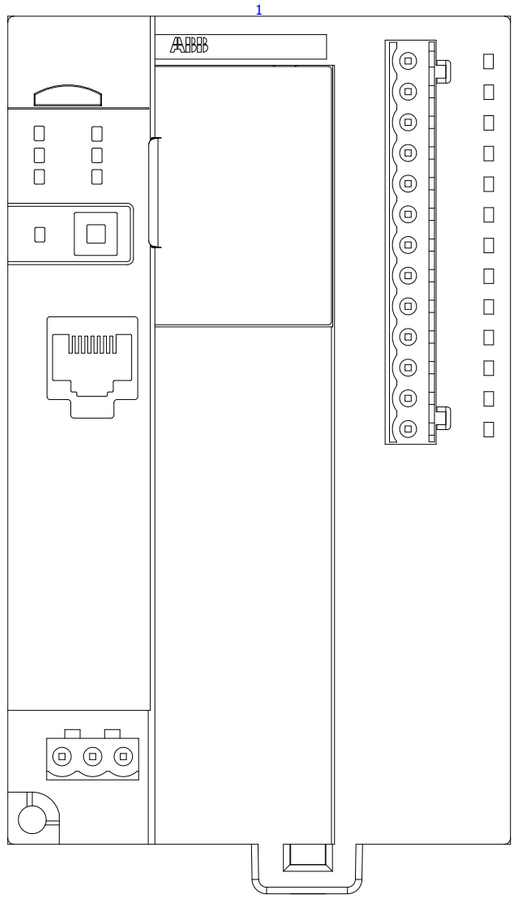
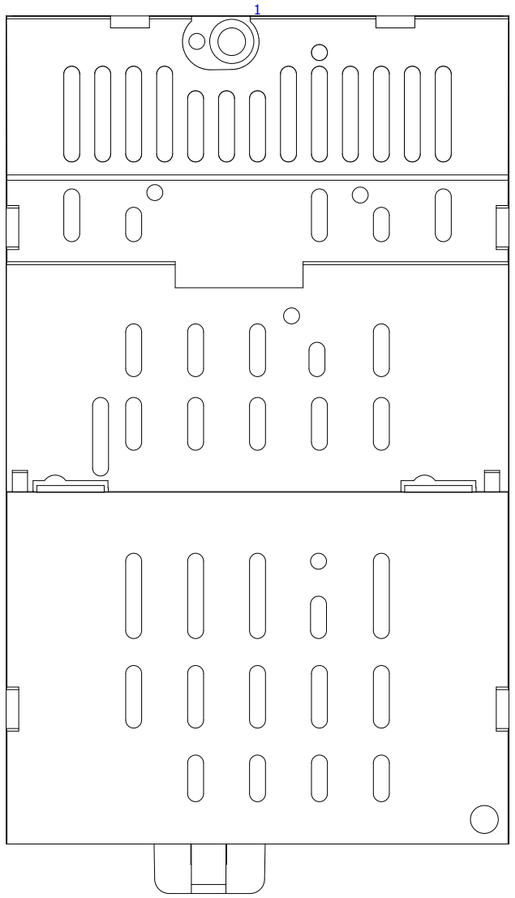
-A1
ABB.1SAP122600R0072
PM5012-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-T-ETH
	Replacement of / Replaced by		Page 2D_a
			Page 1 / 194

M2

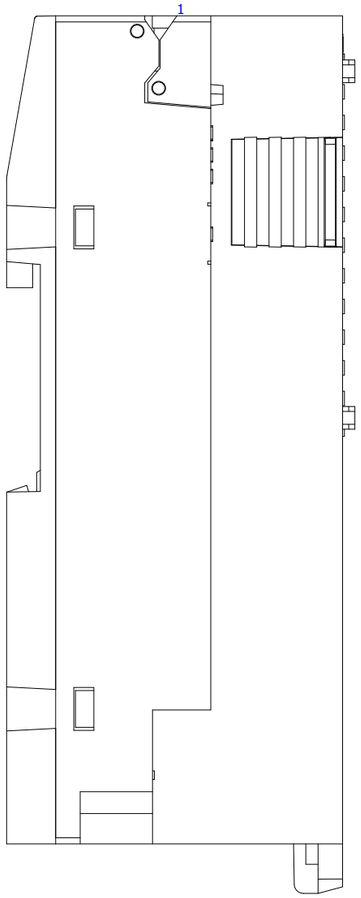
-A2
ABB.1SAP122600R0072
PM5012-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ PM5012-T-ETH
		86153 Augsburg, Germany	Page 2D_b
	Replacement of / Replaced by		Page 2 / 194

M2

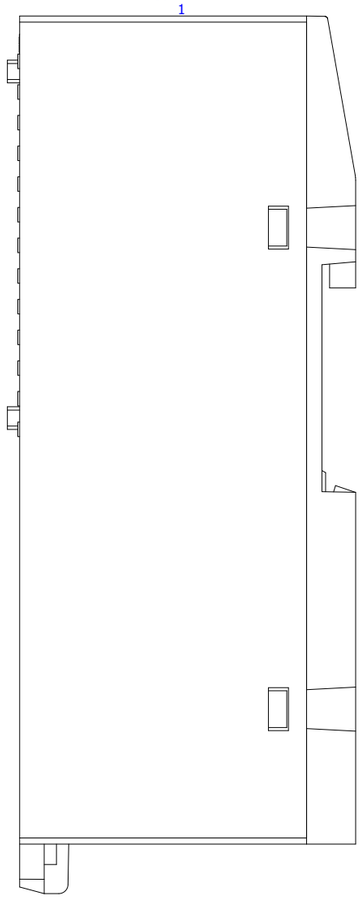
-A3
ABB.1SAP122600R0072
PM5012-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-T-ETH
	Replacement of / Replaced by		Page 2D_c
			Page 3 / 194

M2

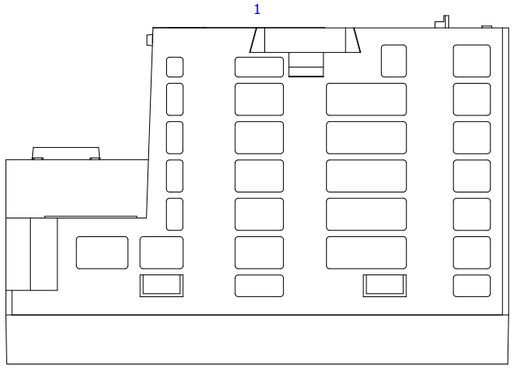
-A4
ABB.1SAP122600R0072
PM5012-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-T-ETH
	Replacement of / Replaced by		Page 2D_d
			Page 4 / 194

M2

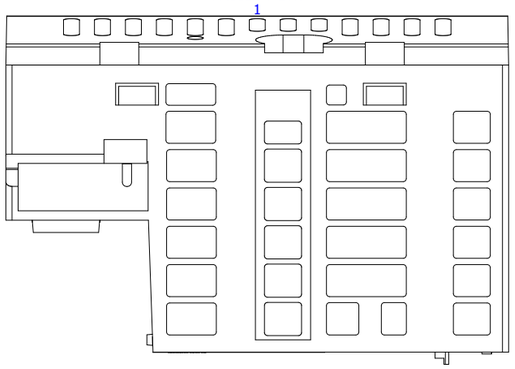
-A5
ABB.1SAP122600R0072
PM5012-T-ETH
1



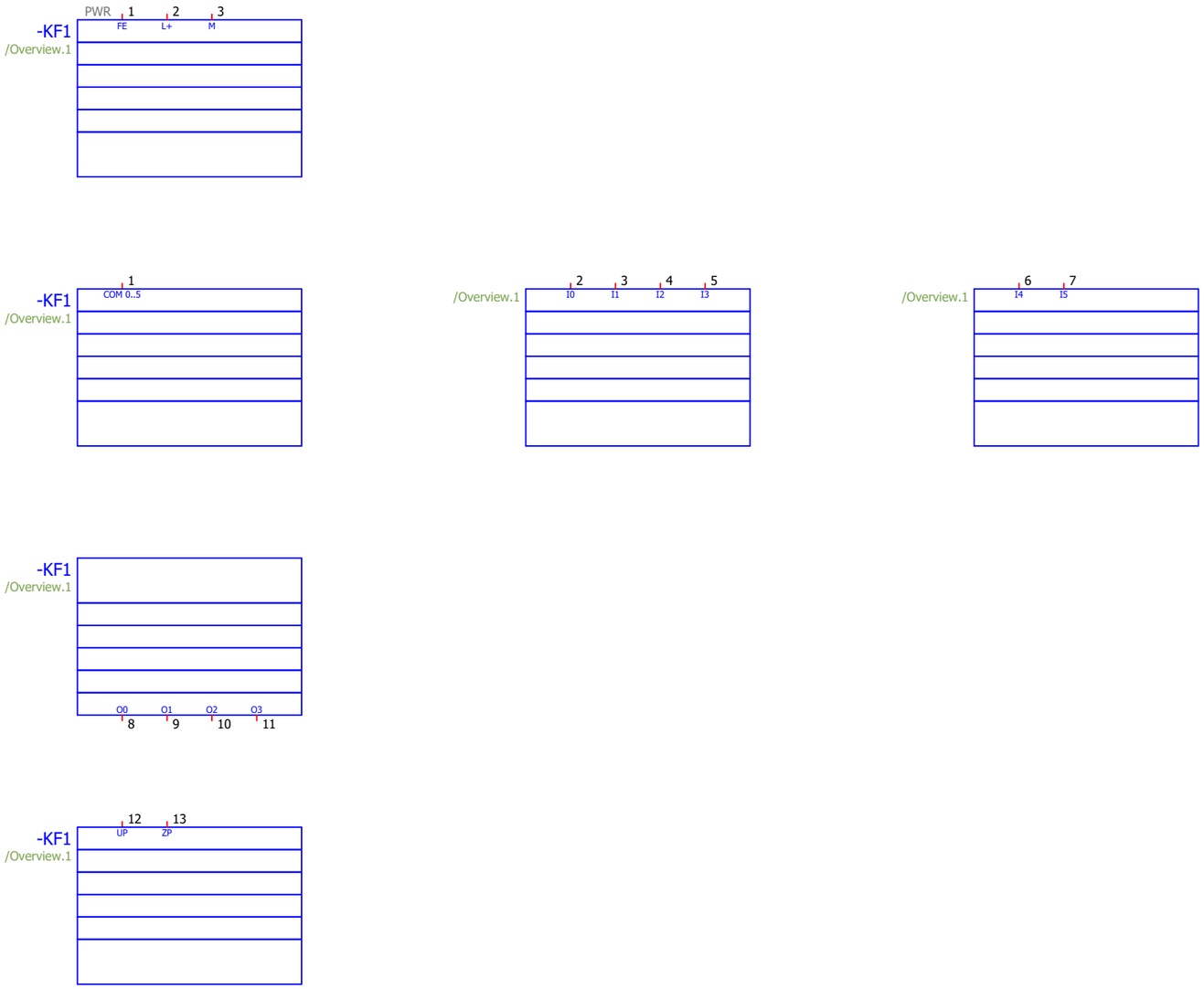
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-T-ETH
			Page 2D_e
	Replacement of / Replaced by		Page 5 / 194

M2

-A6
ABB.1SAP122600R0072
PM5012-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-T-ETH
	Replacement of / Replaced by		Page 2D_f
			Page 6 / 194



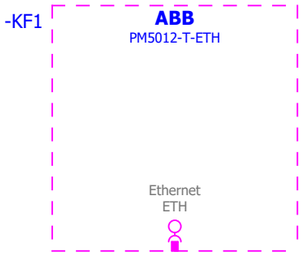
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-T-ETH
	Replacement of / Replaced by		Page Multi-line
			Page 7 / 194

-KF1

ABB
PM5012-T-ETH

		PWR:1 FE	/Multi-line.0
		PWR:2 L+	/Multi-line.1
		PWR:3 M	/Multi-line.1
1		1 COM 0..5	/Multi-line.0
1		2 I0	/Multi-line.2
1		3 I1	/Multi-line.2
1		4 I2	/Multi-line.3
1		5 I3	/Multi-line.3
1		6 I4	/Multi-line.4
1		7 I5	/Multi-line.4
1		8 O0	/Multi-line.0
1		9 O1	/Multi-line.1
1		10 O2	/Multi-line.1
1		11 O3	/Multi-line.1
1		12 UP	/Multi-line.0
1		13 ZP	/Multi-line.1
		ETH:	/Single-line.1

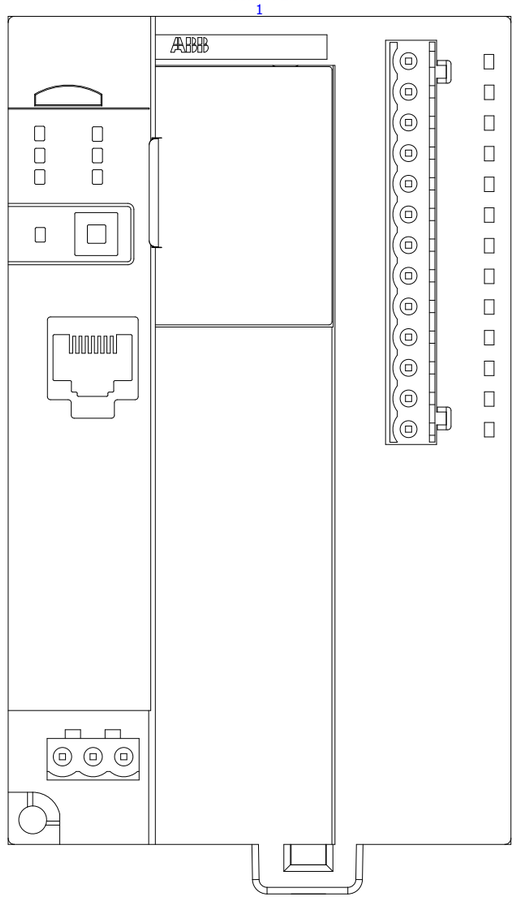
16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ PM5012-T-ETH
			Page Overview
	Replacement of / Replaced by		Page 8 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ PM5012-T-ETH
			Page Single-line
	Replacement of / Replaced by		Page 9 / 194

M2

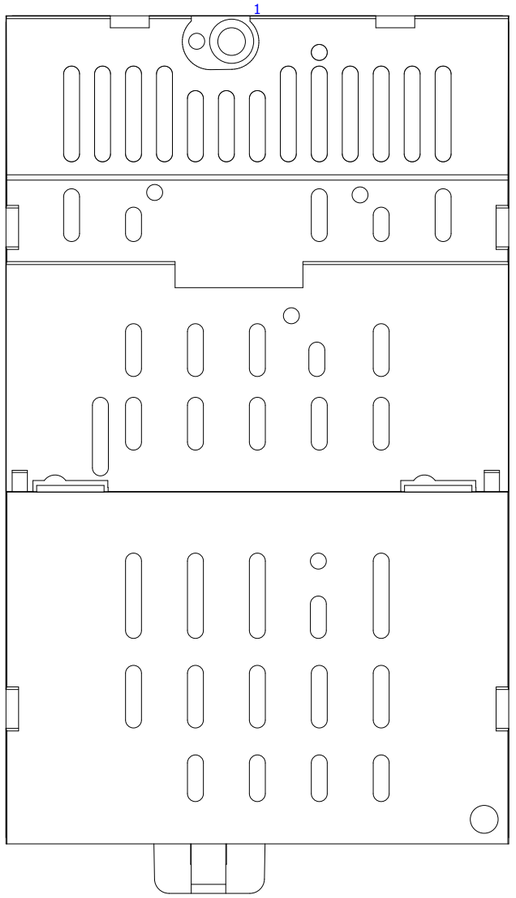
-A1
ABB.1SAP122700R0072
PM5012-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-R-ETH
			Page 2D_a
	Replacement of / Replaced by		Page 10 / 194

M2

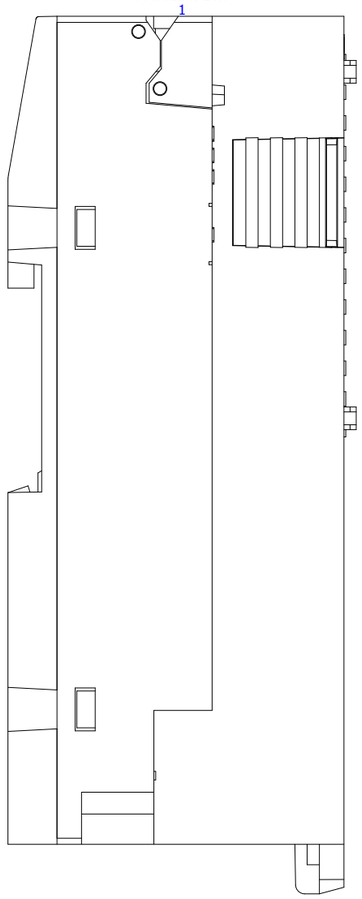
-A2
ABB.1SAP122700R0072
PM5012-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-R-ETH
	Replacement of / Replaced by		Page 2D_b
			Page 11 / 194

M2

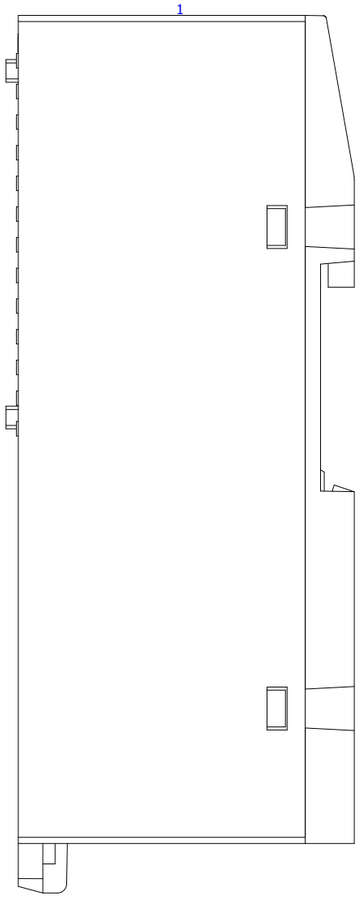
-A3
ABB.1SAP122700R0072
PM5012-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-R-ETH
	Replacement of / Replaced by		Page 2D_c
			Page 12 / 194

M2

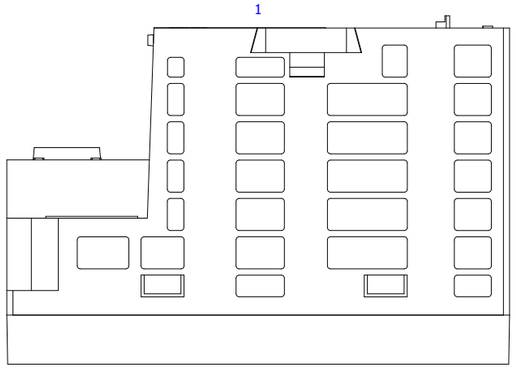
-A4
ABB.1SAP122700R0072
PM5012-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-R-ETH
	Replacement of / Replaced by		Page 2D_d
			Page 13 / 194

M2

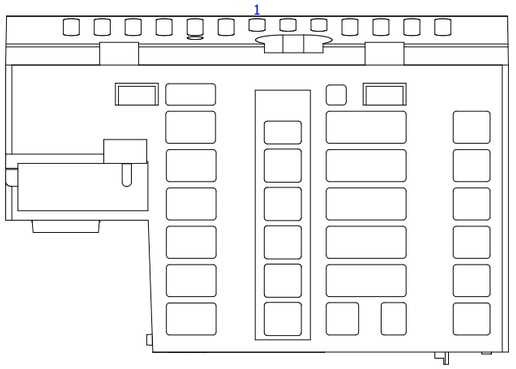
-A5
ABB.1SAP122700R0072
PM5012-R-ETH
1



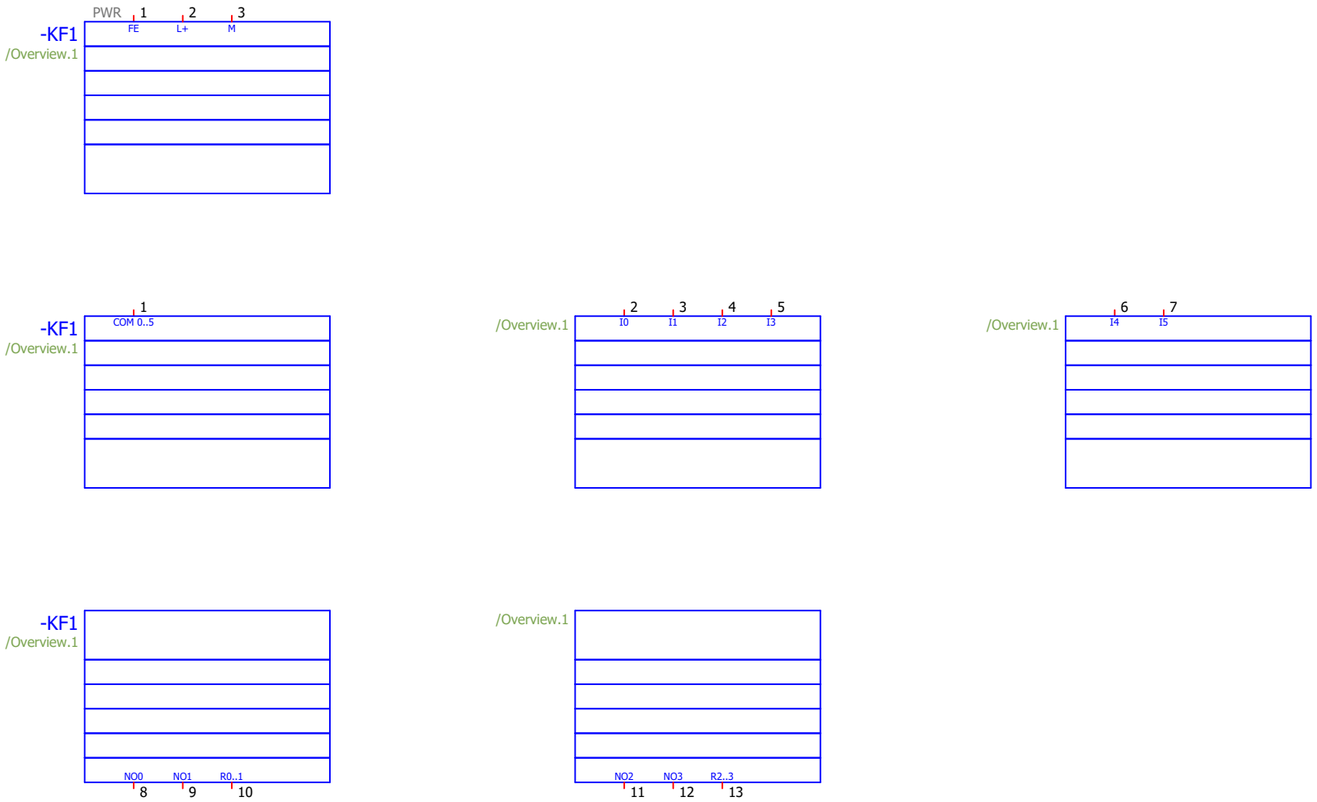
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-R-ETH
	Replacement of / Replaced by		Page 2D_e
			Page 14 / 194

M2

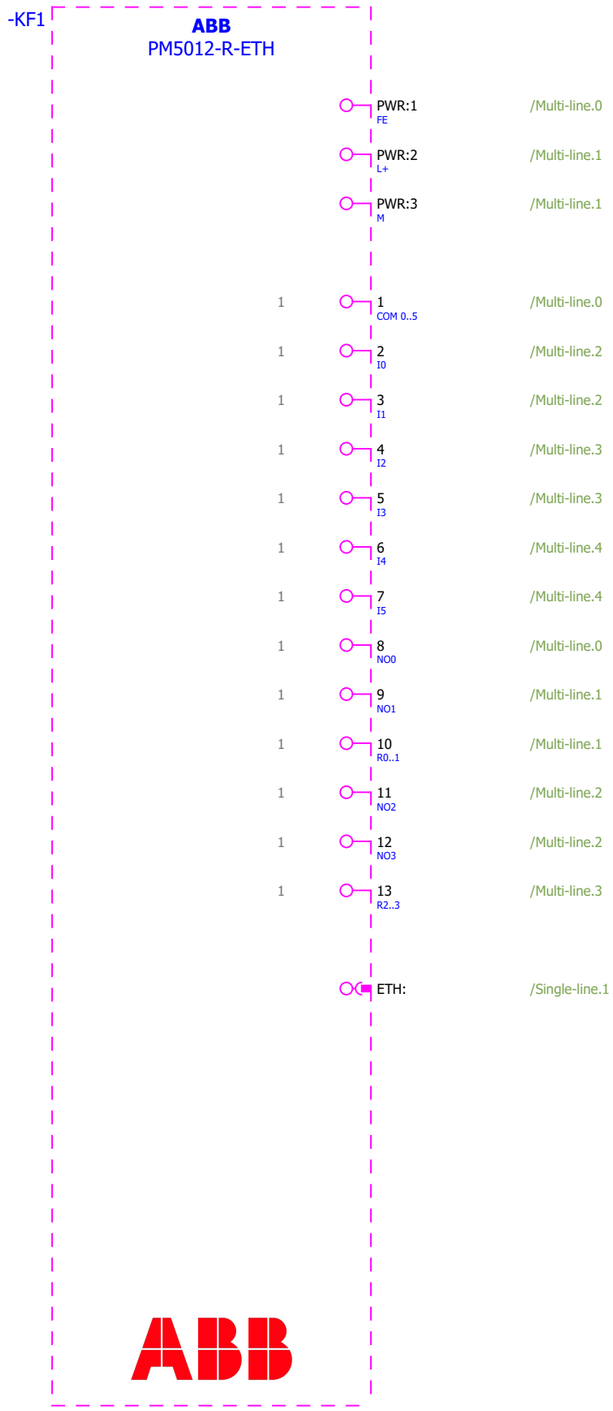
-A6
ABB.1SAP122700R0072
PM5012-R-ETH
1



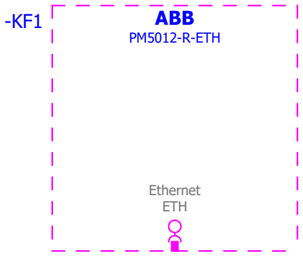
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-R-ETH
			Page 2D_f
	Replacement of / Replaced by		Page 15 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-R-ETH
	Replacement of / Replaced by		Page Multi-line
			Page 16 / 194



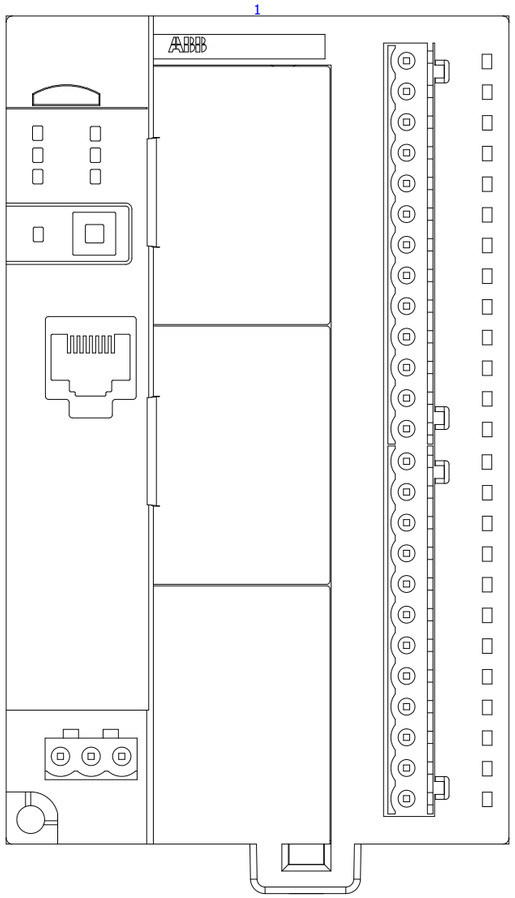
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-R-ETH
	Replacement of / Replaced by		Page Overview
			Page 17 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5012-R-ETH
			Page Single-line
	Replacement of / Replaced by		Page 18 / 194

M2

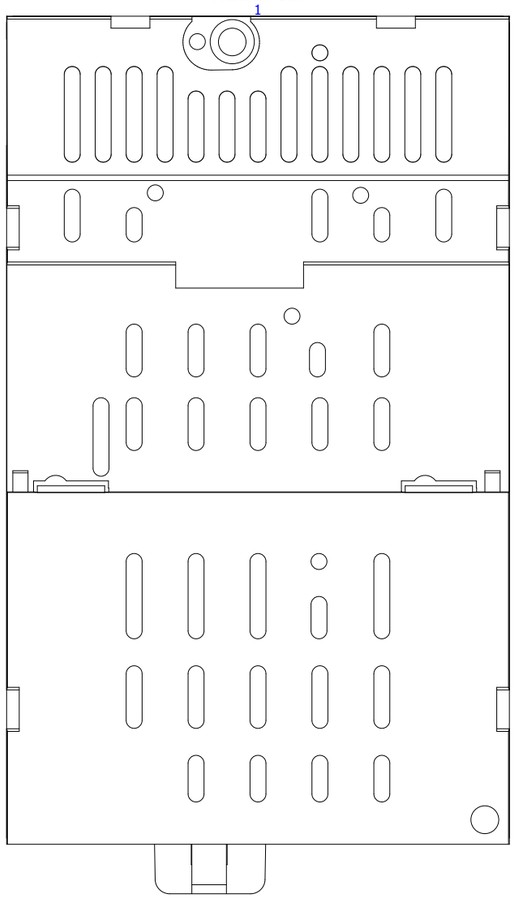
-A1
ABB.1SAP123400R0072
PM5032-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ PM5032-T-ETH
	Replacement of / Replaced by		Page 2D_a
			Page 19 / 194

M2

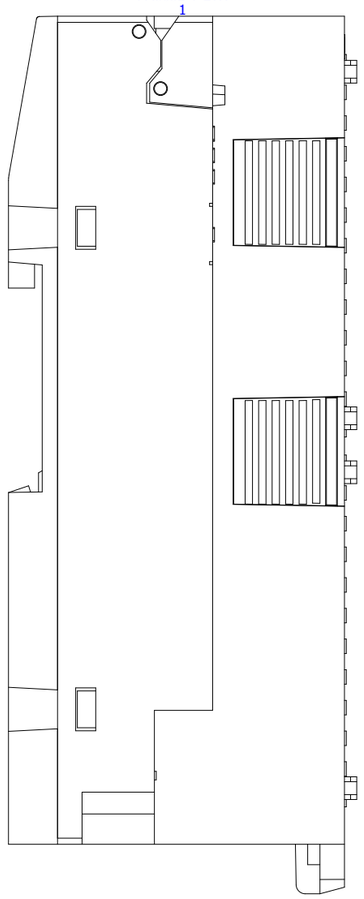
-A2
ABB.1SAP123400R0072
PM5032-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ PM5032-T-ETH
		86153 Augsburg, Germany	Page 2D_b
	Replacement of / Replaced by		Page 20 / 194

M2

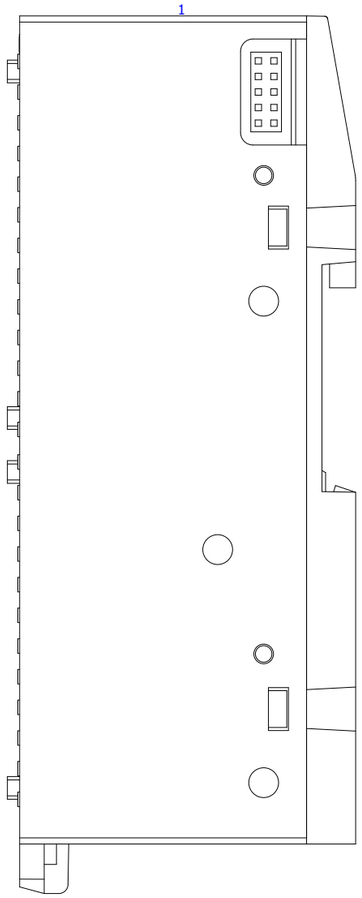
-A3
ABB.1SAP123400R0072
PM5032-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-T-ETH
	Replacement of / Replaced by		Page 2D_c
			Page 21 / 194

M2

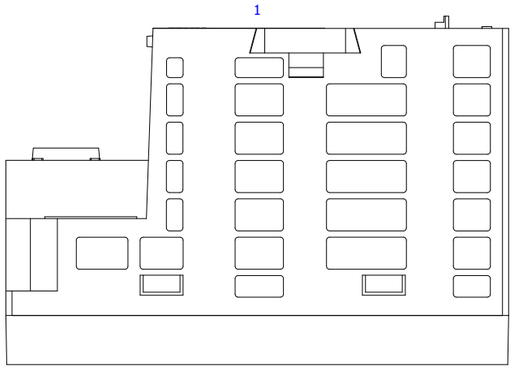
-A4
ABB.1SAP123400R0072
PM5032-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-T-ETH
	Replacement of / Replaced by		Page 2D_d
			Page 22 / 194

M2

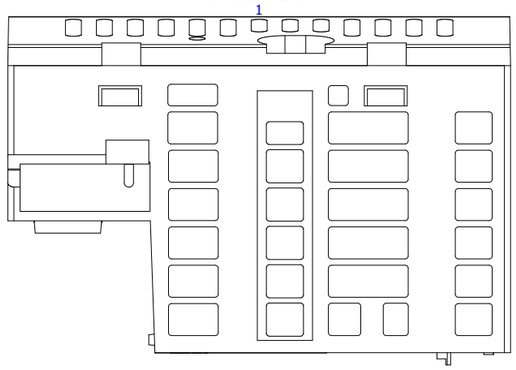
-A5
ABB.1SAP123400R0072
PM5032-T-ETH
1



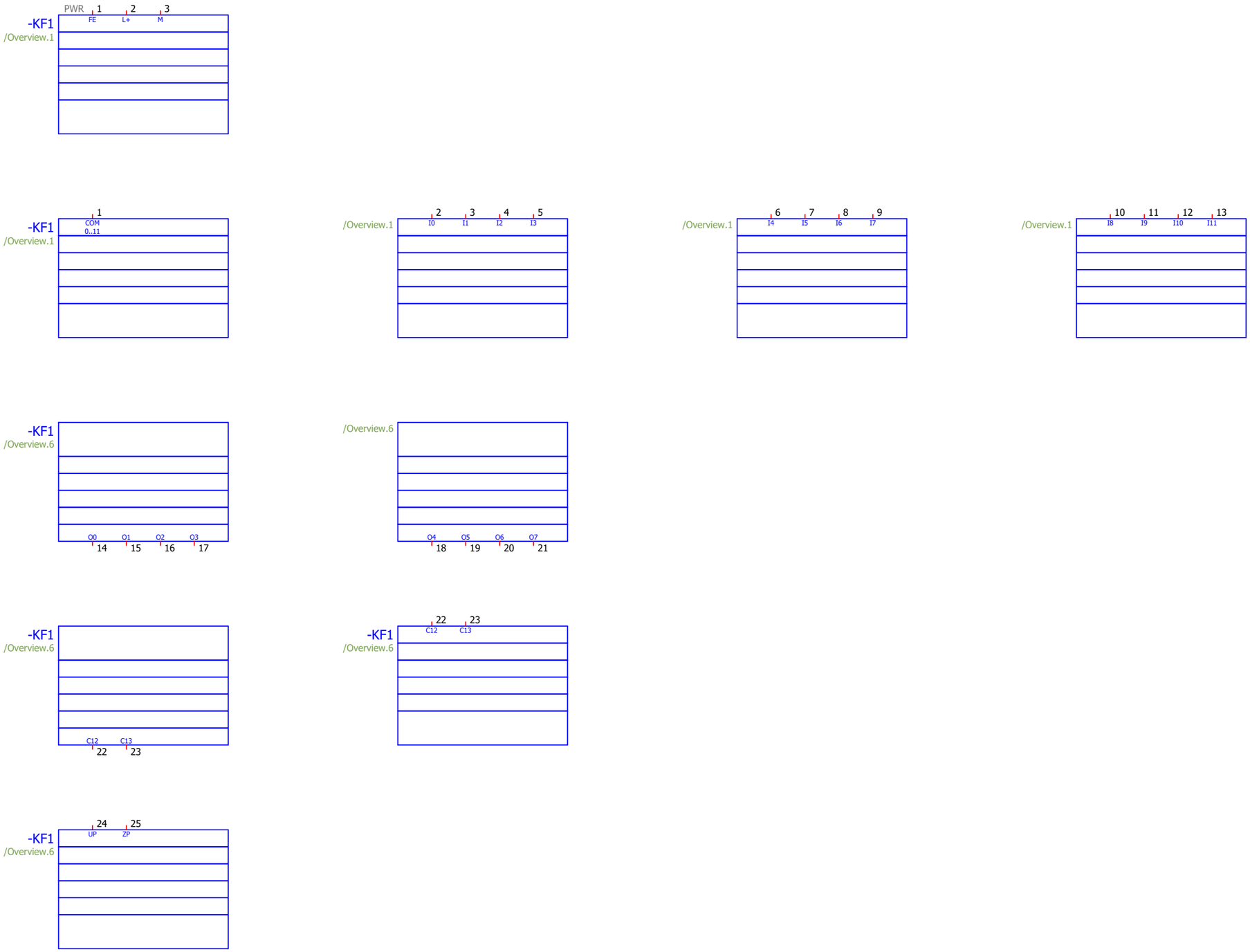
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-T-ETH
			Page 2D_e
	Replacement of / Replaced by		Page 23 / 194

M2

-A6
ABB.1SAP123400R0072
PM5032-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-T-ETH
	Replacement of / Replaced by		Page 2D_f
			Page 24 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-T-ETH
	Replacement of / Replaced by		Page Multi-line
			Page 25 / 194

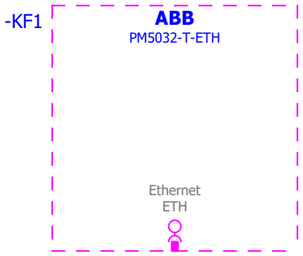
-KF1

ABB
PM5032-T-ETH

		PWR:1 FE	/Multi-line.0
		PWR:2 L+	/Multi-line.1
		PWR:3 M	/Multi-line.1
1		1 COM 0..11	/Multi-line.0
1		2 I0	/Multi-line.2
1		3 I1	/Multi-line.2
1		4 I2	/Multi-line.3
1		5 I3	/Multi-line.3
1		6 I4	/Multi-line.4
1		7 I5	/Multi-line.4
1		8 I6	/Multi-line.5
1		9 I7	/Multi-line.5
1		10 I8	/Multi-line.6
1		11 I9	/Multi-line.6
1		12 I10	/Multi-line.6
1		13 I11	/Multi-line.7

ABB
PM5032-T-ETH

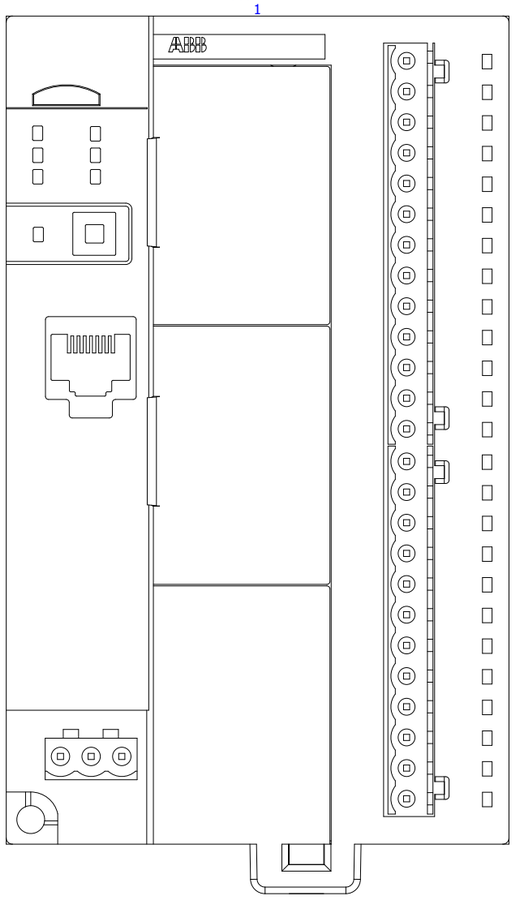
1		14 O0	/Multi-line.0
1		15 O1	/Multi-line.1
1		16 O2	/Multi-line.1
1		17 O3	/Multi-line.1
1		18 O4	/Multi-line.2
1		19 O5	/Multi-line.2
1		20 O6	/Multi-line.3
1		21 O7	/Multi-line.3
1		22 C12	/Multi-line.0 /Multi-line.2
1		23 C13	/Multi-line.1 /Multi-line.2
1		24 UP	/Multi-line.0
1		25 ZP	/Multi-line.1
		ETH:	/Single-line.1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-T-ETH
			Page Single-line
	Replacement of / Replaced by		Page 27 / 194

M2

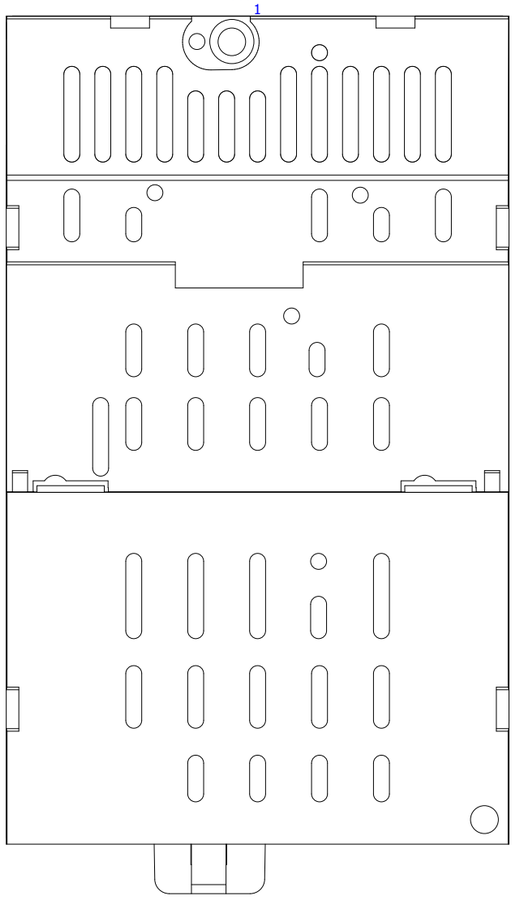
-A1
ABB.1SAP123500R0072
PM5032-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ PM5032-R-ETH
	Replacement of / Replaced by	86153 Augsburg, Germany	Page 2D_a
			Page 28 / 194

M2

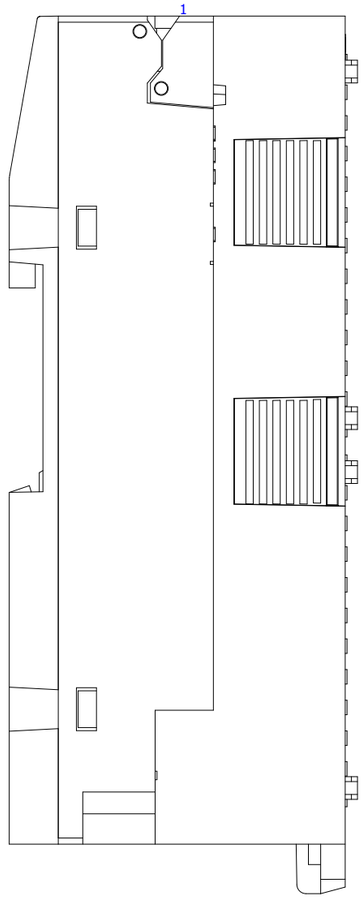
-A2
ABB.1SAP123500R0072
PM5032-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ PM5032-R-ETH
		86153 Augsburg, Germany	Page 2D_b
	Replacement of / Replaced by		Page 29 / 194

M2

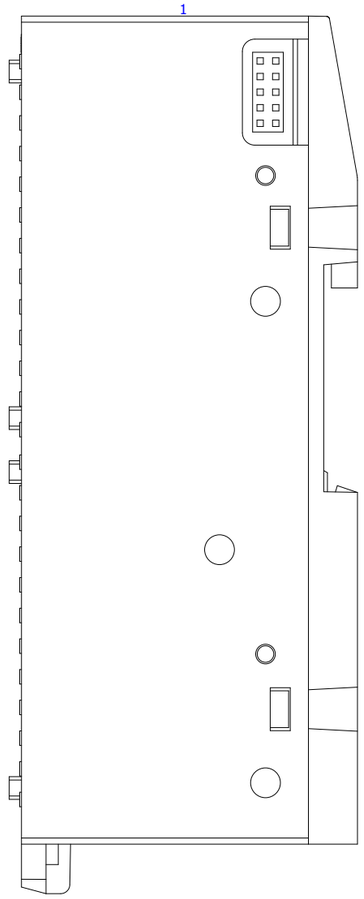
-A3
ABB.1SAP123500R0072
PM5032-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-R-ETH
	Replacement of / Replaced by		Page 2D_c
			Page 30 / 194

M2

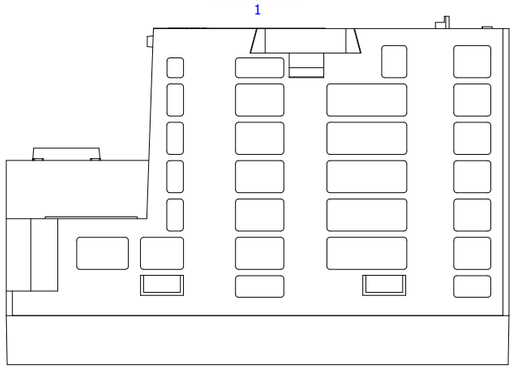
-A4
ABB.1SAP123500R0072
PM5032-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ PM5032-R-ETH
		86153 Augsburg, Germany	Page 2D_d
	Replacement of / Replaced by		Page 31 / 194

M2

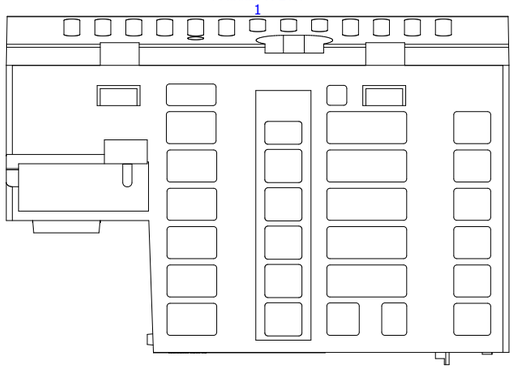
-A5
ABB.1SAP123500R0072
PM5032-R-ETH
1



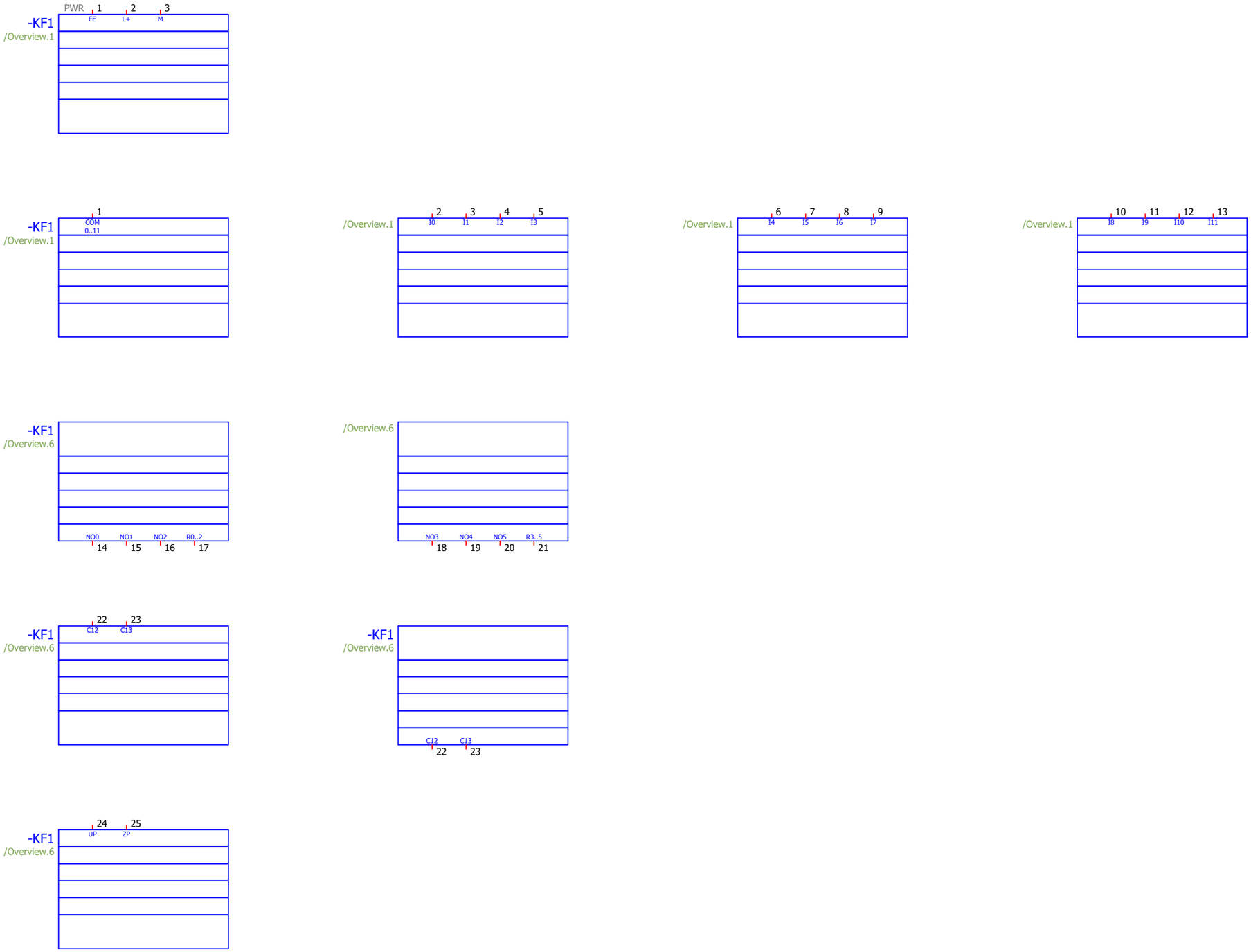
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-R-ETH
	Replacement of / Replaced by		Page 2D_e
			Page 32 / 194

M2

-A6
ABB.1SAP123500R0072
PM5032-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-R-ETH
	Replacement of / Replaced by		Page 2D_f
			Page 33 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-R-ETH
	Replacement of / Replaced by		Page Multi-line
			Page 34 / 194

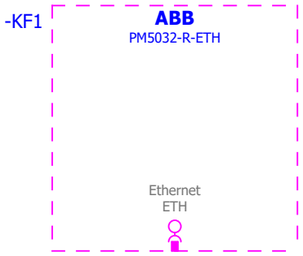
-KF1

ABB
PM5032-R-ETH

		PWR:1 FE	/Multi-line.0
		PWR:2 L+	/Multi-line.1
		PWR:3 M	/Multi-line.1
1		1 COM 0..11	/Multi-line.0
1		2 I0	/Multi-line.2
1		3 I1	/Multi-line.2
1		4 I2	/Multi-line.3
1		5 I3	/Multi-line.3
1		6 I4	/Multi-line.4
1		7 I5	/Multi-line.4
1		8 I6	/Multi-line.5
1		9 I7	/Multi-line.5
1		10 I8	/Multi-line.6
1		11 I9	/Multi-line.6
1		12 I10	/Multi-line.6
1		13 I11	/Multi-line.7

ABB
PM5032-R-ETH

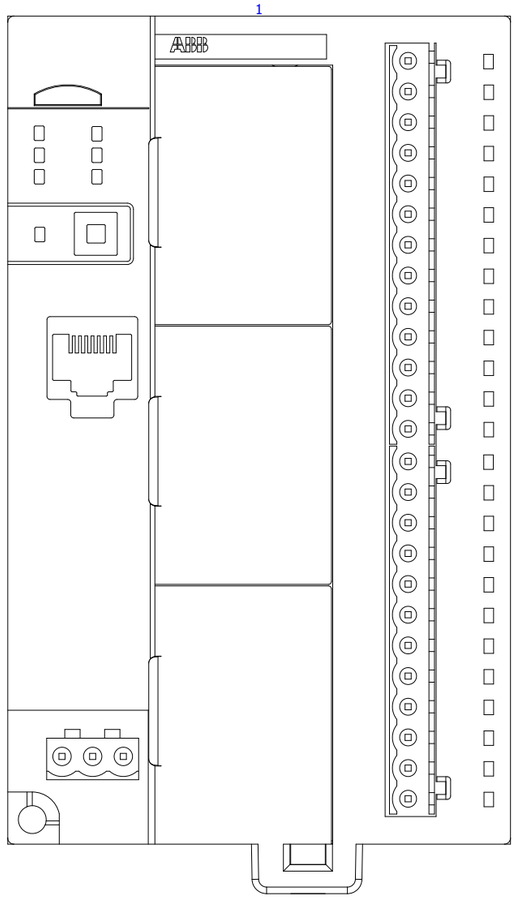
1		14 NO0	/Multi-line.0
1		15 NO1	/Multi-line.1
1		16 NO2	/Multi-line.1
1		17 R0..2	/Multi-line.1
1		18 NO3	/Multi-line.2
1		19 NO4	/Multi-line.2
1		20 NO5	/Multi-line.3
1		21 R3..5	/Multi-line.3
1		22 C12	/Multi-line.0 /Multi-line.2
1		23 C13	/Multi-line.1 /Multi-line.2
1		24 UP	/Multi-line.0
1		25 ZP	/Multi-line.1
		ETH:	/Single-line.1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5032-R-ETH
			Page Single-line
	Replacement of / Replaced by		Page 36 / 194

M2

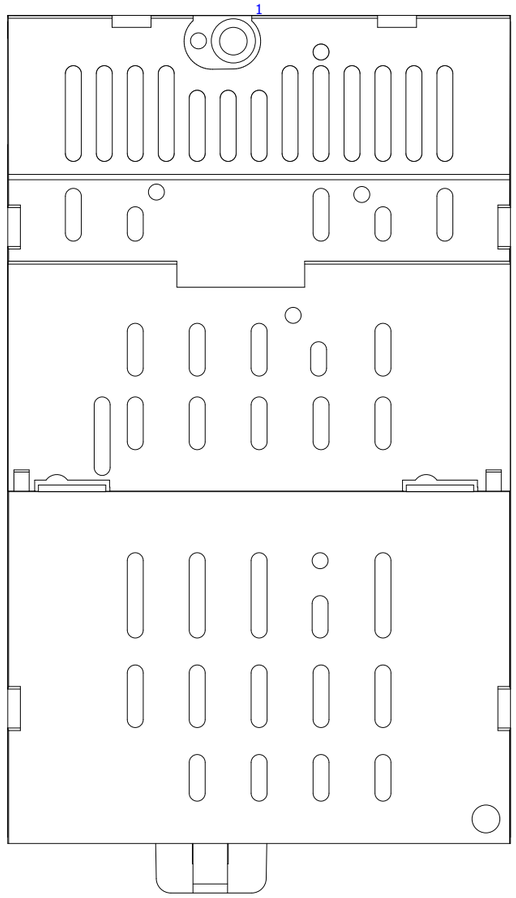
-A1
ABB.1SAP124000R0072
PM5052-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-T-ETH
	Replacement of / Replaced by		Page 2D_a
			Page 37 / 194

M2

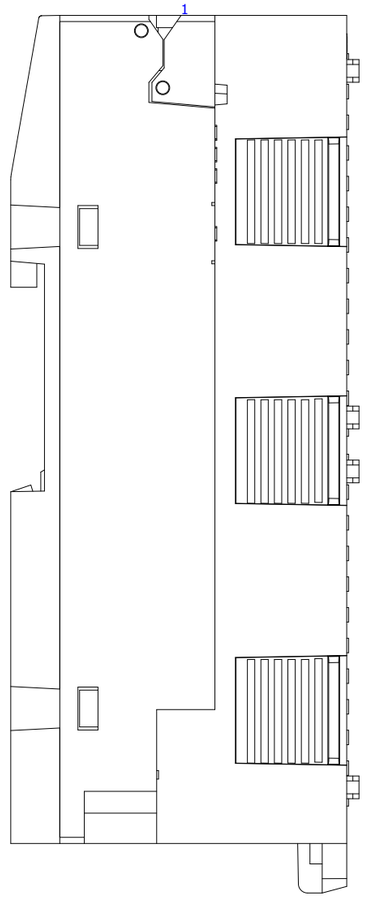
-A2
ABB.1SAP124000R0072
PM5052-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ PM5052-T-ETH
		86153 Augsburg, Germany	Page 2D_b
	Replacement of / Replaced by		Page 38 / 194

M2

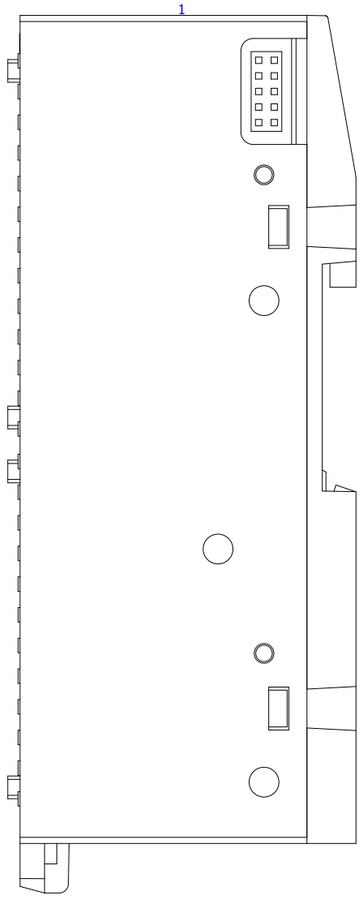
-A3
ABB.1SAP124000R0072
PM5052-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ PM5052-T-ETH
	Replacement of / Replaced by	86153 Augsburg, Germany	Page 2D_c
			Page 39 / 194

M2

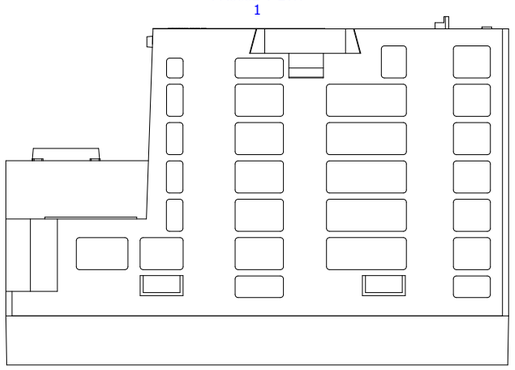
-A4
ABB.1SAP124000R0072
PM5052-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-T-ETH
	Replacement of / Replaced by		Page 2D_d
			Page 40 / 194

M2

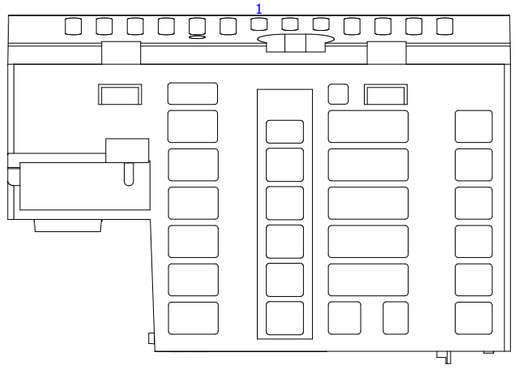
-A5
ABB.1SAP124000R0072
PM5052-T-ETH
1



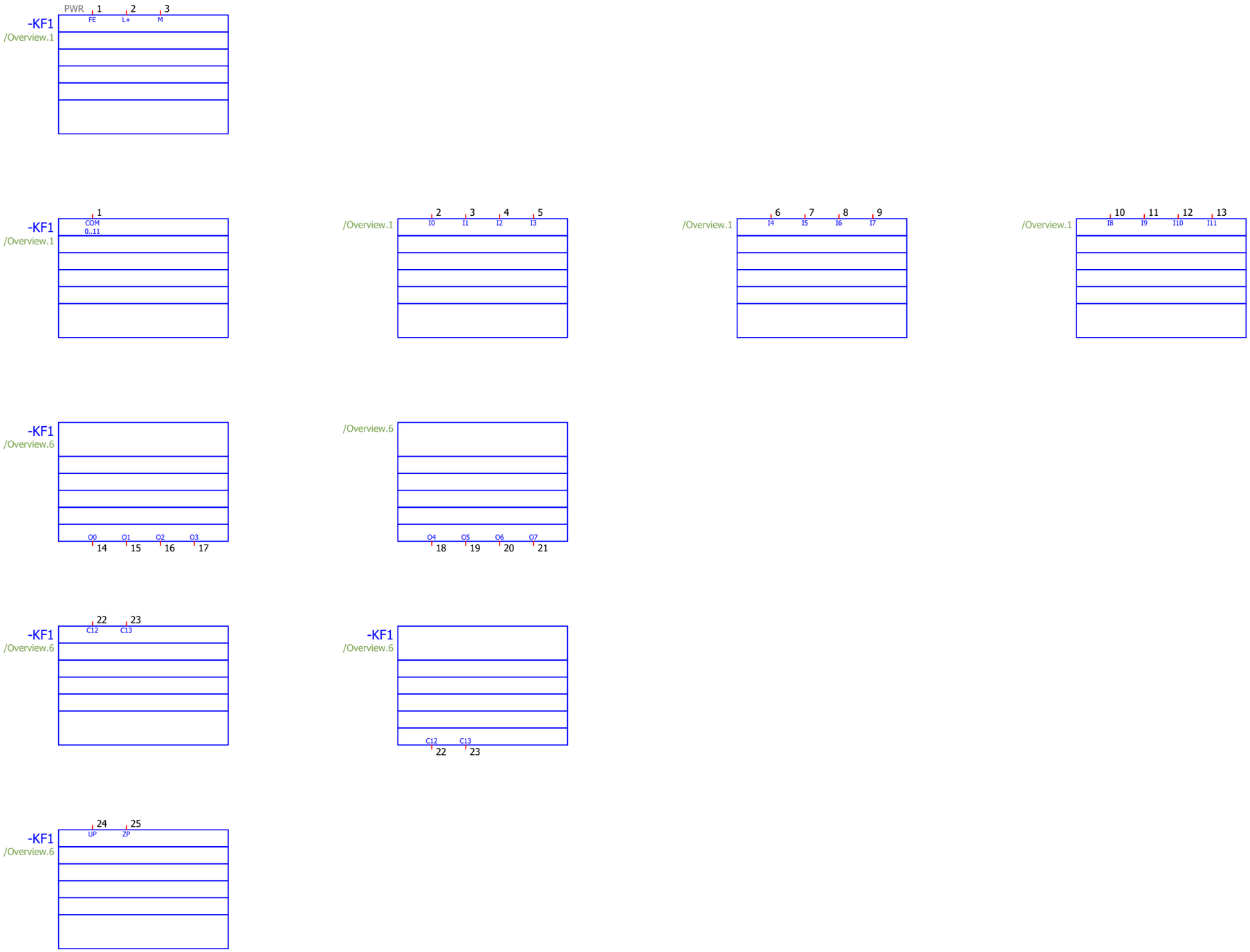
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-T-ETH
	Replacement of / Replaced by		Page 2D_e
			Page 41 / 194

M2

-A6
ABB.1SAP124000R0072
PM5052-T-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-T-ETH
	Replacement of / Replaced by		Page 2D_f
			Page 42 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-T-ETH
	Replacement of / Replaced by		Page Multi-line
			Page 43 / 194

-KF1

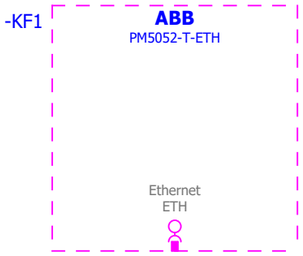
ABB
PM5052-T-ETH

		PWR:1 FE	/Multi-line.0
		PWR:2 L+	/Multi-line.1
		PWR:3 M	/Multi-line.1
1		1 COM 0..11	/Multi-line.0
1		2 I0	/Multi-line.2
1		3 I1	/Multi-line.2
1		4 I2	/Multi-line.3
1		5 I3	/Multi-line.3
1		6 I4	/Multi-line.4
1		7 I5	/Multi-line.4
1		8 I6	/Multi-line.5
1		9 I7	/Multi-line.5
1		10 I8	/Multi-line.6
1		11 I9	/Multi-line.6
1		12 I10	/Multi-line.6
1		13 I11	/Multi-line.7

ABB
PM5052-T-ETH

1		14 O0	/Multi-line.0
1		15 O1	/Multi-line.1
1		16 O2	/Multi-line.1
1		17 O3	/Multi-line.1
1		18 O4	/Multi-line.2
1		19 O5	/Multi-line.2
1		20 O6	/Multi-line.3
1		21 O7	/Multi-line.3
1		22 C12	/Multi-line.0 /Multi-line.2
1		23 C13	/Multi-line.1 /Multi-line.2
1		24 UP	/Multi-line.0
1		25 ZP	/Multi-line.1
		ETH:	/Single-line.1

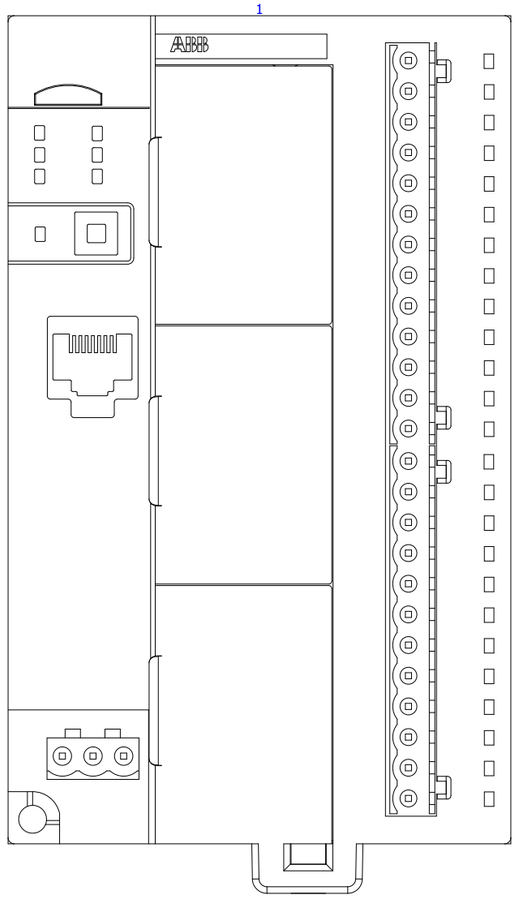
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-T-ETH
			Page Overview
	Replacement of / Replaced by		Page 44 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-T-ETH
			Page Single-line
	Replacement of / Replaced by		Page 45 / 194

M2

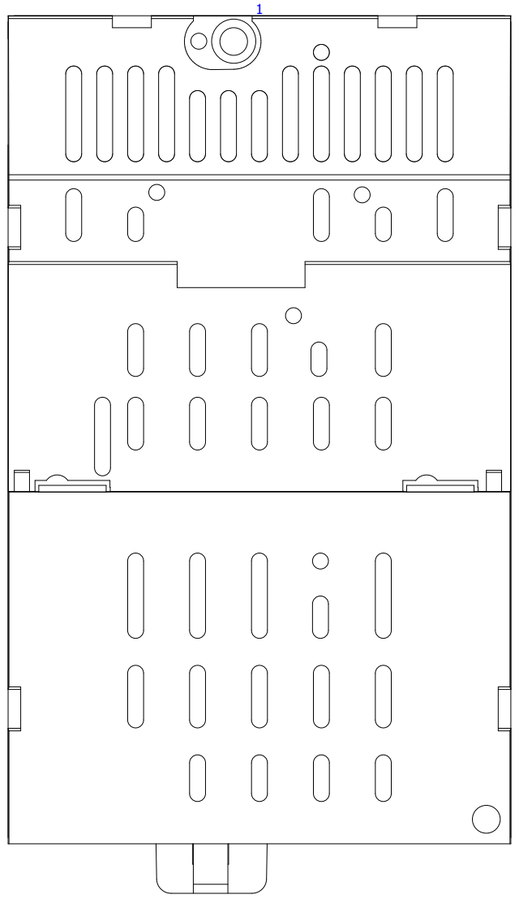
-A1
ABB.1SAP124100R0072
PM5052-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-R-ETH
	Replacement of / Replaced by		Page 2D_a
			Page 46 / 194

M2

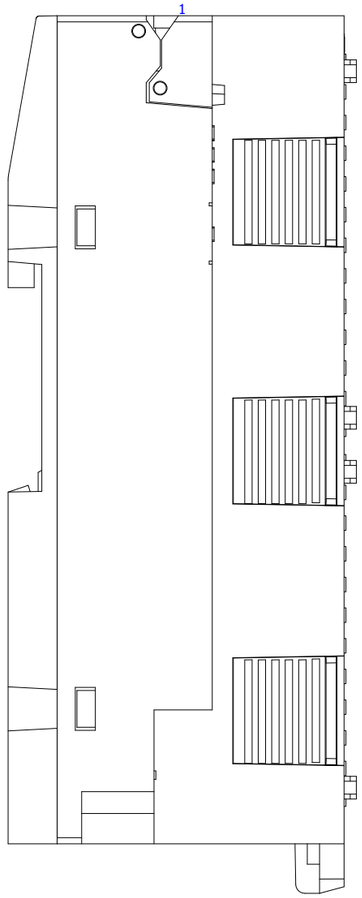
-A2
ABB.1SAP124100R0072
PM5052-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-R-ETH
	Replacement of / Replaced by		Page 2D_b
			Page 47 / 194

M2

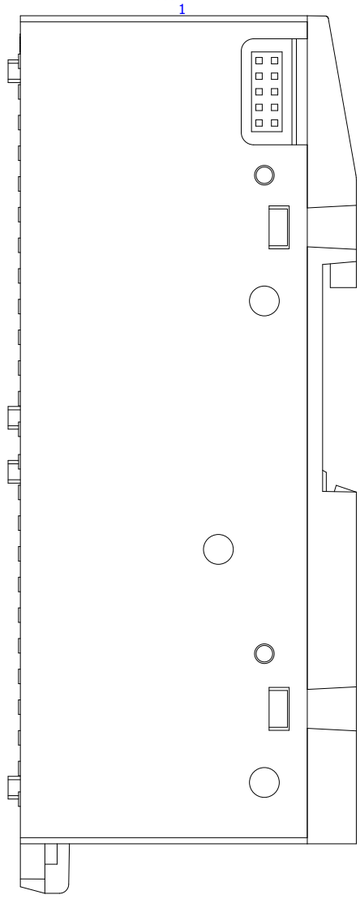
-A3
ABB.1SAP124100R0072
PM5052-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-R-ETH
	Replacement of / Replaced by		Page 2D_c
			Page 48 / 194

M2

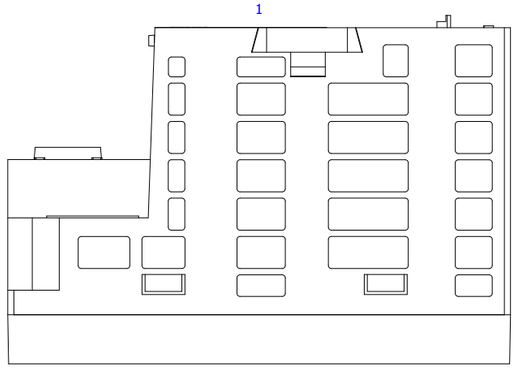
-A4
ABB.1SAP124100R0072
PM5052-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-R-ETH
	Replacement of / Replaced by		Page 2D_d
			Page 49 / 194

M2

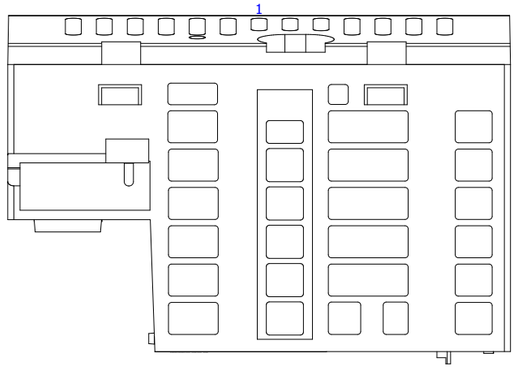
-A5
ABB.1SAP124100R0072
PM5052-R-ETH
1



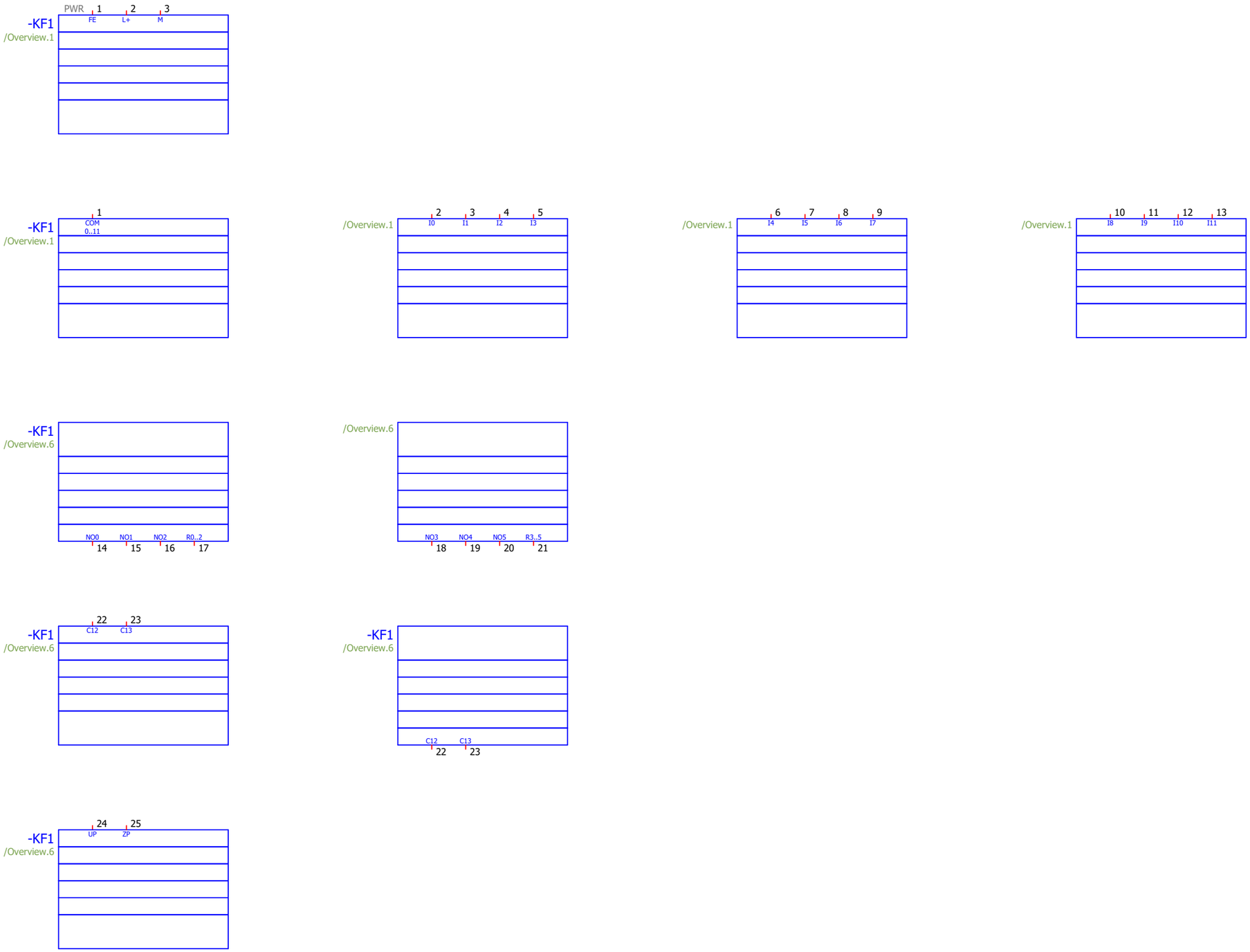
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-R-ETH
	Replacement of / Replaced by		Page 2D_e
			Page 50 / 194

M2

-A6
ABB.1SAP124100R0072
PM5052-R-ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-R-ETH
	Replacement of / Replaced by		Page 2D_f
			Page 51 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-R-ETH
	Replacement of / Replaced by		Page Multi-line
			Page 52 / 194

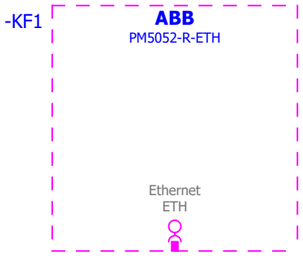
-KF1

ABB
PM5052-R-ETH

		PWR:1 FE	/Multi-line.0
		PWR:2 L+	/Multi-line.1
		PWR:3 M	/Multi-line.1
1		1 COM 0..11	/Multi-line.0
1		2 I0	/Multi-line.2
1		3 I1	/Multi-line.2
1		4 I2	/Multi-line.3
1		5 I3	/Multi-line.3
1		6 I4	/Multi-line.4
1		7 I5	/Multi-line.4
1		8 I6	/Multi-line.5
1		9 I7	/Multi-line.5
1		10 I8	/Multi-line.6
1		11 I9	/Multi-line.6
1		12 I10	/Multi-line.6
1		13 I11	/Multi-line.7

ABB
PM5052-R-ETH

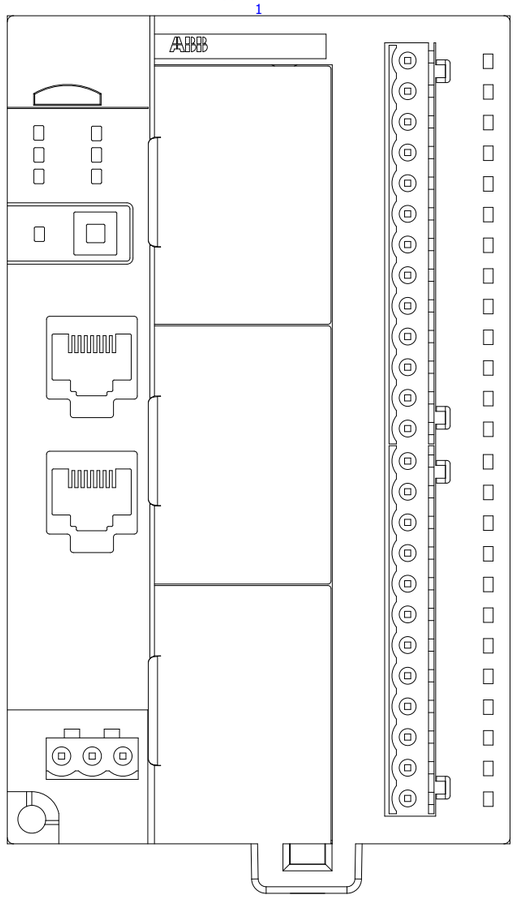
1		14 NO0	/Multi-line.0
1		15 NO1	/Multi-line.1
1		16 NO2	/Multi-line.1
1		17 R0..2	/Multi-line.1
1		18 NO3	/Multi-line.2
1		19 NO4	/Multi-line.2
1		20 NO5	/Multi-line.3
1		21 R3..5	/Multi-line.3
1		22 C12	/Multi-line.0 /Multi-line.2
1		23 C13	/Multi-line.1 /Multi-line.2
1		24 UP	/Multi-line.0
1		25 ZP	/Multi-line.1
		ETH:	/Single-line.1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5052-R-ETH
			Page Single-line
	Replacement of / Replaced by		Page 54 / 194

M2

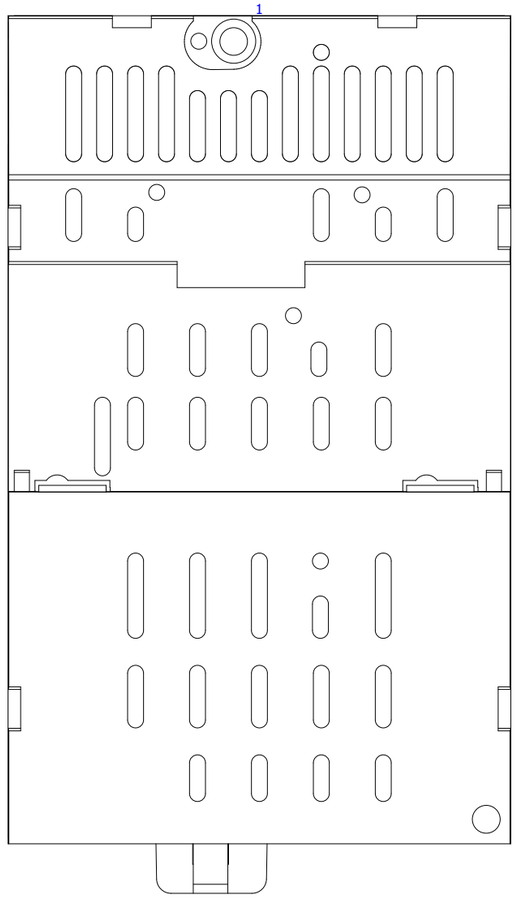
-A1
ABB.1SAP124400R0073
PM5072-T-2ETHW
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETHW
	Replacement of / Replaced by		Page 2D_a
			Page 55 / 194

M2

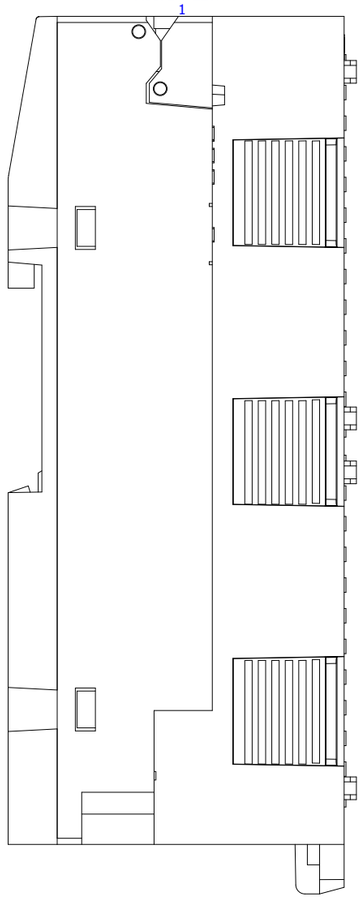
-A2
ABB.1SAP124400R0073
PM5072-T-2ETHW
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETHW
	Replacement of / Replaced by		Page 2D_b
			Page 56 / 194

M2

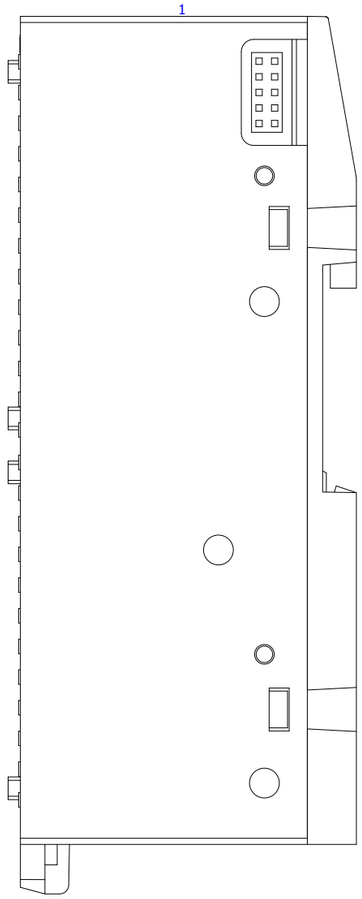
-A3
ABB.1SAP124400R0073
PM5072-T-2ETHW
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETHW
	Replacement of / Replaced by		Page 2D_c
			Page 57 / 194

M2

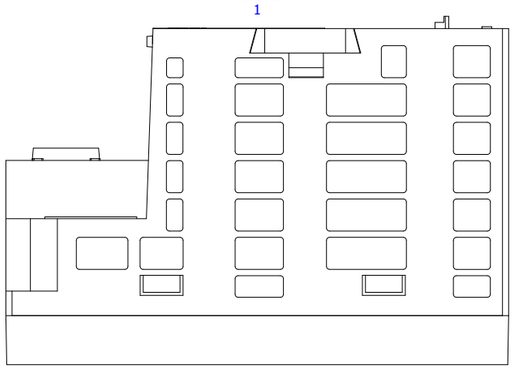
-A4
ABB.1SAP124400R0073
PM5072-T-2ETHW
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETHW
	Replacement of / Replaced by		Page 2D_d
			Page 58 / 194

M2

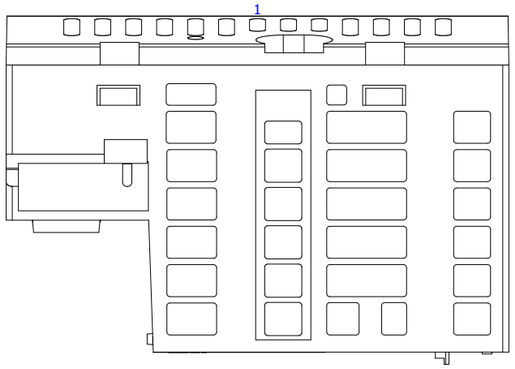
-A5
ABB.1SAP124400R0073
PM5072-T-2ETHW
1



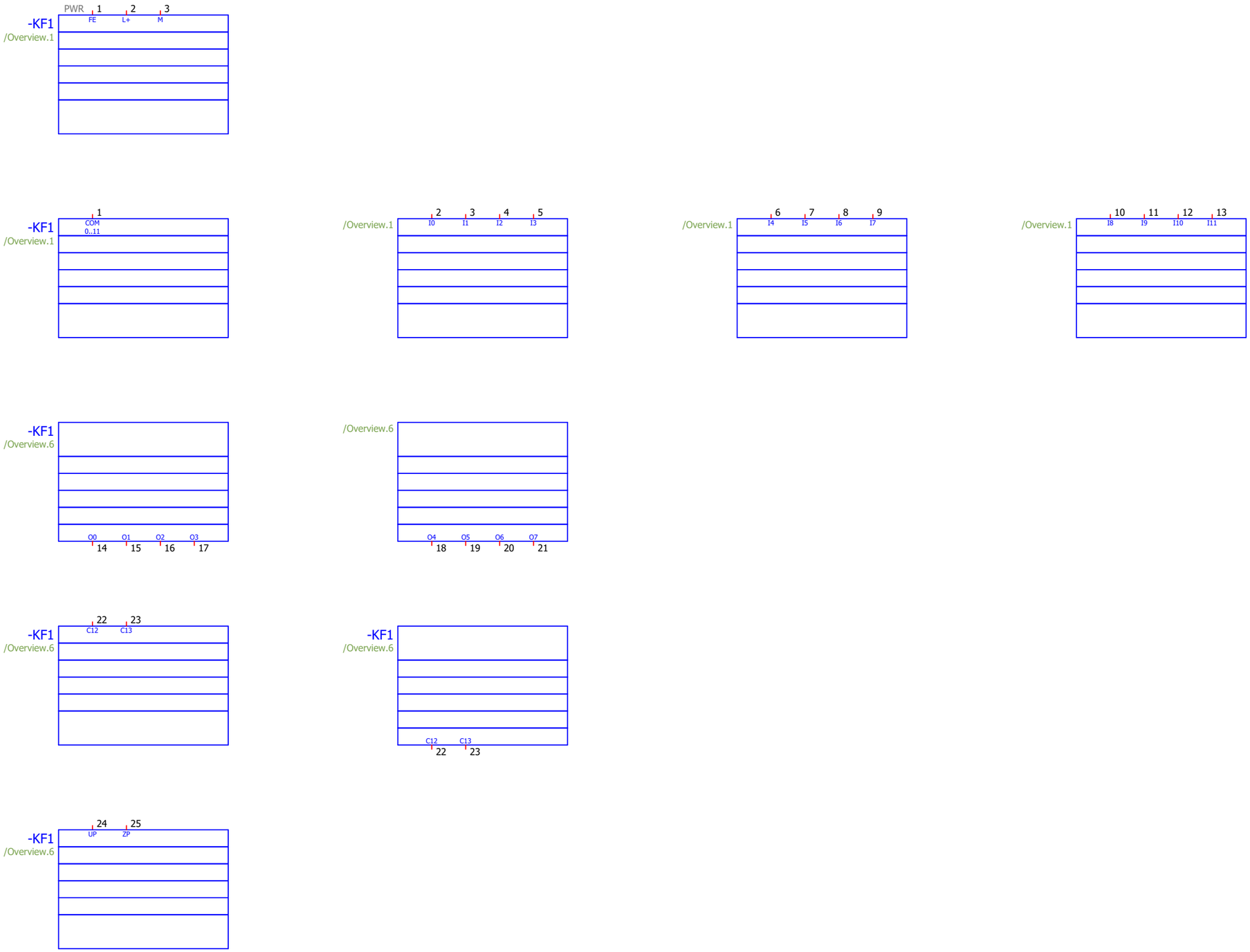
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETHW
	Replacement of / Replaced by		Page 2D_e
			Page 59 / 194

M2

-A6
ABB.1SAP124400R0073
PM5072-T-2ETHW
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETHW
	Replacement of / Replaced by		Page 2D_f
			Page 60 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETHW
	Replacement of / Replaced by		Page Multi-line
			Page 61 / 194

-KF1

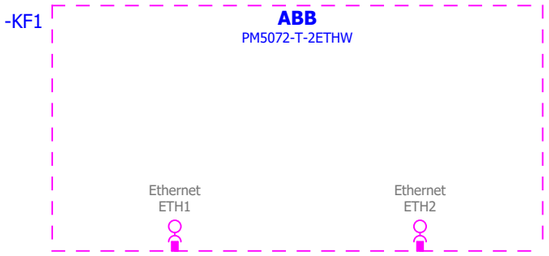
ABB
PM5072-T-2ETHW

		PWR:1 FE	/Multi-line.0
		PWR:2 L+	/Multi-line.1
		PWR:3 M	/Multi-line.1
1		1 COM 0..11	/Multi-line.0
1		2 I0	/Multi-line.2
1		3 I1	/Multi-line.2
1		4 I2	/Multi-line.3
1		5 I3	/Multi-line.3
1		6 I4	/Multi-line.4
1		7 I5	/Multi-line.4
1		8 I6	/Multi-line.5
1		9 I7	/Multi-line.5
1		10 I8	/Multi-line.6
1		11 I9	/Multi-line.6
1		12 I10	/Multi-line.6
1		13 I11	/Multi-line.7

ABB
PM5072-T-2ETHW

1		14 O0	/Multi-line.0
1		15 O1	/Multi-line.1
1		16 O2	/Multi-line.1
1		17 O3	/Multi-line.1
1		18 O4	/Multi-line.2
1		19 O5	/Multi-line.2
1		20 O6	/Multi-line.3
1		21 O7	/Multi-line.3
1		22 C12	/Multi-line.0 /Multi-line.2
1		23 C13	/Multi-line.1 /Multi-line.2
1		24 UP	/Multi-line.0
1		25 ZP	/Multi-line.1
		ETH1:	/Single-line.1
		ETH2:	/Single-line.2

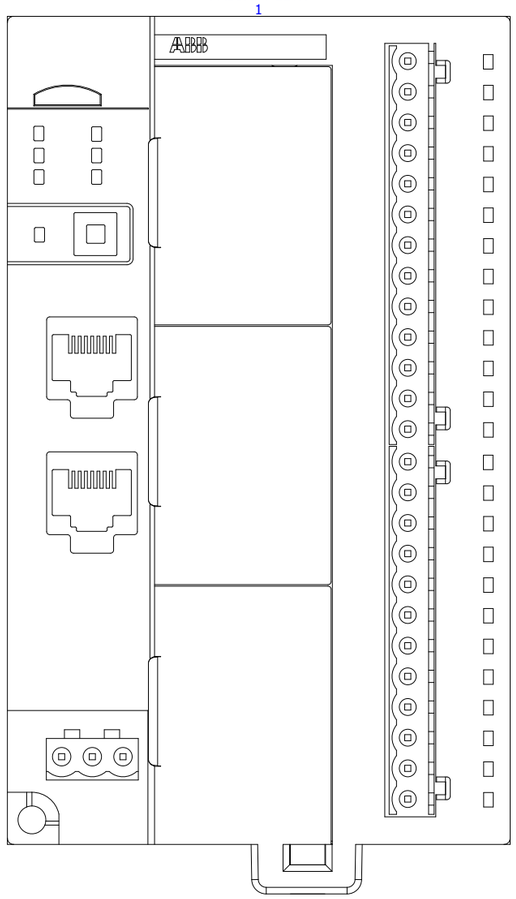
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETHW
			Page Overview
	Replacement of / Replaced by		Page 62 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ PM5072-T-2ETHW
	Replacement of / Replaced by		Page Single-line
			Page 63 / 194

M2

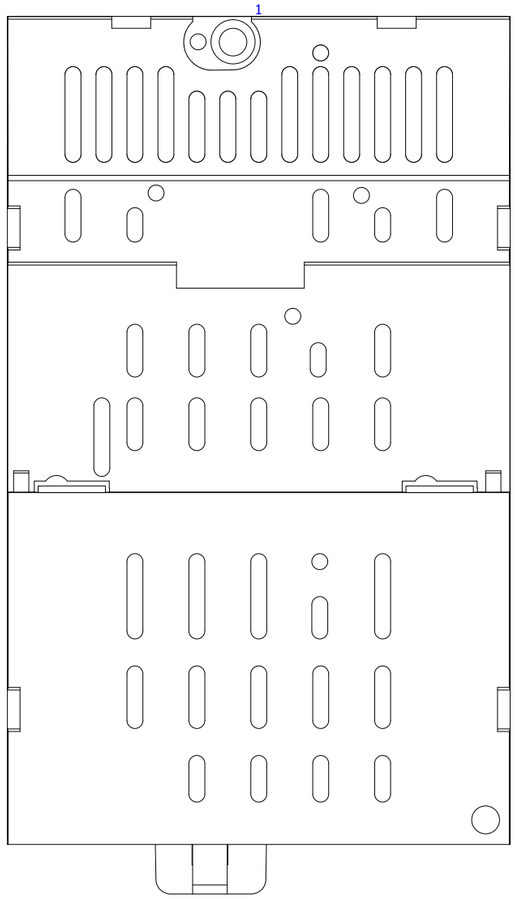
-A1
ABB.1SAP124500R0073
PM5072-T-2ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ PM5072-T-2ETH
		86153 Augsburg, Germany	Page 2D_a
	Replacement of / Replaced by		Page 64 / 194

M2

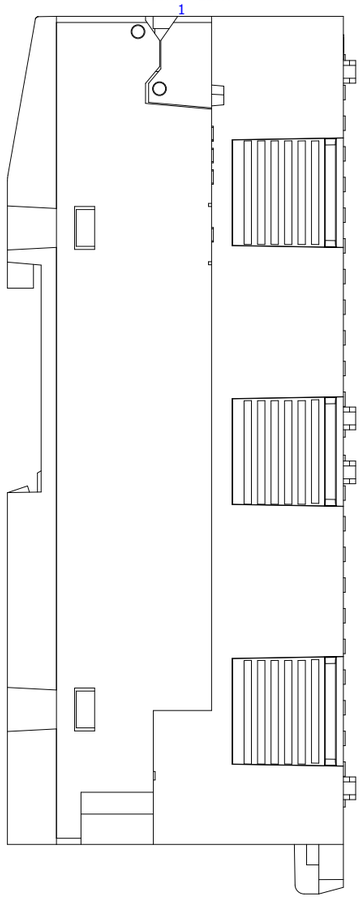
-A2
ABB.1SAP124500R0073
PM5072-T-2ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ PM5072-T-2ETH
		86153 Augsburg, Germany	Page 2D_b
	Replacement of / Replaced by		Page 65 / 194

M2

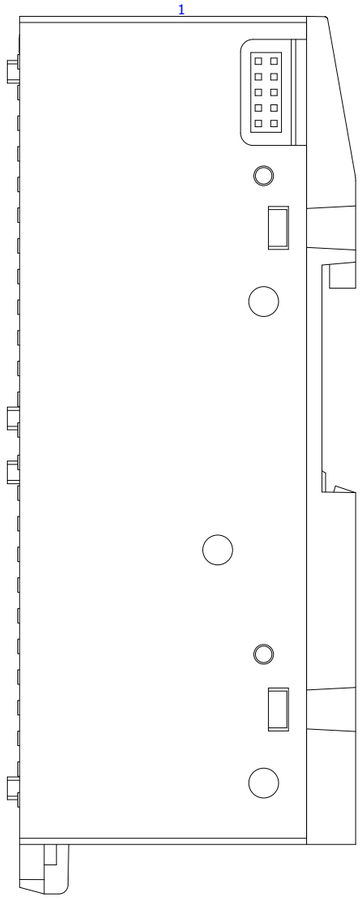
-A3
ABB.1SAP124500R0073
PM5072-T-2ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETH
	Replacement of / Replaced by		Page 2D_c
			Page 66 / 194

M2

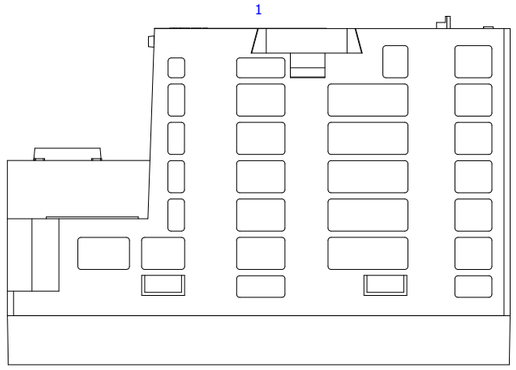
-A4
ABB.1SAP124500R0073
PM5072-T-2ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETH
	Replacement of / Replaced by		Page 2D_d
			Page 67 / 194

M2

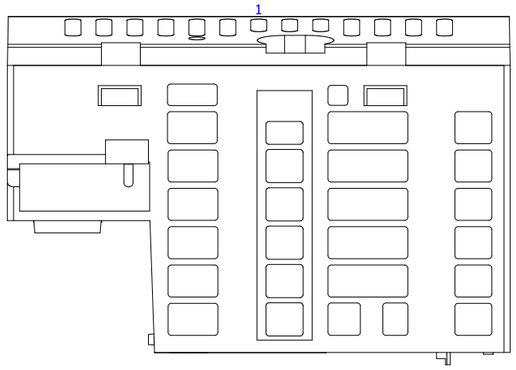
-A5
ABB.1SAP124500R0073
PM5072-T-2ETH
1



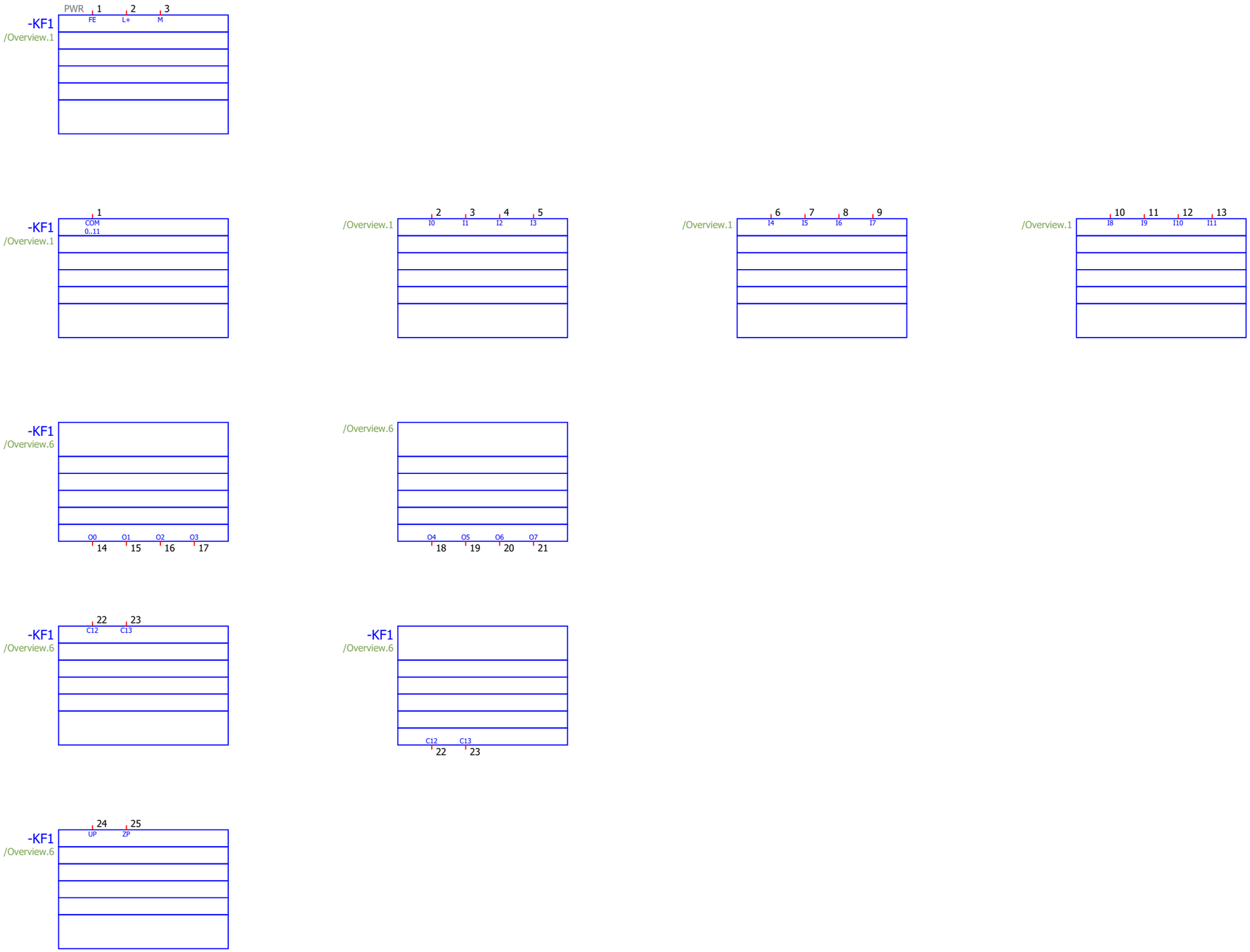
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETH
			Page 2D_e
	Replacement of / Replaced by		Page 68 / 194

M2

-A6
ABB.1SAP124500R0073
PM5072-T-2ETH
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETH
	Replacement of / Replaced by		Page 2D_f
			Page 69 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETH
	Replacement of / Replaced by		Page Multi-line
			Page 70 / 194

-KF1

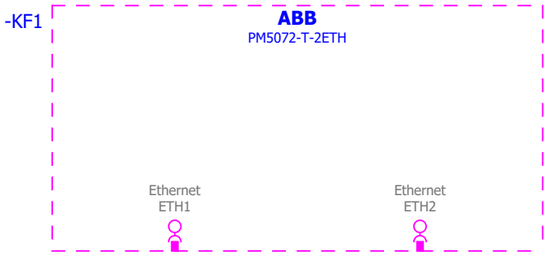
ABB
PM5072-T-2ETH

		PWR:1 FE	/Multi-line.0
		PWR:2 L+	/Multi-line.1
		PWR:3 M	/Multi-line.1
1		1 COM 0..11	/Multi-line.0
1		2 I0	/Multi-line.2
1		3 I1	/Multi-line.2
1		4 I2	/Multi-line.3
1		5 I3	/Multi-line.3
1		6 I4	/Multi-line.4
1		7 I5	/Multi-line.4
1		8 I6	/Multi-line.5
1		9 I7	/Multi-line.5
1		10 I8	/Multi-line.6
1		11 I9	/Multi-line.6
1		12 I10	/Multi-line.6
1		13 I11	/Multi-line.7

ABB
PM5072-T-2ETH

1		14 O0	/Multi-line.0
1		15 O1	/Multi-line.1
1		16 O2	/Multi-line.1
1		17 O3	/Multi-line.1
1		18 O4	/Multi-line.2
1		19 O5	/Multi-line.2
1		20 O6	/Multi-line.3
1		21 O7	/Multi-line.3
1		22 C12	/Multi-line.0 /Multi-line.2
1		23 C13	/Multi-line.1 /Multi-line.2
1		24 UP	/Multi-line.0
1		25 ZP	/Multi-line.1
		ETH1:	/Single-line.1
		ETH2:	/Single-line.2

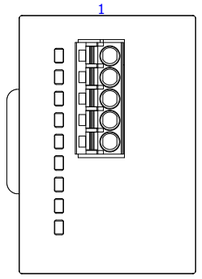
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETH
			Page Overview
	Replacement of / Replaced by		Page 71 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ PM5072-T-2ETH
	Replacement of / Replaced by		Page Single-line
			Page 72 / 194

M2

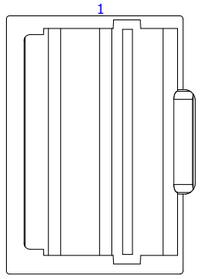
-A1
ABB.1SAP187000R0001
TA5101-4DI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5101-4DI
	Replacement of / Replaced by		Page 2D_a
			Page 73 / 194

M2

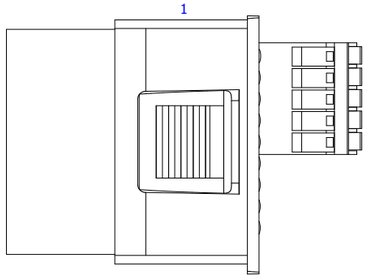
-A2
ABB.1SAP187000R0001
TA5101-4DI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5101-4DI
	Replacement of / Replaced by		Page 2D_b
			Page 74 / 194

M2

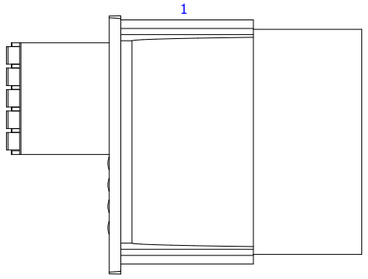
-A3
ABB.1SAP187000R0001
TA5101-4DI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5101-4DI
	Replacement of / Replaced by		Page 2D_c
			Page 75 / 194

M2

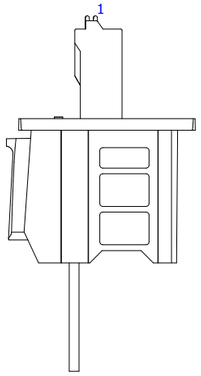
-A4
ABB.1SAP187000R0001
TA5101-4DI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5101-4DI
	Replacement of / Replaced by		Page 2D_d
			Page 76 / 194

M2

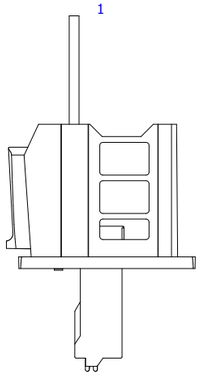
-A5
ABB.1SAP187000R0001
TA5101-4DI
1



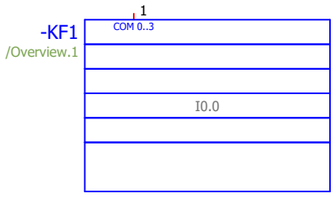
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5101-4DI
	Replacement of / Replaced by		Page 2D_e
			Page 77 / 194

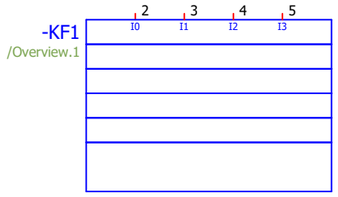
M2

-A6
ABB.1SAP187000R0001
TA5101-4DI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5101-4DI
	Replacement of / Replaced by		Page 2D_f
			Page 78 / 194





16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5101-4DI
	Replacement of / Replaced by		Page Multi-line
			Page 79 / 194

-KF1

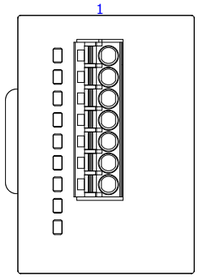
ABB
TA5101-4DI

1	I0.0	1 COM 0..3	/Multi-line.1
1		2 I0	/Multi-line.3
1		3 I1	/Multi-line.3
1		4 I2	/Multi-line.3
1		5 I3	/Multi-line.3

0 1 2 3 4 5 6 7 8 9

M2

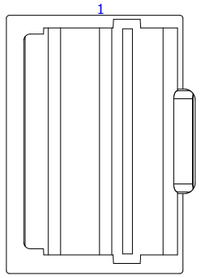
-A1
ABB.1SAP187000R0002
TA5105-4DOT
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ TA5105-4DOT
		86153 Augsburg, Germany	Page 2D_a
	Replacement of / Replaced by		Page 81 / 194

M2

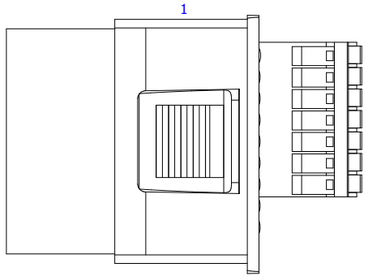
-A2
ABB.1SAP187000R0002
TA5105-4DOT
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5105-4DOT
	Replacement of / Replaced by		Page 2D_b
			Page 82 / 194

M2

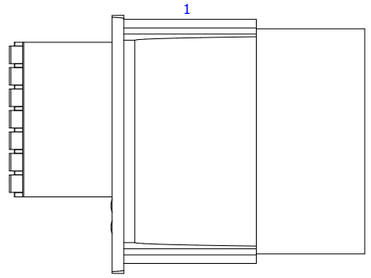
-A3
ABB.1SAP187000R0002
TA5105-4DOT
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5105-4DOT
	Replacement of / Replaced by		Page 2D_c
			Page 83 / 194

M2

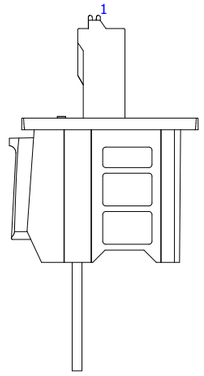
-A4
ABB.1SAP187000R0002
TA5105-4DOT
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5105-4DOT
	Replacement of / Replaced by		Page 2D_d
			Page 84 / 194

M2

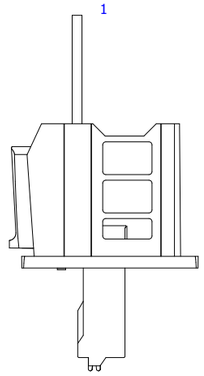
-A5
ABB.1SAP187000R0002
TA5105-4DOT
1



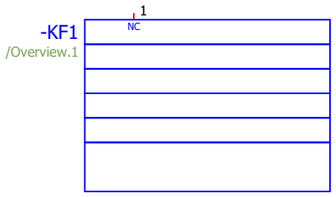
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5105-4DOT
	Replacement of / Replaced by		Page 2D_e
			Page 85 / 194

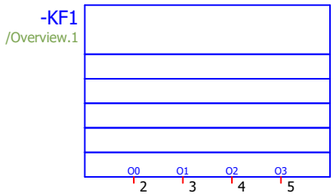
M2

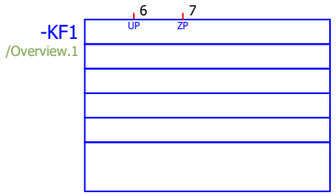
-A6
ABB.1SAP187000R0002
TA5105-4DOT
1



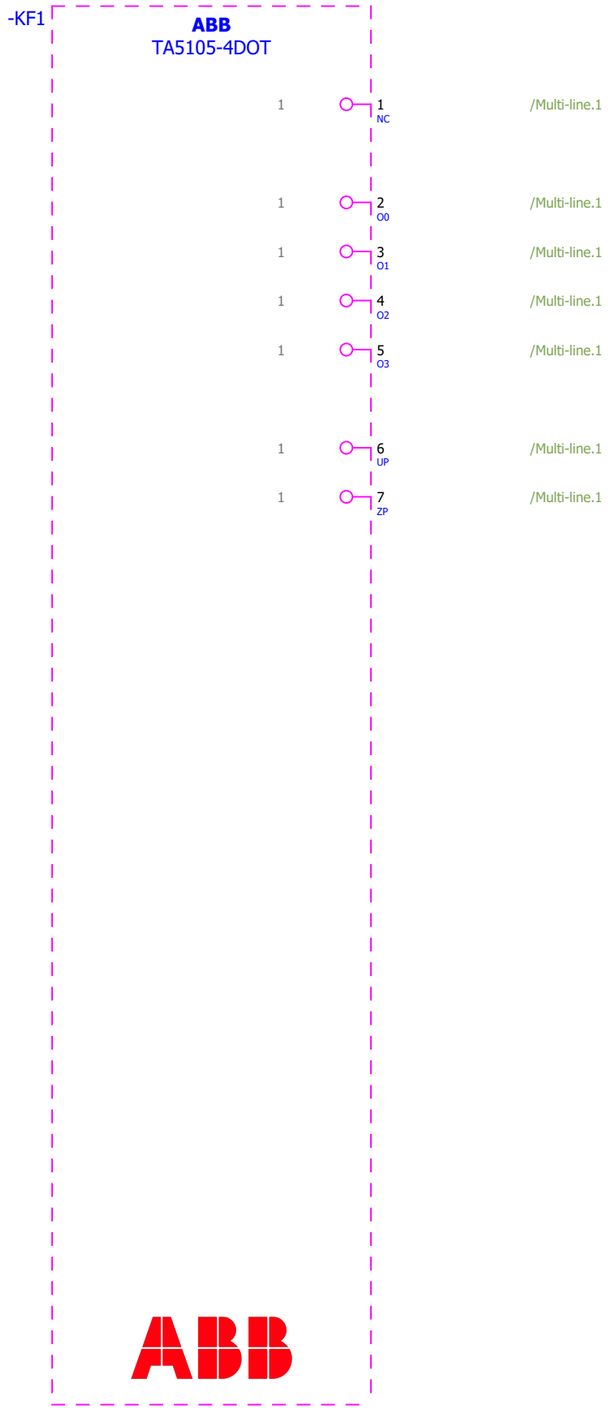
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5105-4DOT
	Replacement of / Replaced by		Page 2D_f
			Page 86 / 194







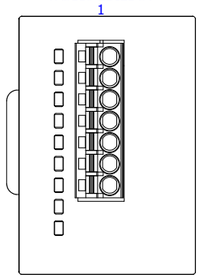
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5105-4DOT
			Page Multi-line
	Replacement of / Replaced by		Page 87 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ TA5105-4DOT
		86153 Augsburg, Germany	Page Overview
	Replacement of / Replaced by		Page 88 / 194

M2

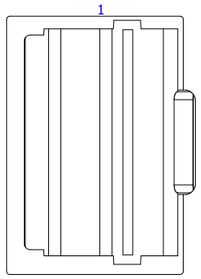
-A1
ABB.1SAP187000R0003
TA5110-2DI2DOT
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5110-2DI2DOT
	Replacement of / Replaced by		Page 2D_a
			Page 89 / 194

M2

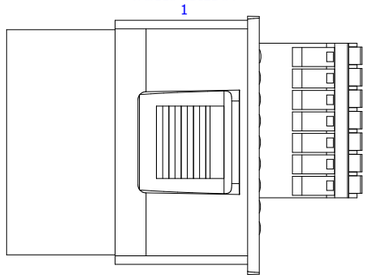
-A2
ABB.1SAP187000R0003
TA5110-2DI2DOT
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5110-2DI2DOT
	Replacement of / Replaced by		Page 2D_b
			Page 90 / 194

M2

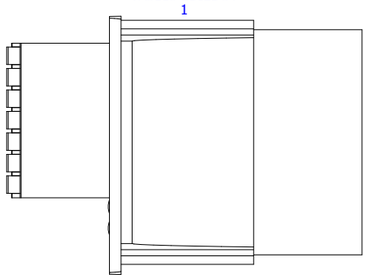
-A3
ABB.1SAP187000R0003
TA5110-2DI2DOT
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5110-2DI2DOT
	Replacement of / Replaced by		Page 2D_c
			Page 91 / 194

M2

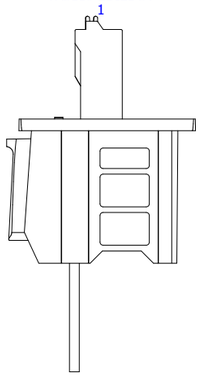
-A4
ABB.1SAP187000R0003
TA5110-2DI2DOT
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5110-2DI2DOT
	Replacement of / Replaced by		Page 2D_d
			Page 92 / 194

M2

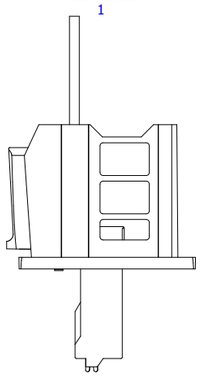
-A5
ABB.1SAP187000R0003
TA5110-2DI2DOT
1



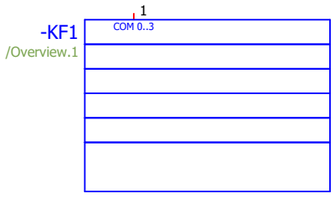
16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ TA5110-2DI2DOT
		86153 Augsburg, Germany	Page 2D_e
	Replacement of / Replaced by		Page 93 / 194

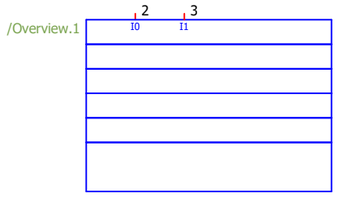
M2

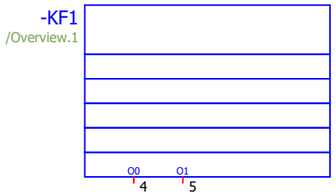
-A6
ABB.1SAP187000R0003
TA5110-2DI2DOT
1

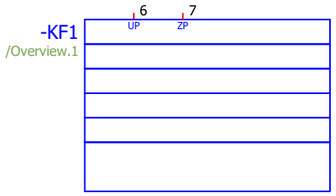


16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5110-2DI2DOT
	Replacement of / Replaced by		Page 2D_f
			Page 94 / 194









16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5110-2DI2DOT
	Replacement of / Replaced by		Page Multi-line
			Page 95 / 194

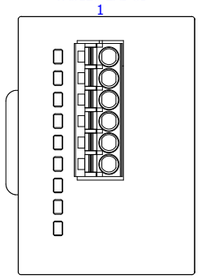
-KF1

ABB
TA5110-2DI2DOT

1	1	COM 0..3	/Multi-line.1
1	2	I0	/Multi-line.3
1	3	I1	/Multi-line.3
1	4	O0	/Multi-line.1
1	5	O1	/Multi-line.1
1	6	UP	/Multi-line.1
1	7	ZP	/Multi-line.1

M2

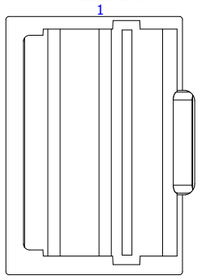
-A1
ABB.1SAP187100R0001
TA5120-2AI-UI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5120-2AI-UI
	Replacement of / Replaced by		Page 2D_a
			Page 97 / 194

M2

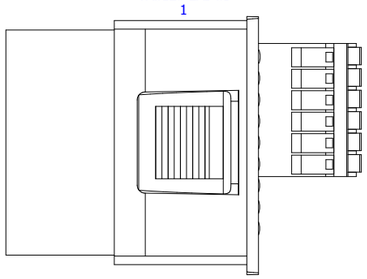
-A2
ABB.1SAP187100R0001
TA5120-2AI-UI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5120-2AI-UI
	Replacement of / Replaced by		Page 2D_b
			Page 98 / 194

M2

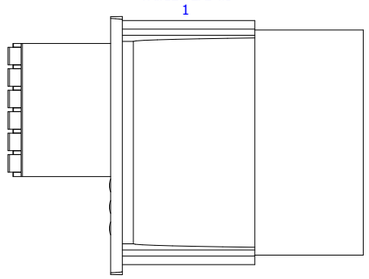
-A3
ABB.1SAP187100R0001
TA5120-2AI-UI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5120-2AI-UI
	Replacement of / Replaced by		Page 2D_c
			Page 99 / 194

M2

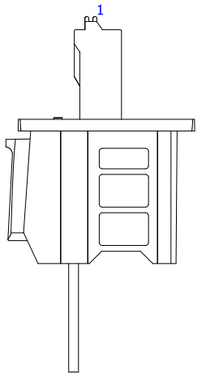
-A4
ABB.1SAP187100R0001
TA5120-2AI-UI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5120-2AI-UI
	Replacement of / Replaced by		Page 2D_d
			Page 100 / 194

M2

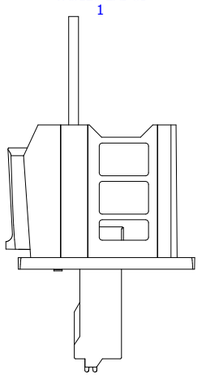
-A5
ABB.1SAP187100R0001
TA5120-2AI-UI
1



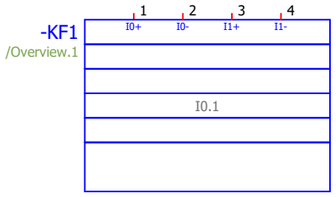
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5120-2AI-UI
	Replacement of / Replaced by		Page 2D_e
			Page 101 / 194

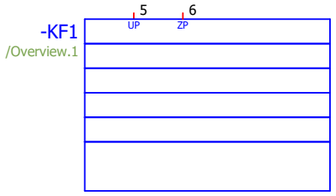
M2

-A6
ABB.1SAP187100R0001
TA5120-2AI-UI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5120-2AI-UI
	Replacement of / Replaced by		Page 2D_f
			Page 102 / 194


1
2
3
4
I0+
I0-
I1+
I1-
-KF1
/Overview.1
I0.1


5
6
UP
ZP
-KF1
/Overview.1

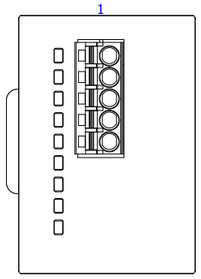
-KF1

ABB
TA5120-2AI-UI

1	I0.1	1 I0+	/Multi-line.1
1	I0.2	2 I0-	/Multi-line.1
1	I0.3	3 I1+	/Multi-line.1
1	I0.4	4 I1-	/Multi-line.1
1		5 UP	/Multi-line.1
1		6 ZP	/Multi-line.1

M2

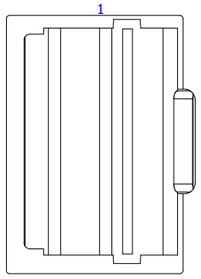
-A1
ABB.1SAP187300R0001
TA5141-RS232I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5141-RS232I
	Replacement of / Replaced by		Page 2D_a
			Page 105 / 194

M2

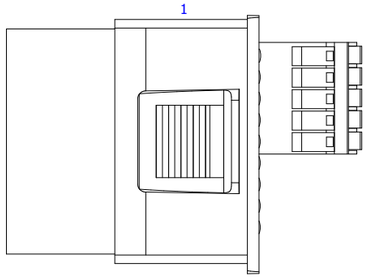
-A2
ABB.1SAP187300R0001
TA5141-RS232I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5141-RS232I
	Replacement of / Replaced by		Page 2D_b
			Page 106 / 194

M2

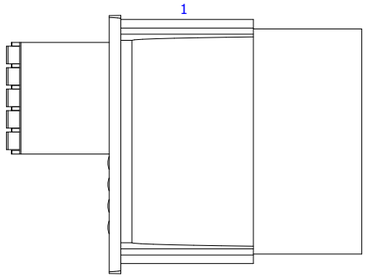
-A3
ABB.1SAP187300R0001
TA5141-RS232I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5141-RS232I
			Page 2D_c
	Replacement of / Replaced by		Page 107 / 194

M2

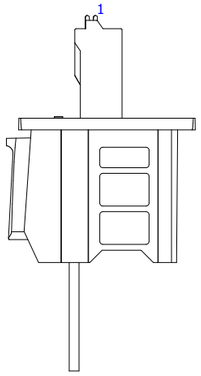
-A4
ABB.1SAP187300R0001
TA5141-RS232I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5141-RS232I
	Replacement of / Replaced by		Page 2D_d
			Page 108 / 194

M2

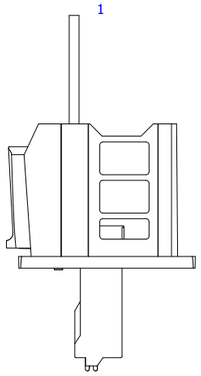
-A5
ABB.1SAP187300R0001
TA5141-RS232I
1



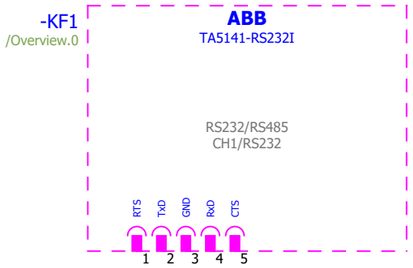
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5141-RS232I
	Replacement of / Replaced by		Page 2D_e
			Page 109 / 194

M2

-A6
ABB.1SAP187300R0001
TA5141-RS232I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5141-RS232I
	Replacement of / Replaced by		Page 2D_f
			Page 110 / 194

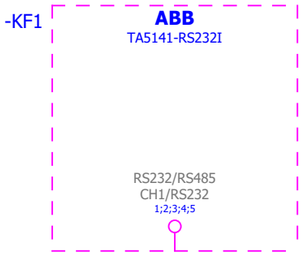


16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5141-RS232I
	Replacement of / Replaced by		Page Multi-line
			Page 111 / 194

-KF1
/Multi-line.1

ABB
TA5141-RS232I

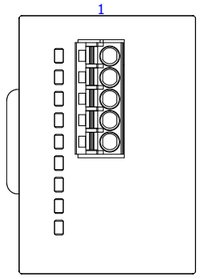
CH1/RS232:1 RTS	/Multi-line.1 /Single-line.1
CH1/RS232:2 TxD	/Multi-line.1 /Single-line.1
CH1/RS232:3 GND	/Multi-line.1 /Single-line.1
CH1/RS232:4 RxD	/Multi-line.1 /Single-line.1
CH1/RS232:5 CTS	/Multi-line.1 /Single-line.1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5141-RS232I
	Replacement of / Replaced by		Page Single-line
			Page 113 / 194

M2

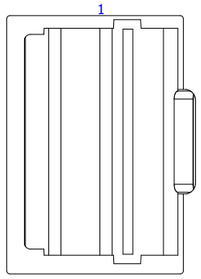
-A1
ABB.1SAP187300R0002
TA5142-RS485I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485I
	Replacement of / Replaced by		Page 2D_a
			Page 114 / 194

M2

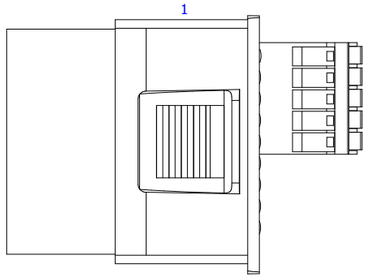
-A2
ABB.1SAP187300R0002
TA5142-RS485I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5142-RS485I
	Replacement of / Replaced by		Page 2D_b
			Page 115 / 194

M2

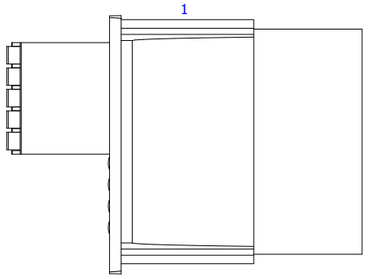
-A3
ABB.1SAP187300R0002
TA5142-RS485I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485I
	Replacement of / Replaced by		Page 2D_c
			Page 116 / 194

M2

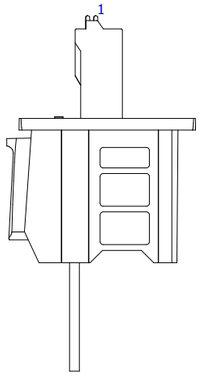
-A4
ABB.1SAP187300R0002
TA5142-RS485I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5142-RS485I
	Replacement of / Replaced by		Page 2D_d
			Page 117 / 194

M2

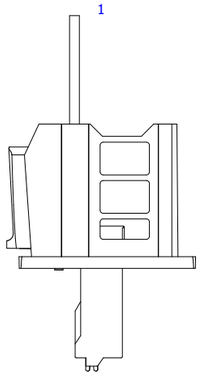
-A5
ABB.1SAP187300R0002
TA5142-RS485I
1



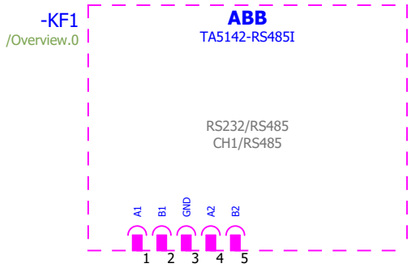
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485I
	Replacement of / Replaced by		Page 2D_e
			Page 118 / 194

M2

-A6
ABB.1SAP187300R0002
TA5142-RS485I
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485I
	Replacement of / Replaced by		Page 2D_f
			Page 119 / 194

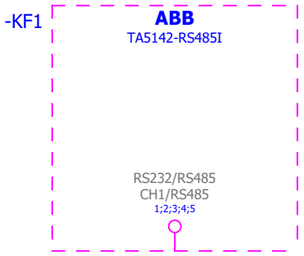


16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5142-RS485I
	Replacement of / Replaced by		Page Multi-line
			Page 120 / 194

-KF1
/Multi-line.0

ABB
TA5142-RS485I

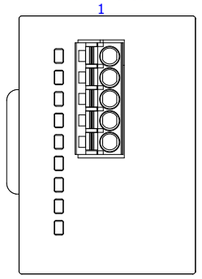
CH1/RS485:1 (A1)	/Multi-line.0 /Single-line.1
CH1/RS485:2 (B1)	/Multi-line.0 /Single-line.1
CH1/RS485:3 (GND)	/Multi-line.0 /Single-line.1
CH1/RS485:4 (A2)	/Multi-line.0 /Single-line.1
CH1/RS485:5 (B2)	/Multi-line.0 /Single-line.1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5142-RS485I
	Replacement of / Replaced by		Page Single-line
			Page 122 / 194

M2

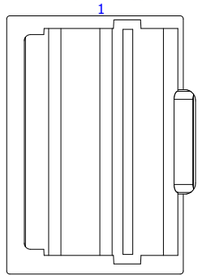
-A1
ABB.1SAP187300R0003
TA5142-RS485
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485
	Replacement of / Replaced by		Page 2D_a
			Page 123 / 194

M2

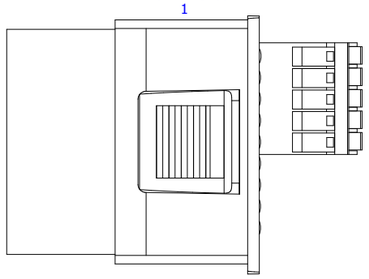
-A2
ABB.1SAP187300R0003
TA5142-RS485
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485
	Replacement of / Replaced by		Page 2D_b
			Page 124 / 194

M2

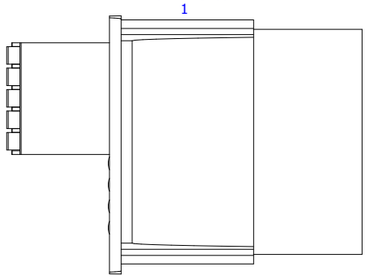
-A3
ABB.1SAP187300R0003
TA5142-RS485
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485
	Replacement of / Replaced by		Page 2D_c
			Page 125 / 194

M2

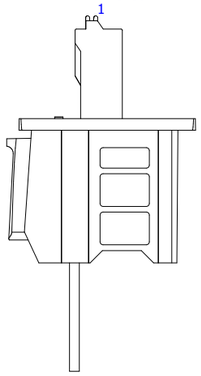
-A4
ABB.1SAP187300R0003
TA5142-RS485
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485
	Replacement of / Replaced by		Page 2D_d
			Page 126 / 194

M2

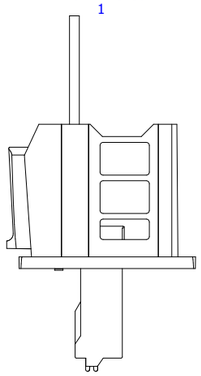
-A5
ABB.1SAP187300R0003
TA5142-RS485
1



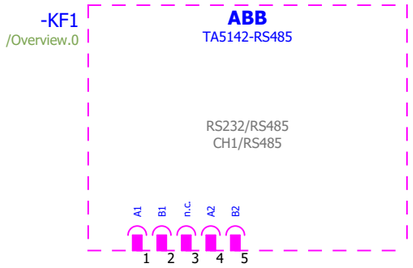
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485
			Page 2D_e
	Replacement of / Replaced by		Page 127 / 194

M2

-A6
ABB.1SAP187300R0003
TA5142-RS485
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5142-RS485
	Replacement of / Replaced by		Page 2D_f
			Page 128 / 194

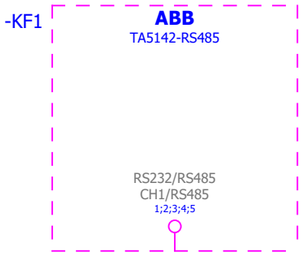


16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5142-RS485
	Replacement of / Replaced by		Page Multi-line
			Page 129 / 194

-KF1
/Multi-line.0

ABB
TA5142-RS485

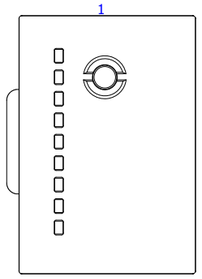
CH1/RS485:1 (A1)	/Multi-line.0 /Single-line.1
CH1/RS485:2 (B1)	/Multi-line.0 /Single-line.1
CH1/RS485:3 (n.c.)	/Multi-line.0 /Single-line.1
CH1/RS485:4 (A2)	/Multi-line.0 /Single-line.1
CH1/RS485:5 (B2)	/Multi-line.0 /Single-line.1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5142-RS485
	Replacement of / Replaced by		Page Single-line
			Page 131 / 194

M2

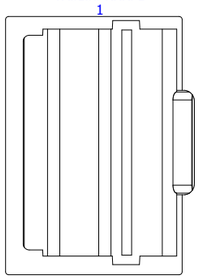
-1
ABB.1SAP187200R0001
TA5130-KNXPB
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5130-KNXPB
			Page 2D_a
	Replacement of / Replaced by		Page 132 / 194

M2

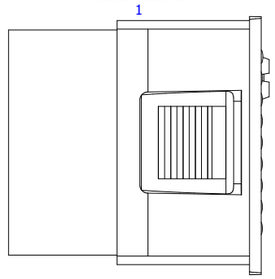
-2
ABB.1SAP187200R0001
TA5130-KNXPB
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5130-KNXPB
	Replacement of / Replaced by		Page 2D_b
			Page 133 / 194

M2

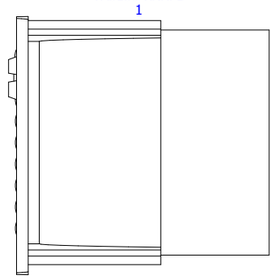
-3
ABB.1SAP187200R0001
TA5130-KNXPB
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5130-KNXPB
	Replacement of / Replaced by		Page 2D_c
			Page 134 / 194

M2

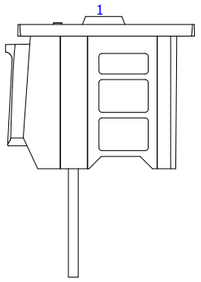
-4
ABB.1SAP187200R0001
TA5130-KNXPB
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5130-KNXPB
	Replacement of / Replaced by		Page 2D_d
			Page 135 / 194

M2

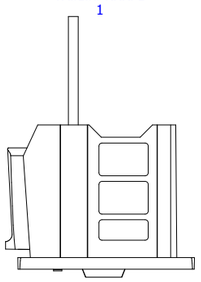
-5
ABB.1SAP187200R0001
TA5130-KNXPB
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5130-KNXPB
	Replacement of / Replaced by		Page 2D_e
			Page 136 / 194

M2

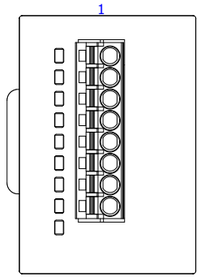
-6
ABB.1SAP187200R0001
TA5130-KNXPB
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5130-KNXPB
	Replacement of / Replaced by		Page 2D_f
			Page 137 / 194

M2

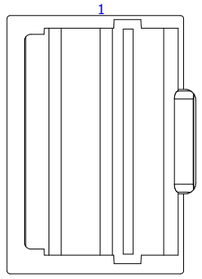
-A1
ABB.1SAP187100R0002
TA5123-2AI-RTD
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5123-2AI-RTD
	Replacement of / Replaced by		Page 2D_a
			Page 138 / 194

M2

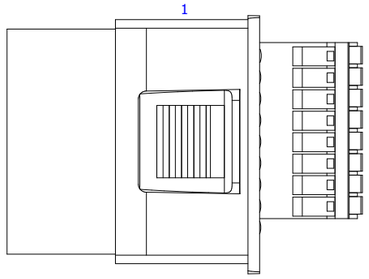
-A2
ABB.1SAP187100R0002
TA5123-2AI-RTD
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5123-2AI-RTD
	Replacement of / Replaced by		Page 2D_b
			Page 139 / 194

M2

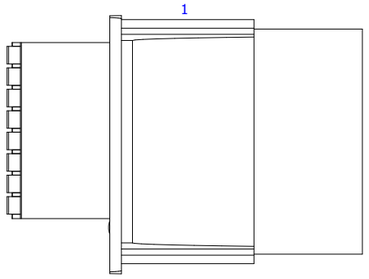
-A3
ABB.1SAP187100R0002
TA5123-2AI-RTD
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5123-2AI-RTD
	Replacement of / Replaced by		Page 2D_c
			Page 140 / 194

M2

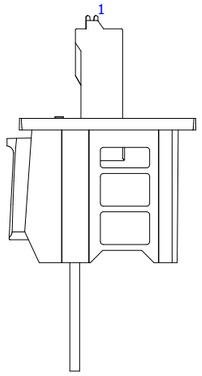
-A4
ABB.1SAP187100R0002
TA5123-2AI-RTD
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5123-2AI-RTD
	Replacement of / Replaced by		Page 2D_d
			Page 141 / 194

M2

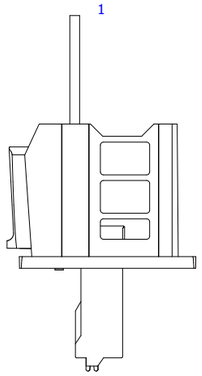
-A5
ABB.1SAP187100R0002
TA5123-2AI-RTD



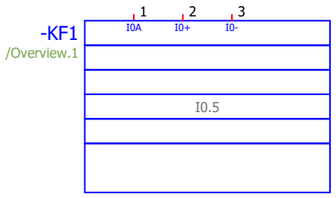
16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5123-2AI-RTD
	Replacement of / Replaced by		Page 2D_e
			Page 142 / 194

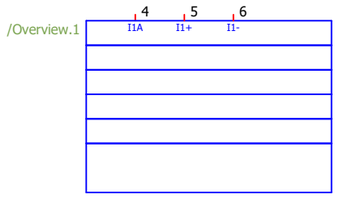
M2

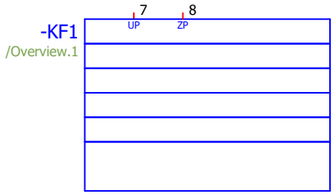
-A6
ABB.1SAP187100R0002
TA5123-2AI-RTD
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5123-2AI-RTD
	Replacement of / Replaced by		Page 2D_f
			Page 143 / 194







16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5123-2AI-RTD
	Replacement of / Replaced by		Page Multi-line
			Page 144 / 194

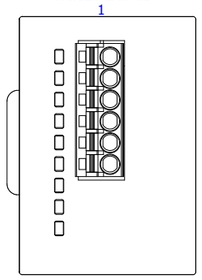
-KF1

ABB
TA5123-2AI-RTD

1	I0.5	1 I0A	/Multi-line.1
1	I0.6	2 I0+	/Multi-line.1
1	I0.7	3 I0-	/Multi-line.1
1		4 I1A	/Multi-line.3
1		5 I1+	/Multi-line.3
1		6 I1-	/Multi-line.3
1		7 UP	/Multi-line.1
1		8 ZP	/Multi-line.1

M2

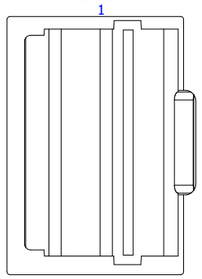
-A1
ABB.1SAP187100R0003
TA5126-2AO-UI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5126-2AO-UI
	Replacement of / Replaced by		Page 2D_a
			Page 146 / 194

M2

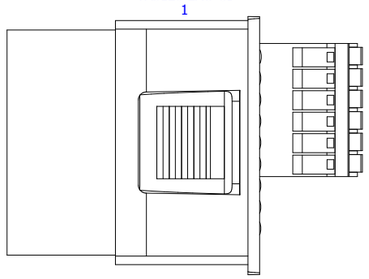
-A2
ABB.1SAP187100R0003
TA5126-2AO-UI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5126-2AO-UI
	Replacement of / Replaced by		Page 2D_b
			Page 147 / 194

M2

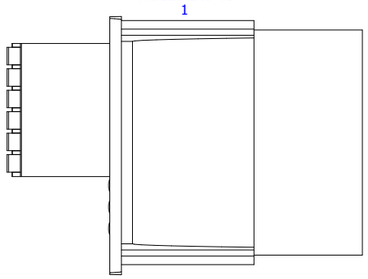
-A3
ABB.1SAP187100R0003
TA5126-2AO-UI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5126-2AO-UI
	Replacement of / Replaced by		Page 2D_c
			Page 148 / 194

M2

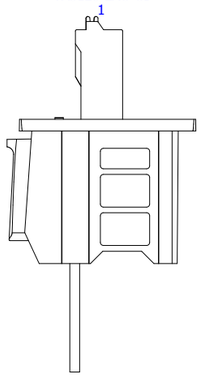
-A4
ABB.1SAP187100R0003
TA5126-2AO-UI
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5126-2AO-UI
	Replacement of / Replaced by		Page 2D_d
			Page 149 / 194

M2

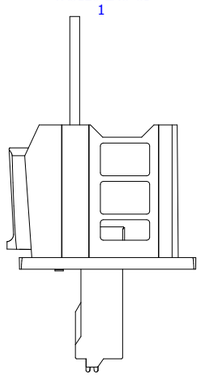
-A5
ABB.1SAP187100R0003
TA5126-2AO-UI
1



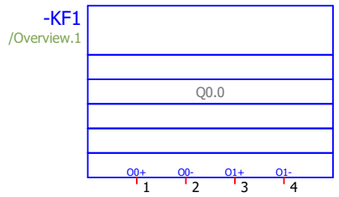
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5126-2AO-UI
	Replacement of / Replaced by		Page 2D_e
			Page 150 / 194

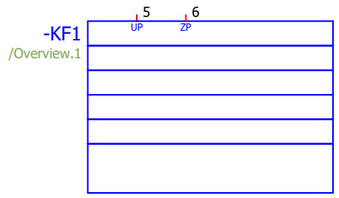
M2

-A6
ABB.1SAP187100R0003
TA5126-2AO-UI
1

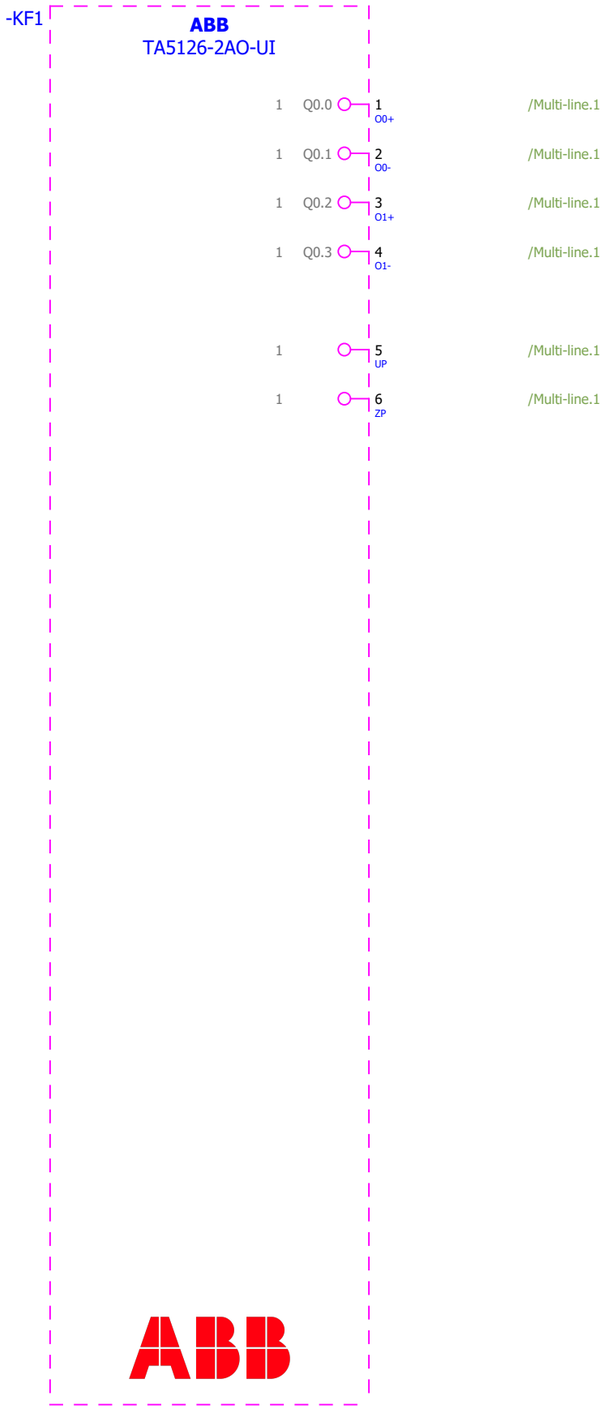


16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5126-2AO-UI
	Replacement of / Replaced by		Page 2D_f
			Page 151 / 194





16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5126-2AO-UI
	Replacement of / Replaced by		Page Multi-line
			Page 152 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5126-2AO-UI
			Page Overview
	Replacement of / Replaced by		Page 153 / 194

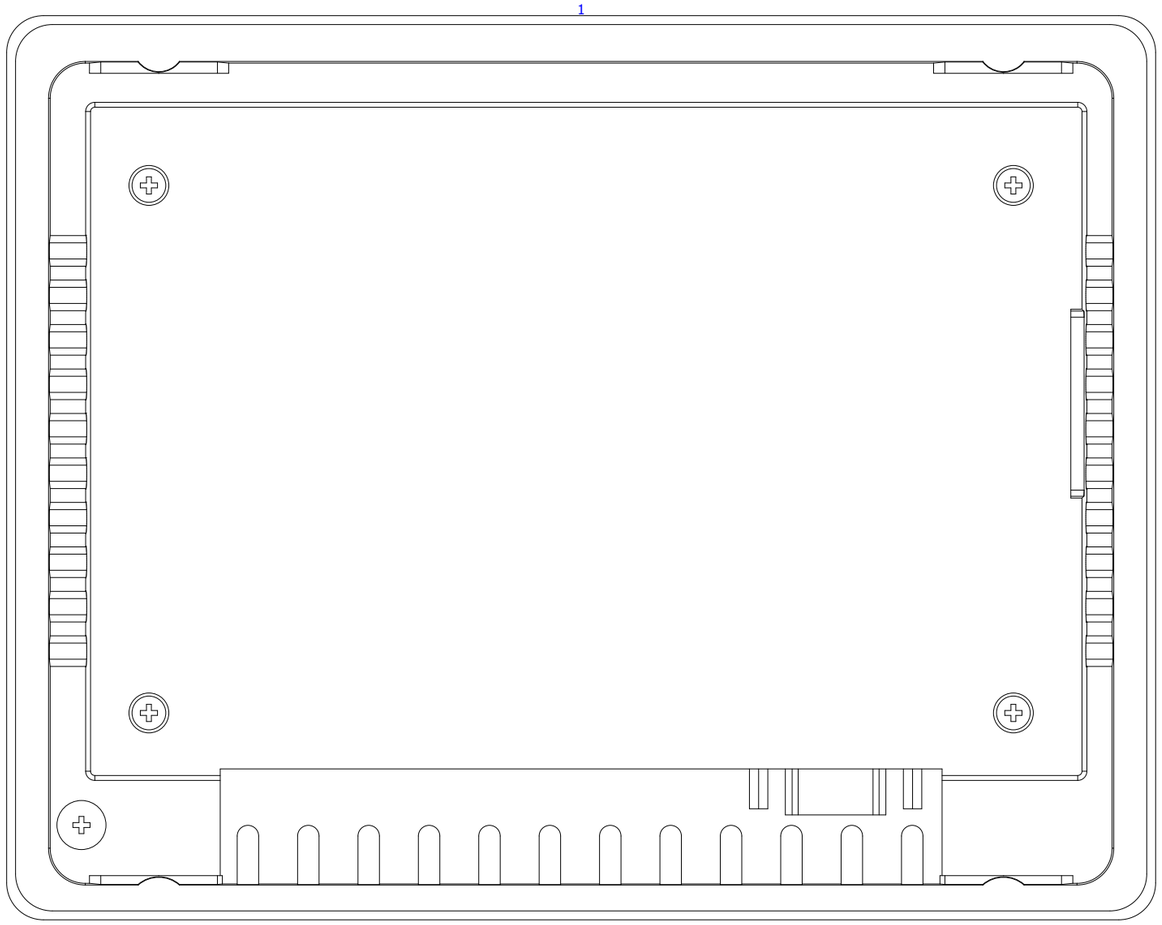
M2

-A1
ABB.1SAP540710R0001
CP6407
1

16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6407
			Page 2D_a
	Replacement of / Replaced by		Page 154 / 194

M2

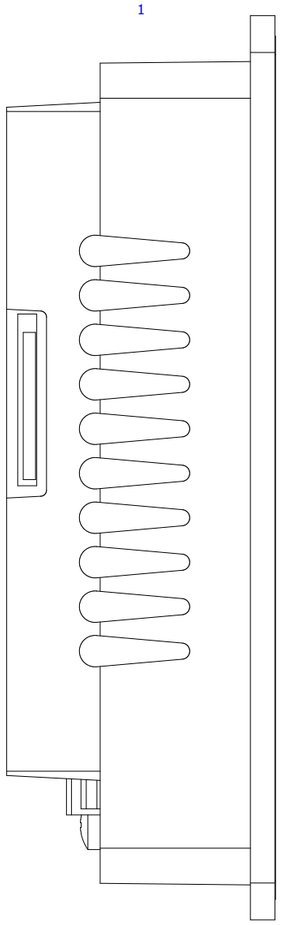
-A2
ABB.1SAP540710R0001
CP6407
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6407
	Replacement of / Replaced by		Page 2D_b
			Page 155 / 194

M2

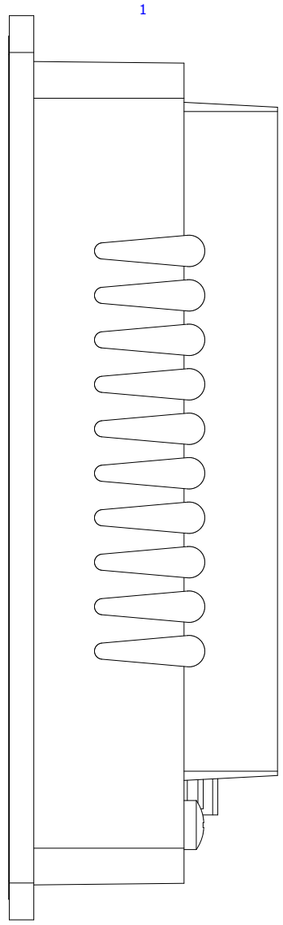
-A3
ABB.1SAP540710R0001
CP6407
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6407
	Replacement of / Replaced by		Page 2D_c
			Page 156 / 194

M2

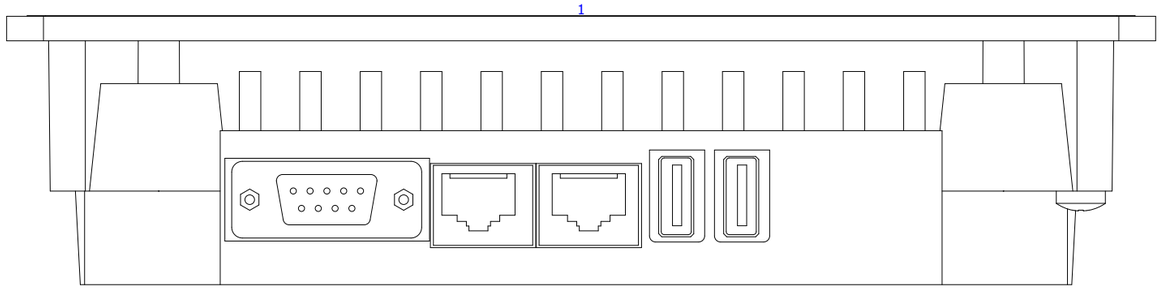
-A4
ABB.1SAP540710R0001
CP6407
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6407
	Replacement of / Replaced by		Page 2D_d
			Page 157 / 194

M2

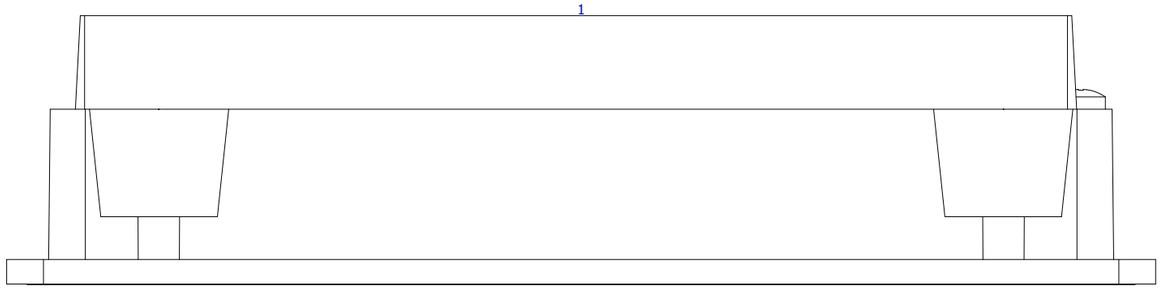
-A5
ABB.1SAP540710R0001
CP6407
1



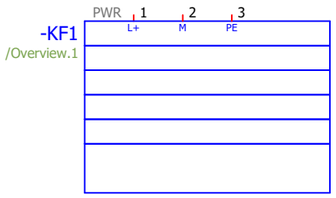
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6407
			Page 2D_e
	Replacement of / Replaced by		Page 158 / 194

M2

-A6
ABB.1SAP540710R0001
CP6407
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6407
	Replacement of / Replaced by		Page 2D_f
			Page 159 / 194

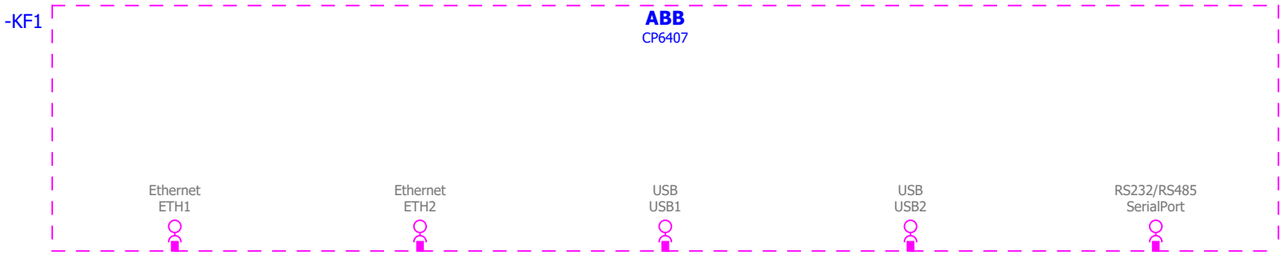


16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6407
	Replacement of / Replaced by		Page Multi-line
			Page 160 / 194

-KF1

ABB
CP6407

PWR:3 (PE)	/Multi-line.1	
PWR:1 (L+)	/Multi-line.0	
PWR:2 (M)	/Multi-line.1	
ETH1:	/Single-line.1	
ETH2:	/Single-line.2	
USB1:	/Single-line.3	
USB2:	/Single-line.4	
SerialPort:	/Single-line.5	



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ CP6407
	Replacement of / Replaced by		Page Single-line
			Page 162 / 194

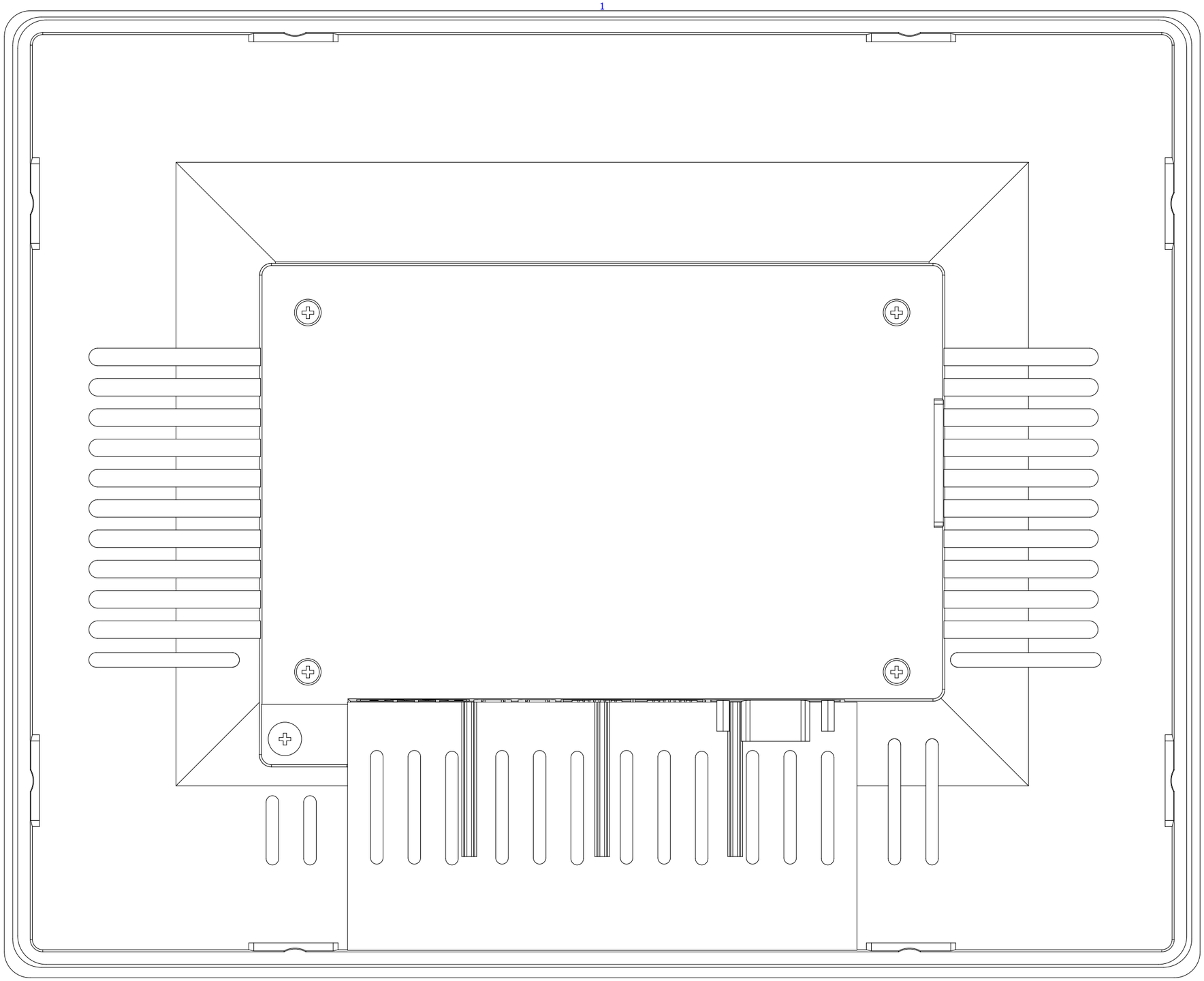
M2

-A1
ABB.1SAP541010R0001
CP6410
1

16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6410
	Replacement of	Replaced by	Page 2D_a
			Page 163 / 194

M2

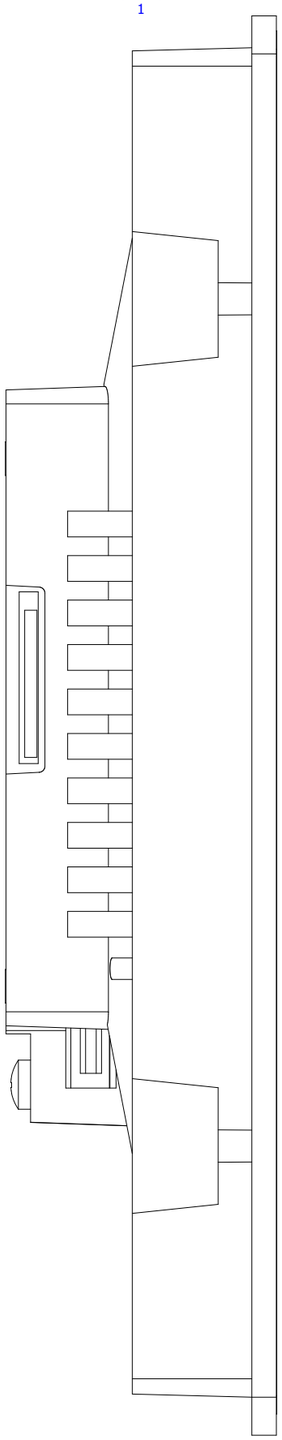
-A2
ABB.1SAP541010R0001
CP6410
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6410
	Replacement of / Replaced by		Page 2D_b
			Page 164 / 194

M2

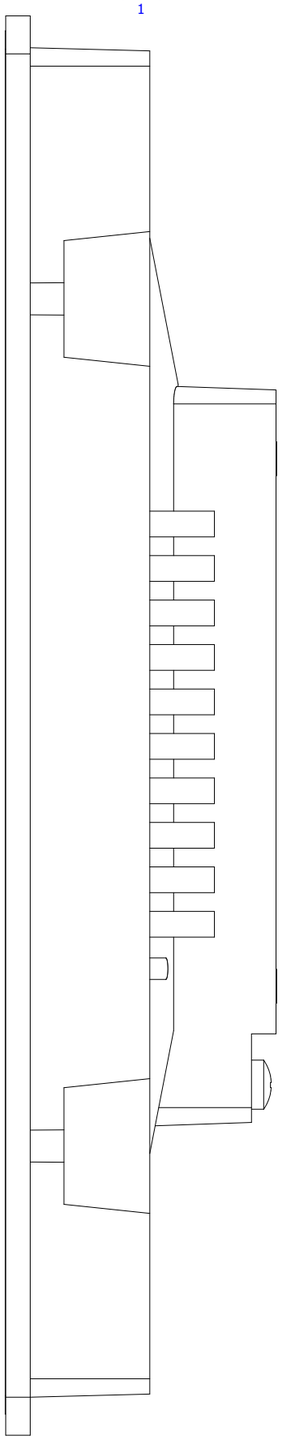
-A3
ABB.1SAP541010R0001
CP6410
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6410
	Replacement of / Replaced by		Page 2D_c
			Page 165 / 194

M2

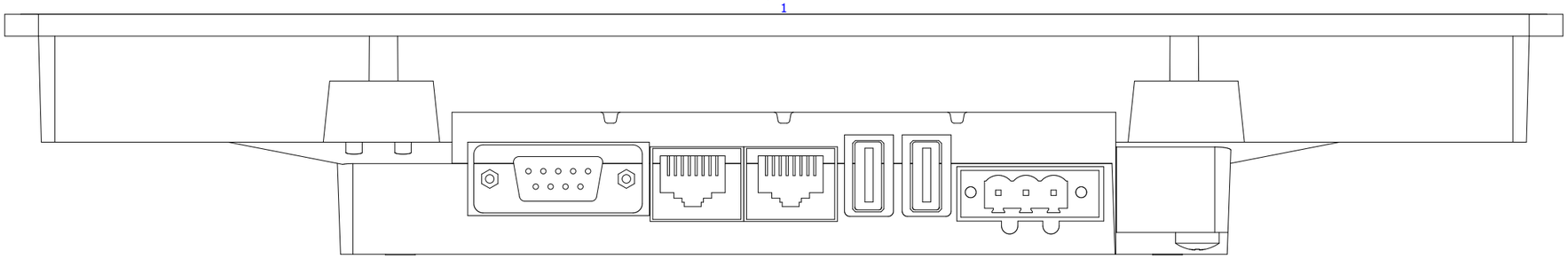
-A4
ABB.1SAP541010R0001
CP6410
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6410
	Replacement of / Replaced by		Page 2D_d
			Page 166 / 194

M2

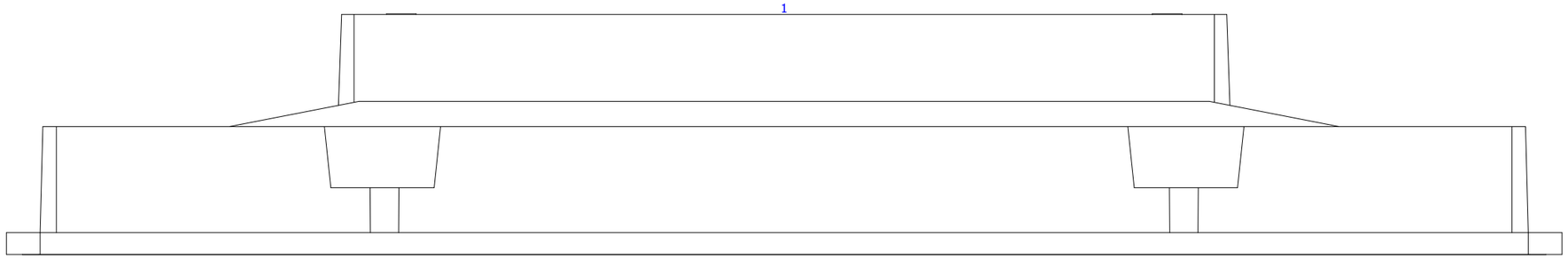
-A5
ABB.1SAP541010R0001
CP6410
1



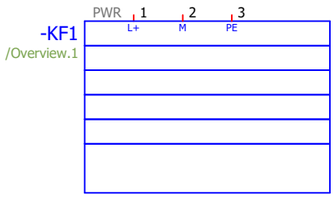
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6410
			Page 2D_e
	Replacement of / Replaced by		Page 167 / 194

M2

-A6
ABB.1SAP541010R0001
CP6410
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6410
	Replacement of / Replaced by		Page 2D_f
			Page 168 / 194

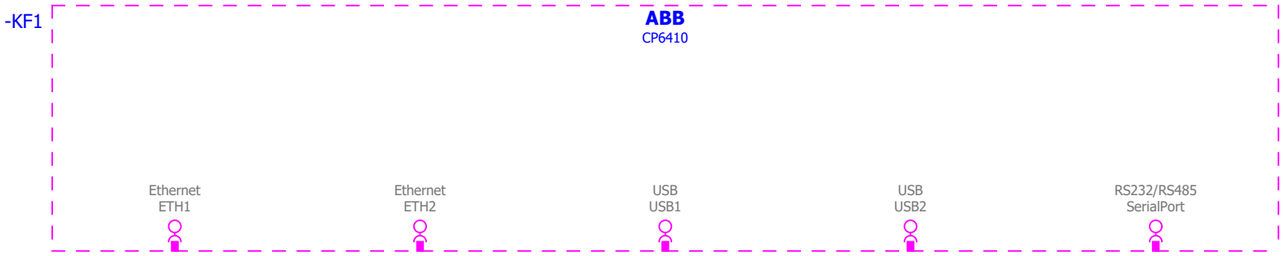


16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6410
	Replacement of / Replaced by		Page Multi-line
			Page 169 / 194

-KF1

ABB
CP6410

PWR:3 (PE)	/Multi-line.1	
PWR:1 (L+)	/Multi-line.0	
PWR:2 (M)	/Multi-line.1	
ETH1:	/Single-line.1	
ETH2:	/Single-line.2	
USB1:	/Single-line.3	
USB2:	/Single-line.4	
SerialPort:	/Single-line.5	



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ CP6410
	Replacement of / Replaced by		Page Single-line
			Page 171 / 194

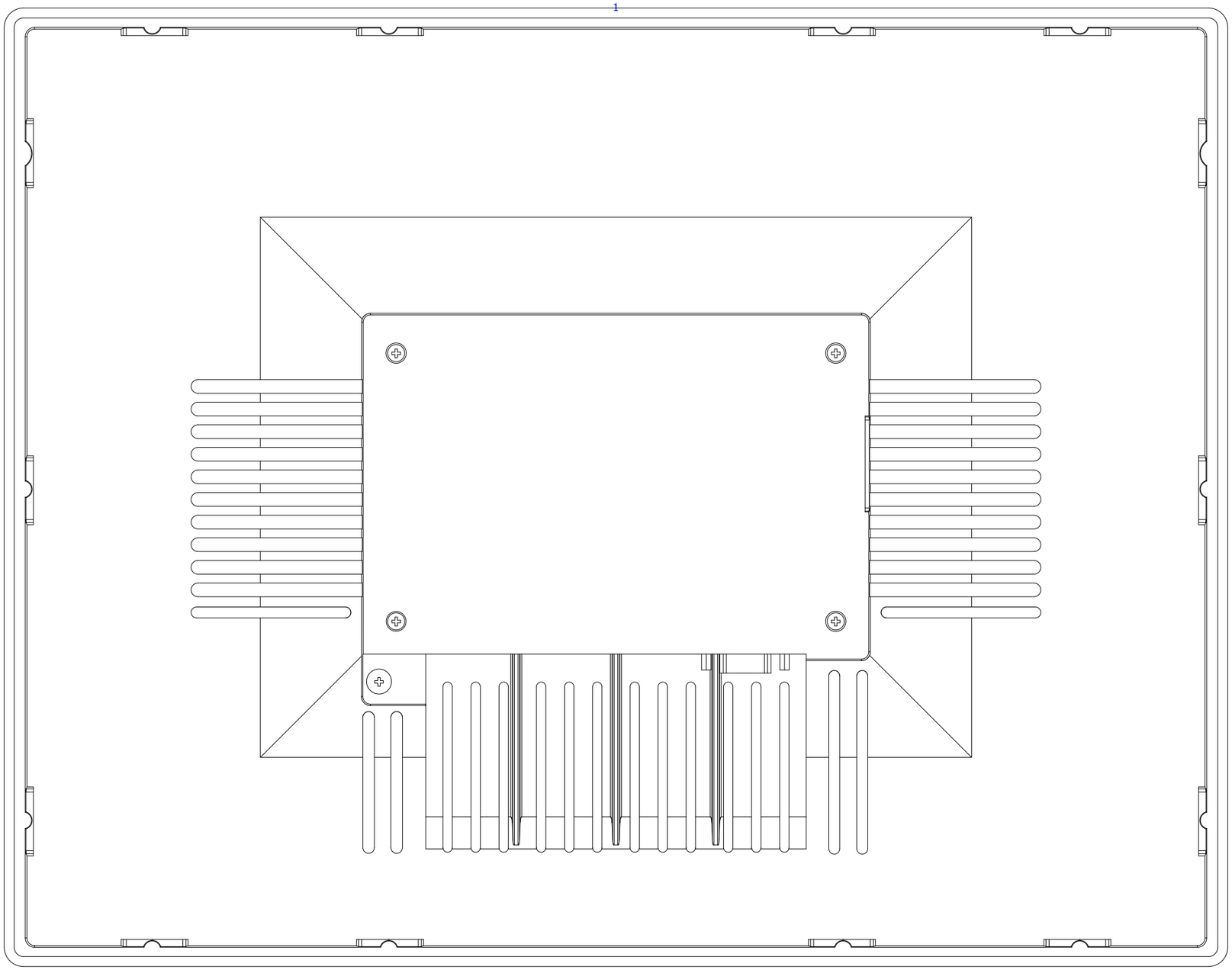
M2

-A1
ABB.1SAP541510R0001
CP6415
1

16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6415
	Replacement of	Replaced by	Page 2D_a
			Page 172 / 194

M2

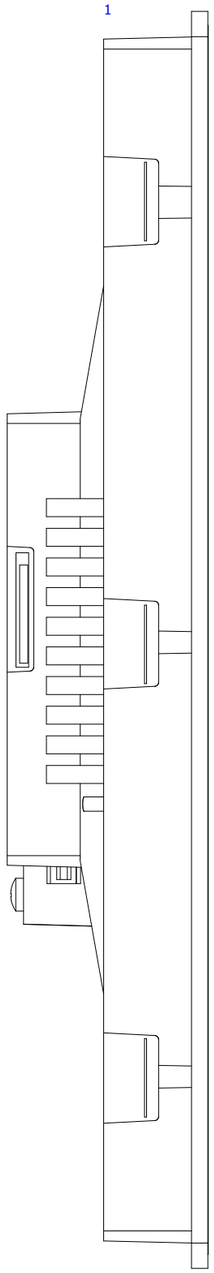
-A2
ABB.1SAP541510R0001
CP6415
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6415
	Replacement of / Replaced by		Page 2D_b
			Page 173 / 194

M2

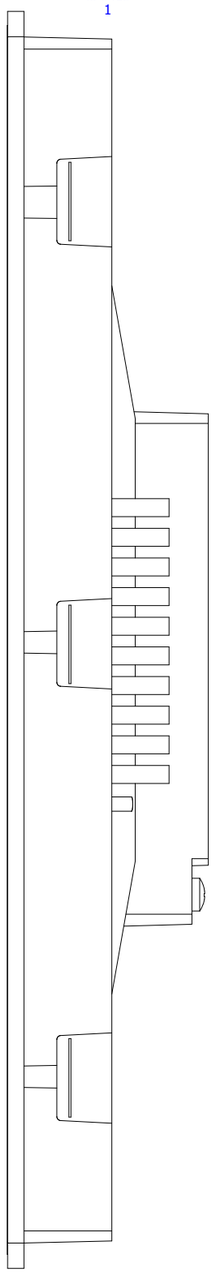
-A3
ABB.1SAP541510R0001
CP6415
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6415
	Replacement of / Replaced by		Page 2D_c
			Page 174 / 194

M2

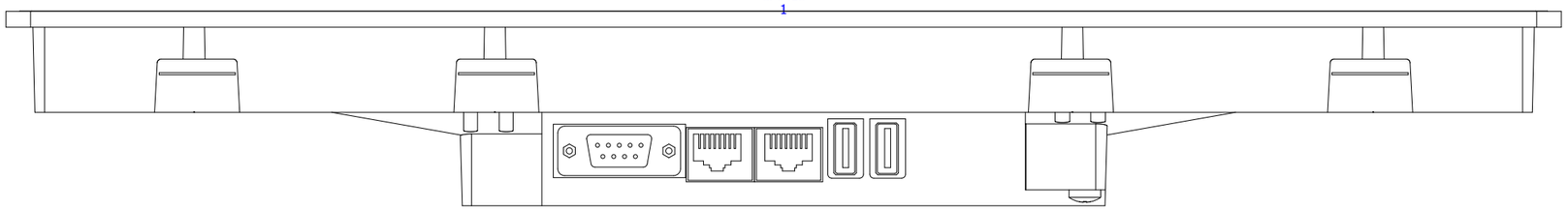
-A4
ABB.1SAP541510R0001
CP6415
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6415
	Replacement of / Replaced by		Page 2D_d
			Page 175 / 194

M2

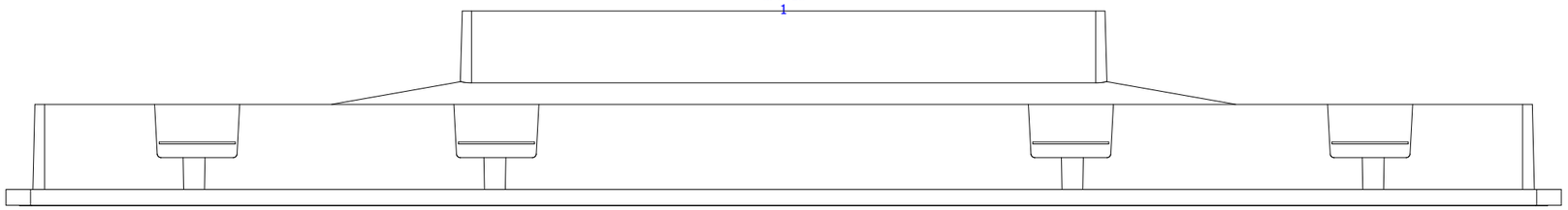
-A5
ABB.1SAP541510R0001
CP6415
1



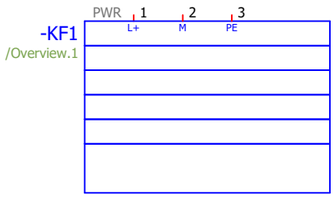
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6415
			Page 2D_e
	Replacement of / Replaced by		Page 176 / 194

M2

-A6
ABB.1SAP541510R0001
CP6415
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6415
	Replacement of / Replaced by		Page 2D_f
			Page 177 / 194

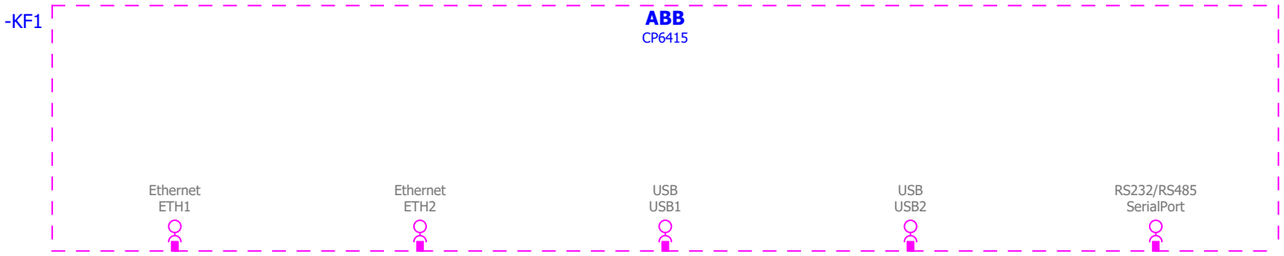


16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ CP6415
	Replacement of / Replaced by		Page Multi-line
			Page 178 / 194

-KF1

ABB
CP6415

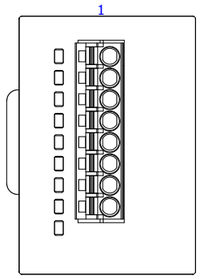
PWR:3 (PE)	/Multi-line.1	
PWR:1 (L+)	/Multi-line.0	
PWR:2 (M)	/Multi-line.1	
ETH1:	/Single-line.1	
ETH2:	/Single-line.2	
USB1:	/Single-line.3	
USB2:	/Single-line.4	
SerialPort:	/Single-line.5	



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ CP6415
	Replacement of / Replaced by		Page Single-line
			Page 180 / 194

M2

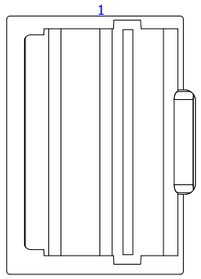
-A1
ABB.1SAP187100R0004
TA5122-2AI-TC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5122-2AI-TC
			Page 2D_a
	Replacement of / Replaced by		Page 181 / 194

M2

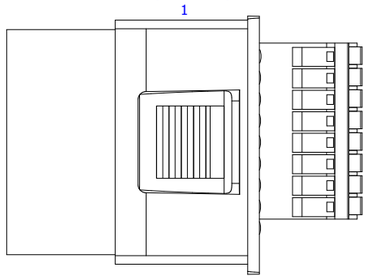
-A2
ABB.1SAP187100R0004
TA5122-2AI-TC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5122-2AI-TC
	Replacement of / Replaced by		Page 2D_b
			Page 182 / 194

M2

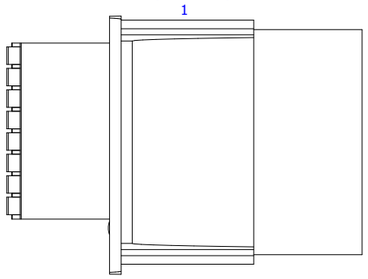
-A3
ABB.1SAP187100R0004
TA5122-2AI-TC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5122-2AI-TC
	Replacement of / Replaced by		Page 2D_c
			Page 183 / 194

M2

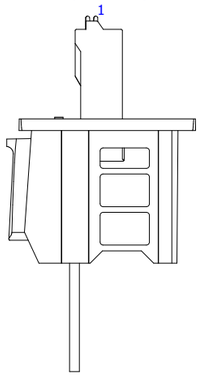
-A4
ABB.1SAP187100R0004
TA5122-2AI-TC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5122-2AI-TC
	Replacement of / Replaced by		Page 2D_d
			Page 184 / 194

M2

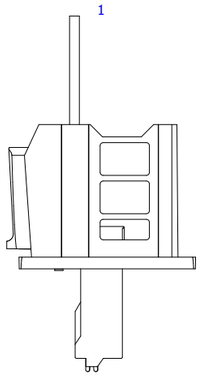
-A5
ABB.1SAP187100R0004
TA5122-2AI-TC
1



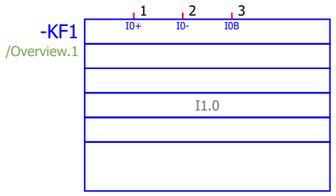
16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5122-2AI-TC
	Replacement of / Replaced by		Page 2D_e
			Page 185 / 194

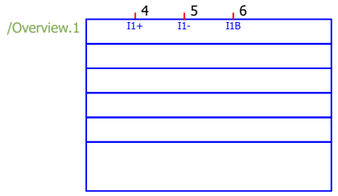
M2

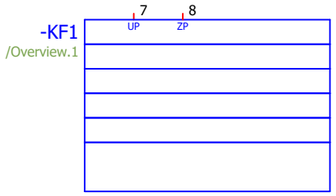
-A6
ABB.1SAP187100R0004
TA5122-2AI-TC
1



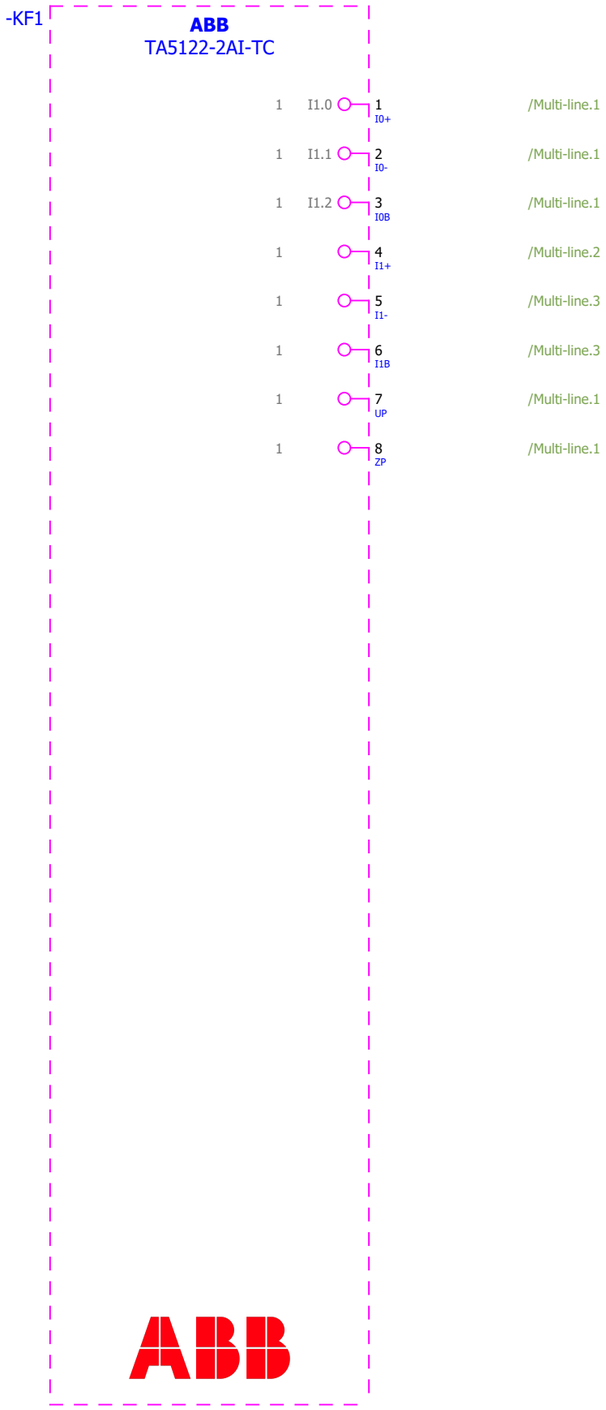
16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c,	+ TA5122-2AI-TC
		86153 Augsburg, Germany	Page 2D_f
	Replacement of / Replaced by		Page 186 / 194







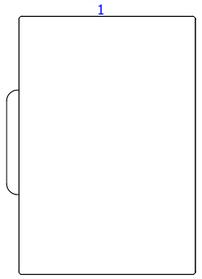
16.3.2022.	Client: ABB		Created by: CADENAS GmbH	=
Cadenas			Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5122-2AI-TC
				Page Multi-line
	Replacement of	Replaced by		Page 187 / 194



16.3.2022.	Client: ABB	Created by: CADENAS GmbH	=
Cadenas		Berliner Allee 28 b+c, 86153 Augsburg, Germany	+ TA5122-2AI-TC
	Replacement of / Replaced by		Page Overview
			Page 188 / 194

M2

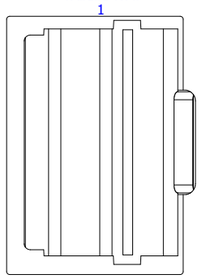
-1
ABB.1SAP187200R0002
TA5131-RTC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5131-RTC
			Page 2D_a
	Replacement of / Replaced by		Page 189 / 194

M2

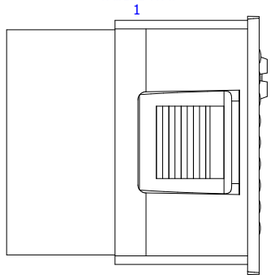
-2
ABB.1SAP187200R0002
TA5131-RTC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5131-RTC
	Replacement of / Replaced by		Page 2D_b
			Page 190 / 194

M2

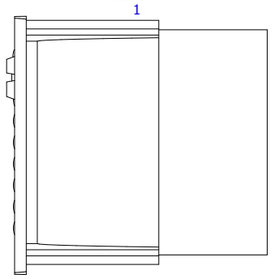
-3
ABB.1SAP187200R0002
TA5131-RTC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5131-RTC
	Replacement of / Replaced by		Page 2D_c
			Page 191 / 194

M2

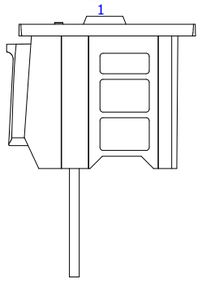
-4
ABB.1SAP187200R0002
TA5131-RTC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5131-RTC
	Replacement of / Replaced by		Page 2D_d
			Page 192 / 194

M2

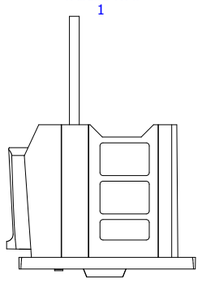
-5
ABB.1SAP187200R0002
TA5131-RTC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5131-RTC
	Replacement of / Replaced by		Page 2D_e
			Page 193 / 194

M2

-6
ABB.1SAP187200R0002
TA5131-RTC
1



16.3.2022.	Client: ABB	Created by: CADENAS GmbH Berliner Allee 28 b+c, 86153 Augsburg, Germany	=
Cadenas			+ TA5131-RTC
	Replacement of / Replaced by		Page 2D_f
			Page 194 / 194