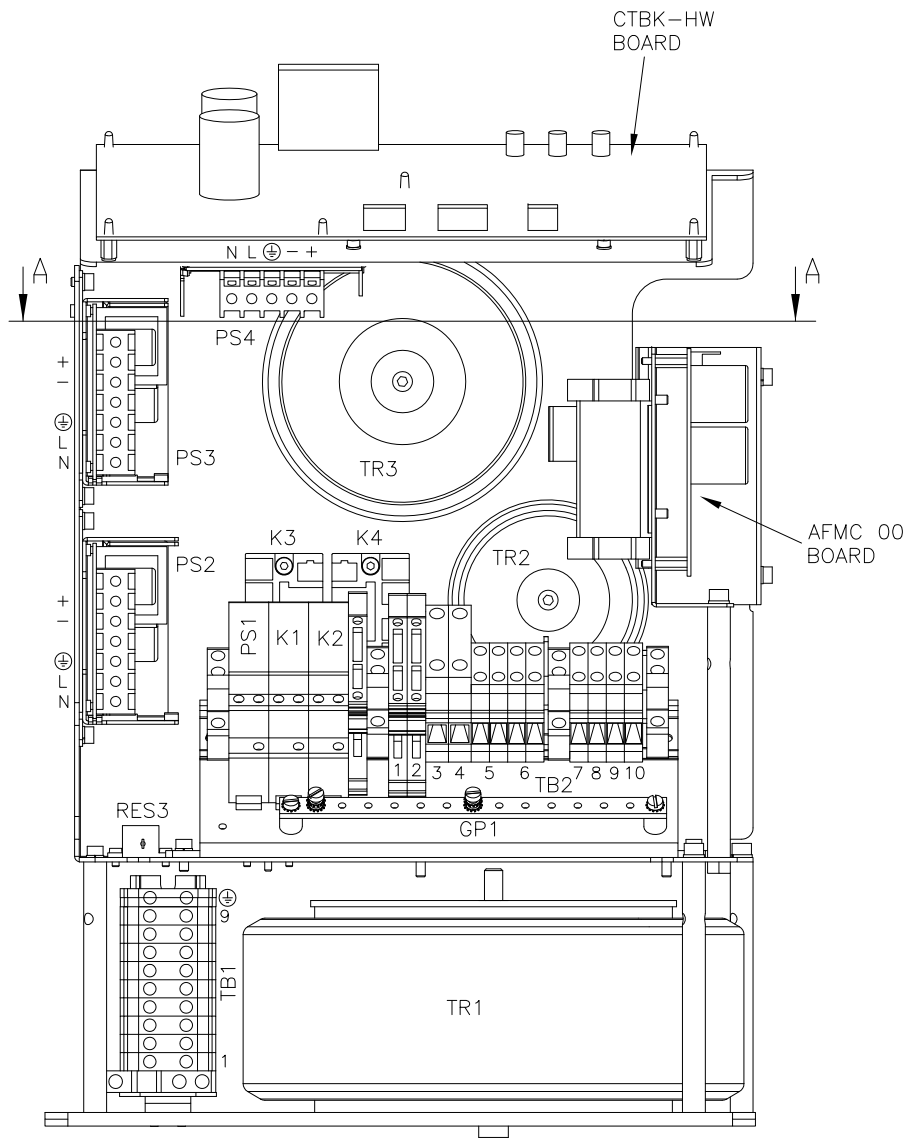
B

A



	Applicazione Tecnologie Speciali s.r.l.	ARCO FP-S POWER SUPPLY CIRCUIT	n° 95 102A Sheet
	Dwn by M.F. Date 21-03-2023	Replace 95 102	Replaced by
Approved D.T. Date 21-03-2023	Valid from 01 035 95 23	Up to	

1 2 3 4 5 6 7 8 9 10



	Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 102-MOT
		POWER SUPPLY UNIT LAYOUT	Sheet
Dwn by	D.T.	Date 25-05-2021	Replace
Approved	F.C.	Date 25-05-2021	Valid from 01 011 95 21
			Replaced by
			Up to

1 2 3 4 5 6 7 8 9 10

D

D

C

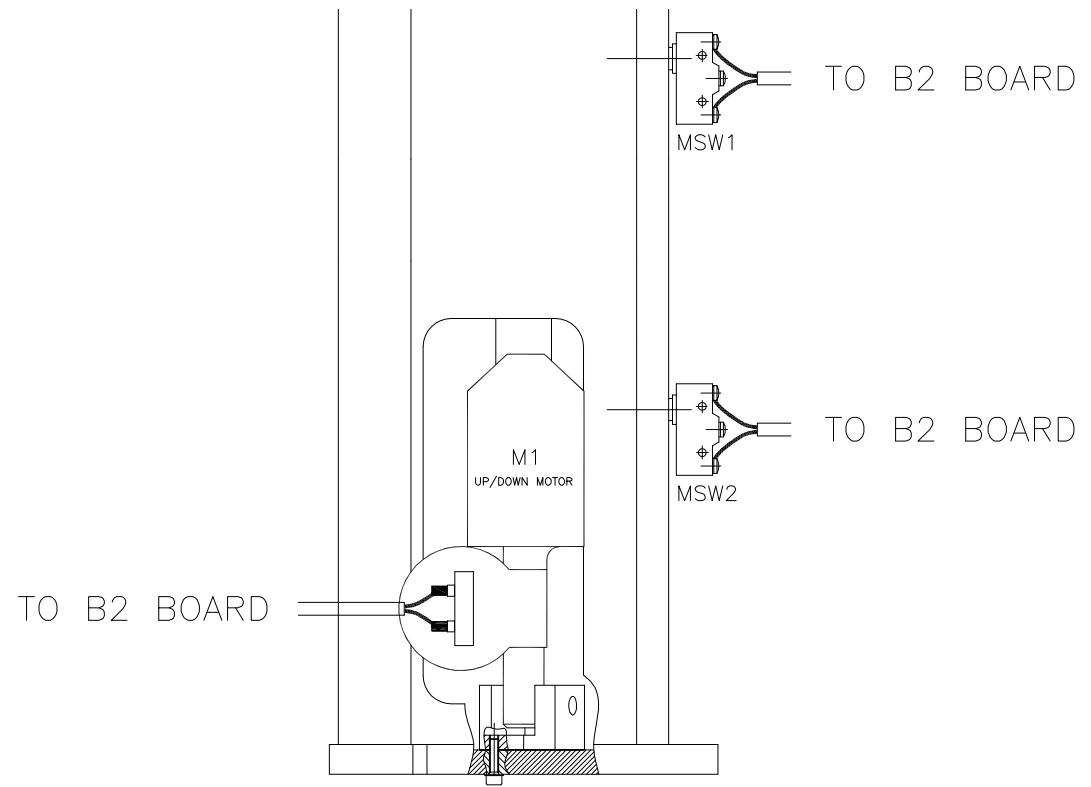
C


B

B

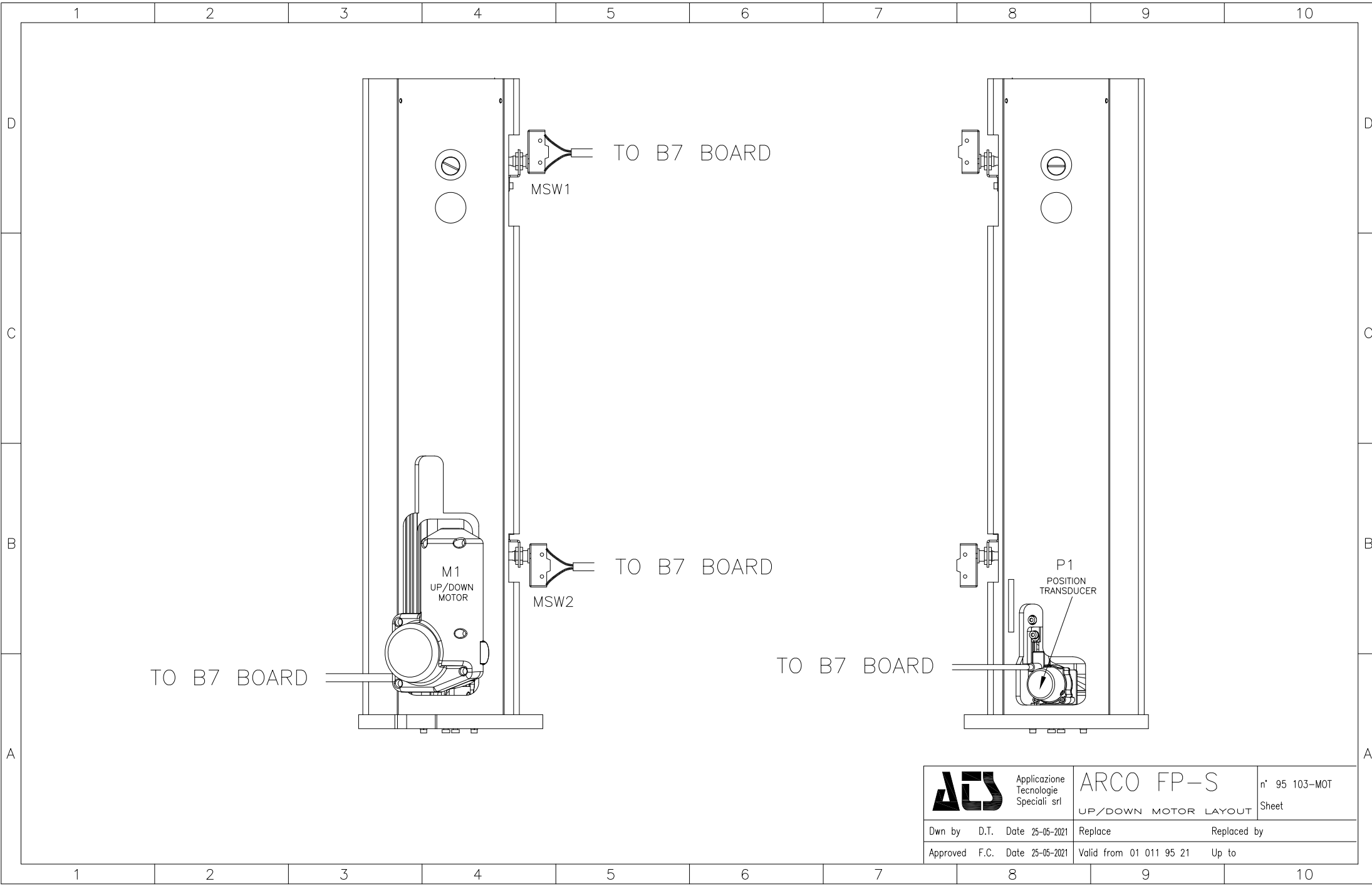
A

A



	Applicazione Tecnologie Speciali srl	ARCO FP-S UP/DOWN MOTOR LAYOUT	n° 95 103 Sheet
	Dwn by D.T. Date 01-08-2018	Replace	Replaced by
Approved F.C. Date 01-08-2018	Valid from 01 001 95 18	Up to	

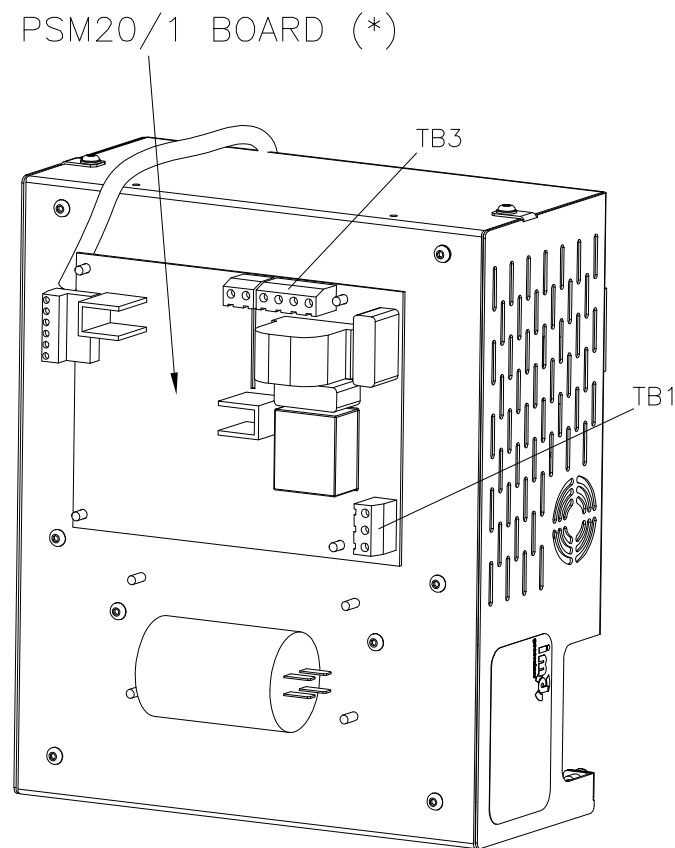
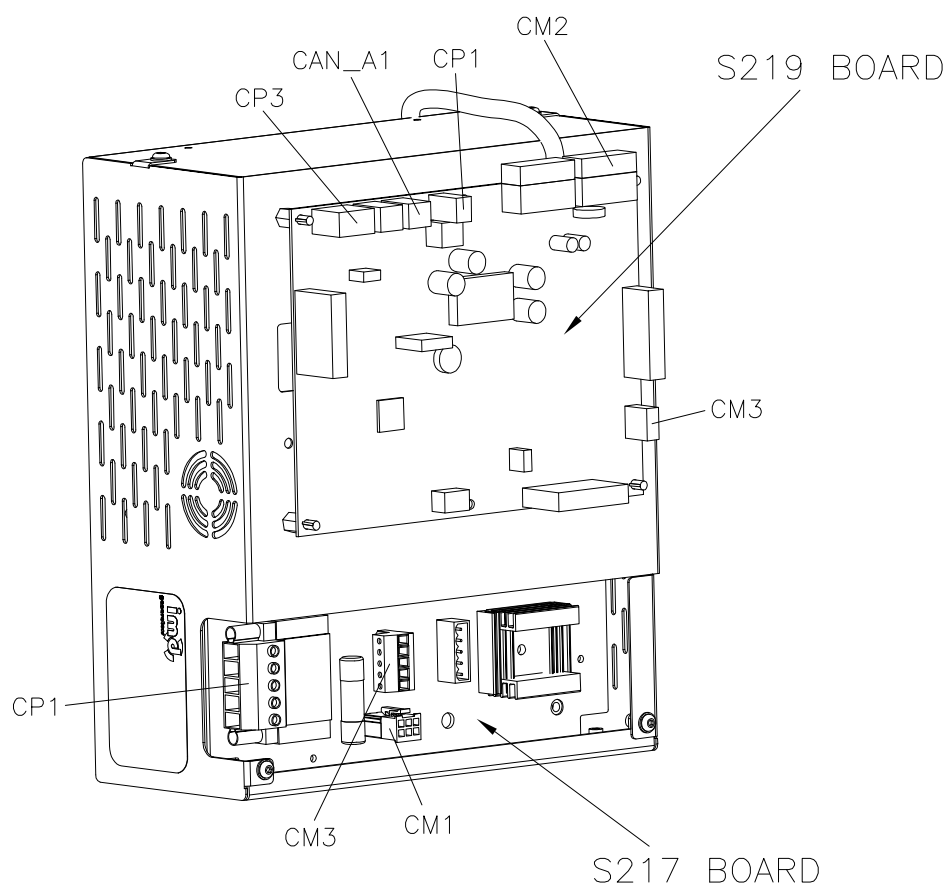
1 2 3 4 5 6 7 8 9 10



	Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 103-MOT
		UP/DOWN MOTOR LAYOUT	Sheet
Dwn by	D.T.	Date 25-05-2021	Replace
Approved	F.C.	Date 25-05-2021	Replaced by Valid from 01 011 95 21 Up to

1 2 3 4 5 6 7 8 9 10

D
C
B
A



(*) Only for ROTATING ANODE

1 2 3 4 5 6 7 8 9 10

	Applicazione Tecnologie Speciali srl	ARCO FP-S X-RAY GENERATOR LAYOUT	n° 95 104 Sheet
	Dwn by D.T. Date 01-08-2018	Replace	Replaced by
Approved F.C. Date 01-08-2018	Valid from 01 001 95 18	Up to	

LED DESCRIPTION:

- DL1 = +24V
- DL2 = COM. FAULT
- DL3 = COM. OK
- DL4 = Δ kV MAX
- DL5 = kV>110%
- DL6 = kV MIN
- DL7 = mA RX MAX
- DL4+5+6+7=24V UNDERVOLTAGE
- DL6+7=MONOBLOCK TERMIC S.

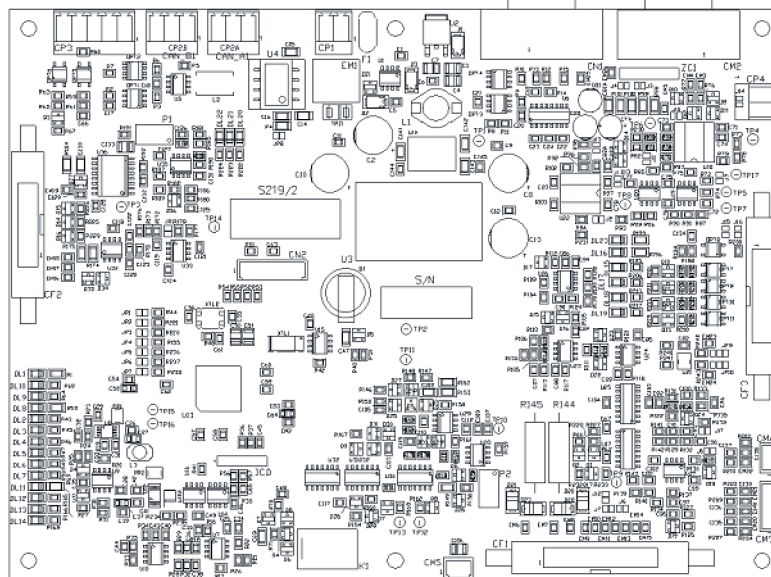
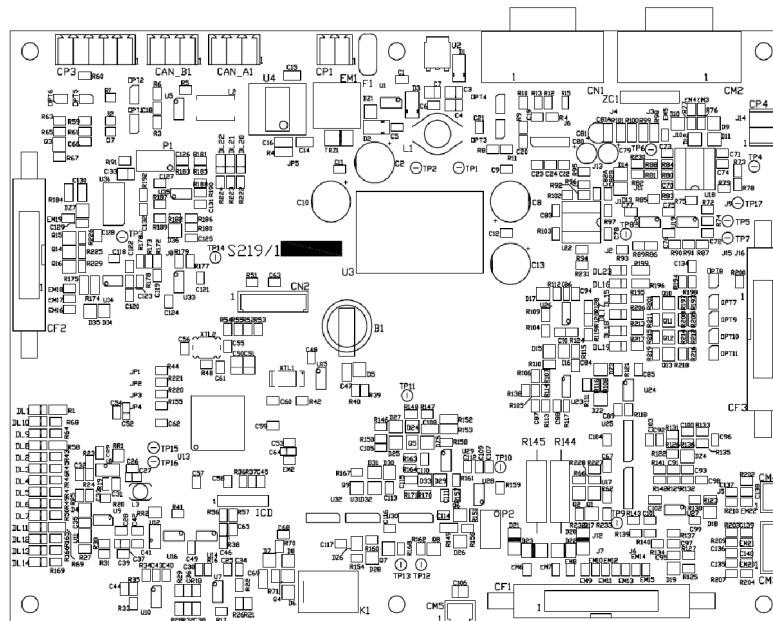
- DL8 = COM_RX HW
- DL9 = kV>85% HW
- DL10 = COM_RX
- DL11 = ON INVERTER
- DL12 = PWM COM. "B"
- DL13 = PWM COM. "A"
- DL14 = PRE_RX
- DL15 = STARTER RAD
- DL16 = STARTER OK
- DL17 = STARTER FLUORO
- DL18 = N.U.
- DL19 = N.U.
- DL20 = FILAMENT FAULT
- DL21 = FILAMENT OK
- DL22 = SMALL FILAMENT
- DL23 = HI mA scale

CONNETTOR DESCRIPTION:

- CM1 = RS232 (N.U.)
- CM2 = FEED-BACK MONOB.
- CM3 = TERM. ; NTC MONOB.
- CM4 = NTC INV. (N.U.)

- CP1 = +24Vcc SUPPLY
- CAN_A1 = CAN BUS
- CAN_B1 = CAN BUS (N.U.)
- CP3 = HARDWARE I/O

- CF1 = COM. DRIVER PSM15
- CF2 = COM. FILAMENT S223
- CF3 = COM. STARTER PSM20

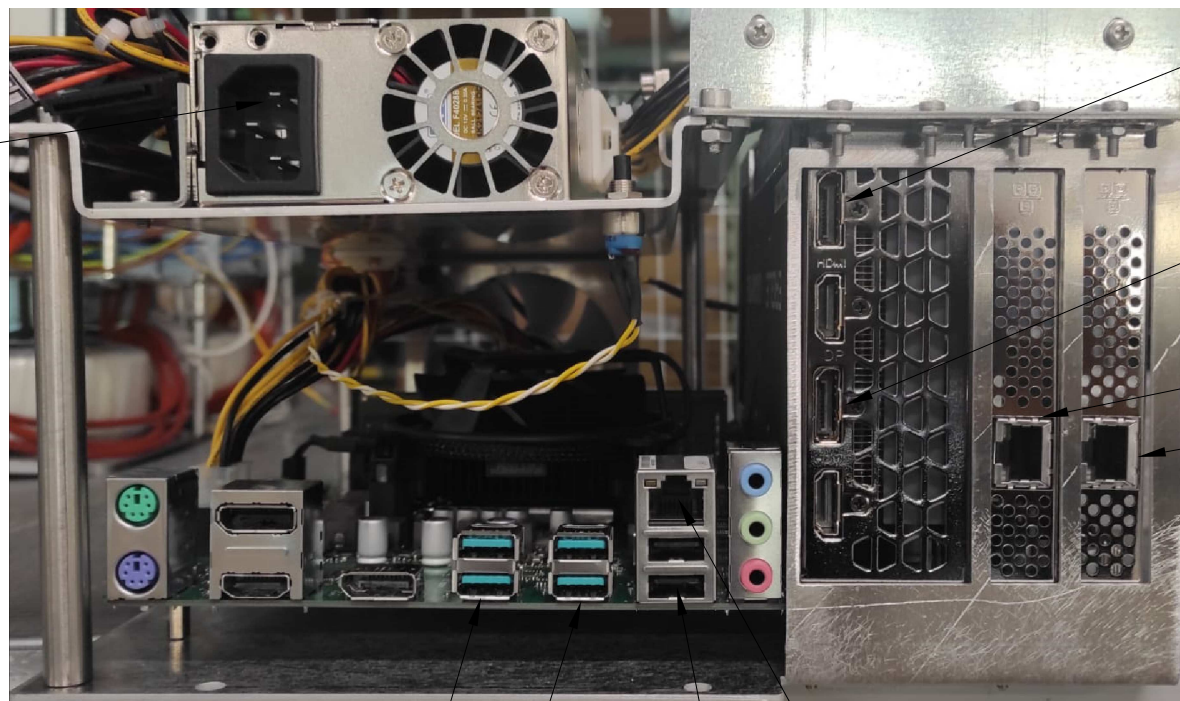


TEST POINT DESCRIPTION:

- TP1 = +5Vdc
- TP2 = GND
- TP3 = FILAMENT FREQ.
- TP4 = kV+ (+1V=+10KV)
- TP5 = kV TUBE (-1V=30KV)
- TP6 = kV- (-1V=-10KV)
- TP7 = SET kV (1V=30KV)
- TP8 = mA current (1V=50mA Hi)
(1V=5mA Low)
- TP9 = I PRIM (1V=20A)
- TP10 = SWITCHING FREQ.
- TP11 = PWM COM.
- TP12 = COM "B"
- TP13 = COM "A"
- TP14 = FIL. CUR. (1V=100mA)
- TP15 = N.U.
- TP16 = N.U.

 Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 108
	S219 BOARD (X-RAY GEN.)	Sheet
Dwn by D.T. Date 01-08-2018	Replace	Replaced by
Approved F.C. Date 01-08-2018	Valid from 01 001 95 18	Up to

ARCO FP-S/VP Ver. 3
VIDEO CARD: RTX3060



230Vac

DISPLAY PORT (MONITOR)

DISPLAY PORT (AUX. MONITOR)

LAN 2

LAN 3

USB ports

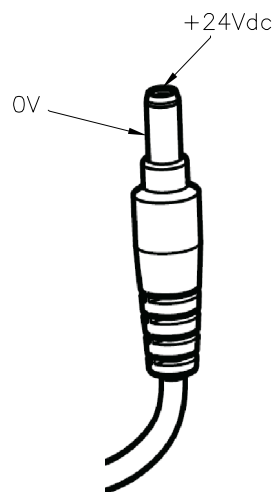
USB ports

LAN1

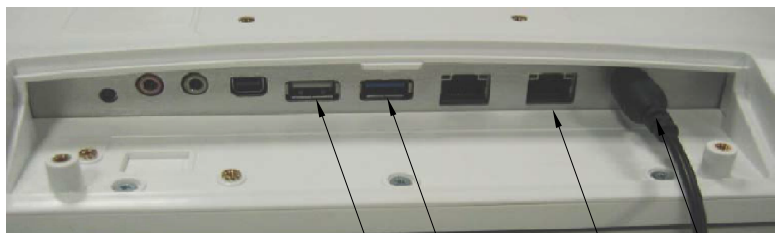
USB ports

 Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 105C
	VIDEO PROCESSOR LAYOUT	Sheet
Dwn by M.F. Date 12-12-2022	Replace 95 105B	Replaced by
Approved D.T. Date 12-12-2022	Valid from 01 113 95 22	Up to

POWER SUPPLY CONNECTOR

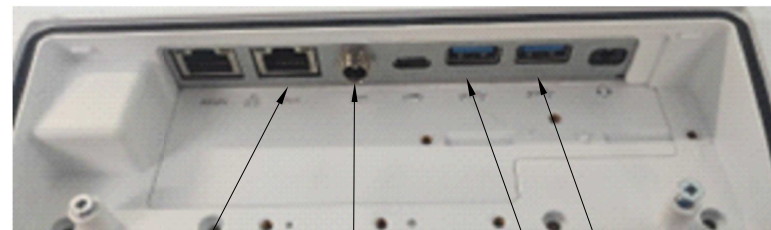


CONTROL PANEL 12" (MIUP-2212)



USB PORTS
 MAIN LAN PORT
 POWER SUPPLY

CONTROL PANEL 13" (MIUP-2213)

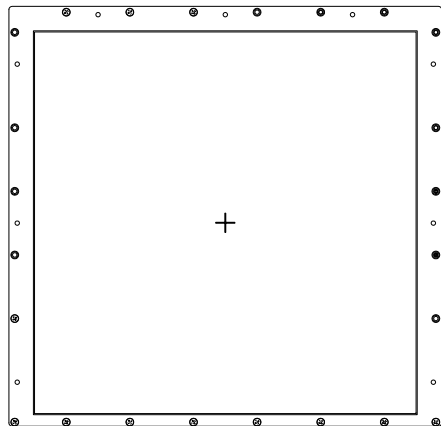


MAIN LAN PORT
 POWER SUPPLY
 USB PORTS

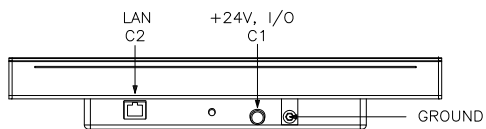
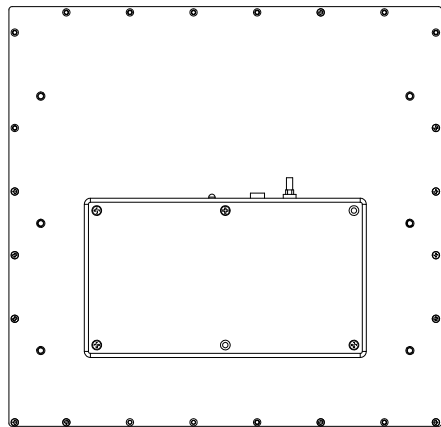
 Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 106
	CONTROL PANEL LAYOUT Sheet	
Dwn by D.T.	Date 06-10-2023	Replace Replaced by
Approved P.V.	Date 06-10-2023	Valid from 01 001 95 18 Up to

FPD: PAXSCAN-3030DXV

FRONT

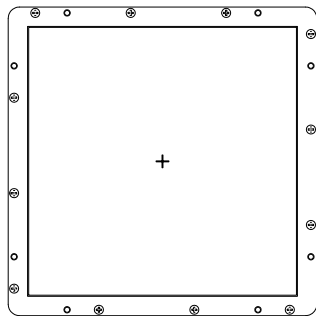


REAR

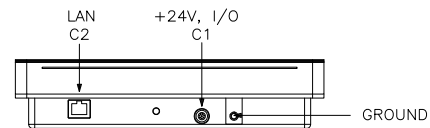
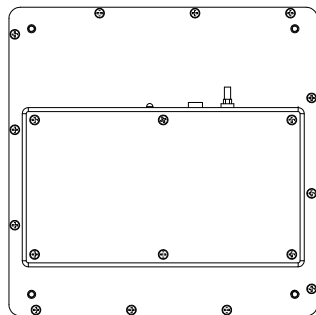


FPD: PAXSCAN-2121DXV

FRONT

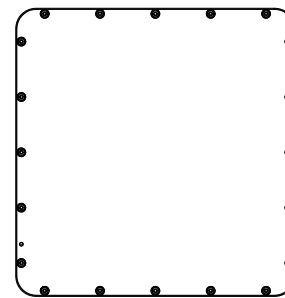


REAR

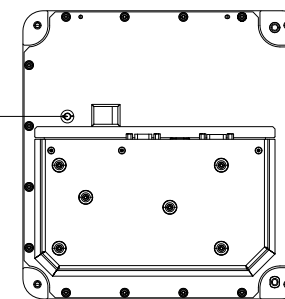


FPD: PIXIUM SURGICAL 2121S-AU

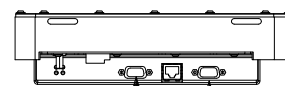
FRONT



REAR



GROUND



I/O
C1
LAN
C2
C4
+24V



Applicazione
Tecnologie
Speciali srl

ARCO FP-S
FLAT PANEL DETECTOR LAYOUT

n. 95 107
Sheet

Dwn by M.F. Date 01-08-2018

Replace

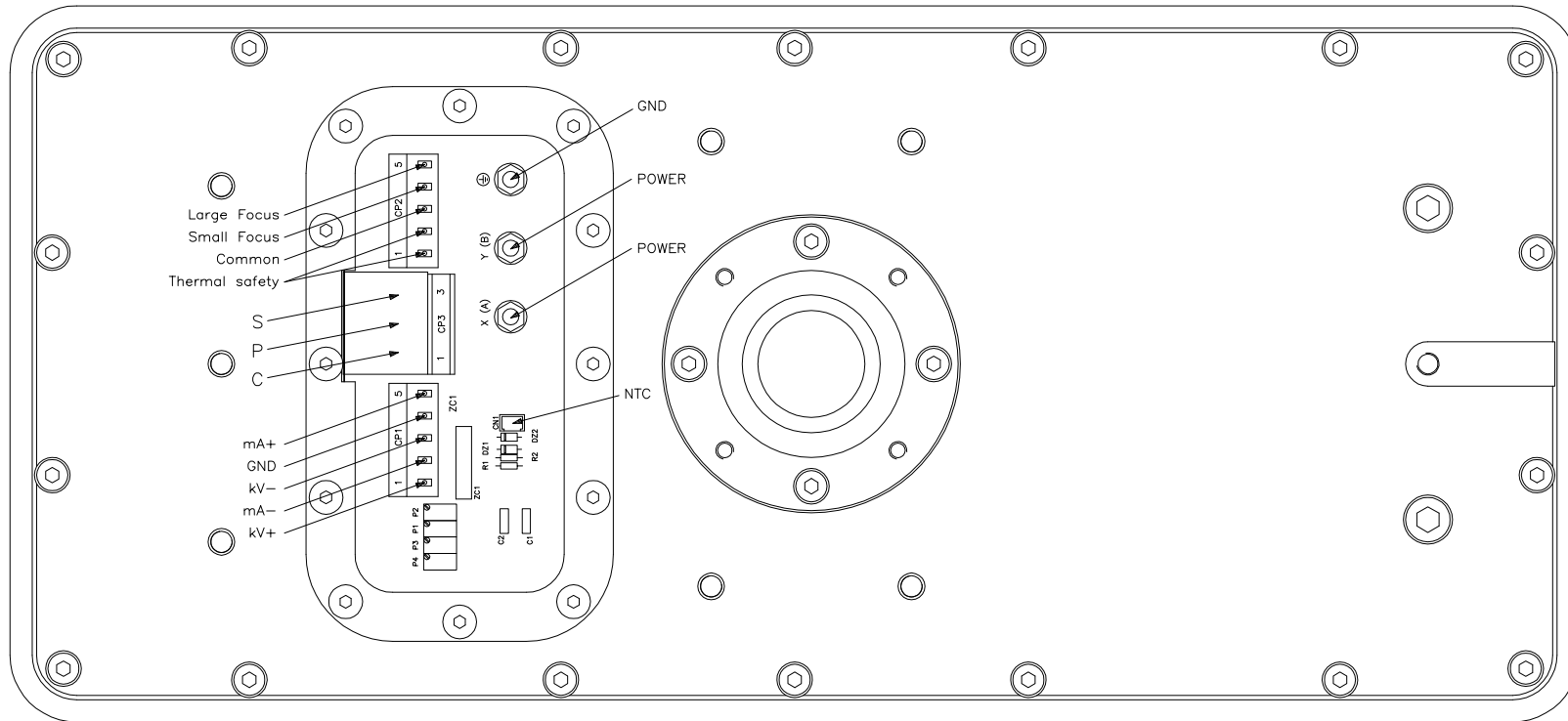
Replaced by


Approved F.C. Date 01-08-2018

Valid from 01 001 95 18

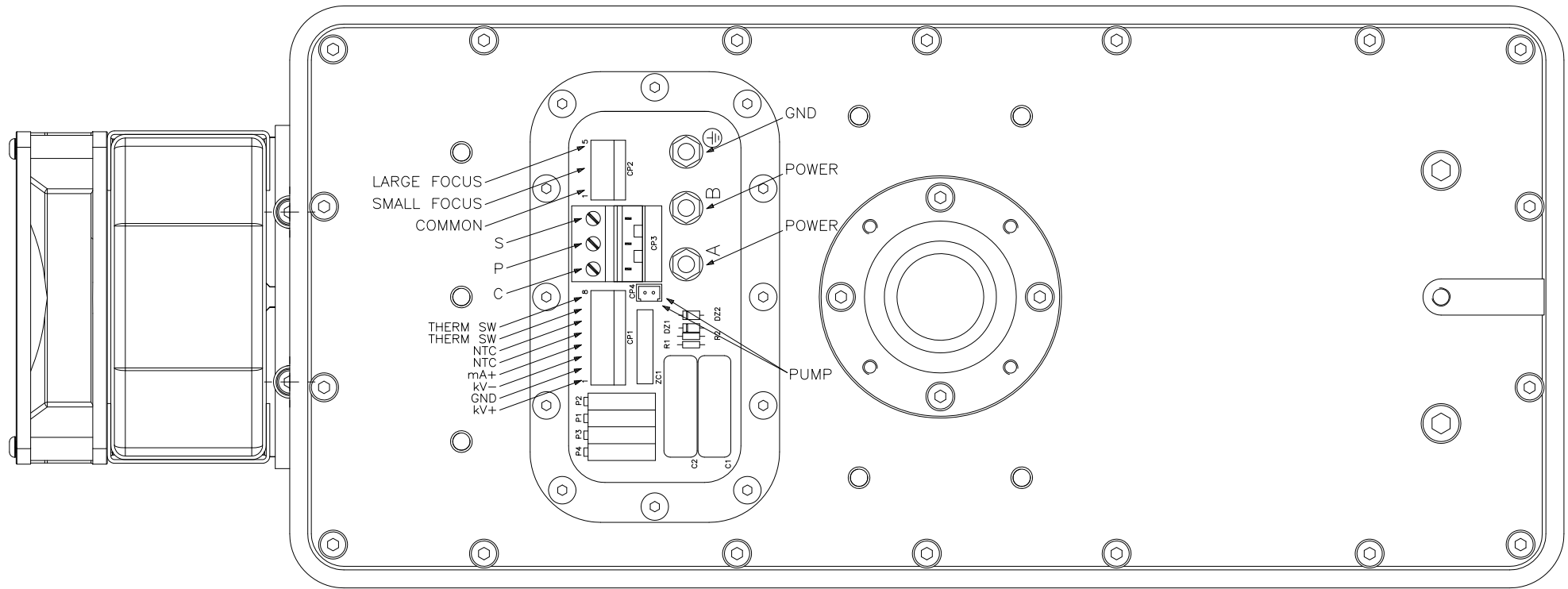
Up to


X-RAY TUBE FOR ROTATING ANODE



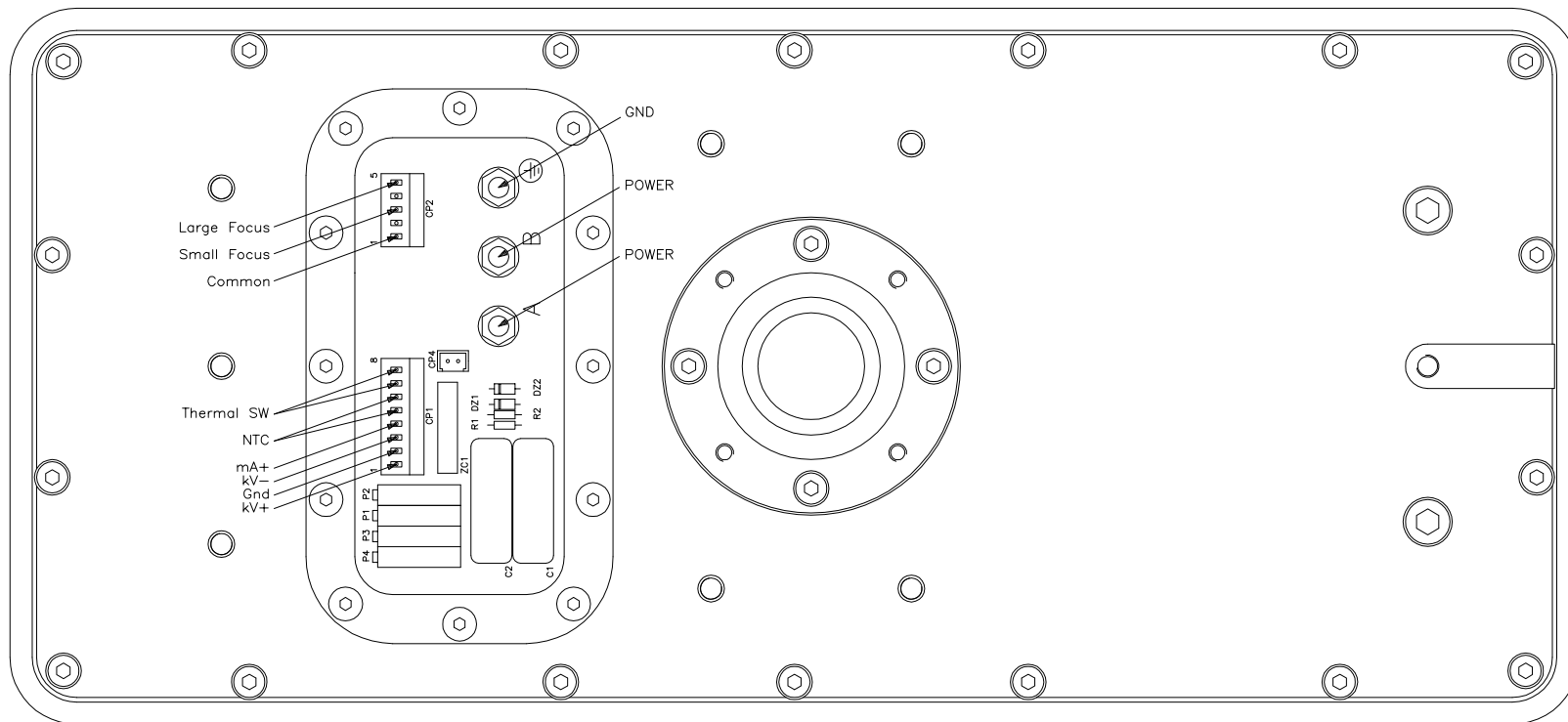
	Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 109
		S83 BOARD (X-RAY TUBE) Sheet	
Dwn by	D.T.	Date 01-08-2018	Replace Replaced by
Approved	F.C.	Date 01-08-2018	Valid from 01 001 95 18 Up to

X-RAY TUBE FOR ROTATING ANODE WITH A.C.

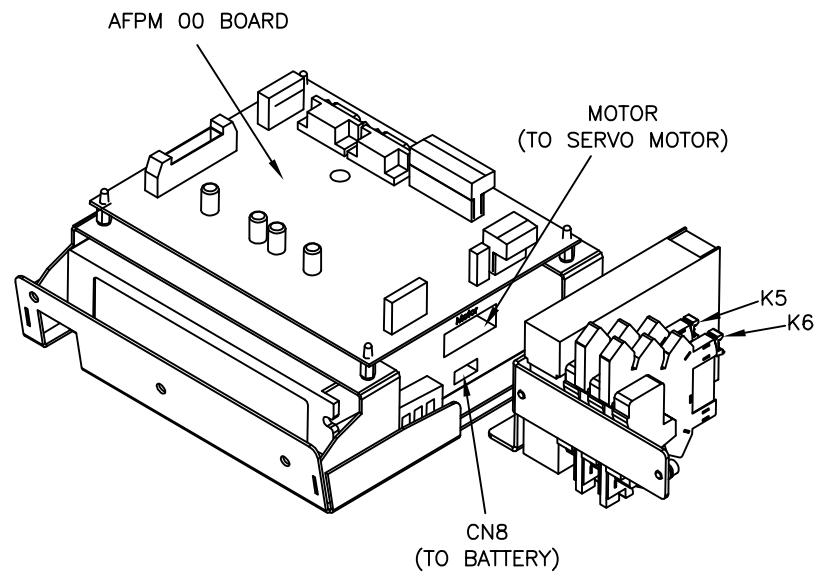
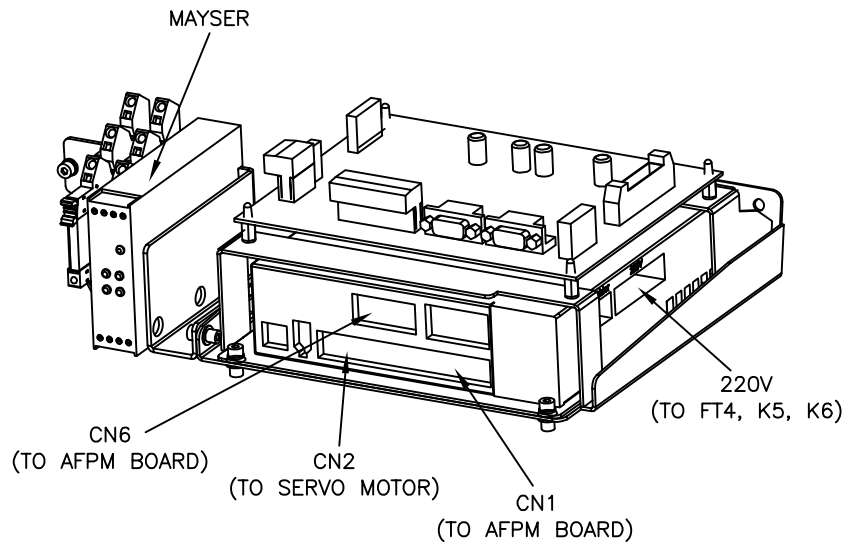


	Applicazione Tecnologie Speciali srl	ARCO FP-S PSM26 BOARD (X-RAY TUBE)	n° 95 109-AC Sheet
	Dwn by D.T. Date 26-10-2020	Replace	Replaced by
Approved F.C. Date 26-10-2020	Valid from 01 011 95 21	Up to	Up to

X-RAY TUBE FOR FIXED ANODE



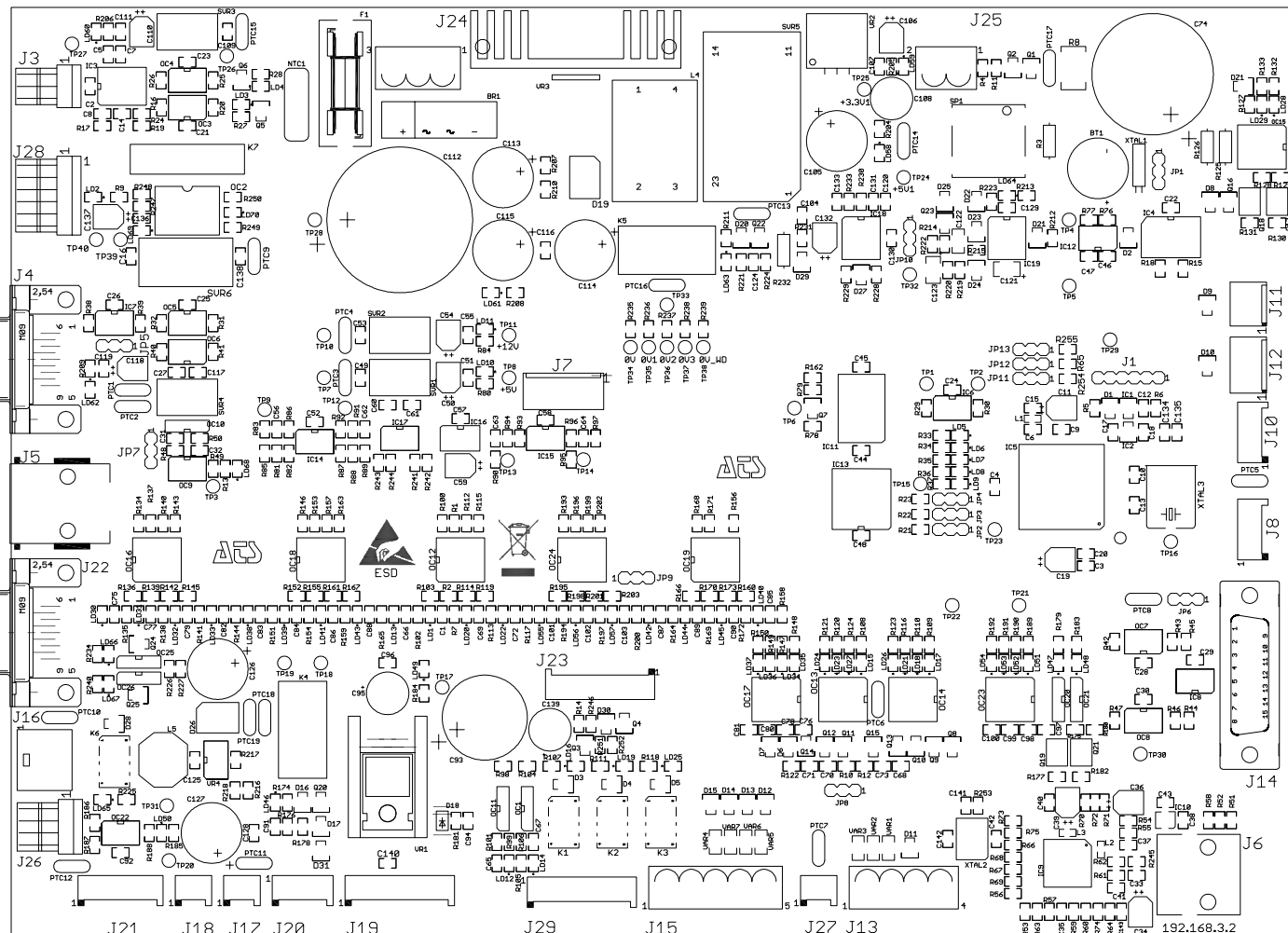
	Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 110
		PSM26 BOARD (X-RAY TUBE) Sheet	
Dwn by	D.T.	Date 01-08-2018	Replace Replaced by
Approved	F.C.	Date 01-08-2018	Valid from 01 001 95 18 Up to



	Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 95 111
		MOTOR DRIVER LAYOUT	Sheet
Dwn by	D.T.	Date 25-05-2021	Replace
Approved	F.C.	Date 25-05-2021	Replaced by
		Valid from 01 011 95 21	Up to

POWER SUPPLY

POWER SUPPLY TO SWITCH



X-RAY COLLIMATOR

N.U.

N.U.

DAP

FPD

GRID SENSOR

LASER

IR REC.

X-RAY LAMP

N.U.

N.U.

POWER ON/OFF.

TO INJECTOR

FOOT SW.

EN. X-RAY HAND SW.

HAND SW.

ETHERNET


N.U.

RELE 2° TIME

UP/DOWN MOTOR

N.U.

TO XRAY GEN.

 Applicazione Tecnologie Speciali srl	ARCO FP-S B1 BOARD (CTBK-HW)		n° 74 01 100B Sheet
	Dwn by D.T. Date 01-08-2018	Replace	Replaced by
Approved F.C. Date 01-08-2018	Valid from 01 001 95 18	Up to	

D

C

B

A

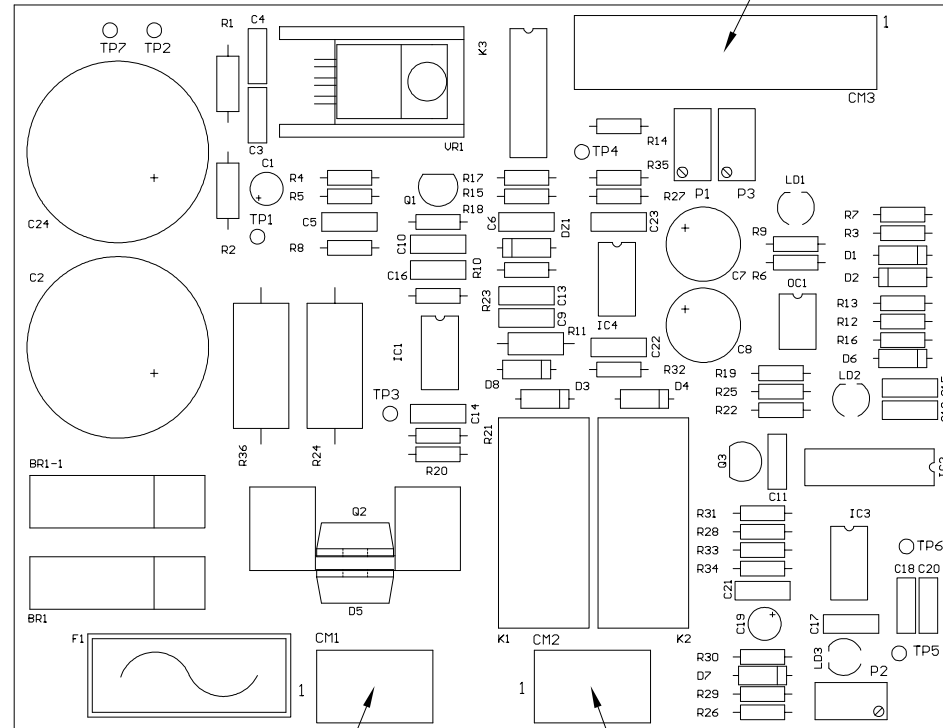
D

C

B

A

TO B1 BOARD, MSW1, MSW2

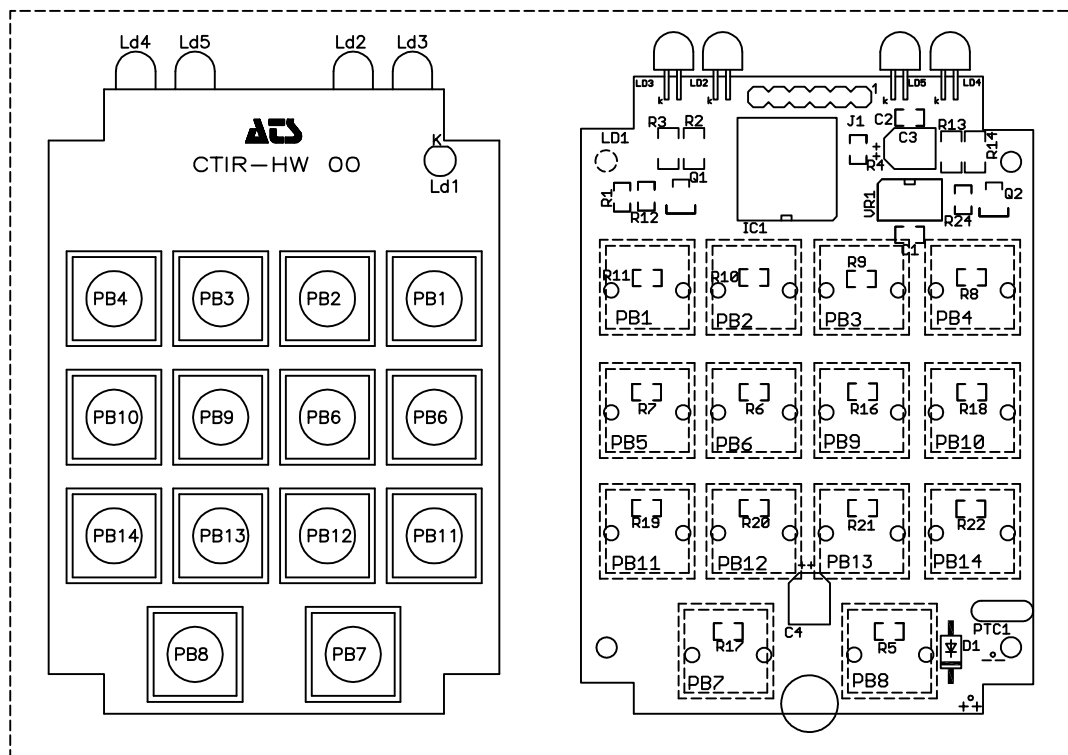
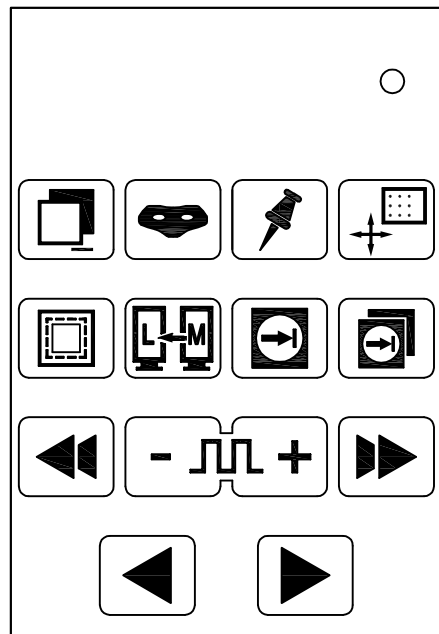



FROM TR3

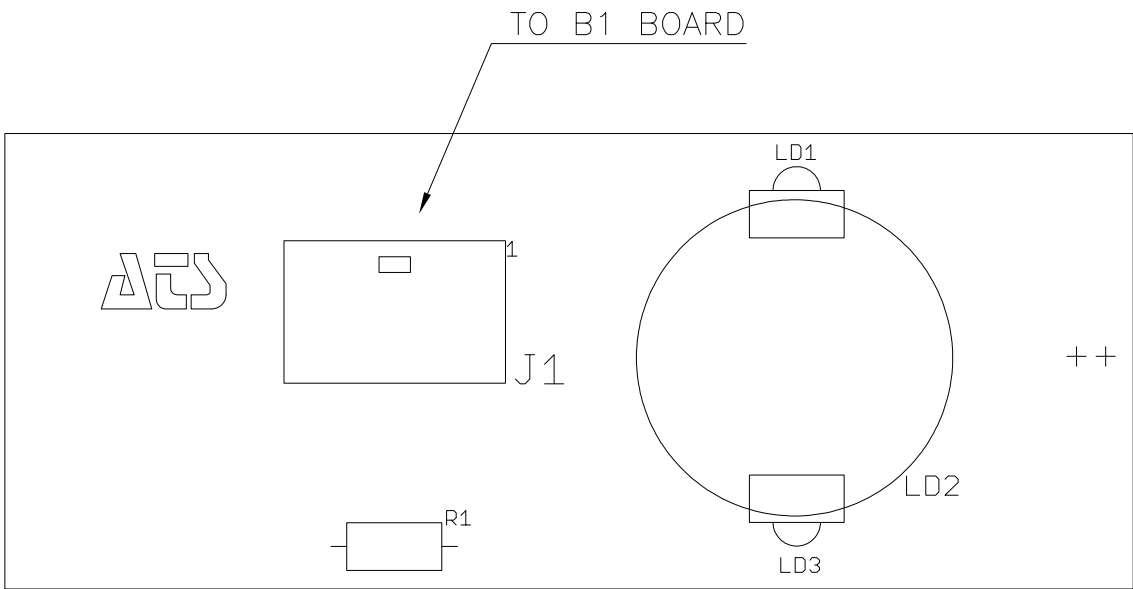
TO UP/DOWN MOTOR


	Applicazione Tecnologie Speciali srl	ARCO FP-S	n° 19 10 010A
		B2 BOARD (ASAC 01)	Sheet
Dwn by	D.T.	Date 01-08-2018	Replace
Approved	F.C.	Date 01-08-2018	Replaced by Valid from 01 001 95 18 Up to

TRANSMITTER



 Applicazione Tecnologie Speciali srl	ARCO FP-S B3 BOARD (CTIR-HW)		n° 74 01 200 Sheet
	Dwn by D.T. Date 01-06-2018	Replace	Replaced by
Approved F.C. Date 01-06-2018	Valid from 01 001 95 18	Up to	



 Applicazione Tecnologie Speciali srl	ARCO FP-S B4 BOARD (CTLD-HW)		n° 74 01 300 Sheet
	Dwn by D.T. Date 01-08-2018	Replace	Replaced by
Approved F.C. Date 01-08-2018	Valid from 01 001 95 18	Up to	

1 2 3 4 5 6 7 8 9 10

D

D

C

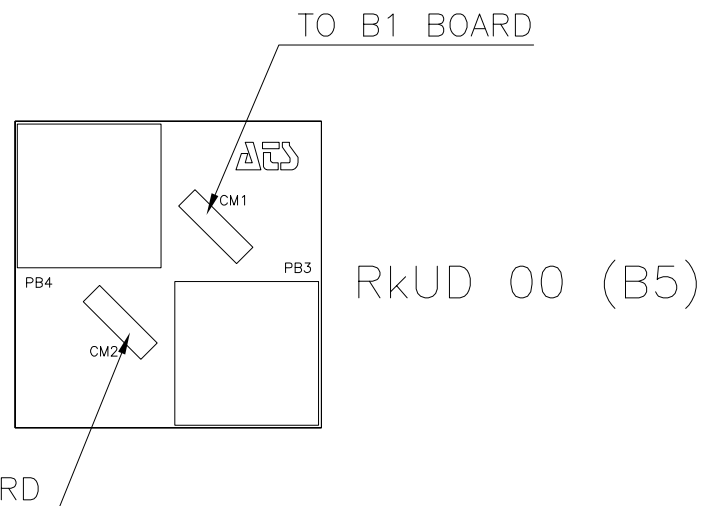
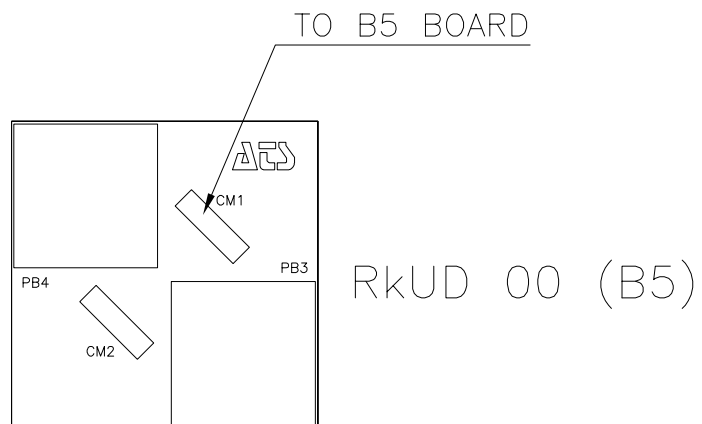
C

B

B

A

A



	Applicazione Tecnologie Speciali srl	ARCO FP-S B5 (RkUD 00)	n° 59 01 400 Sheet
	Dwn by D.T. Date 01-08-2018	Replace	Replaced by
Approved F.C. Date 01-08-2018	Valid from 01 001 95 18	Up to	

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

D

C

B

A

D

C

B

A

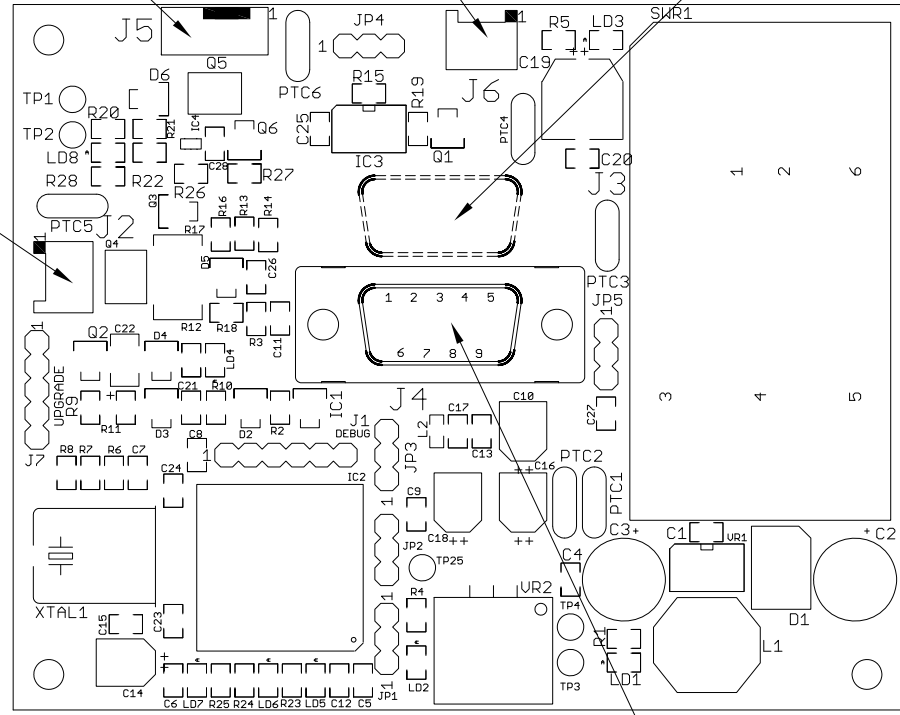
TO FAN

TO X-RAY COLLIMATOR

N.U.

TO PSM26 BOARD

TO B1 BOARD



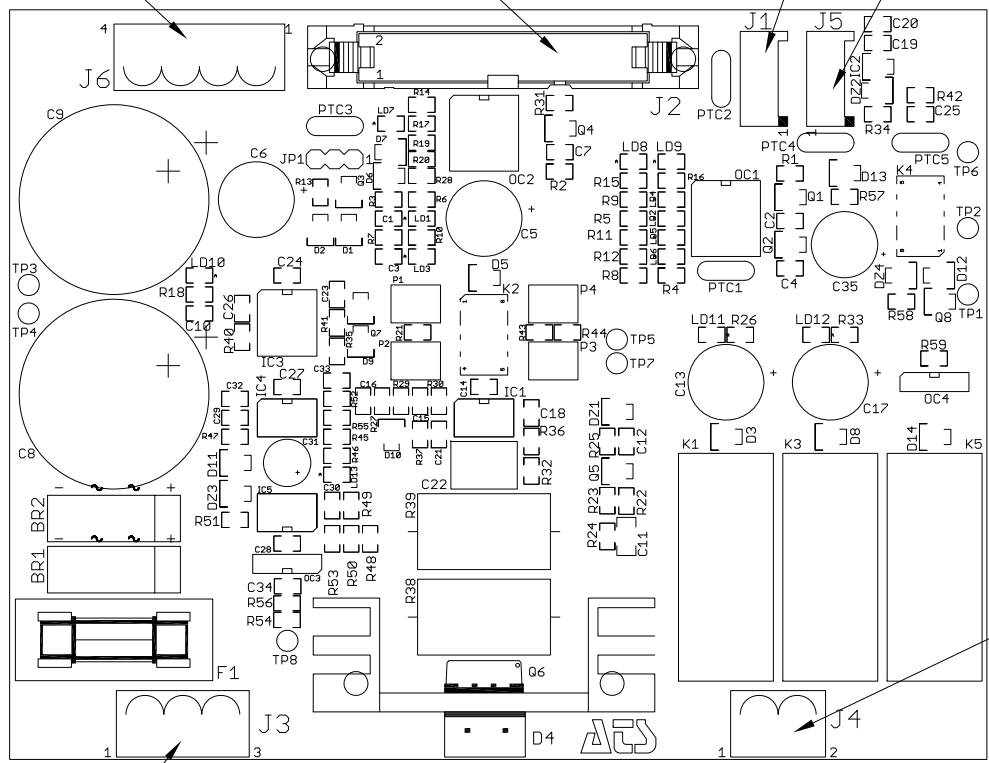
Applicazione Tecnologie Speciali srl	ARCO FP-S B6 BOARD (AFPC 00)	n° 74 01 500 Sheet
Dwn by D.T. Date 25-05-2021	Replace	Replaced by
Approved F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

D
C
B
A

TO K5,K6
TO B8 BOARD
TO B5 BOARD
TO MSW1, MSW2, P1

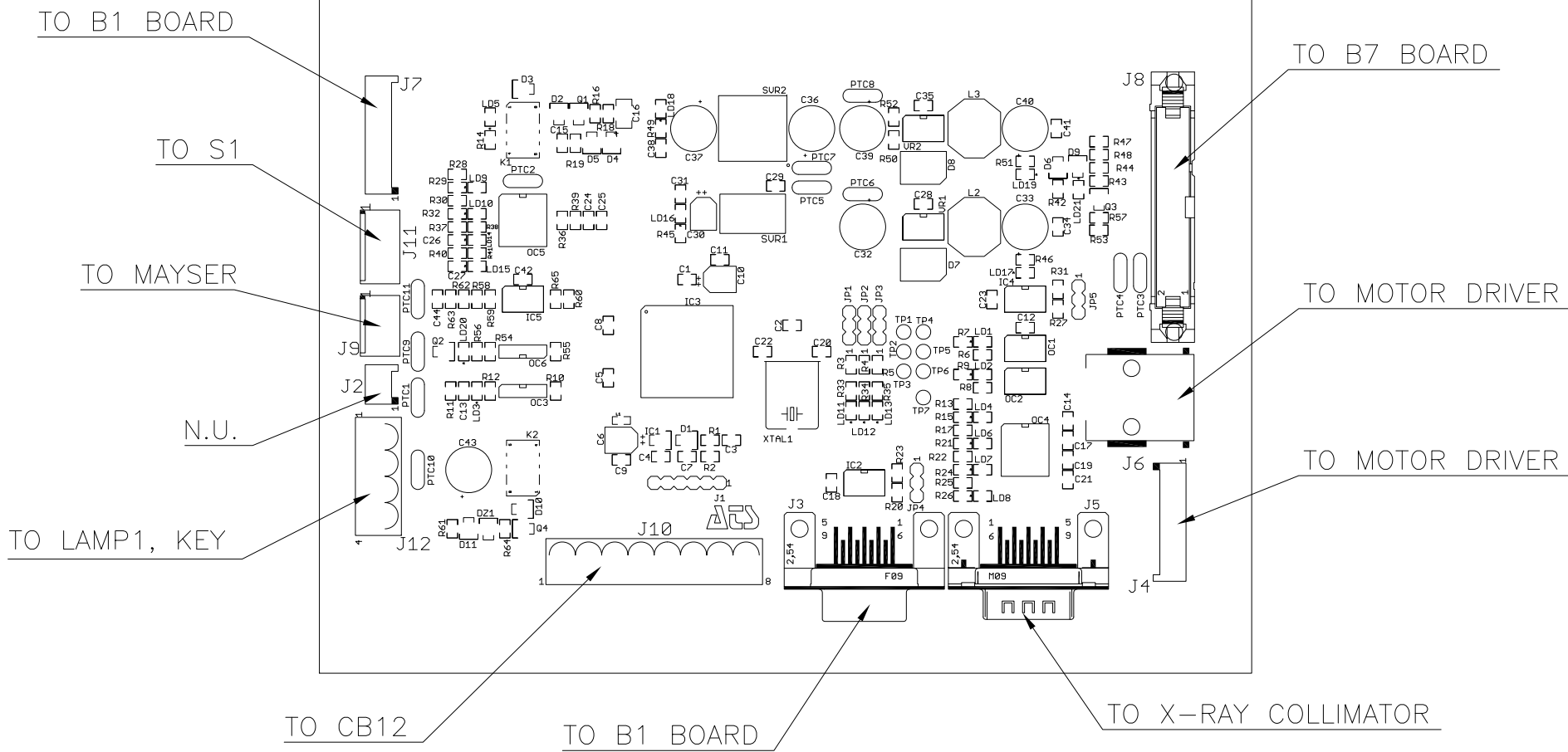



TO UP/DOWN MOTOR

TO TB3

ATS	Applicazione Tecnologie Speciali srl	ARCO FP-S B7 BOARD (AFMC 00)	n° 74 01 600 Sheet
	Dwn by D.T. Date 25-05-2021	Replace	Replaced by
Approved F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to	

1 2 3 4 5 6 7 8 9 10



	Applicazione Tecnologie Speciali srl	ARCO FP-S B8 BOARD (AFPM 00)	n° 74 01 700 Sheet
	Dwn by D.T. Date 25-05-2021	Replace	Replaced by
Approved F.C. Date 25-05-2021	Valid from 01 011 95 21	Up to	