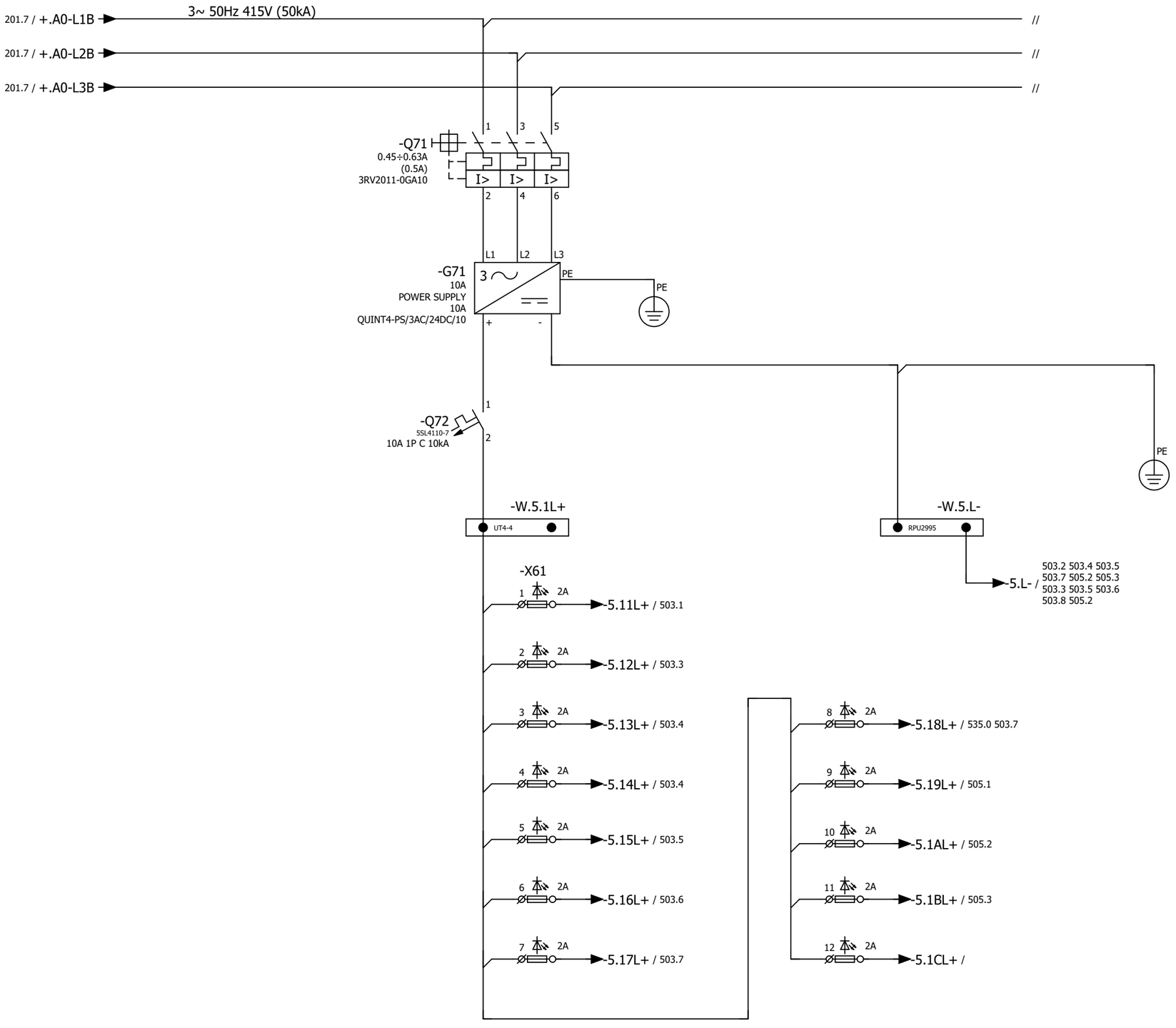
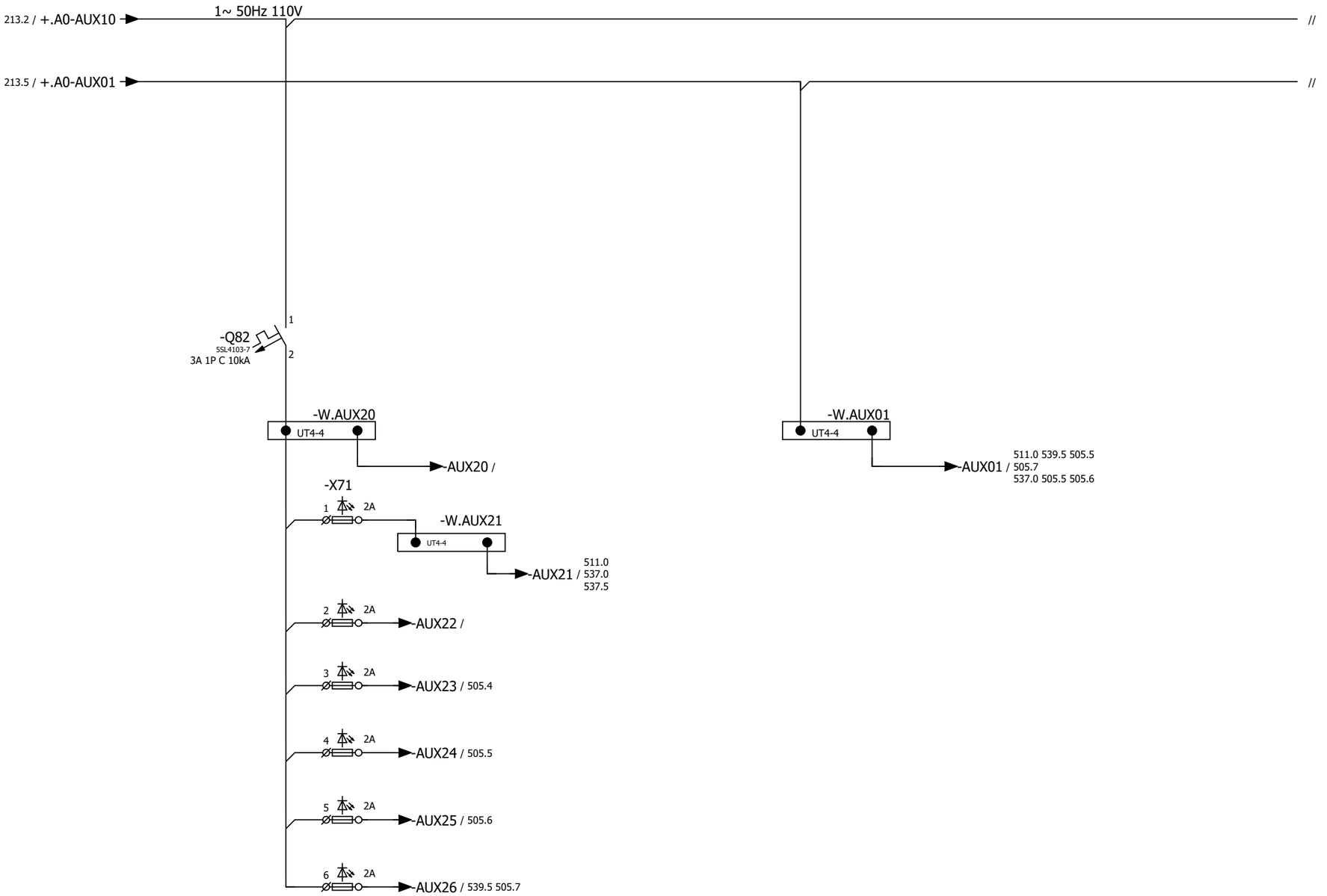


AUXILIARY CIRCUIT 24V DC
REMI/O

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	AUXILIARY CIRCUIT 24VDC	HOT MILL AUXILIARY AC DRIVES	= MD01E10	
				Drawn	BUM					+ **DRA01.A90**	
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201	Page **501**
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.			Follow 502

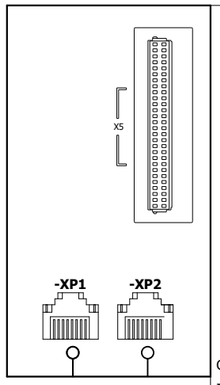


AUXILIARY CIRCUIT
1~ 50Hz 230V

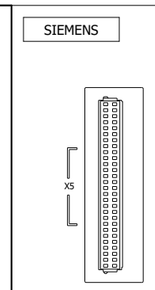
01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	AUXILIARY CIRCUIT 110V	HOT MILL AUXILIARY AC DRIVES	= MD01E10
				Drawn	BUM					+ **DRA01.A90**
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.		Page **502** Follow 503

-A100 -A101 -A102 -A103 -A104 -A105 -A106 -A107

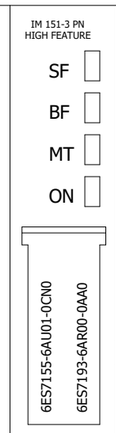
-A100A
PROFINET
MODULE
7KM9300-0AE01-
0AA0
+.A0/251.5

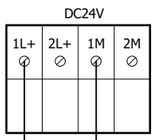


/251.6



CPU: **<cpu>**
I/O Controller: **<branch>**
Device Number: **<node>**





-5.L-
/501.6

-5.11L+
/501.3

	-A101	-A102	-A103	-A104	-A105	-A106	-A107
	4 Digital output 5A	4 Digital output 5A	4 Digital output 5A	4 Digital output 5A	4 Digital output 5A	4 Digital output 5A	2 Analog output U/I
	6ES7132-6HD00-0BB1 / 6ES7193-6BP20-0BB0	6ES7132-6HD00-0BB1 / 6ES7193-6BP20-0BB0	6ES7132-6HD00-0BB1 / 6ES7193-6BP20-0BB0	6ES7132-6HD00-0BB1 / 6ES7193-6BP20-0BB0	6ES7132-6HD00-0BB1 / 6ES7193-6BP20-0BB0	6ES7132-6HD00-0BB1 / 6ES7193-6BP20-0BB0	6ES7135-6HB00-0CA1 / 6ES7193-6BP00-0DA0
	<cpu>	**<cpu>**	**<cpu>**	**<cpu>**	**<cpu>**	**<cpu>**	**<cpu>**
	BU20-P12+A4+0B	BU20-P12+A4+0B	BU20-P12+A4+0B	BU20-P12+A4+0B	BU20-P12+A4+0B	BU20-P12+A4+0B	BU15-P16+A0+2D
	/507.1 /507.3 /507.4 /507.6	/509.1 /509.3 /509.4 /509.6	/511.1 /511.3 /511.4 /511.6	/513.1 /513.3 /513.4 /513.6	/515.1 /515.3 /515.4 /515.6	/517.1 /517.3 /517.4 /517.6	/531.1 /531.3
	DO0 DO1 DO2 DO3	**DO0 DO1 DO2 DO3**	**DO0 DO1 DO2 DO3**	**DO0 DO1 DO2 DO3**	**DO0 DO1 DO2 DO3**	**DO0 DO1 DO2 DO3**	**POW0 POW1**
	1 9 2 10 3 11 4 12	1 5 2 6 3 7 4 8	1 5 2 6 3 7 4 8	1 5 2 6 3 7 4 8	1 5 2 6 3 7 4 8	1 5 2 6 3 7 4 8	1 9 2 10 3 11 4 12
	5 1A 6 2A 7 3A 8 4A	9 1A 10 2A 11 3A 12 4A	9 1A 10 2A 11 3A 12 4A	9 1A 10 2A 11 3A 12 4A	9 1A 10 2A 11 3A 12 4A	9 1A 10 2A 11 3A 12 4A	5 13 6 14 7 15 8 16
	L+ M	L+ M	L+ M	L+ M	L+ M	L+ M	L+ M
	-5.12L+ 501.3 / -5.L- 501.6	-5.13L+ 501.3 / -5.L- 501.6	-5.14L+ 501.3 / -5.L- 501.6	-5.15L+ 501.3 / -5.L- 501.6	-5.16L+ 501.3 / -5.L- 501.6	-5.17L+ 501.3 / -5.L- 501.6	-5.18L+ 501.5 / -5.L- 501.6

1 3 5 7	9 11 13 15	20 22 24	26 28 30 32	34 34 2 3	42 44 46 48	1 5	
2 4 6 8						2 6	
+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-W	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X102	
+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X102	
+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-A105	+DRA01.A90-X101		
+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-X101	+DRA01.A90-A105	+DRA01.A90-X101		

	-A108	-A109	-A110	-A111	-A112	-A113	-A114	-A115
	2 Analog output U/I	2 Analog input 4-20mA	2 Analog input 4-20mA	8 Digital input 24Vdc	4 Digital input 120÷230V	4 Digital input 120÷230V	4 Digital input 120÷230V	4 Digital input 120÷230V
	6ES7135-6HB00-0CA1 / 6ES7193-6BP00-0DA0	6ES7134-6HB00-0CA1 / 6ES7193-6BP00-0DA0	6ES7134-6HB00-0CA1 / 6ES7193-6BP00-0DA0	6ES7131-6BF00-0CA0 / 6ES7193-6BP00-0BA0	6ES7131-6FD01-0BB1 / 6ES7193-6BP20-0DC0	6ES7131-6FD01-0BB1 / 6ES7193-6BP20-0DC0	6ES7131-6FD01-0BB1 / 6ES7193-6BP20-0DC0	6ES7131-6FD01-0BB1 / 6ES7193-6BP20-0DC0
	<cpu>	<cpu>	<cpu>	<cpu>	<cpu>	<cpu>	<cpu>	<cpu>
	BU15-P16+A0+2D	BU15-P16+A0+2D	BU15-P16+A0+2D	BU15-P16+A0+2B	BU15-P16+A0+2D	BU15-P16+A0+2D	BU15-P16+A0+2D	BU15-P16+A0+2D
/xxx.4	/531.4	/533.1	/533.4	/535.1	/537.1	/537.5	/539.1	/541.1
/xxx.6	/531.6	/533.3	/533.6	/535.2	/537.2	/537.6	/539.2	/541.2
		/533.1	/533.5	/535.3	/537.3	/537.7	/539.2	/541.3
		/533.3	/533.7	/535.4	/537.4	/537.8	/539.3	/541.4
	POW0	**PIW0**	**PIW0**	**DI0**	**DI0**	**DI0**	**DI0**	**DI0**
	POW1	**PIW1**	**PIW1**	**DI1**	**DI1**	**DI1**	**DI1**	**DI1**
		PIW2	**PIW2**	**DI2**	**DI2**	**DI2**	**DI2**	**DI2**
		PIW3	**PIW3**	**DI3**	**DI3**	**DI3**	**DI3**	**DI3**
				DI4				
				DI5				
				DI6				
				DI7				
	1 9 2 10 11 12	1 9 2 10 5 11 6 12	1 9 2 10 5 11 6 12	1 2 3 4 5 6 7 8	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
	5 13 6 14 7 15 8 16	3 13 4 14 7 15 8 16	3 13 4 14 7 15 8 16	9 10 11 12 13 14 15 16	5 6 7 8	5 6 7 8	5 6 7 8	5 6 7 8
	L+ M	L+ M	L+ M		L+ M	L+ M	L+ M	L+ M
	-5.19L+ 501.5 / -5.L- 501.6	-5.1AL+ 501.5 / -5.L- 501.6	-5.1BL+ 501.5 / -5.L- 501.6		-AUX23 502.2 / -AUX01 502.5	-AUX24 502.2 / -AUX01 502.5	-AUX25 502.2 / -AUX01 502.5	-AUX26 502.2 / -AUX01 502.5
	9 13	17 21 19 23	25 29 27 31	2 3 4 5 6 7 8 9	14 14 14 14	14 14 1 3	5 7 13 11	13 15 17 19
	10 14	18 22 20 24	26 30 28 32		11 11 11 11	11 11 2 4	6 8 14 12	14 16 18 20
	+DRA01.A90-X102 / +DRA01.A90-X102	+DRA01.A90-X102 / +DRA01.A90-X102 / +DRA01.A90-X102 / +DRA01.A90-X102	+DRA01.A90-X102 / +DRA01.A90-X102 / +DRA01.A90-X102 / +DRA01.A90-X102	+DRA01.A90-X103 / +DRA01.A90-X103 / +DRA01.A90-X103 / +DRA01.A90-X103 / +DRA01.A90-X103 / +DRA01.A90-X103 / +DRA01.A90-X103 / +DRA01.A90-X103	+DRA01.A90-K10 / +DRA01.A90-K11 / +DRA01.A90-K12 / +DRA01.A90-K13	+DRA01.A90-K14 / +DRA01.A90-K15 / +DRA01.A90-X105 / +DRA01.A90-X105	+DRA01.A90-X105 / +DRA01.A90-X105 / +DRA01.A90-K100A / +DRA01.A90-X105	+DRA01.A90-X105 / +DRA01.A90-X105 / +DRA01.A90-X105 / +DRA01.A90-X105

6ES7193-6PA00-0AA0
Bus Terminating Module

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10
				Drawn	BUM					+ **DRA01.A90**
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201	Page **505**
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.			Follow 507

0	1	2	3	4	5	6	7	8	9

@/503.3
-A101

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO0

RQ0+ RQ0-
1 5

@/503.3
-A101

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO1

RQ1+ RQ1-
2 6

@/503.3
-A101

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO2

RQ2+ RQ2-
3 7

@/503.3
-A101

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO3

RQ3+ RQ3-
4 8

-X101 Ø1 Ø2 Ø3 Ø4 Ø5 Ø6 Ø7 Ø8

PANEL D
...

106/8 111/8 106/9 111/9 106/15 111/15

TURNING TABLE
CONTROL AVAILABLE

TURNING TABLE
CONTROL AVAILABLE

SPARE

MILL SCREWDOWN
CONTROL AVAILABLE

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10	
				Drawn	BUM					+ **DRA01.A90**	
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201	Page **507**
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.			Follow 509

@/503.3
-A102

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO0

RQ0+ RQ0-
1 5

@/503.3
-A102

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO1

RQ1+ RQ1-
2 6

@/503.3
-A102

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO2

RQ2+ RQ2-
3 7

@/503.3
-A102

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO3

RQ3+ RQ3-
4 8

-X101 ⌀9 ⌀10 ⌀11 ⌀12 ⌀13 ⌀14 ⌀15 ⌀16

PANEL D
...

P27 ... P11403 ...
P27 ... P11404 ...
P27 ... P11405 ...
P27 ... P11406 ...

REF. 3663E-393

MILL SCREWDOWN 1
HEALTHY

REF. 3663E-393

MILL SCREWDOWN 2
HEALTHY

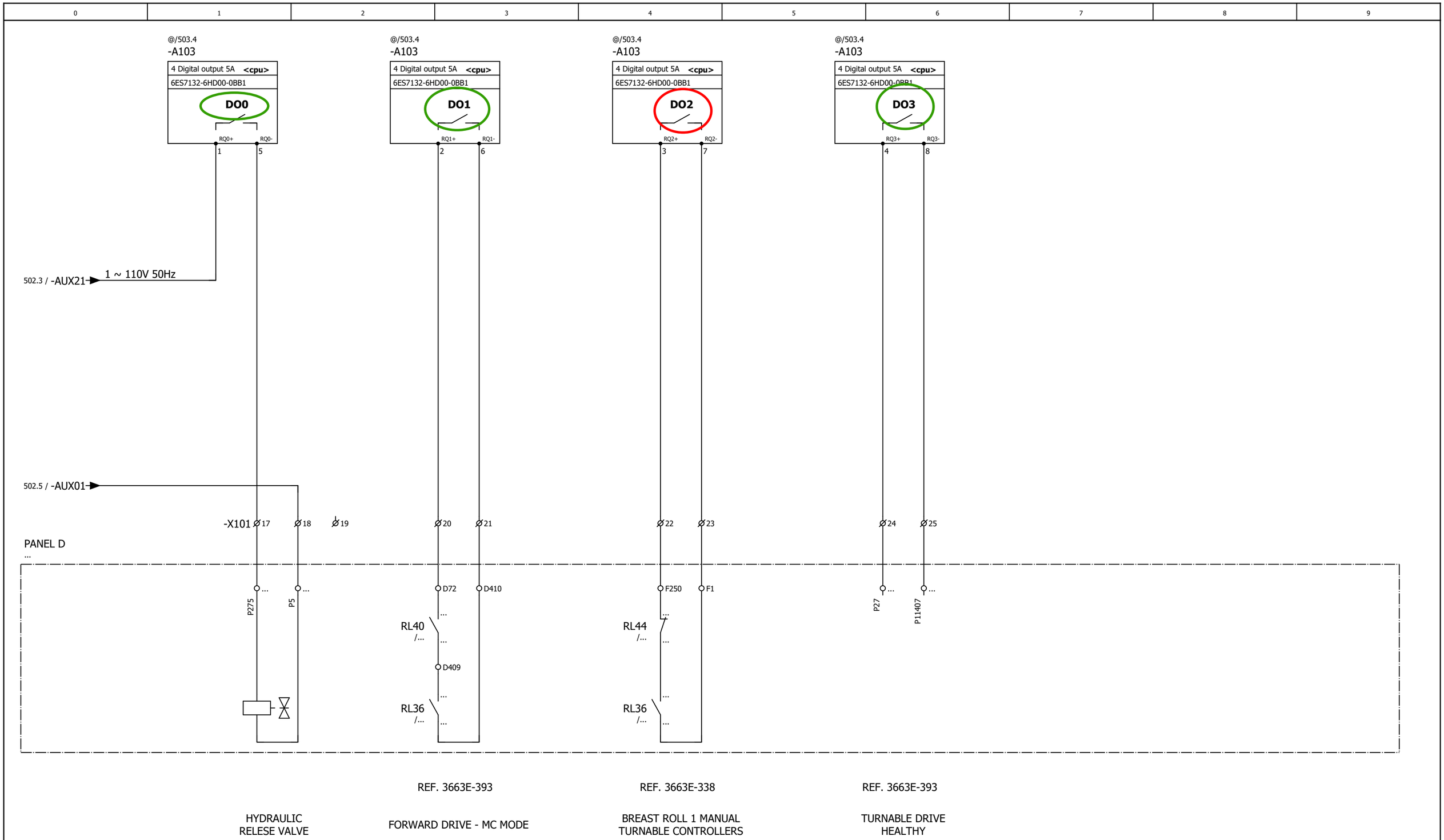
REF. 3663E-393

EDGER SCREWDOWN 1
HEALTHY

REF. 3663E-393

EDGER SCREWDOWN 2
HEALTHY

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10
				Drawn	BUM					+ **DRA01.A90**
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.		Page **509** / Follow 511



01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10
				Drawn	BUM					+ **DRA01.A90**
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.		Page **511** Follow 513

@/503.5
-A104

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO0

RQ0+ RQ0-
1 5

@/503.5
-A104

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO1

RQ1+ RQ1-
2 6

@/503.5
-A104

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO2

RQ2+ RQ2-
3 7

@/503.5
-A104

4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1

DO3

RQ3+ RQ3-
4 8

-X101 Ø26 Ø27 Ø28 Ø29 Ø30 Ø31 Ø32 Ø33

PANEL D
...

... ... 104

P27 P11410 P27 P11411

REF. 3663E-393

TURNABLE DRIVE
HEALTY

REF. 3663E-393

OLD AUX LINE 24Vdc

REF. 3663E-402

RL8 AUTO RELAY

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10
				Drawn	BUM					+ **DRA01.A90**
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.		Page **513** Follow 515

@/503.6
-A105
4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1
DO0
RQ0+ RQ0-
1 5

@/503.6
-A105
4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1
DO1
RQ1+ RQ1-
2 6

@/503.6
-A105
4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1
DO2
RQ2+ RQ2-
3 7

@/503.6
-A105
4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1
DO3
RQ3+ RQ3-
4 8

-X101 34 35 36 37 38 39 40 41

...

500 501 502 503 505

MARAS
...

+M03-X22 24 193 203 213 223

+24VDC

ALL INMPUTS FROM =PM.D1+M03.X22-N71

REF. 3663E-393

REF. 3663E-402

501 - UP LIMIT

502 - DOWN LIMIT

503 - SLOWDOWN LIMIT

505 CONTROL AVAILABLE

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10	
				Drawn	BUM					+ **DRA01.A90**	
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201	Page **515**
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.			Follow 517

@/503.6
-A106
4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1
DO0
RQ0+ RQ0-
1 5

@/503.6
-A106
4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1
DO1
RQ1+ RQ1-
2 6

@/503.6
-A106
4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1
DO2
RQ2+ RQ2-
3 7

@/503.6
-A106
4 Digital output 5A **<cpu>**
6ES7132-6HD00-0BB1
DO3
RQ3+ RQ3-
4 8

-X101 Ø42 Ø43 Ø44 Ø45 Ø46 Ø47 Ø48 Ø49

...

504 504A

MARAS
...

=PM_V4+M01_X82 1 3

+24VDC

ALL INMPUTS FROM =PM.D1+M03.X22-N71

504A - EMERGENCY STOP

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10	
				Drawn	BUM					+ **DRA01.A90**	
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201	Page **517**
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.			Follow 531

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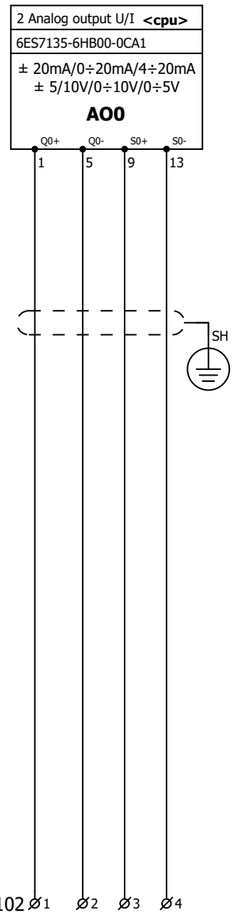
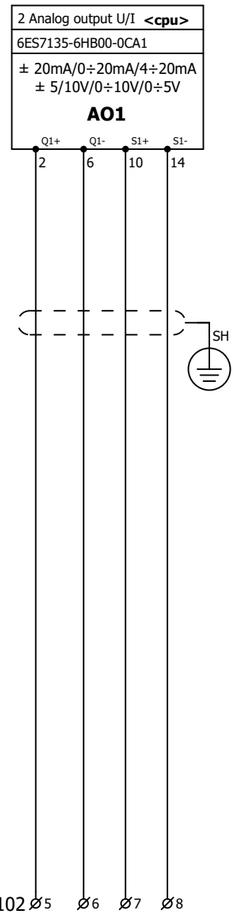
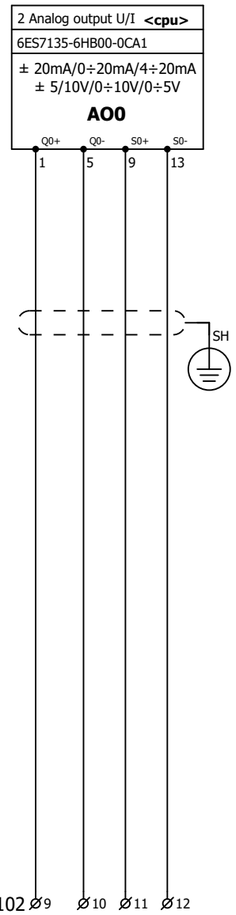
@/503.7
-A107



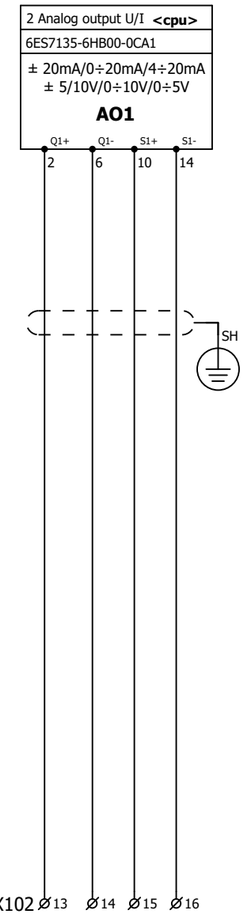
@/503.7
-A107



@/505.1
-A108



@/505.1
-A108



=...
...

SPARE

SPARE

SPARE

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC		DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10
				Drawn	BUM						+ **DRA01.A90**
				Check	GRM					Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201
Rev.	Descript.	Date	Name	Original			Replaced by	Replaced by	Descript.		Page **531** Follow 533

0	1	2	3	4	5	6	7	8	9

@/505.2
-A109

2 Analog input **<cpu>**
6ES7134-6HB00-0CA1
± 20mA/0÷20mA/4÷20mA ± 5/10V/0÷10V/0÷5V **AI0**

U0+ U0- I0+ I0-
1 3 5 7

SH

@/505.2
-A109

2 Analog input **<cpu>**
6ES7134-6HB00-0CA1
± 20mA/0÷20mA/4÷20mA ± 5/10V/0÷10V/0÷5V **AI1**

U1+ U1- I1+ I1-
2 4 6 8

SH

@/505.3
-A110

2 Analog input **<cpu>**
6ES7134-6HB00-0CA1
± 20mA/0÷20mA/4÷20mA ± 5/10V/0÷10V/0÷5V **AI0**

U0+ U0- I0+ I0-
1 3 5 7

SH

@/505.3
-A110

2 Analog input **<cpu>**
6ES7134-6HB00-0CA1
± 20mA/0÷20mA/4÷20mA ± 5/10V/0÷10V/0÷5V **AI1**

U1+ U1- I1+ I1-
2 4 6 8

SH

-X102 Ø17 Ø18 Ø19 Ø20

-X102 Ø21 Ø22 Ø23 Ø24

-X102 Ø25 Ø26 Ø27 Ø28

-X102 Ø29 Ø30 Ø31 Ø32

=...
...

9 511

MORAS
...

=PM.A0+M01.X41 4 3

±10V

SPEED REFERENCE
=PM.A0+M01.X41-N13

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10
				Drawn	BUM					+ **DRA01.A90**
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201	Page **533**
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.			Follow 535

@/505.3
-A111
8 Digital input 24Vdc **<cpu>**
6ES7131-6BF00-0CA0
DI0 DI 1

@/505.3
-A111
8 Digital input 24Vdc **<cpu>**
6ES7131-6BF00-0CA0
DI1 DI 2

@/505.3
-A111
8 Digital input 24Vdc **<cpu>**
6ES7131-6BF00-0CA0
DI2 DI 3

@/505.3
-A111
8 Digital input 24Vdc **<cpu>**
6ES7131-6BF00-0CA0
DI3 DI 4

@/505.3
-A111
8 Digital input 24Vdc **<cpu>**
6ES7131-6BF00-0CA0
DI4 DI 5

@/505.3
-A111
8 Digital input 24Vdc **<cpu>**
6ES7131-6BF00-0CA0
DI5 DI 6

@/505.3
-A111
8 Digital input 24Vdc **<cpu>**
6ES7131-6BF00-0CA0
DI6 DI 7

@/505.3
-A111
8 Digital input 24Vdc **<cpu>**
6ES7131-6BF00-0CA0
DI7 DI 8

501.5 / -5.18L+ 24V DC

-X103 1 2 3 4 5 6 7 8 9

MARAS
...

+M04 -X82 32
+M04 -X11 153
173
133
163

-U15 -U17 -U13 -U16

ALL INMPUTS FROM =PM.DO+M04.X11-N12

506 - ENABLEE
507 - CAL MODE
509 - DRIVE ENABLE
510 - CLUTCH

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				Drawn	BUM					+ **DRA01.A90**
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.		Page **535** / Follow 537

@/505.4
-A112
4 DI 120÷230Vac <cpu>
6ES7131-6FD01-0BB1
DI0
DI L1
1 5
-K10 /537.1
12 14
11

@/505.4
-A112
4 DI 120÷230Vac <cpu>
6ES7131-6FD01-0BB1
DI1
DI L1
2 6
-K11 /537.2
12 14
11

@/505.4
-A112
4 DI 120÷230Vac <cpu>
6ES7131-6FD01-0BB1
DI2
DI L1
3 7
-K12 /537.3
12 14
11

@/505.4
-A112
4 DI 120÷230Vac <cpu>
6ES7131-6FD01-0BB1
DI3
DI L1
4 8
-K13 /537.4
12 14
11

@/505.5
-A113
4 DI 120÷230Vac <cpu>
6ES7131-6FD01-0BB1
DI0
DI L1
1 5
-K14 /537.6
12 14
11

@/505.5
-A113
4 DI 120÷230Vac <cpu>
6ES7131-6FD01-0BB1
DI1
DI L1
2 6
-K15 /537.7
12 14
11

@/505.5
-A113
4 DI 120÷230Vac <cpu>
6ES7131-6FD01-0BB1
DI2
DI L1
3 7

@/505.5
-A113
4 DI 120÷230Vac <cpu>
6ES7131-6FD01-0BB1
DI3
DI L1
4 8

-X105 1 2 3 4

=...
...

-LSB AS LSA 1 126
-LSC AS LSA 127
-LSA N/C OPENS ON OPERATION
-LSA-1 N/C OPENS ON OPERATION 125
-LSA SCREW LIMIT 1
-L/S
-L/S SCREW LIMIT 2 270
-LSB
-L/S 271

48 48A
R3/SDC/1
MILL SCREWDOWN CONTROL

56 56A
R3/TC/1
TURNABLE CONTROL

-X104 1 2 3 4 5 6 7 8 9 10

502.3 / -AUX21 1 ~ 110V 50Hz
502.5 / -AUX01

-K10 A1 A2
-K11 A1 A2
-K12 A1 A2
-K13 A1 A2
-K14 A1 A2
-K15 A1 A2
-K16 A1 A2
-K17 A1 A2

SCH.PT270615
14 11 /537.1
12
44 41
42
MILL SCREWDOWN DOWN LIMIT REACHED

SCH.PT270615
14 11 /537.2
12
44 41
42
MILL SCREWDOWN SLOWDOWN LIMIT

SCH.PT270615
14 11 /537.3
12
44 41
42
EDGER SCREWDOWN OUT LIMIT REACHED

SCH.PT270615
14 11 /537.4
12
44 41
42
SPARE

SCH.PT270615
14 11 /537.5
12
44 41
42
EDGER SCREWDOWN OUT-LIMIT REACHED

SCH.PT270615
14 11 /537.6
12
44 41
42
EDGER SCREWDOWN IN LIMIT REACHED

SCH.PT270615
14 11
12
44 41
42
SPARE

SCH.PT270615
14 11
12
44 41
42
SPARE

01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10
				Drawn	BUM					+ **DRA01.A90**
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.		Page **537** / Follow 539

@/505.6
-A114
4 DI 120÷230Vac **<cpu>**
6ES7131-6FD01-0BB1
DI0
DI L1
1 5

@/505.6
-A114
4 DI 120÷230Vac **<cpu>**
6ES7131-6FD01-0BB1
DI1
DI L1
2 6

@/505.6
-A114
4 DI 120÷230Vac **<cpu>**
6ES7131-6FD01-0BB1
DI2
DI L1
3 7

@/505.6
-A114
4 DI 120÷230Vac **<cpu>**
6ES7131-6FD01-0BB1
DI3
DI L1
4 8

-K100A /539.7 13 14
-K100 /539.6 13 14

-X105 ø5 ø6 ø7 ø8 ø9 ø10 ø11 ø12

=...
...

WIRE 719
D300 SPARE

WIRE 719
D301 SPARE

MILL EMERGENCY STOP

SPARE

-Kxxx /... ... ...
61 58

-X135 ø1 ø2

502.2 / -AUX26 ← 1 ~ 110V 50Hz

-K100 A1 A2
-K100A A1 A2

502.5 / -AUX01 ←

SIE.3RH2131-1AF00
13 14 /539.2
21 22
33 34
43 44

SIE.3RH2131-1AF00
13 14 /539.2
21 22
33 34
43 44

MILL EMERGENCY STOP MILL EMERGENCY STOP

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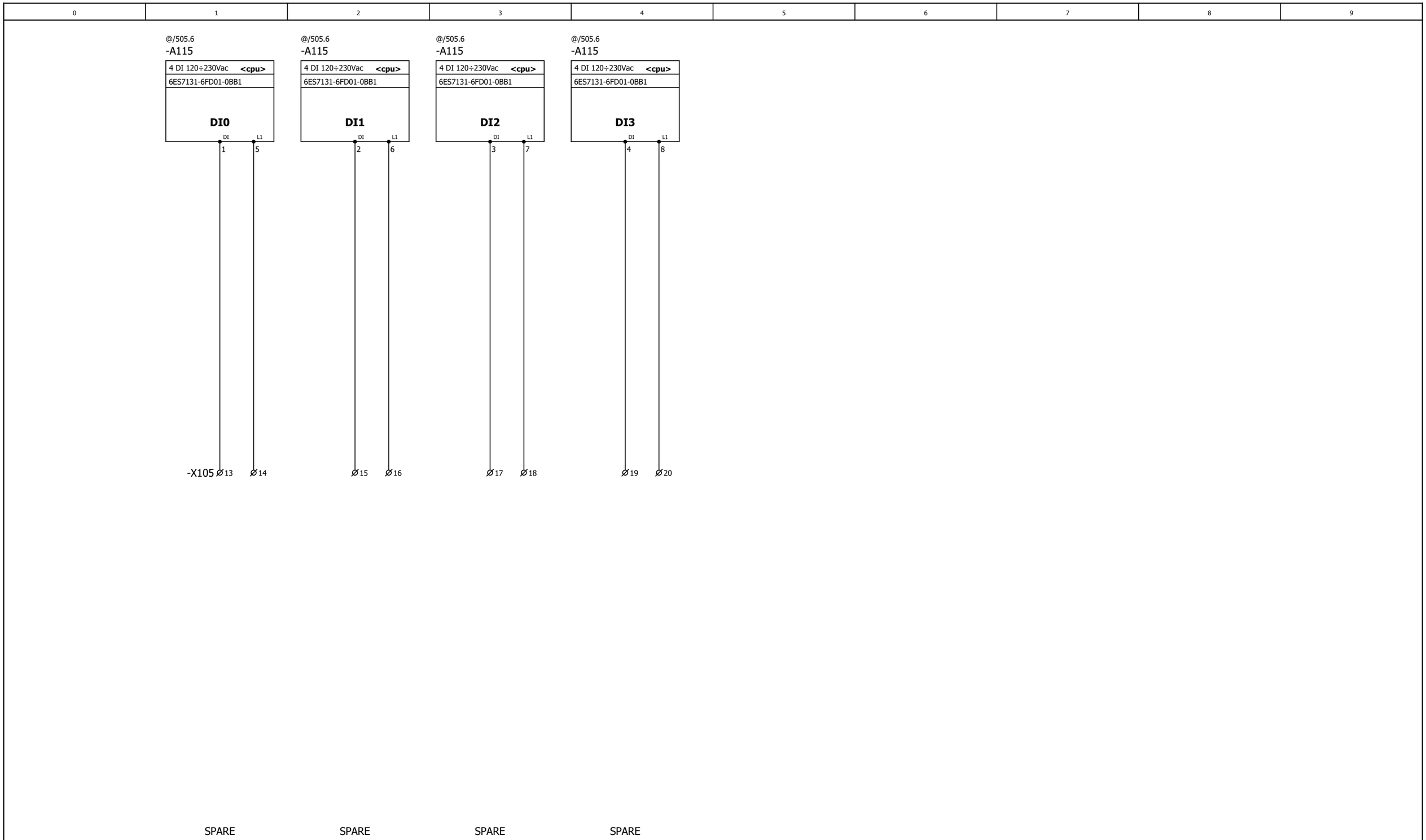
				Drawn	BUM					+ **DRA01.A90**	
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201	Page **539**
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.			Follow 541



01	For Manufact.	11-10-24	BUM	Date	09-09-24	ARCONIC	DANIELI AUTOMATION	REM I/O	HOT MILL AUXILIARY AC DRIVES	= MD01E10	
				Drawn	BUM					+ **DRA01.A90**	
				Check	GRM				Job Nr. APC7V9A	Dwg.Nr. QPC7V9-MD01-E9500-ED201	Page **541**
Rev.	Descript.	Date	Name	Original		Replaced by	Replaced by	Descript.			Follow =MOTORS+/1001