EPLAN Software & Service
GmbH & Co. KG

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Company / customer	EPLAN
Project description	Sample project
Job number	EPLAN DEMO
Commission	EPLAN
Manufacturer (company)	EPLAN Software & Service GmbH & Co. KG
Path	EPLAN sample project
Project name	EPLAN-DEMO_V6.9_20210712094722
Make	Universal VESA
Type	AT78
Place of installation	+ET1
Responsible for project	
Part feature	Special paint finish

Created on	12/5/2010			
Edit date	2/7/2024	by (short name)	DESKTOP	Number of pages 167

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F06_004

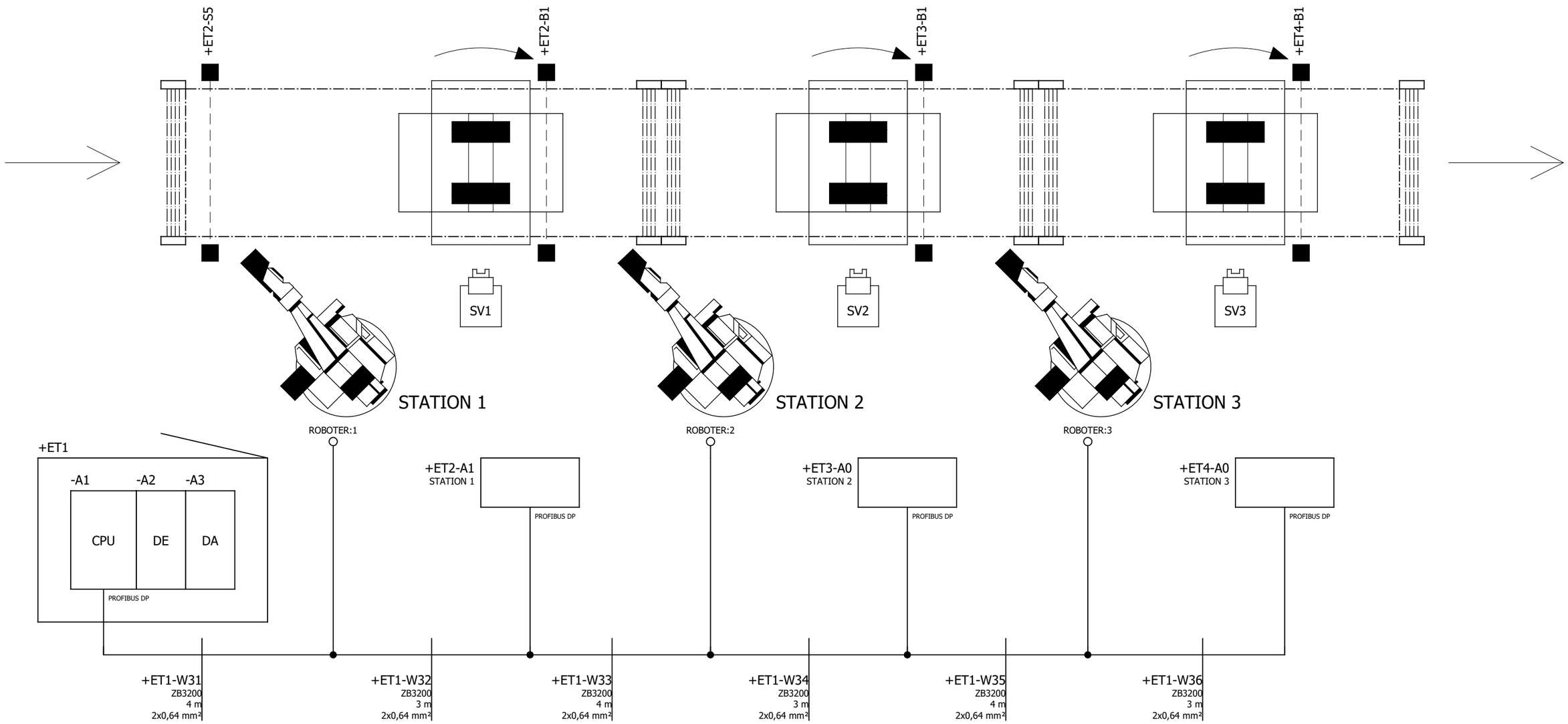
Structure identifier overview

F24_001

Full designation	Labeling	Structure description	Full designation	Labeling	Structure description
=CA1	Higher-level function	Total plant documentation			
=EB3	Higher-level function	Production line			
=FB3	Higher-level function	Production line			
=REPORT	Higher-level function	Report			
+EAA	Mounting location	Plant documentation			
+ETD	Mounting location	ET Plant documentation			
+ETA	Mounting location	Plant overview			
+ET1	Mounting location	Control ET1			
+ET2	Mounting location	Control ET2			
+ET3	Mounting location	Control ET3			
+ET4	Mounting location	Control ET4			
+EBS	Mounting location	Bus system			
+ETM	Mounting location	Mechanical structure			
+FTA	Mounting location	Plant overview			
+FT1	Mounting location	Control FT1			
+FT2	Mounting location	Control FT2			
+FT3	Mounting location	Control FT3			
+FT4	Mounting location	Control FT4			
+FTM	Mounting location	Mechanical structure			
+TERM_KL	Mounting location	Terminal documentation			
+PLG_ST	Mounting location	Plug documentation			
+CBL_KBL	Mounting location	Cable documentation			
+CON_VBL	Mounting location	Connection documentation			
+PART_STKL	Mounting location	Part and device tag lists			
+PLC_SPS	Mounting location	PLC-documentation			
1	Anlagennummer(Fluid)				

Plant overview Profibus

Production line



			Date	12/17/2010	EPLAN		EPLAN Software & Service GmbH & Co. KG	Plant overview Profibus	= EB3
			Ed.	EPL					+ ETA
			Appr.		Sample project			EPLAN DEMO	Page 1
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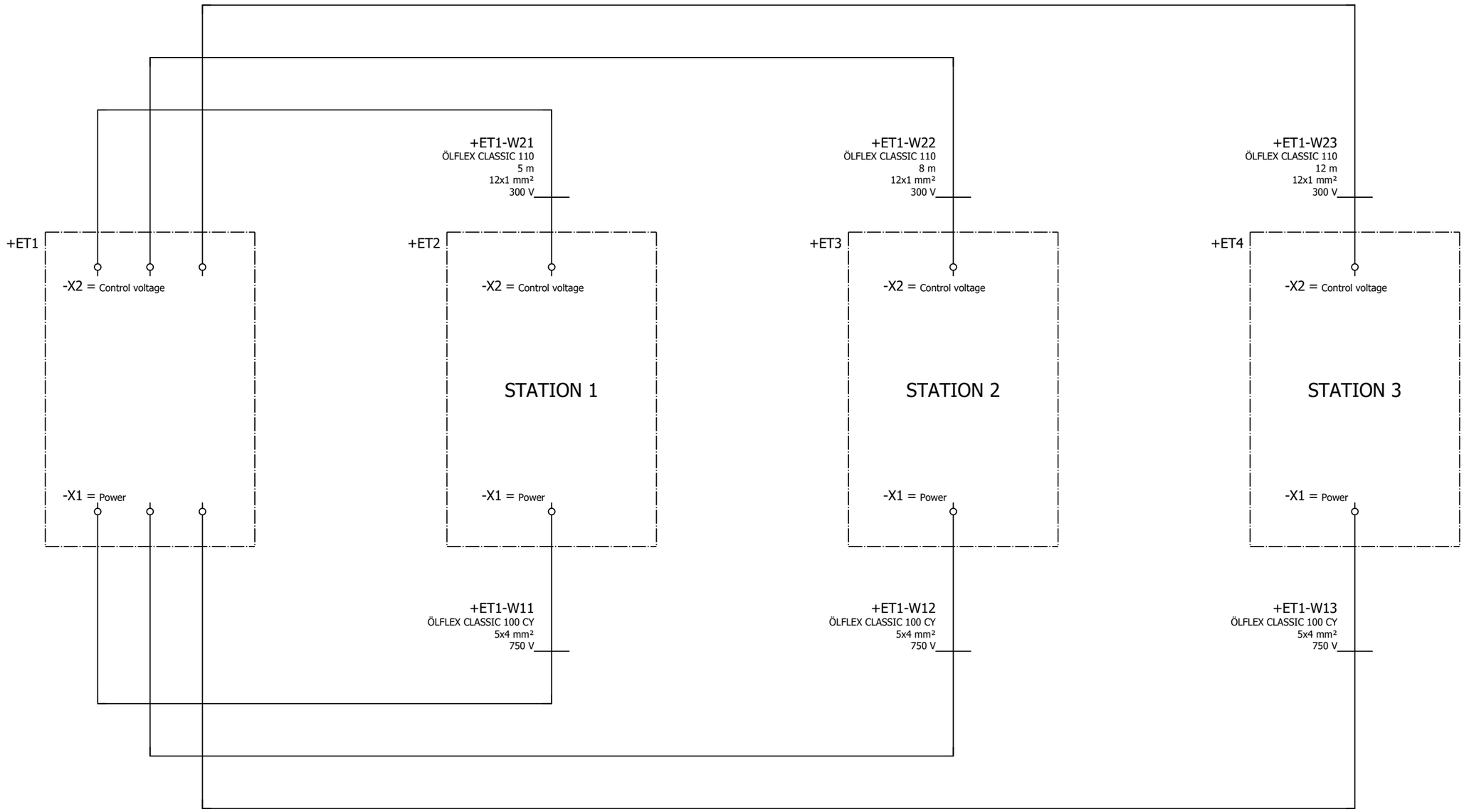
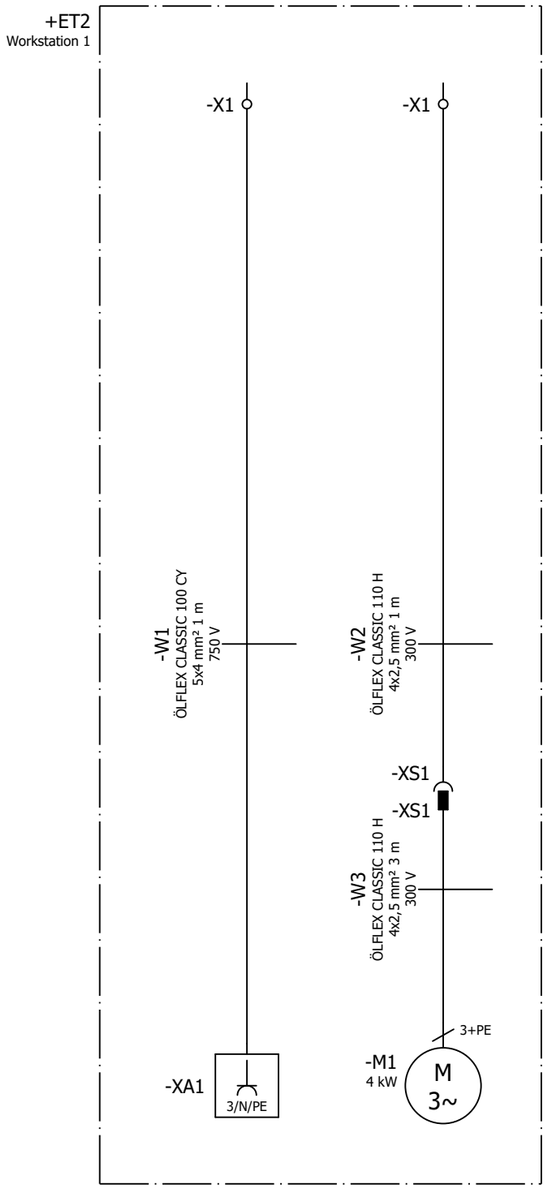
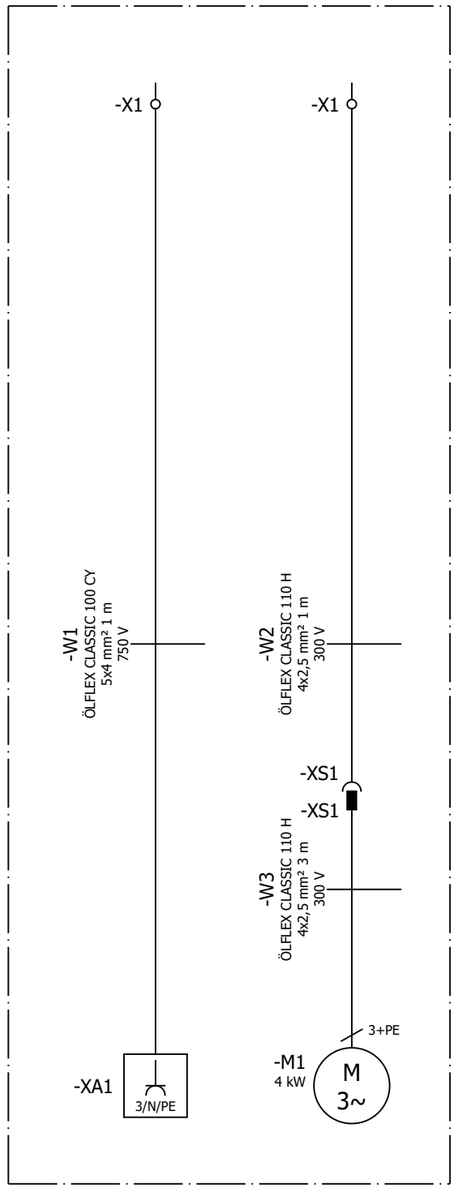
Plant overview

Production line

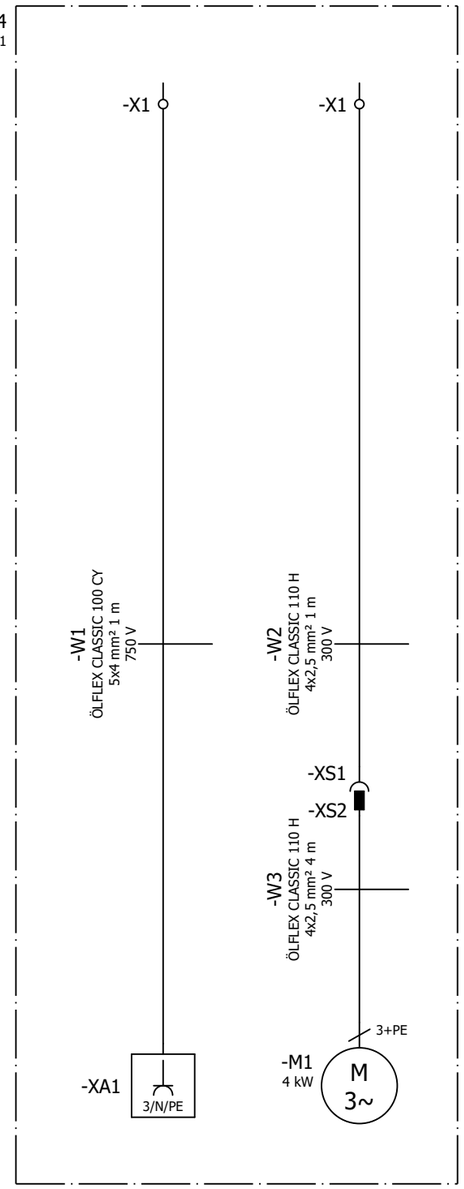




Robot 1 Conveyor belt drive 1



Robot 2 Conveyor belt drive 2



Robot 3 Conveyor belt drive 3

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Drives overview		= EB3
			Ed.	EPL					+ ETA
			Appr.		Sample project			EPLAN DEMO	Page 3
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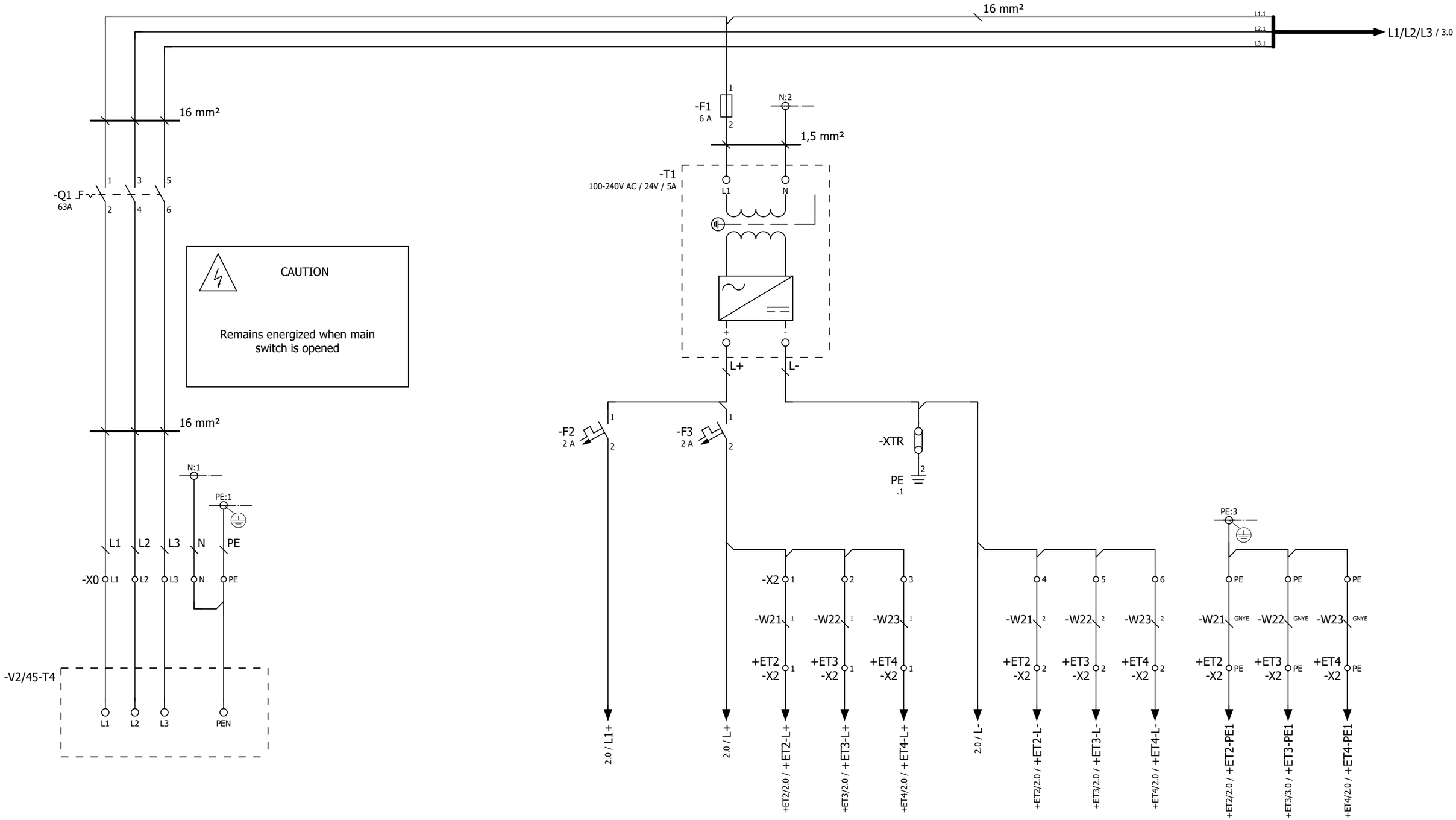

Network supply of V2/45-T4

Distribution 24V DC

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Power supply	= EB3	
			Ed.	EPL				+ ET1	
			Appr.		Sample project			EPLAN DEMO	Page 1
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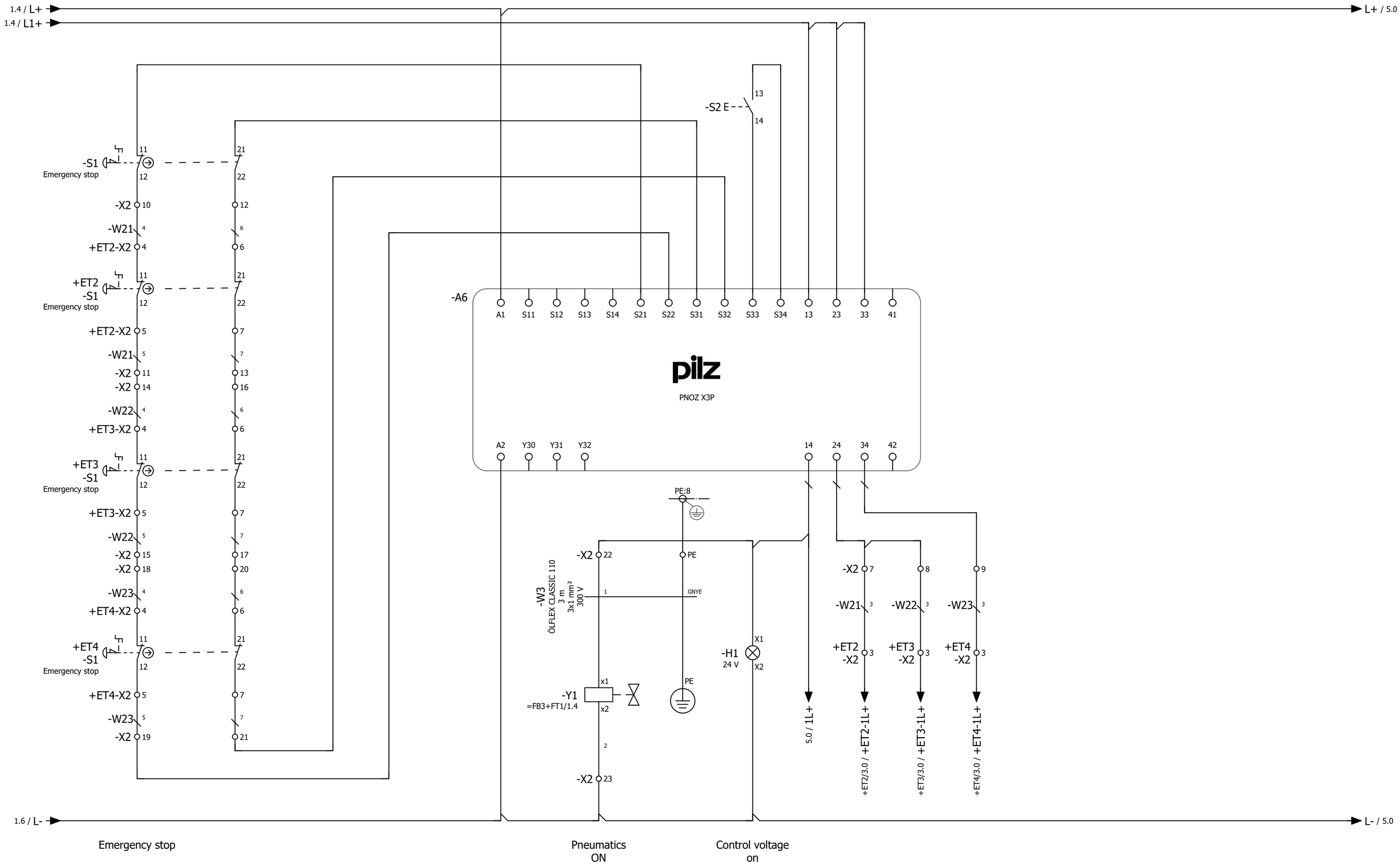
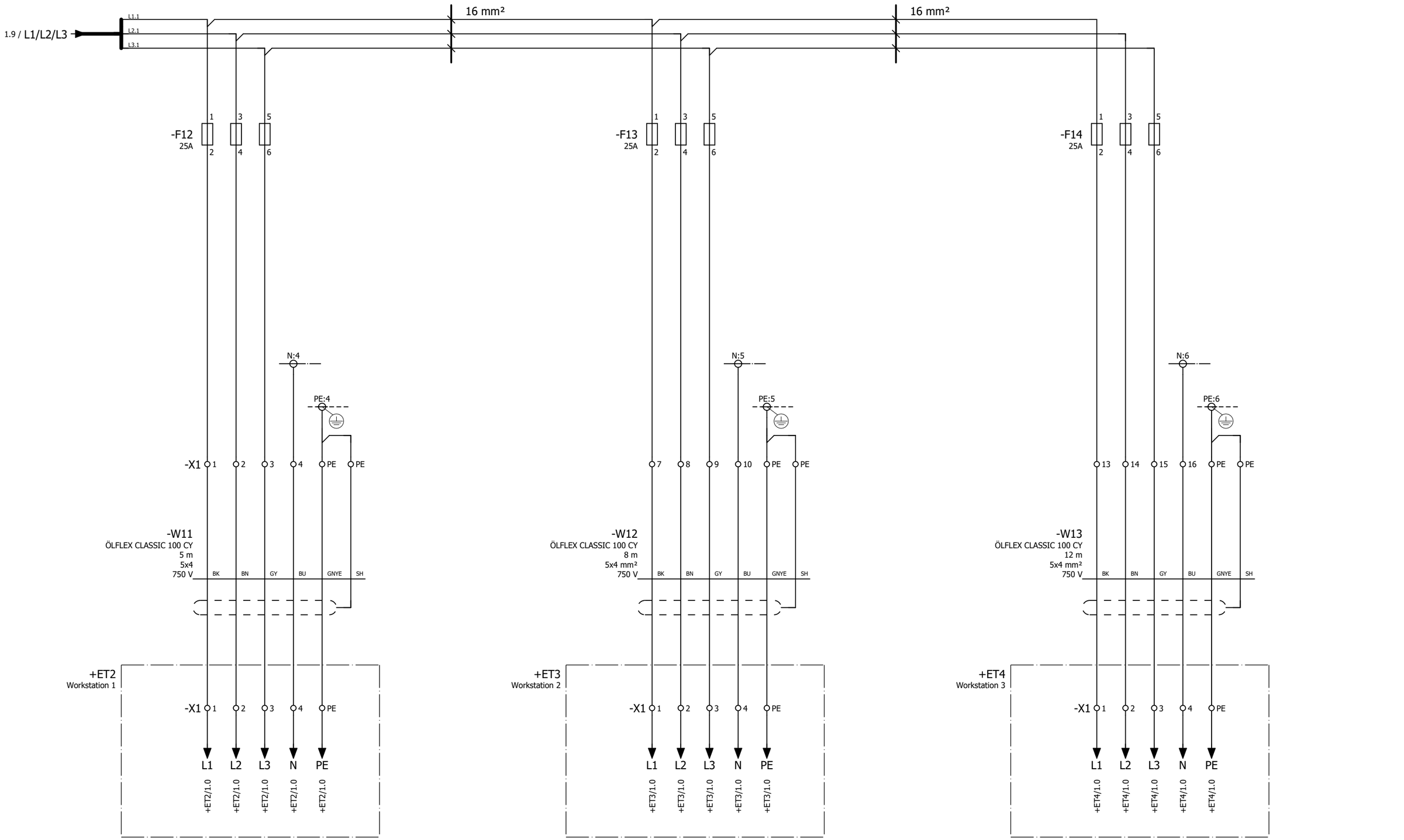


1 3

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Emergency stop	= EB3	
			Ed.	EPL				+ ET1	
			Appr.		Sample project			EPLAN DEMO	Page 2
Modification	Date	Name	Original		Replacement of	Replaced by			Page 14 / 167



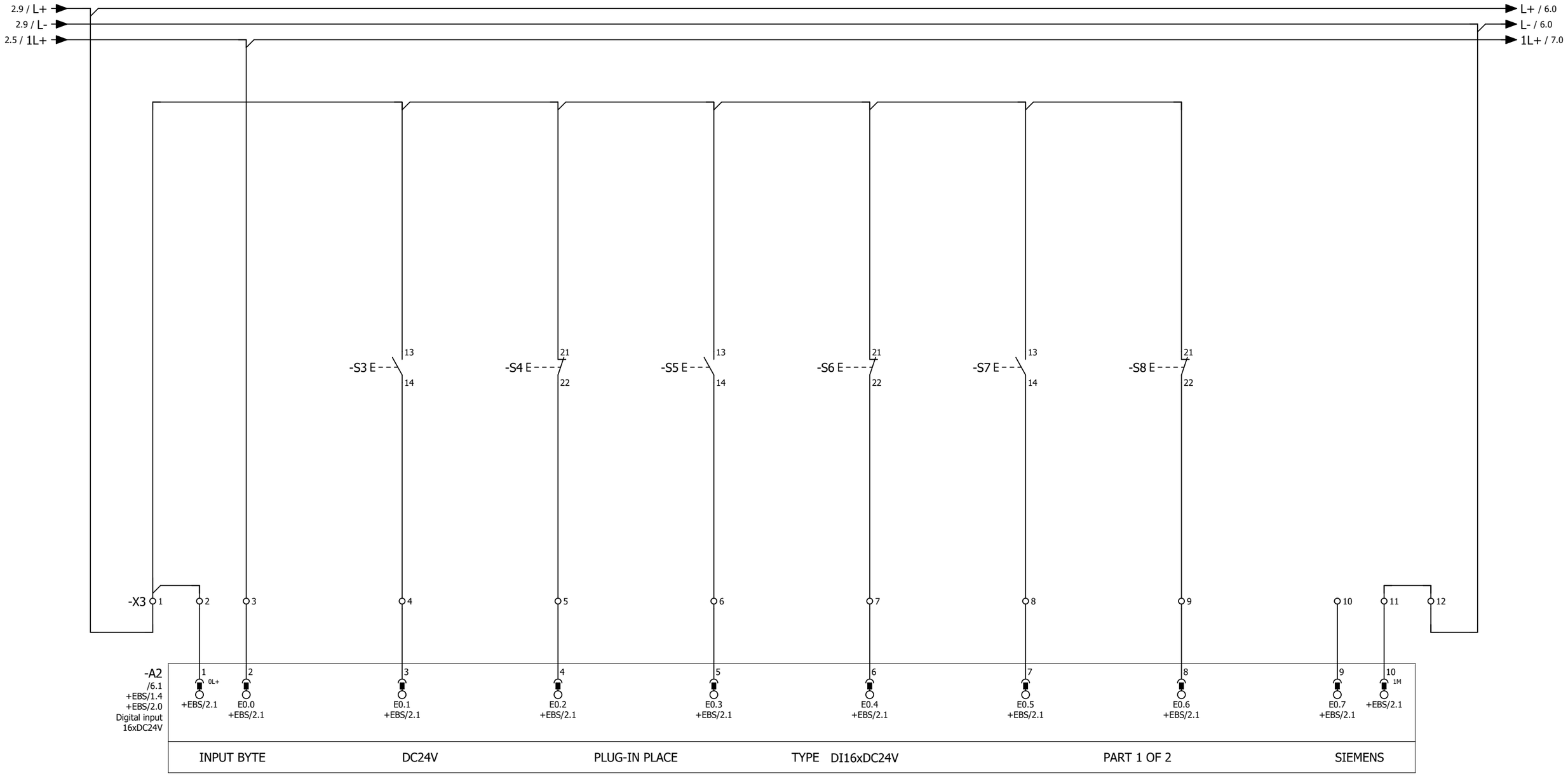
Power supply Workstation 1

Power supply Workstation 2

Power supply Workstation 3

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Power supply: Stations		= EB3
			Ed.	EPL					+ ET1
			Appr.		Sample project			EPLAN DEMO	Page 3
Modification	Date	Name	Original		Replacement of	Replaced by			Page 15 / 167

0	1	2	3	4	5	6	7	8	9



Control voltage on

Conveyor belt 1 on

Conveyor belt 1 off

Conveyor belt 2 on

Conveyor belt 2 off

Conveyor belt 3 on

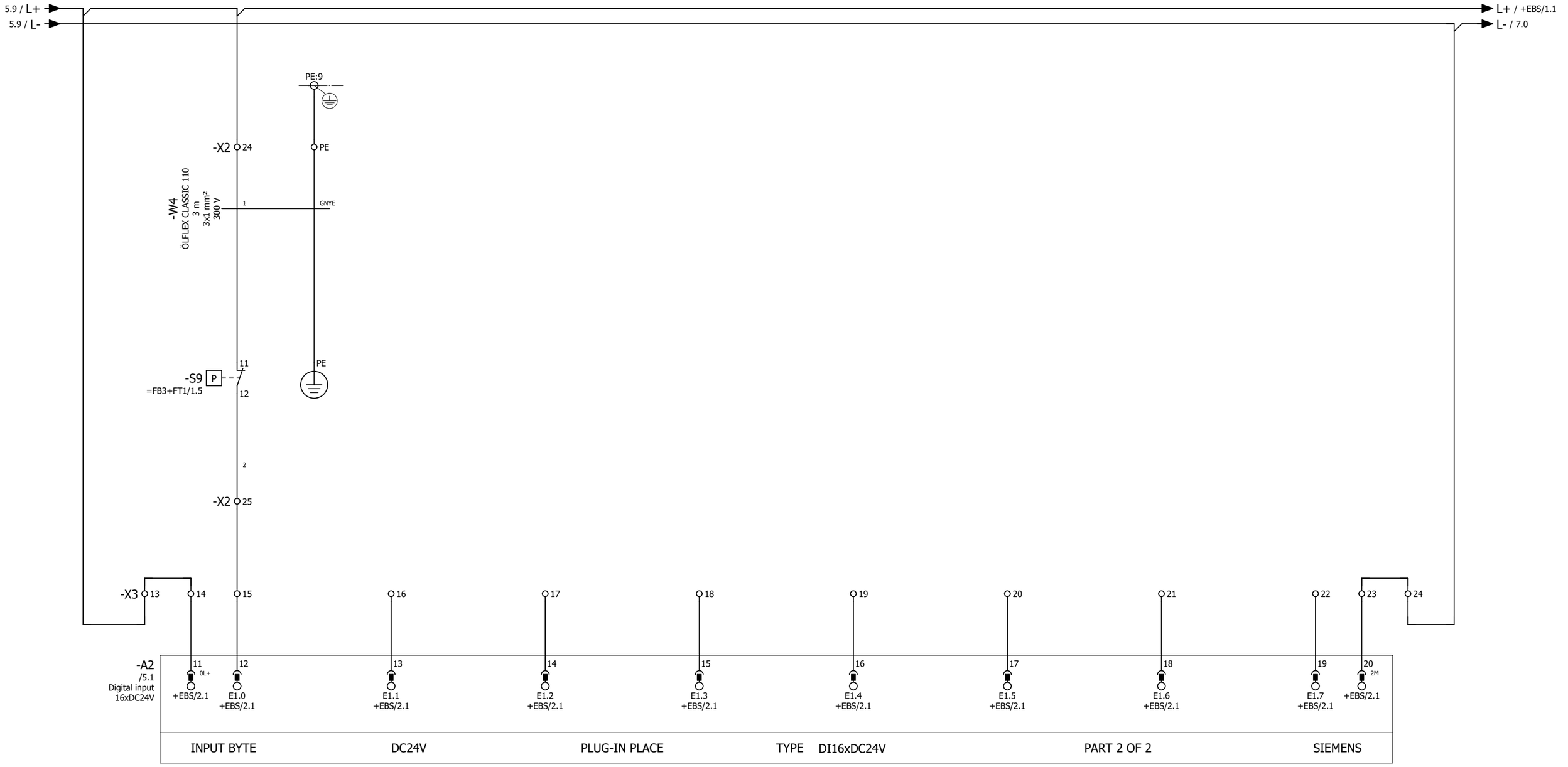
Conveyor belt 3 off

Spare

3

6

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	EB Control		= EB3
			Ed.	EPL					+ ET1
			Appr.		Sample project			EPLAN DEMO	Page 5
Modification	Date	Name	Original		Replacement of	Replaced by			Page 16 / 167



			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	EB Spare		= EB3
			Ed.	EPL					+ ET1
			Appr.		Sample project			EPLAN DEMO	Page 6
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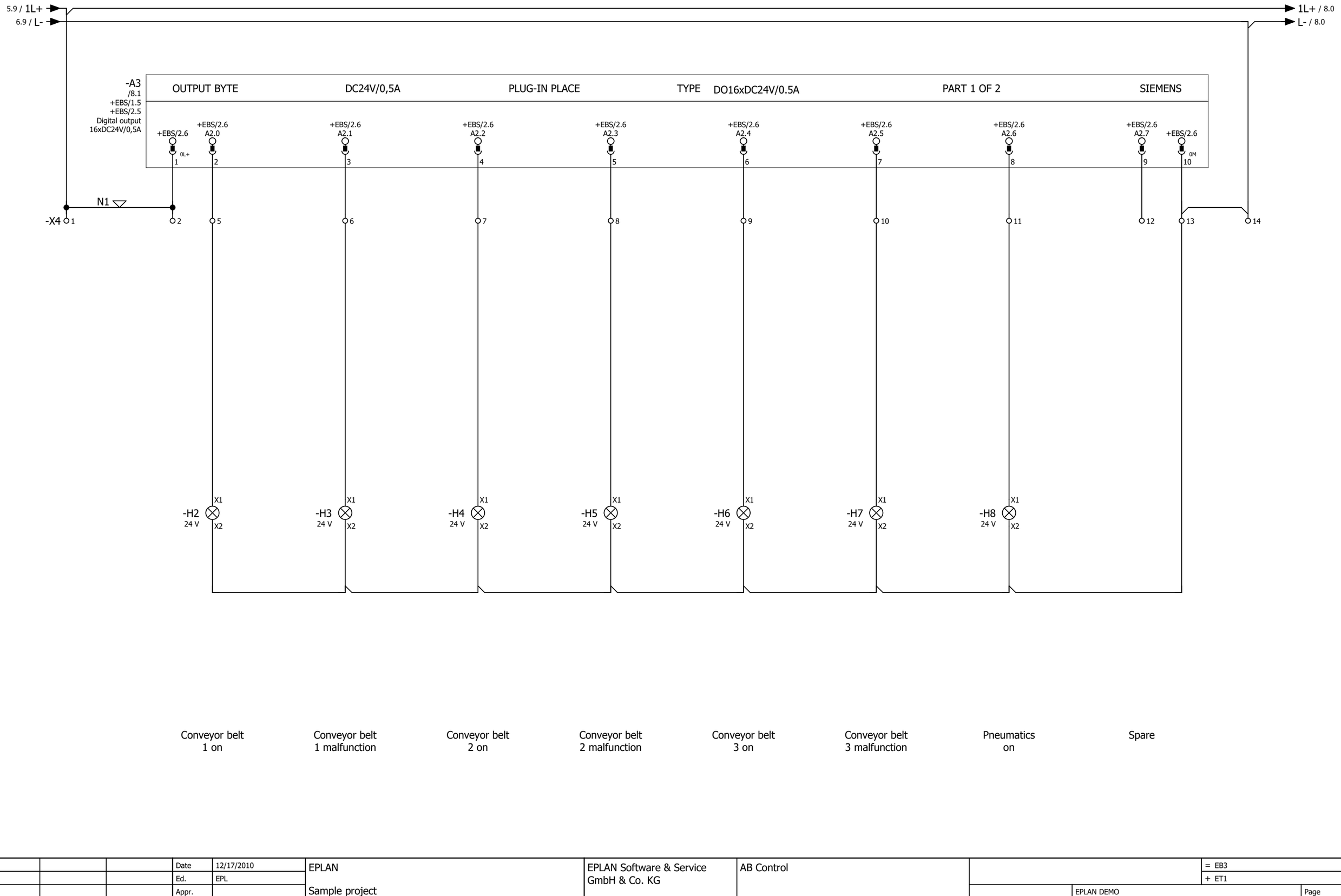
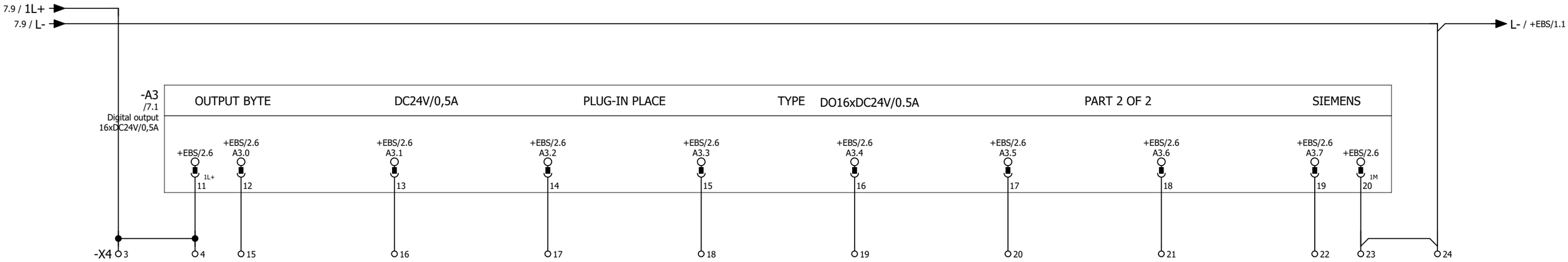


			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	AB Control		= EB3
			Ed.	EPL					+ ET1
			Appr.		Sample project			EPLAN DEMO	Page 7
Modification	Date	Name	Original		Replacement of	Replaced by			Page 18 / 167



Spare Spare Spare Spare Spare Spare Spare Spare

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	AB Spare		= EB3
			Ed.	EPL					+ ET1
			Appr.		Sample project			EPLAN DEMO	Page 8
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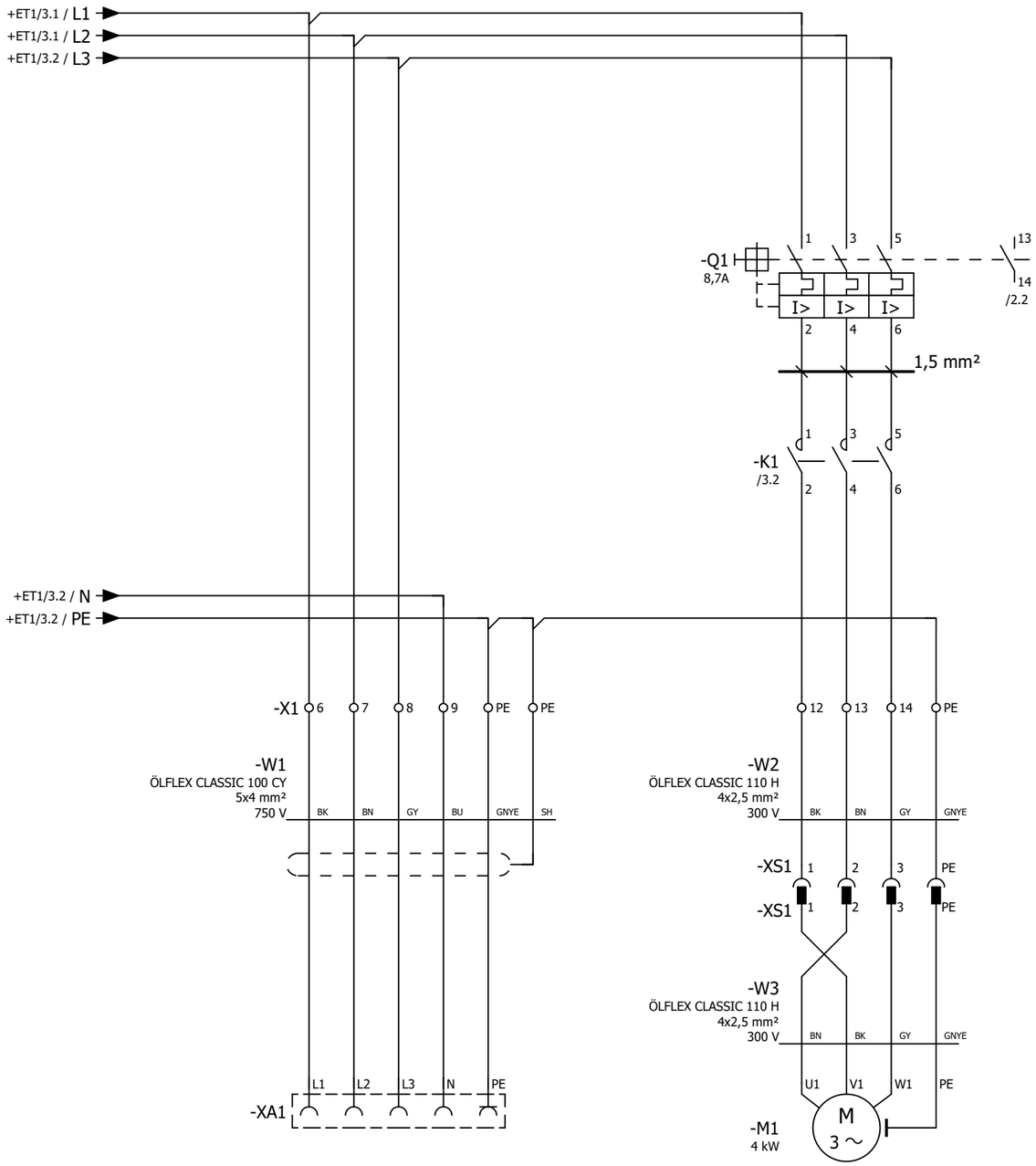


Robot 1

Conveyor belt drive 1

Terminal diagram

F13_006

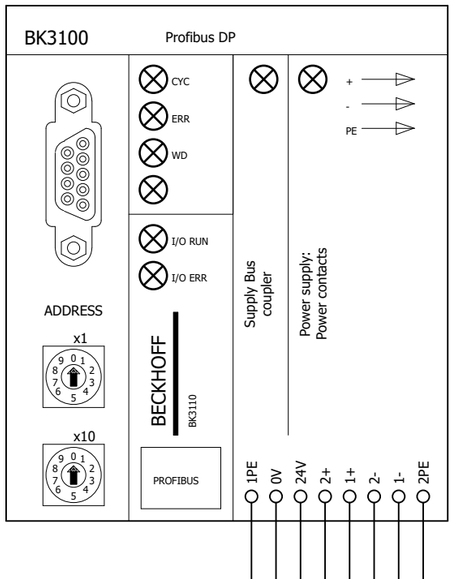
Function text	Target designation to	Connection point	Terminal	Target designation to	Connection point	Page / path
			=EB3+ET2-X1			
Power supply Workstation 1	+ET1-X1	1	1	-X1	6	+ET1/3.1
=	+ET1-X1	2	2	-X1	7	+ET1/3.1
=	+ET1-X1	3	3	-X1	8	+ET1/3.2
=	+ET1-X1	4	4	-X1	9	+ET1/3.2
=	+ET1-X1	PE	PE	-X1	PE	+ET1/3.2
Robot 1	-XA1	L1	6	-Q1	1	/1.1
				-X1	1	
Robot 1	-XA1	L2	7	-Q1	3	/1.1
				-X1	2	
Robot 1	-XA1	L3	8	-Q1	5	/1.2
				-X1	3	
Robot 1	-XA1	N	9	-X1	4	/1.2
=	-XA1	PE	PE	-X1	PE	/1.2
				-X1	PE	
Robot 1	-W1	SH	PE	-X1	PE	/1.2
				-X1	PE	
Conveyor belt drive 1	-XS1	1	12	-K1	2	/1.3
=	-XS1	2	13	-K1	4	/1.4
=	-XS1	3	14	-K1	6	/1.4
=	-XS1	PE	PE	-X1	PE	/1.4

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Drives Workstation 1		= EB3
			Ed.	EPL					+ ET2
			Appr.		Sample project			EPLAN DEMO	Page 1
Modification	Date	Name	Original		Replacement of	Replaced by			Page 20 / 167

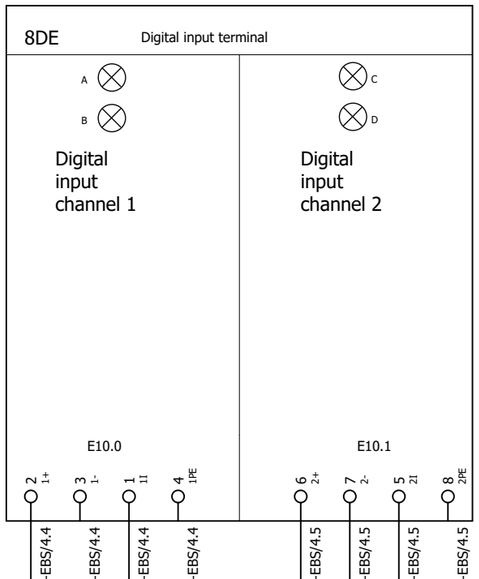
STATION 1

Contour processing

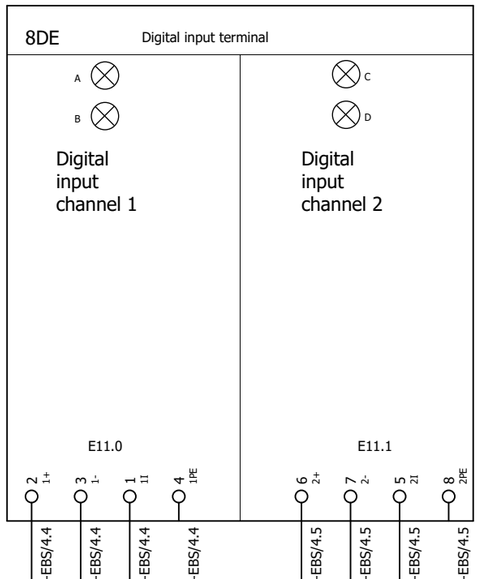
-A1
+EBS/3.3
STATION 1



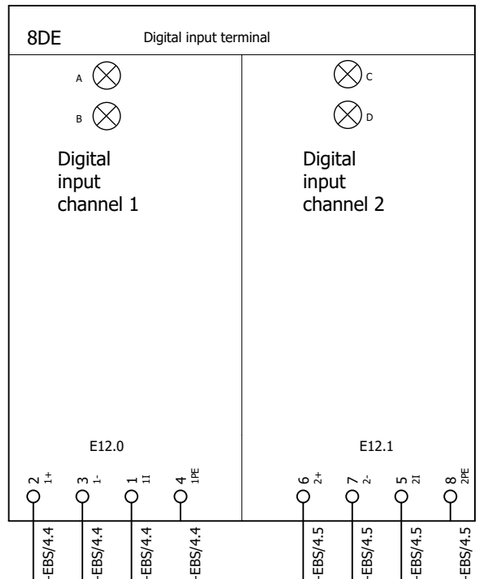
-A2
+EBS/3.4
+EBS/4.4

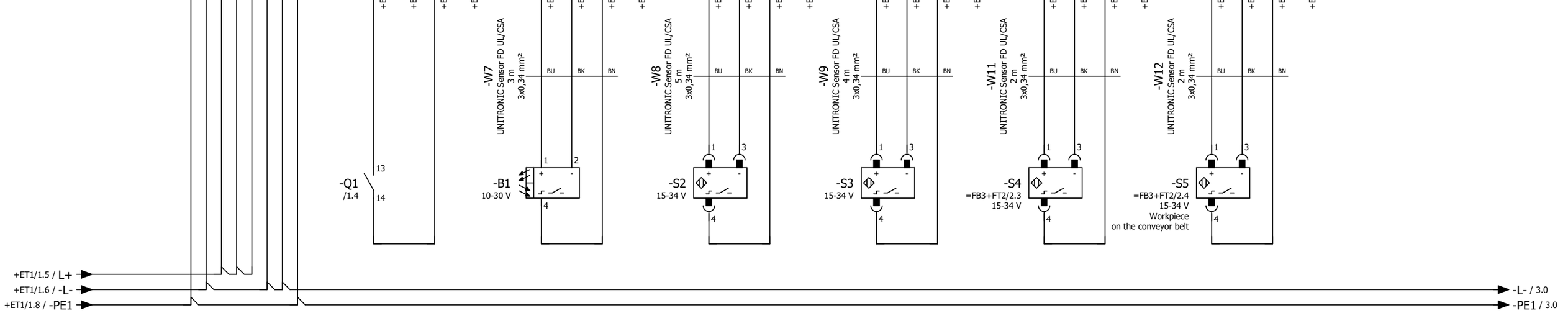


-A3
+EBS/3.4
+EBS/4.4



-A4
+EBS/3.4
+EBS/4.4





Conveyor belt malfunction

Conveyor belt in use

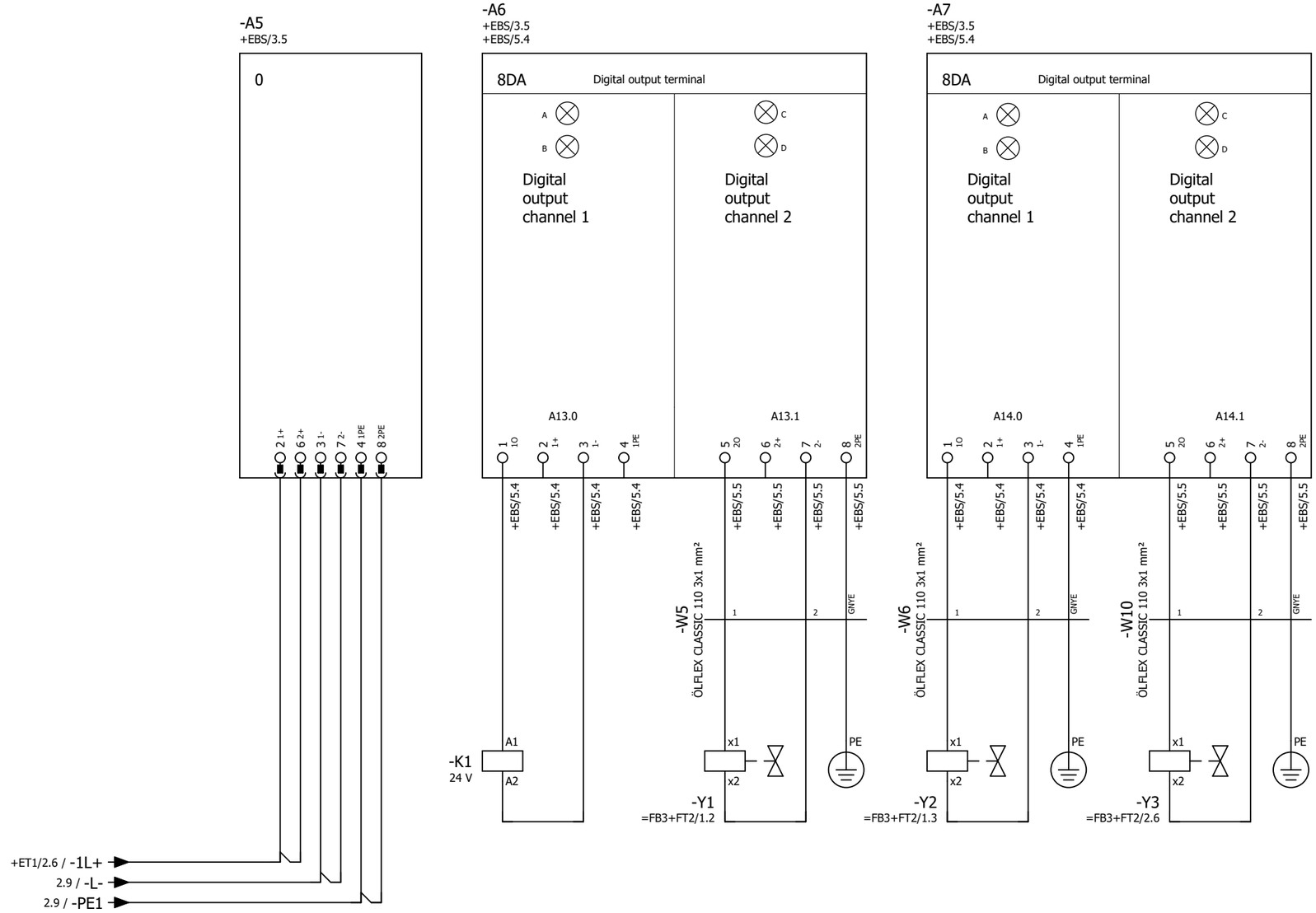
Workpiece fixed 1

Workpiece fixed 2

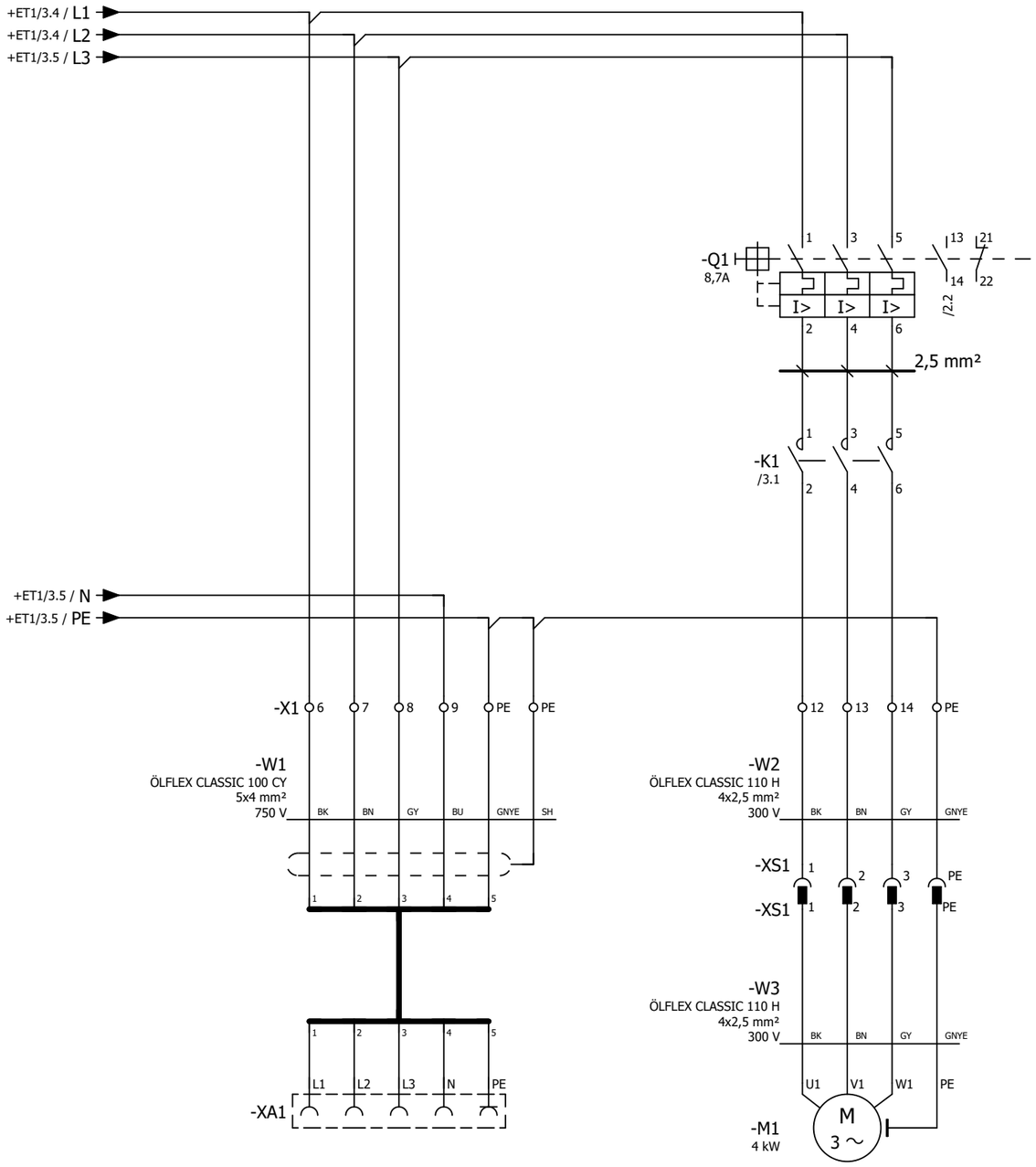
Workpiece in magazine

Workpiece on the conveyor belt

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Bus system Beckhoff Inputs		= EB3
			Ed.	EPL					+ ET2
			Appr.		Sample project			EPLAN DEMO	Page 2
Modification	Date	Name	Original		Replacement of	Replaced by			Page 21 / 167



			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Bus system Beckhoff Outputs	= EB3	
			Ed.	EPL				+ ET2	
			Appr.		Sample project			EPLAN DEMO	Page 3
Modification	Date	Name	Original		Replacement of	Replaced by			Page 22 / 167



Robot 2

Conveyor belt drive 2

Terminal diagram

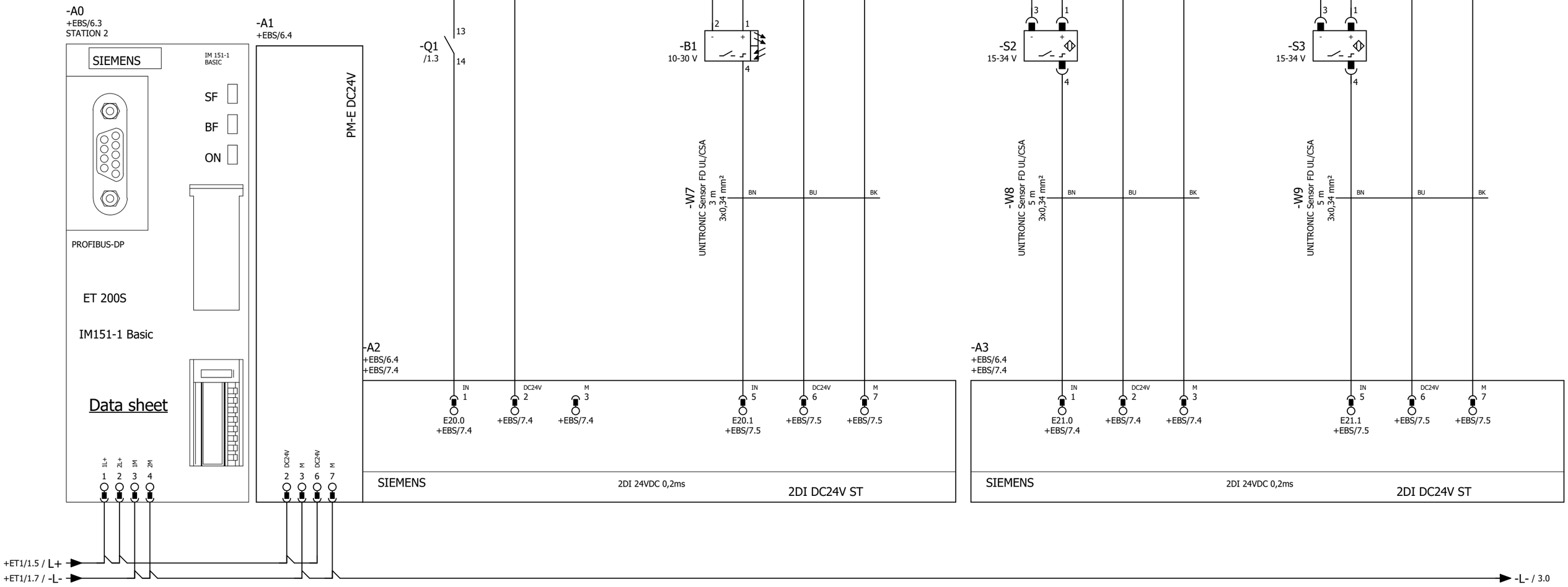
F13_006

Function text	Target designation to	Connection point	Terminal	Target designation to	Connection point	Page / path
=EB3+ET3-X1						
Power supply Workstation 2	+ET1-X1	7	1	-X1	6	+ET1/3.4
=	+ET1-X1	8	2	-X1	7	+ET1/3.4
=	+ET1-X1	9	3	-X1	8	+ET1/3.5
=	+ET1-X1	10	4	-X1	9	+ET1/3.5
=	+ET1-X1	PE	PE	-X1	PE	+ET1/3.5
Robot 2	-XA1	L1	6	-Q1	1	/1.1
				-X1	1	
Robot 2	-XA1	L2	7	-Q1	3	/1.1
				-X1	2	
Robot 2	-XA1	L3	8	-Q1	5	/1.2
				-X1	3	
Robot 2	-XA1	N	9	-X1	4	/1.2
=	-XA1	PE	PE	-X1	PE	/1.2
				-X1	PE	
Robot 2	-W1	SH	PE	-X1	PE	/1.2
				-X1	PE	
Conveyor belt drive 2	-XS1	1	12	-K1	2	/1.3
=	-XS1	2	13	-K1	4	/1.4
=	-XS1	3	14	-K1	6	/1.4
=	-XS1	PE	PE	-X1	PE	/1.4

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Drives Workstation 2	= EB3
			Ed.	EPL				+ ET3
			Appr.		Sample project		EPLAN DEMO	Page 1
Modification	Date	Name	Original		Replacement of	Replaced by		Page 23 / 167

STATION 2

Contour processing



Conveyor belt malfunction

Conveyor belt in use

Workpiece fixed 1

Workpiece fixed 2

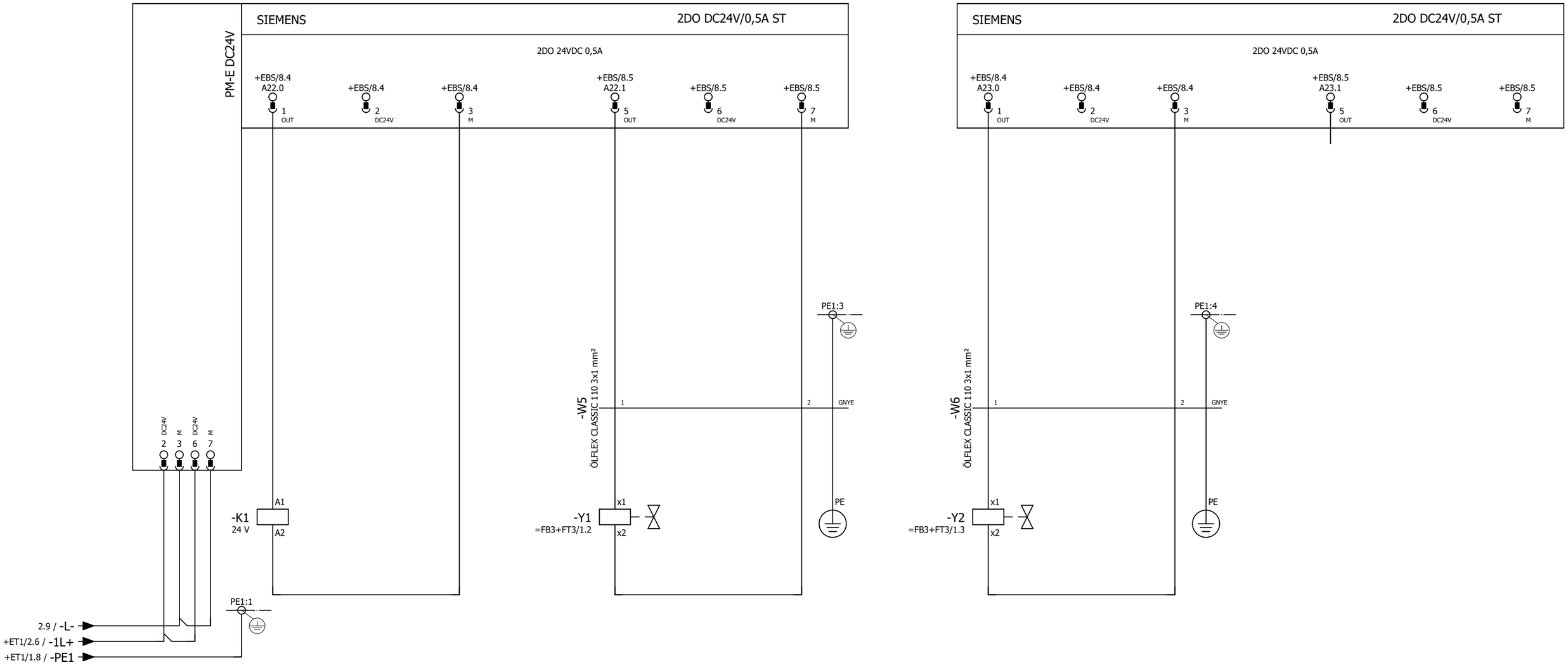
			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Bus system Siemens ET200S Inputs		= EB3
			Ed.	EPL	Sample project				+ ET3
			Appr.					EPLAN DEMO	Page 2
Modification	Date	Name	Original		Replacement of	Replaced by			Page 24 / 167

0	1	2	3	4	5	6	7	8	9

-A4
+EBS/6.5

-A5
+EBS/6.5
+EBS/8.4

-A6
+EBS/6.6
+EBS/8.4



Conveyor belt ON

3RT1024-1BB44-3MA0
1 2 /1.3
3 4 /1.4
5 6 /1.4
13 14
21 22
31 32
43 44

Workpiece fixed 1 (Stretch)

Workpiece fixed 2 (Release)

Spare

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Bus system Siemens ET200S Outputs	= EB3
			Ed.	EPL				+ ET3
			Appr.		Sample project			EPLAN DEMO — Page 3
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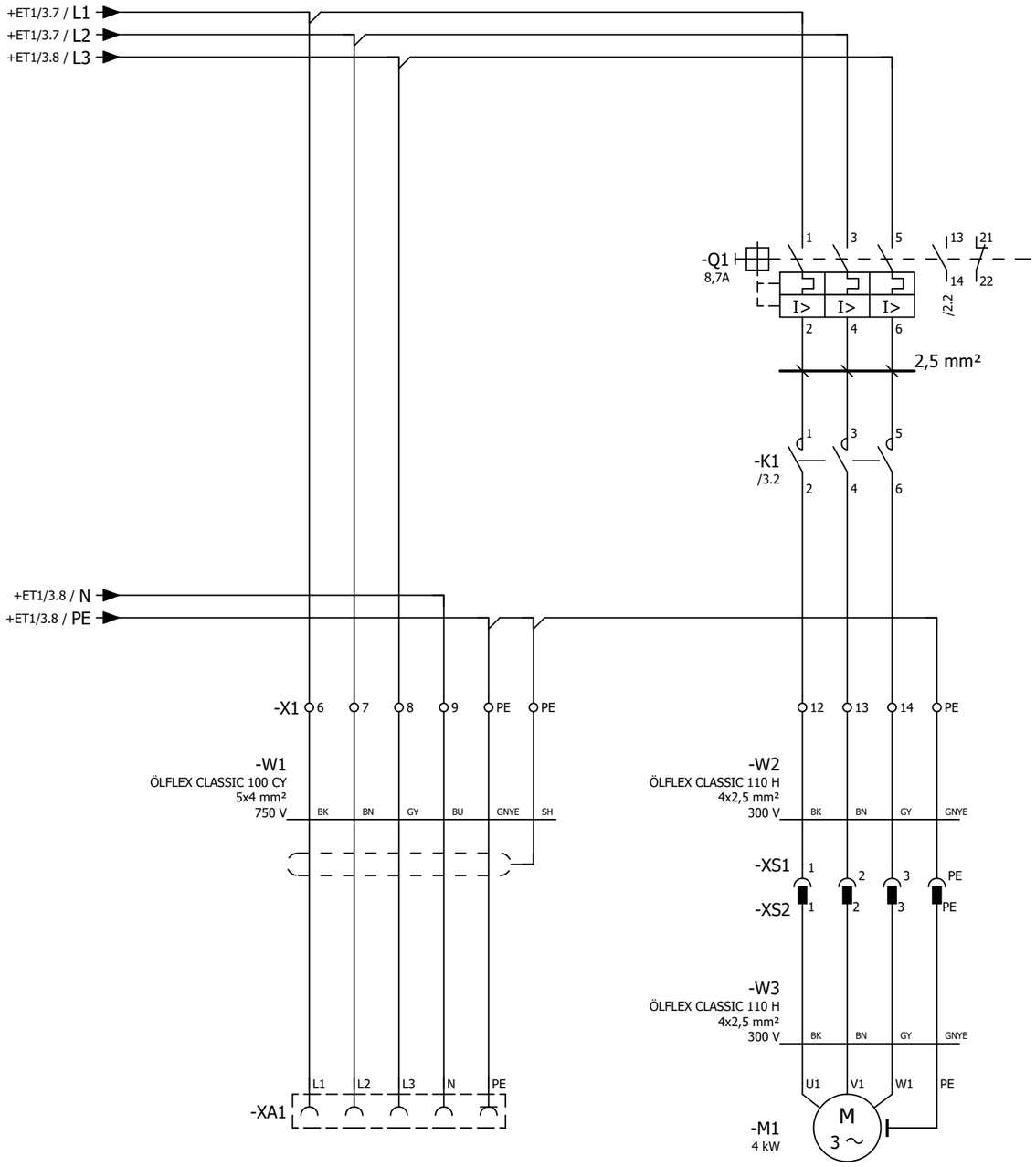

Robot 3

Conveyor belt drive 3

Terminal diagram

F13_006

Function text	Target designation to	Connection point	Terminal	Target designation to	Connection point	Page / path
=EB3+ET4-X1						
Power supply Workstation 3	+ET1-X1	13	1	-X1	6	+ET1/3.7
=	+ET1-X1	14	2	-X1	7	+ET1/3.7
=	+ET1-X1	15	3	-X1	8	+ET1/3.8
=	+ET1-X1	16	4	-X1	9	+ET1/3.8
=	+ET1-X1	PE	PE	-X1	PE	+ET1/3.8
Robot 3	-XA1	L1	6	-Q1	1	/1.1
				-X1	1	
Robot 3	-XA1	L2	7	-Q1	3	/1.1
				-X1	2	
Robot 3	-XA1	L3	8	-Q1	5	/1.2
				-X1	3	
Robot 3	-XA1	N	9	-X1	4	/1.2
=	-XA1	PE	PE	-X1	PE	/1.2
				-X1	PE	
Robot 3	-W1	SH	PE	-X1	PE	/1.2
				-X1	PE	
Conveyor belt drive 3	-XS1	1	12	-K1	2	/1.3
=	-XS1	2	13	-K1	4	/1.4
=	-XS1	3	14	-K1	6	/1.4
=	-XS1	PE	PE	-X1	PE	/1.4

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Drives Workstation 3	= EB3
			Ed.	EPL				+ ET4
			Appr.		Sample project		EPLAN DEMO	Page 1
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STATION 3

Spray-painting

-A0
+EBS/9.2
IL PB BK DP/V1-PAC
STATION 3

Profibus DP

PHOENIX
CONTACT

IL PB BK DP/V1 (DIP8=OFF

11 +US
21 +US
12 +UM
22 +UM
13 -
23 -
14 PE
24 PE

-Q1
/1.3
13
14

-B1
10-30 V
2 1 4

-W7
UNITRONIC Sensor FD UL/CSA
3 m
3x0,34 mm²
BN BU BK

-S2
15-34 V
3 1 4

-W8
UNITRONIC Sensor FD UL/CSA
5 m
3x0,34 mm²
BN BU BK

-S3
15-34 V
3 1 4

-W9
UNITRONIC Sensor FD UL/CSA
5 m
3x0,34 mm²
BN BU BK

-A1
+EBS/9.4
+EBS/10.4
IB IL 24 DI 2 PAC

IN1		+		-	PE	IN2		+		-	PE
11	12		13		14	21	22		23		24
E30.0 +EBS/10.4	+EBS/10.4		+EBS/10.4		+EBS/10.4	E30.1 +EBS/10.5	+EBS/10.5		+EBS/10.5		+EBS/10.5

Type : IB IL 24 DI 2 PAC

INTERBUS-INLINE DI BYTE-Nr. 0

-A2
+EBS/9.4
+EBS/10.4
IB IL 24 DI 2 PAC

IN1		+		-	PE	IN2		+		-	PE
11	12		13		14	21	22		23		24
E31.0 +EBS/10.4	+EBS/10.4		+EBS/10.4		+EBS/10.4	E31.1 +EBS/10.5	+EBS/10.5		+EBS/10.5		+EBS/10.5

Type : IB IL 24 DI 2 PAC

INTERBUS-INLINE DI BYTE-Nr. 1

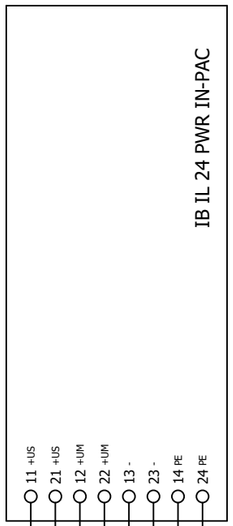
Conveyor belt malfunction
Conveyor belt in use
Workpiece fixed 1
Workpiece fixed 2

+ET1/1.6 / L+
+ET1/1.7 / -L-
+ET1/1.8 / -PE1

-L- / 3.0
-PE1 / 3.0

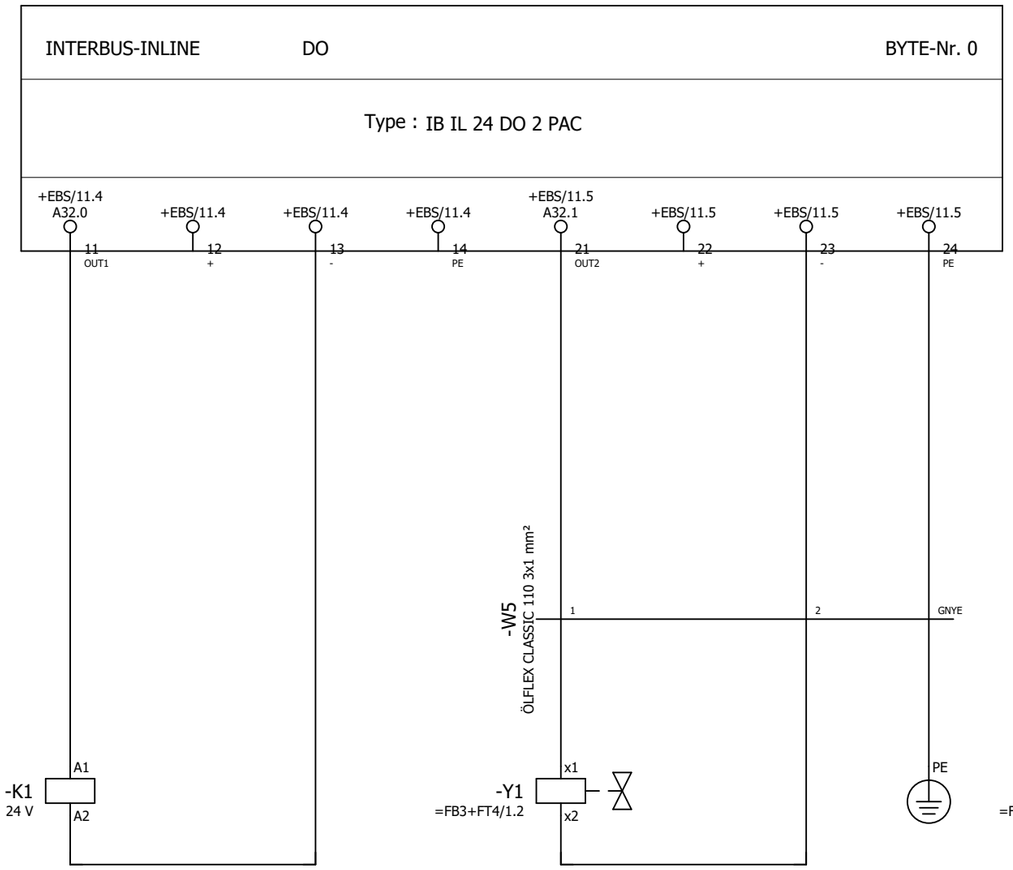
			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Bus system Phoenix Interbus Inputs		= EB3
			Ed.	EPL	Sample project				+ ET4
			Appr.					EPLAN DEMO	Page 2
Modification	Date	Name	Original		Replacement of	Replaced by			Page 27 / 167

-A3
+EBS/9.5
IB IL 24 PWR IN-PAC

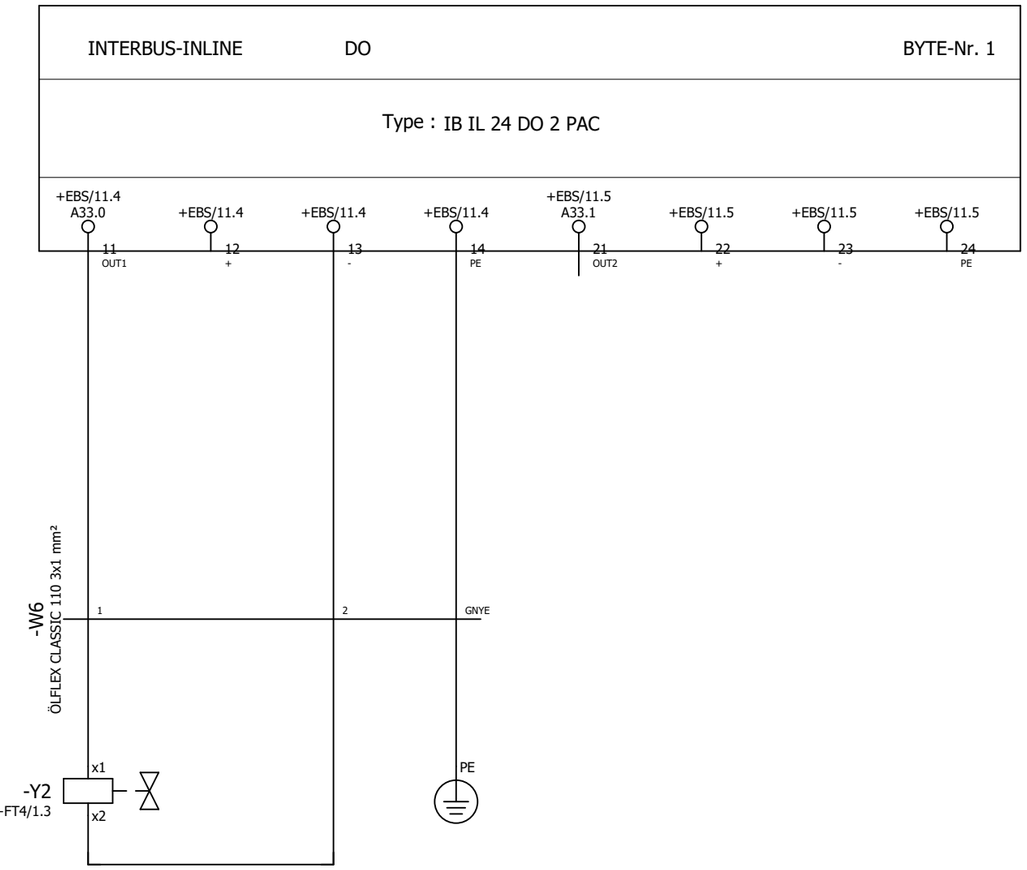


+ET1/2.6 / -1L+
2.9 / -L-
2.9 / -PE1

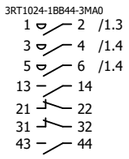
-A4
+EBS/9.5
+EBS/11.4
IB IL 24 DO 2 PAC



-A5
+EBS/9.5
+EBS/11.4
IB IL 24 DO 2 PAC



Conveyor belt ON



Workpiece fixed 1 (Stretch)

Workpiece fixed 2 (Release)

Spare

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Bus system Phoenix Interbus Outputs	= EB3	
			Ed.	EPL				+ ET4	
			Appr.		Sample project			EPLAN DEMO	Page 3
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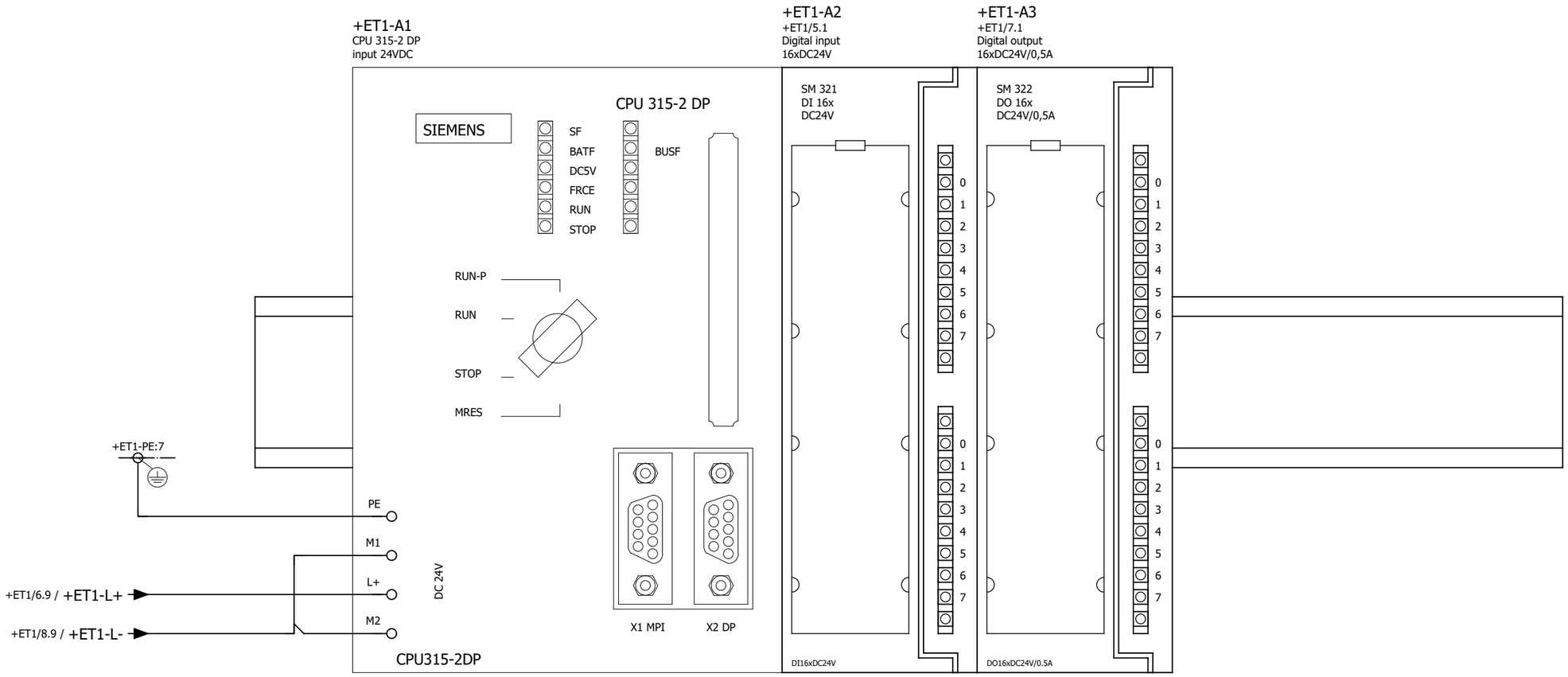
SIMATIC S7-300

DP master



CPU 315-2 DP
input 24VDC

Digital input
16xDC24V

Digital output
16xDC24V/0,5A

+ET4/3

2

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Master	= EB3	
			Ed.	EPL				+ EBS	
			Appr.		Sample project			EPLAN DEMO	Page 1
Modification	Date	Name	Original		Replacement of	Replaced by			Page 29 / 167

+ET1-A2

+ET1/5.1
DI16xDC24V
Digital input
16xDC24V

0L+ 1	+ET1/5.1			
E0.0 2	+ET1/5.1	+ET1-A6:14	Control voltage on	
E0.1 3	+ET1/5.2	+ET1-S3:14	Conveyor belt 1 on	
E0.2 4	+ET1/5.3	+ET1-S4:22	Conveyor belt 1 off	
E0.3 5	+ET1/5.4	+ET1-S5:14	Conveyor belt 2 on	
E0.4 6	+ET1/5.5	+ET1-S6:22	Conveyor belt 2 off	
E0.5 7	+ET1/5.6	+ET1-S7:14	Conveyor belt 3 on	
E0.6 8	+ET1/5.7	+ET1-S8:22	Conveyor belt 3 off	
E0.7 9	+ET1/5.8	+ET1-X3:10	Spare	
1M 10	+ET1/5.8			
0L+ 11	+ET1/6.1			
E1.0 12	+ET1/6.1	+ET1-S9:12	Pneumatics on	
E1.1 13	+ET1/6.2	+ET1-X3:16	Spare	
E1.2 14	+ET1/6.3	+ET1-X3:17	Spare	
E1.3 15	+ET1/6.4	+ET1-X3:18	Spare	
E1.4 16	+ET1/6.5	+ET1-X3:19	Spare	
E1.5 17	+ET1/6.6	+ET1-X3:20	Spare	
E1.6 18	+ET1/6.7	+ET1-X3:21	Spare	
E1.7 19	+ET1/6.8	+ET1-X3:22	Spare	
2M 20	+ET1/6.8			

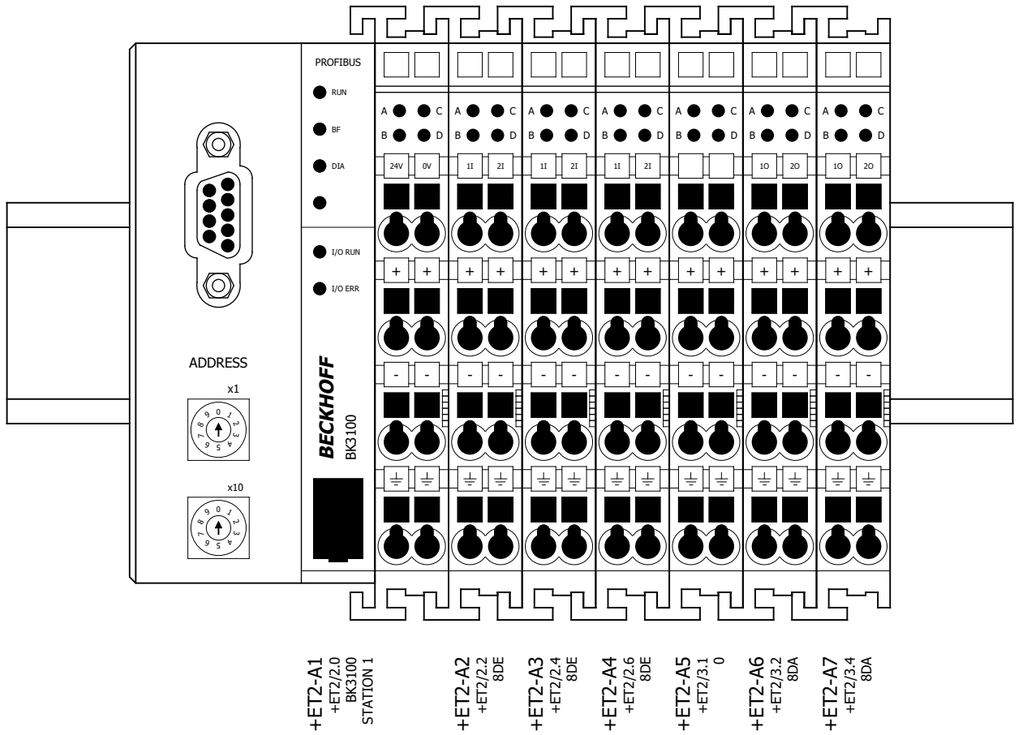
+ET1-A3

+ET1/7.1
DO16xDC24V/0.5A
Digital output
16xDC24V/0,5A

0L+ 1	+ET1/7.1			
A2.0 2	+ET1/7.1	+ET1-H2:X1	Conveyor belt 1 on	
A2.1 3	+ET1/7.2	+ET1-H3:X1	Conveyor belt 1 malfunction	
A2.2 4	+ET1/7.3	+ET1-H4:X1	Conveyor belt 2 on	
A2.3 5	+ET1/7.4	+ET1-H5:X1	Conveyor belt 2 malfunction	
A2.4 6	+ET1/7.5	+ET1-H6:X1	Conveyor belt 3 on	
A2.5 7	+ET1/7.6	+ET1-H7:X1	Conveyor belt 3 malfunction	
A2.6 8	+ET1/7.7	+ET1-H8:X1	Pneumatics on	
A2.7 9	+ET1/7.8	+ET1-X4:12	Spare	
0M 10	+ET1/7.8			
1L+ 11	+ET1/8.1			
A3.0 12	+ET1/8.1	+ET1-X4:15	Spare	
A3.1 13	+ET1/8.2	+ET1-X4:16	Spare	
A3.2 14	+ET1/8.3	+ET1-X4:17	Spare	
A3.3 15	+ET1/8.4	+ET1-X4:18	Spare	
A3.4 16	+ET1/8.5	+ET1-X4:19	Spare	
A3.5 17	+ET1/8.6	+ET1-X4:20	Spare	
A3.6 18	+ET1/8.7	+ET1-X4:21	Spare	
A3.7 19	+ET1/8.8	+ET1-X4:22	Spare	
1M 20	+ET1/8.8			

STATION 1

DP slave



+ET2-A2

+ET2/2.2
8DE

Conveyor belt malfunction	+ET2-Q1:14	+ET2/2.2	1 1I	E10.0	E10.1 2I 5	+ET2/2.3	+ET2-B1:4	Conveyor belt in use
Conveyor belt malfunction		+ET2/2.2	2 1+		2+ 6	+ET2/2.3		Conveyor belt in use
		+ET2/2.2	3 1-		2- 7	+ET2/2.3		
		+ET2/2.3	4 1PE		2PE 8	+ET2/2.4		

+ET2-A3

+ET2/2.4
8DE

Workpiece fixed 1	+ET2-S2:4	+ET2/2.4	1 1I	E11.0	E11.1 2I 5	+ET2/2.6	+ET2-S3:4	Workpiece fixed 2
Workpiece fixed 1		+ET2/2.4	2 1+		2+ 6	+ET2/2.5		Workpiece fixed 2
		+ET2/2.4	3 1-		2- 7	+ET2/2.5		
		+ET2/2.5	4 1PE		2PE 8	+ET2/2.6		

+ET2-A4

+ET2/2.6
8DE

Workpiece in magazine	+ET2-S4:4	+ET2/2.7	1 1I	E12.0	E12.1 2I 5	+ET2/2.8	+ET2-S5:4	Workpiece on the conveyor belt
Workpiece in magazine		+ET2/2.6	2 1+		2+ 6	+ET2/2.7		Workpiece on the conveyor belt
		+ET2/2.6	3 1-		2- 7	+ET2/2.7		
		+ET2/2.7	4 1PE		2PE 8	+ET2/2.8		

			Date	1/4/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Workstation 1 Beckhoff	= EB3
			Ed.	EPL				+ EBS
			Appr.		Sample project			EPLAN DEMO — Page 4
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+ET2-A6

+ET2/3.2
8DA

Conveyor belt ON	+ET2-K1:A1	+ET2/3.2	1	1O	A13.0	A13.1	2O	5	+ET2/3.3	+ET2-Y1:x1	Workpiece fixed 1 (Stretch)
		+ET2/3.2	2	1+			2+	6	+ET2/3.3		
		+ET2/3.2	3	1-			2-	7	+ET2/3.3		
		+ET2/3.3	4	1PE			2PE	8	+ET2/3.4		

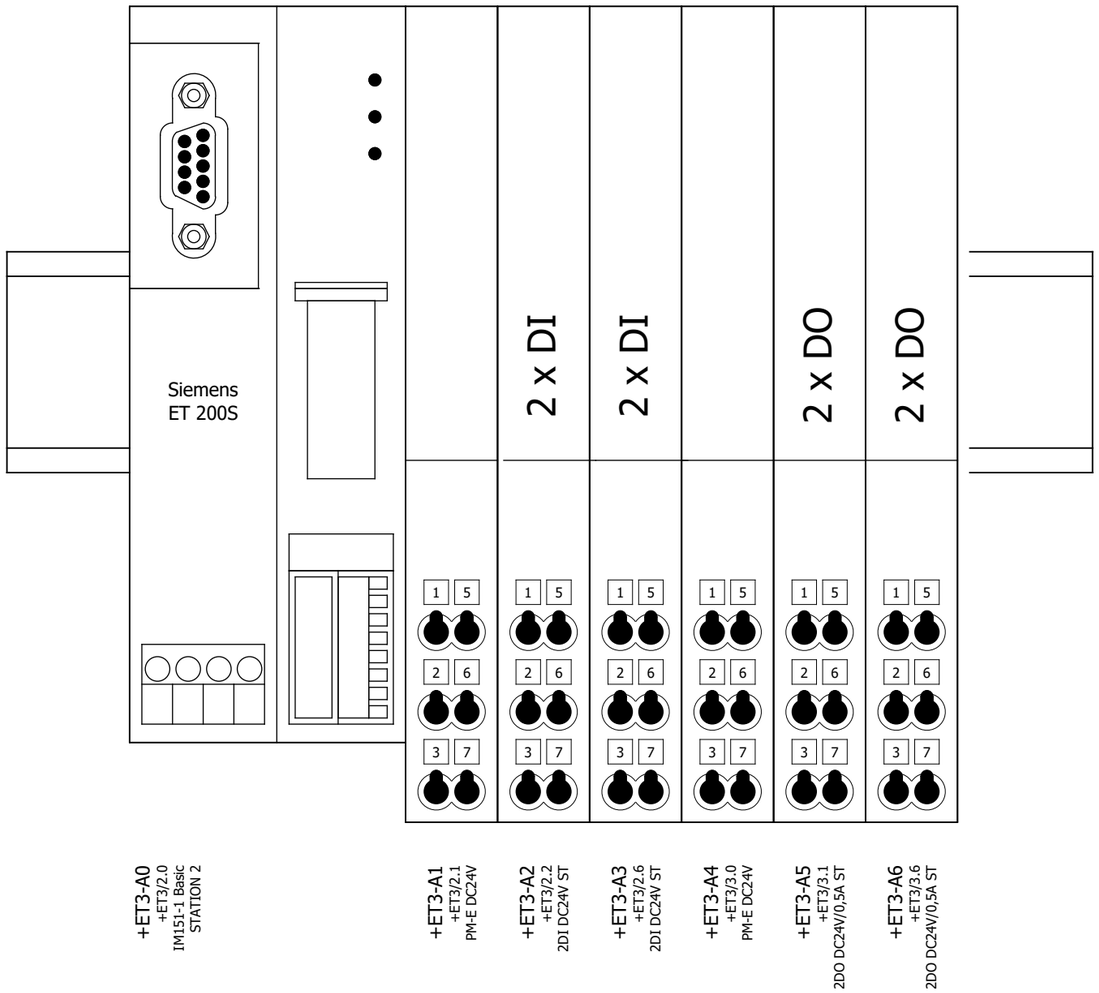
+ET2-A7

+ET2/3.4
8DA

Workpiece fixed 2 (Release)	+ET2-Y2:x1	+ET2/3.4	1	1O	A14.0	A14.1	2O	5	+ET2/3.5	+ET2-Y3:x1	Feed workpiece (Valve forward)
		+ET2/3.4	2	1+			2+	6	+ET2/3.5		
		+ET2/3.4	3	1-			2-	7	+ET2/3.6		
		+ET2/3.5	4	1PE			2PE	8	+ET2/3.6		

STATION 2

DP slave



+ET3-A2

+ET3/2.2
2DI DC24V ST

Conveyor belt malfunction	+ET3-Q1:14	+ET3/2.2	1 IN	E20.0	E20.1	IN 5	+ET3/2.4	+ET3-B1:4	Conveyor belt in use
		+ET3/2.3	2 DC24V		DC24V	6	+ET3/2.5		
		+ET3/2.3	3 M		M	7	+ET3/2.5		

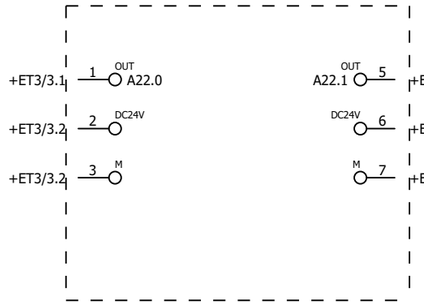
+ET3-A3

+ET3/2.6
2DI DC24V ST

Workpiece fixed 1	+ET3-S2:4	+ET3/2.6	1 IN	E21.0	E21.1	IN 5	+ET3/2.8	+ET3-S3:4	Workpiece fixed 2
		+ET3/2.7	2 DC24V		DC24V	6	+ET3/2.8		
		+ET3/2.7	3 M		M	7	+ET3/2.9		

+ET3-A5

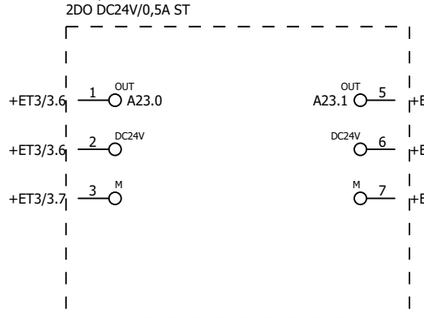
+ET3/3.1
2DO DC24V/0,5A ST



Conveyor belt ON	+ET3-K1:A1	+ET3/3.1	1 OUT A22.0	OUT A22.1 5	+ET3/3.3	+ET3-Y1:x1	Workpiece fixed 1 (Stretch)	
		+ET3/3.2	2 DC24V	DC24V 6	+ET3/3.4			
		+ET3/3.2	3 M	M 7	+ET3/3.5			

+ET3-A6

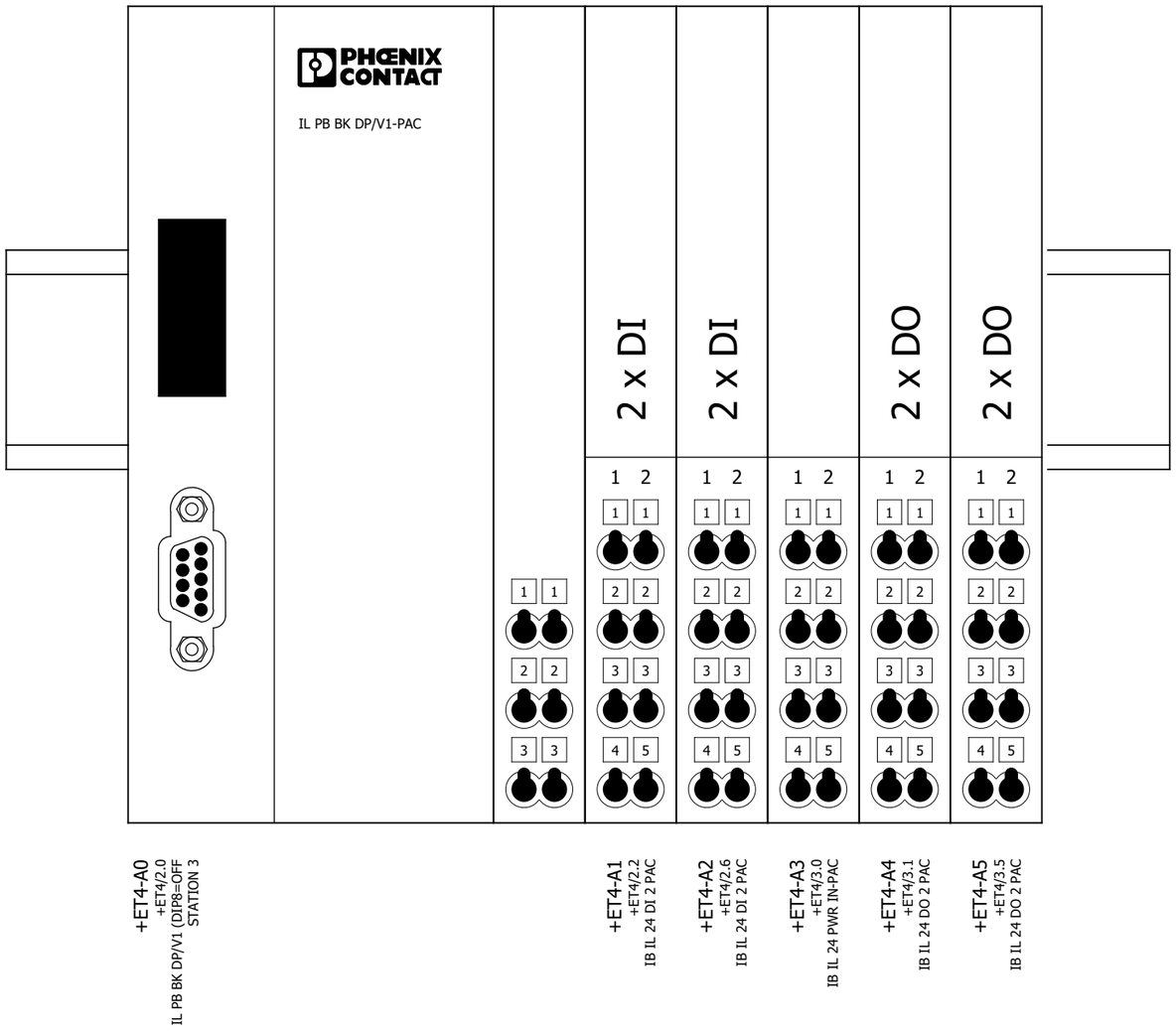
+ET3/3.6
2DO DC24V/0,5A ST



Workpiece fixed 2 (Release)	+ET3-Y2:x1	+ET3/3.6	1 OUT A23.0	OUT A23.1 5	+ET3/3.8	+ET3-Reserve	Spare	
		+ET3/3.6	2 DC24V	DC24V 6	+ET3/3.8			
		+ET3/3.7	3 M	M 7	+ET3/3.9			

STATION 3

DP slave



			Date	5/26/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Workstation 3 Phoenix Interbus		= EB3
			Ed.	EPL					+ EBS
			Appr.		Sample project			EPLAN DEMO	Page 9
Modification	Date	Name	Original		Replacement of	Replaced by			Page 37 / 167

+ET4-A1

+ET4/2.2
IB IL 24 DI 2 PAC

Conveyor belt malfunction	+ET4-Q1:14	+ET4/2.2	11 IN1	E30.0	E30.1 IN2	21	+ET4/2.4	+ET4-B1:4	Conveyor belt in use
		+ET4/2.3	12 +		+	22	+ET4/2.4		
		+ET4/2.3	13 -		-	23	+ET4/2.5		
		+ET4/2.3	14 PE		PE	24	+ET4/2.5		

+ET4-A2

+ET4/2.6
IB IL 24 DI 2 PAC

Workpiece fixed 1	+ET4-S2:4	+ET4/2.6	11 IN1	E31.0	E31.1 IN2	21	+ET4/2.8	+ET4-S3:4	Workpiece fixed 2
		+ET4/2.6	12 +		+	22	+ET4/2.8		
		+ET4/2.7	13 -		-	23	+ET4/2.9		
		+ET4/2.7	14 PE		PE	24	+ET4/2.9		

			Date	1/4/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Workstation 3 Phoenix Interbus		= EB3
			Ed.	EPL					+ EBS
			Appr.		Sample project			EPLAN DEMO	Page 10
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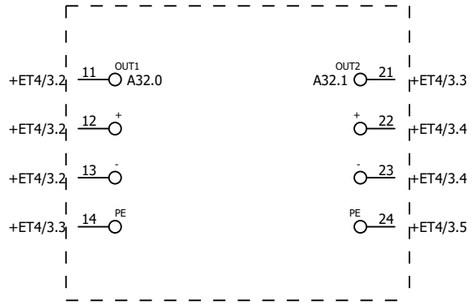
0	1	2	3	4	5	6	7	8	9

+ET4-A4

+ET4/3.1

IB IL 24 DO 2 PAC

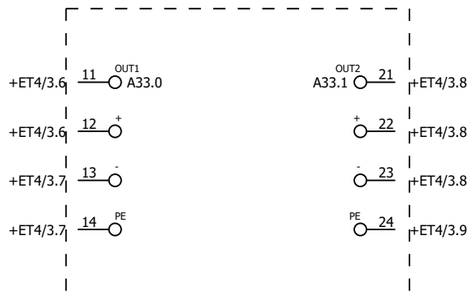


Conveyor belt ON	+ET4-K1:A1	+ET4/3.2	+ET4/3.2 +ET4/3.2 +ET4/3.3	+ET4/3.3 +ET4/3.4 +ET4/3.4 +ET4/3.5	+ET4-Y1:x1	Workpiece fixed 1 (Stretch)	

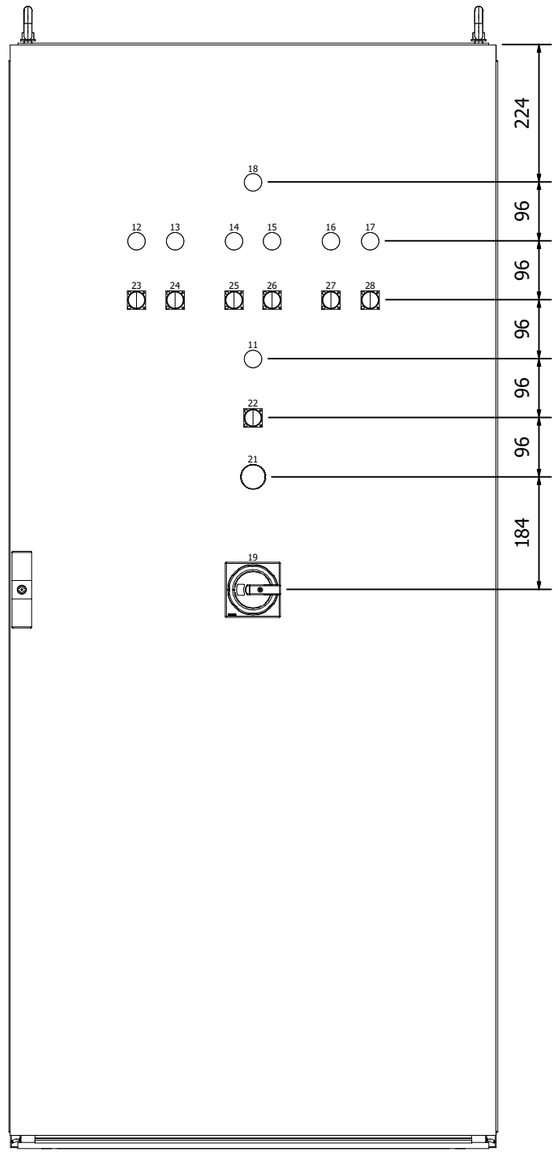
+ET4-A5

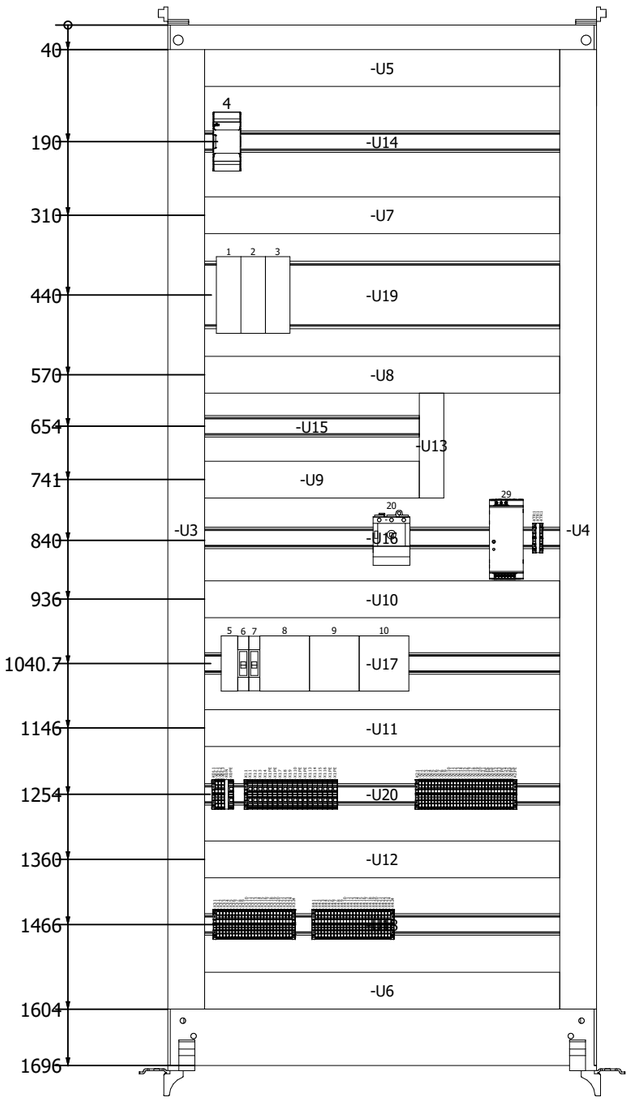
+ET4/3.5

IB IL 24 DO 2 PAC



Workpiece fixed 2 (Release)	+ET4-Y2:x1	+ET4/3.6	+ET4/3.6 +ET4/3.7 +ET4/3.7	+ET4/3.8 +ET4/3.8 +ET4/3.8 +ET4/3.9	+ET4-Reserve	Spare	





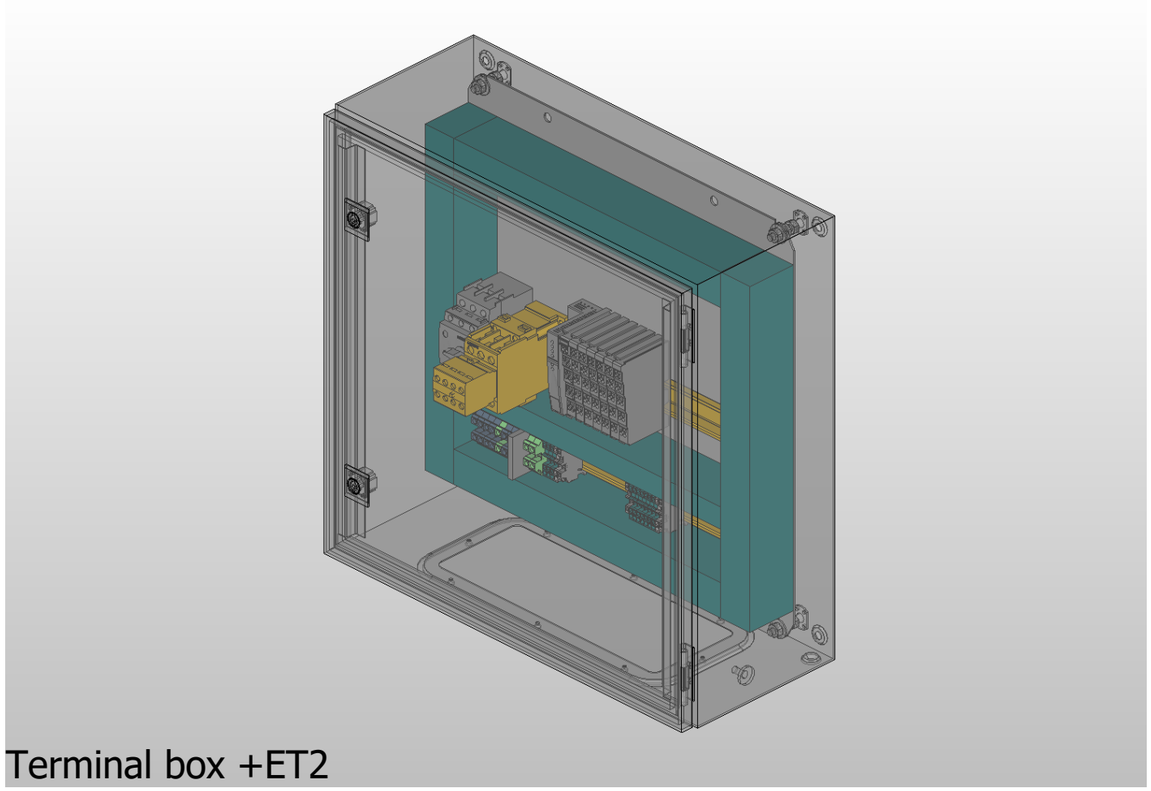
Enclosure legend

F18_005

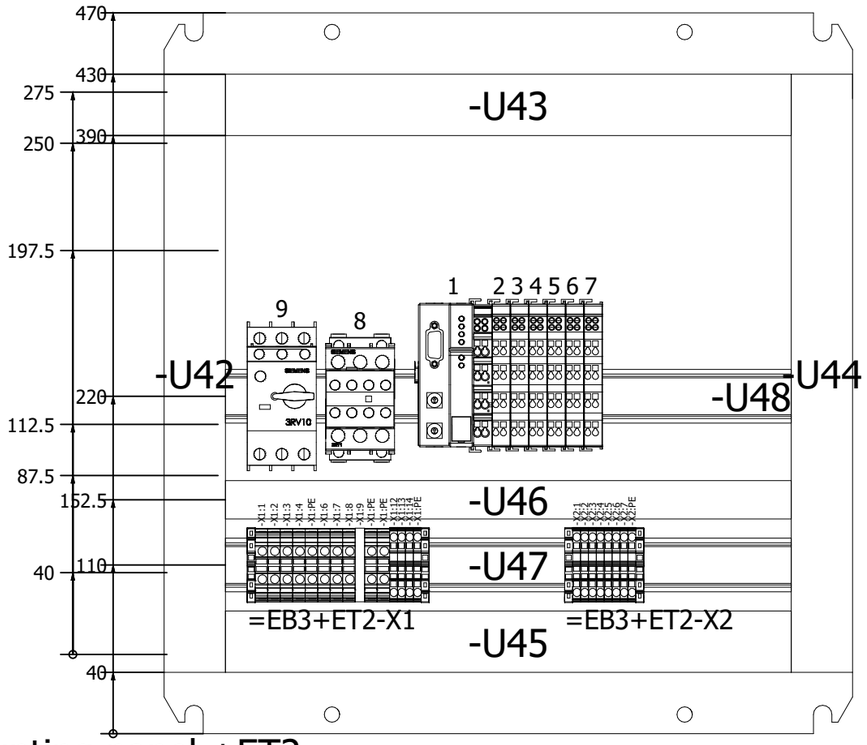
Item number	Device tag	Type number
1	A1	6ES7315-2AG10-0AB0
2	A2	6ES7321-1BH02-0AA0
3	A3	6ES7322-1BH01-0AA0
4	A6	PNOZ X3P
5	F1	5SG1300
6	F2	5SX2102-8
7	F3	5SX2102-8
8	F12	3-polige Neozed-Sicherung 25 A kpl.
9	F13	5SG5700
10	F14	5SG5700
11	H1	3SB3217-6AA40
12	H2	3SB3217-6AA40
13	H3	3SB3217-6AA20
14	H4	3SB3217-6AA40
15	H5	3SB3217-6AA20
16	H6	3SB3217-6AA40
17	H7	3SB3217-6AA20
18	H8	3SB3217-6AA40
19	Q1	3LD9 284-3B
20	Q1	3LD2 514-0TK53
21	S1	PITestop Set 1.1
22	S2	3SB3201-0AA11
23	S3	3SB3201-0AA11
24	S4	3SB3201-0AA21
25	S5	3SB3201-0AA11
26	S6	3SB3201-0AA21
27	S7	3SB3201-0AA11
28	S8	3SB3201-0AA21
29	T1	QUINT-PS-100-240AC/24DC/5
52	U1	TS 8886.500

Enclosure +ET1

Mounting panel +ET1



Terminal box +ET2



Mounting panel +ET2

Enclosure legend

F18_005

Item number	Device tag	Type number
1	A1	BK3100
2	A2	KL1012
3	A3	KL1012
4	A4	KL1012
5	A5	KL9190
6	A6	KL2012
7	A7	KL2012
8	K1	3RT1024-1BB44-3MA0
9	Q1	3RV1021-1JA15
11	U21	AE 1050.500

			Date	1/5/2011	EPLAN		EPLAN Software & Service GmbH & Co. KG	Terminal box +ET2		= EB3
			Ed.	EPL						+ ETM
			Appr.		Sample project				EPLAN DEMO	Page 2
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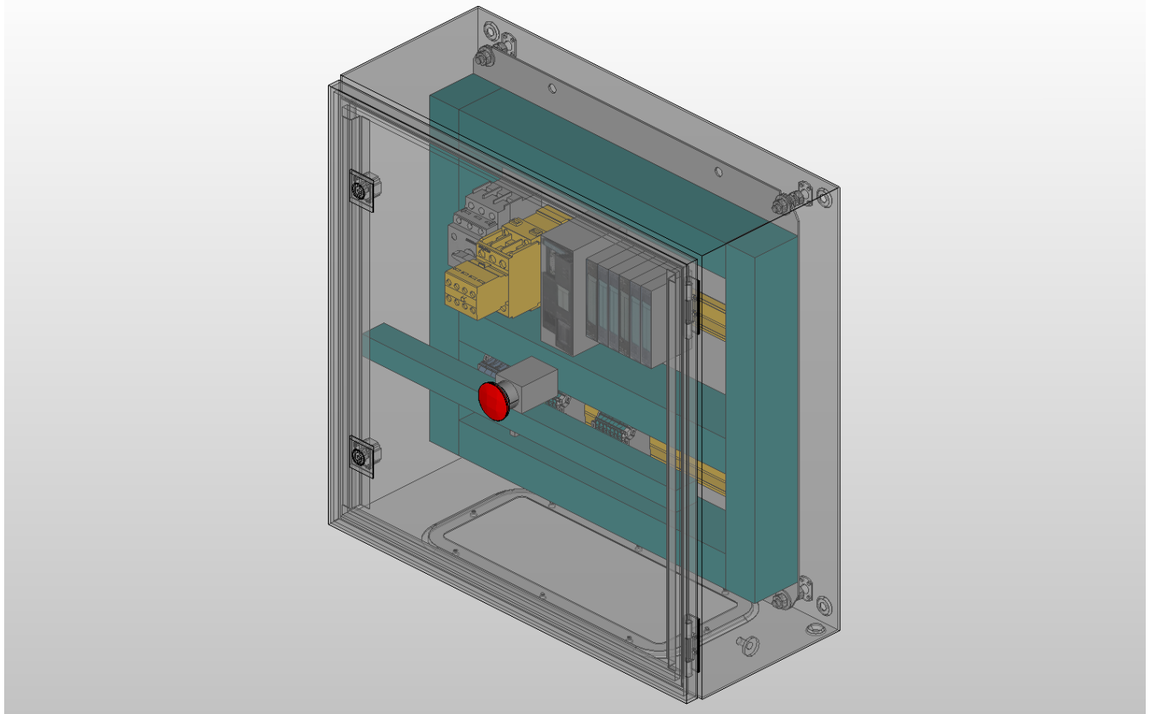
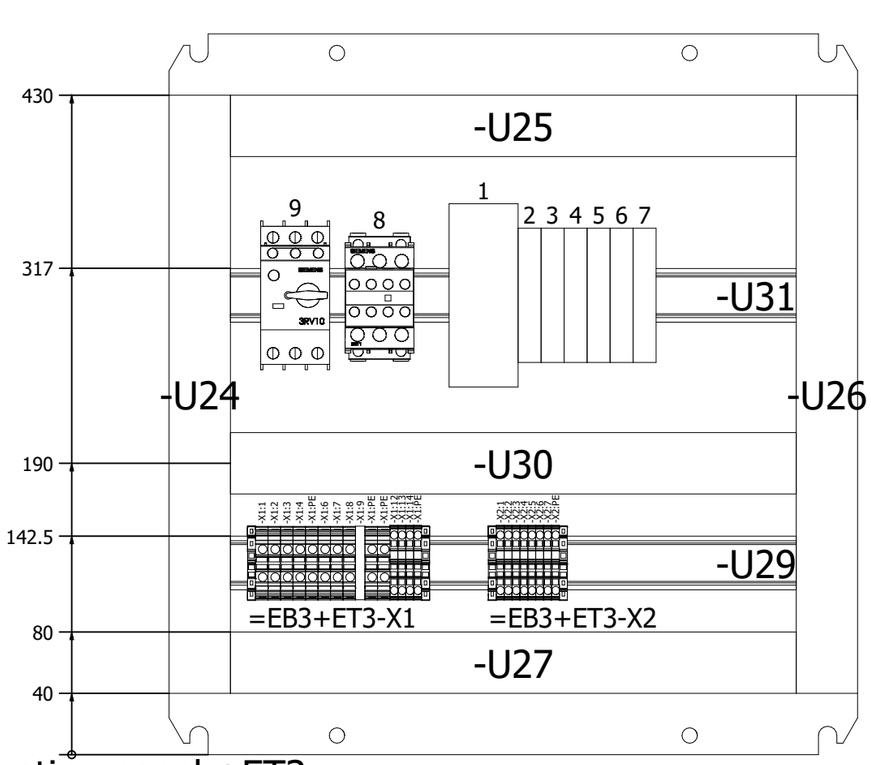


Terminal box +ET3



Mounting panel +ET3

Enclosure legend

F18_005

Item number	Device tag	Type number
1	A0	6ES7151-1CA00-0AB0
2	A1	6ES7138-4CA01-0AA0
3	A2	6ES7131-4BB01-0AA0
4	A3	6ES7131-4BB01-0AA0
5	A4	6ES7138-4CA01-0AA0
6	A5	6ES7132-4BB01-0AA0
7	A6	6ES7132-4BB01-0AA0
8	K1	3RT1024-1BB44-3MA0
9	Q1	3RV1021-1JA15
10	S1	PITestop Set 1.1
12	U23	AE 1050.500

			Date	1/5/2011	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal box +ET3		= EB3
			Ed.	EPL					+ ETM
			Appr.		Sample project			EPLAN DEMO	Page 3
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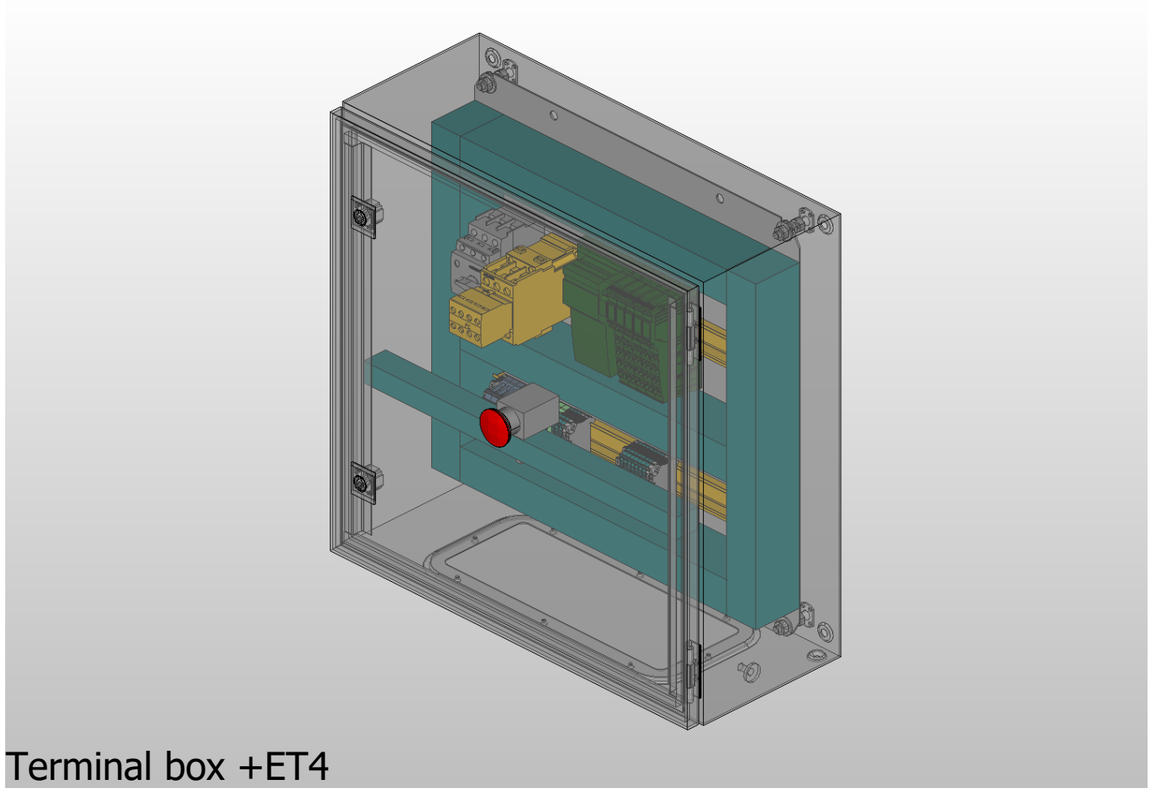
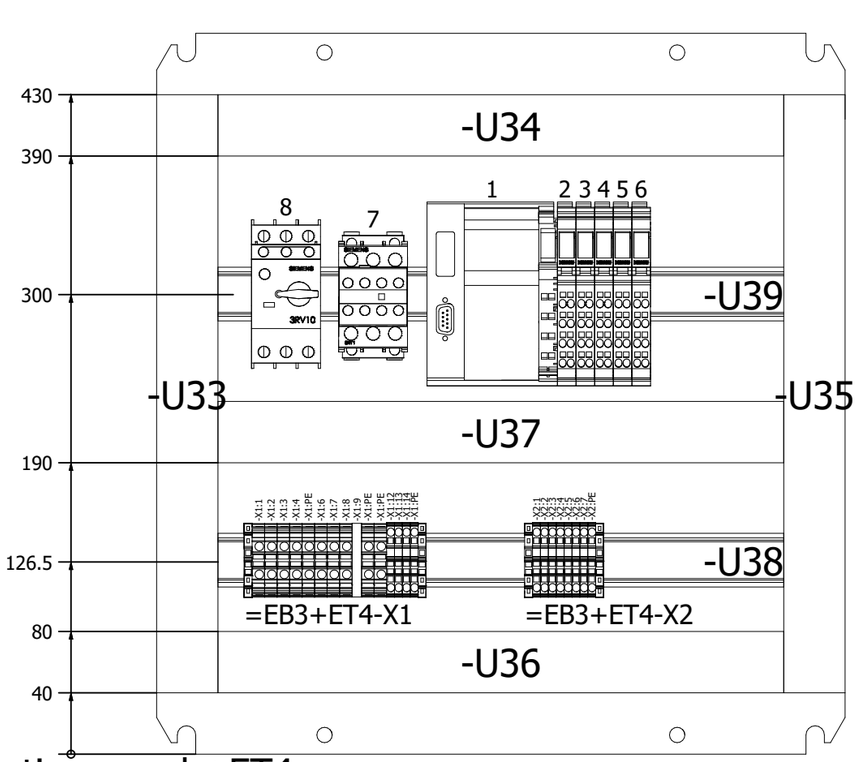


Terminal box +ET4

Enclosure legend

F18_005

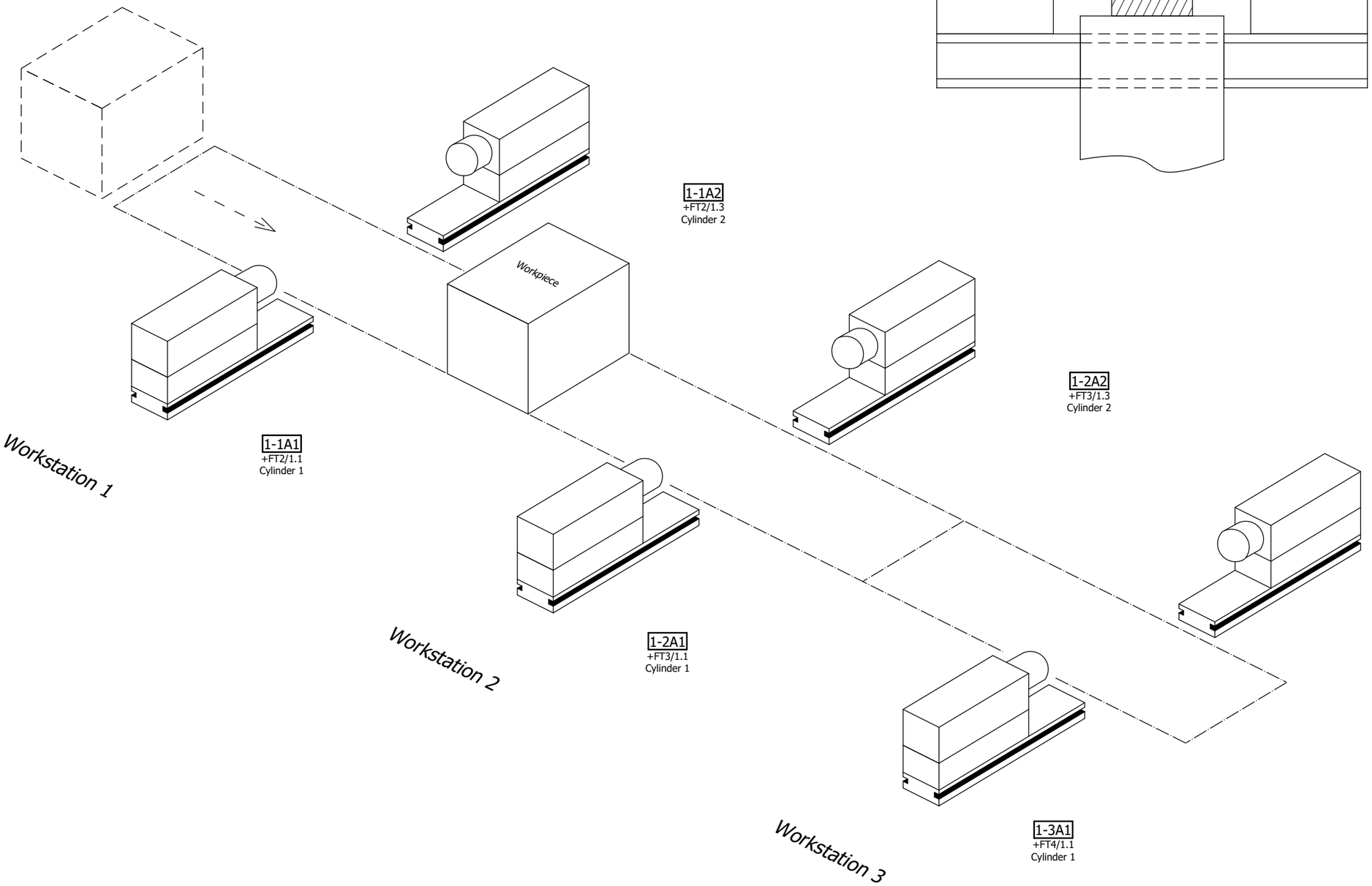
Item number	Device tag	Type number
1	A0	IL PB BK DP/V1-PAC
2	A1	IB IL 24 DI 2 PAC
3	A2	IB IL 24 DI 2 PAC
4	A3	IB IL 24 PWR IN-PAC
5	A4	IB IL 24 DO 2 PAC
6	A5	IB IL 24 DO 2 PAC
7	K1	3RT1024-1BB44-3MA0
8	Q1	3RV1021-1JA15
9	S1	PITestop Set 1.1
11	U32	AE 1050.500



Mounting panel +ET4

Pneumatics drives overview

Production line



			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Drives overview	= FB3	
			Ed.	EPL				+ FTA	
			Appr.		Sample project			EPLAN DEMO	Page 1
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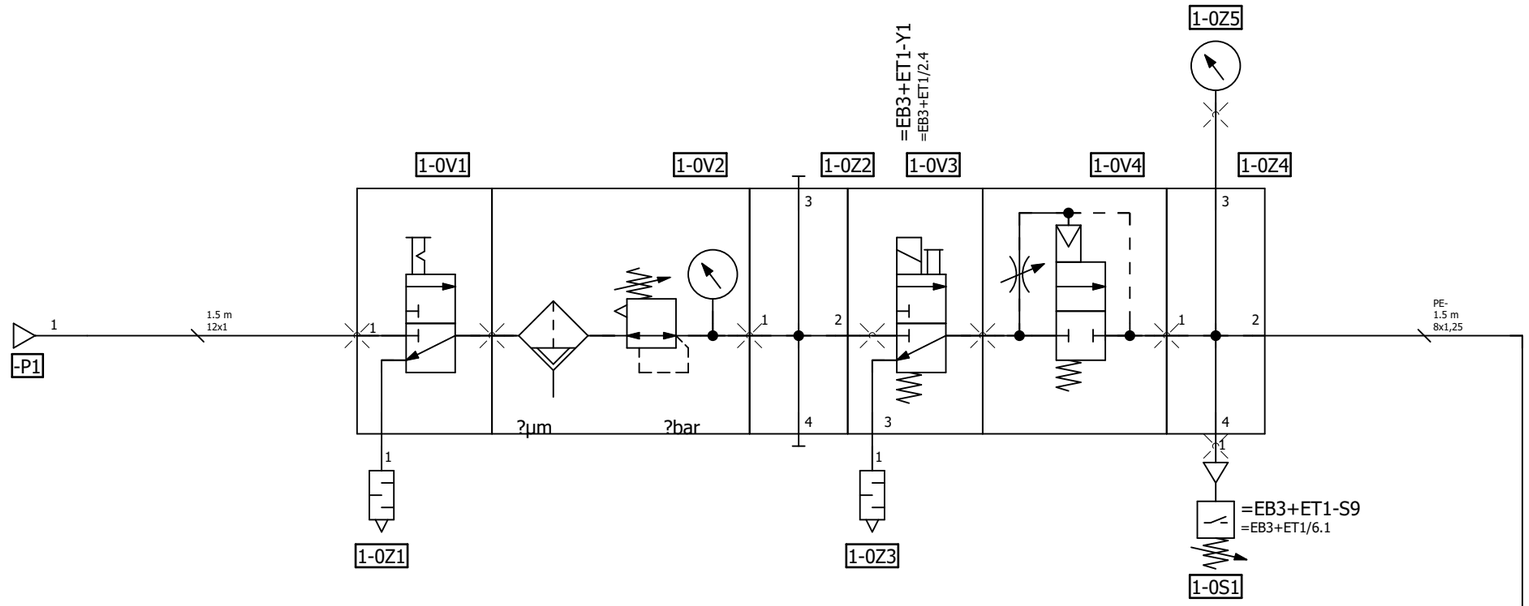
Supply: Pneumatics

C:\Users\Public\EPLAN\Data\Images\Company name\Wartungseinheit.bmp



Clamping fixture

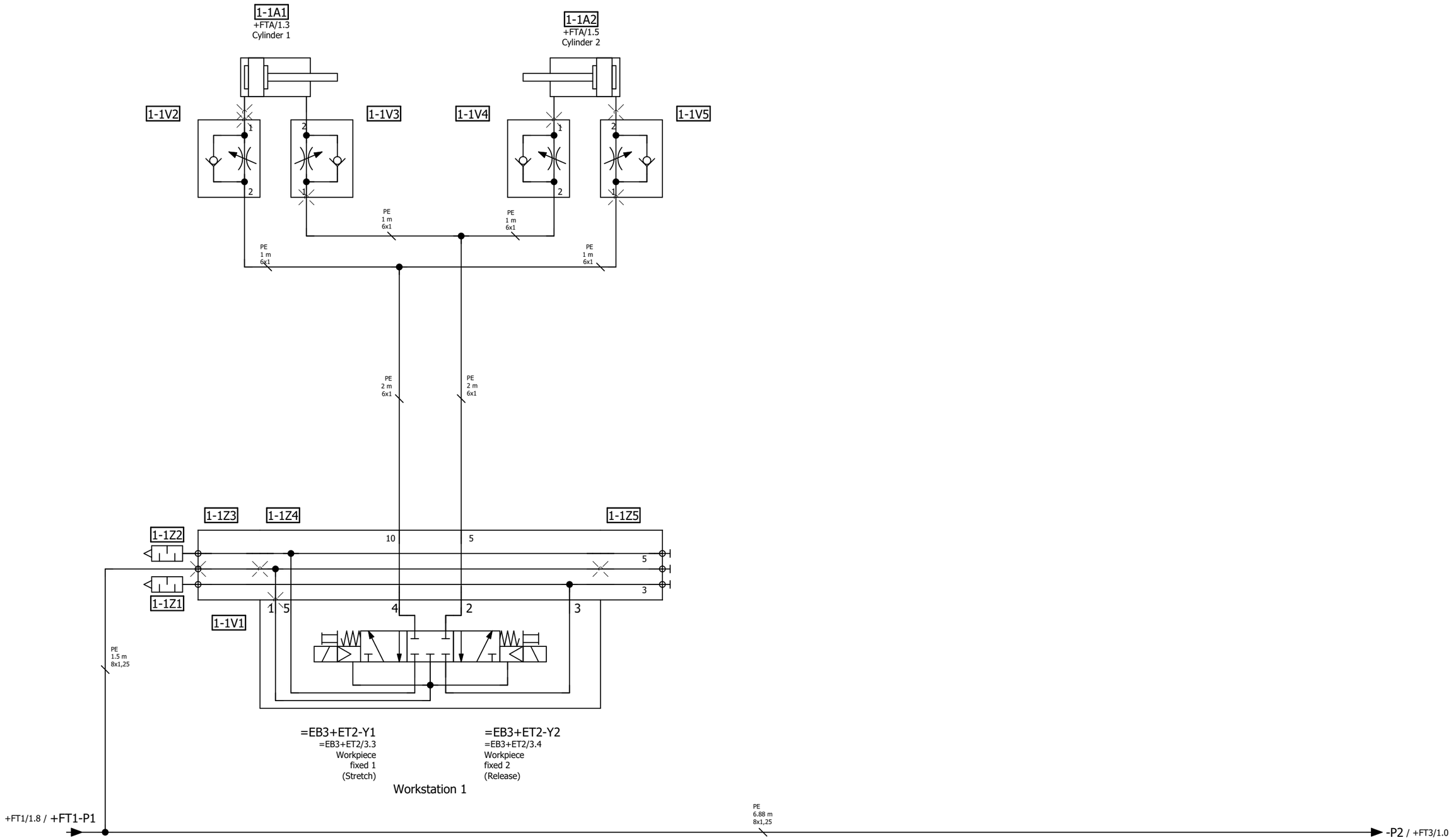
-P1 / +FT2/1.0

+FTA/1

+FT2/1

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Pneumatics Compressed air preparation	= FB3	
			Ed.	EPL				+ FT1	
			Appr.		Sample project			EPLAN DEMO	Page 1
Modification	Date	Name	Original		Replacement of	Replaced by			Page 45 / 167

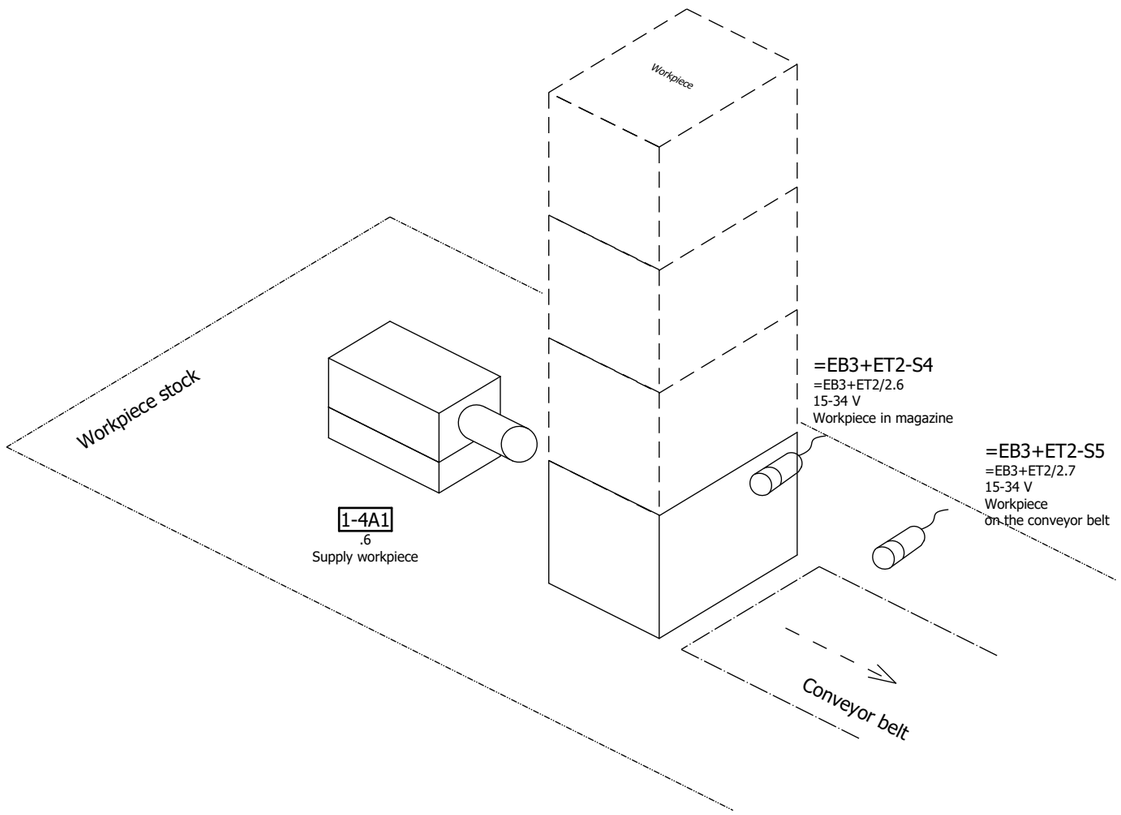
Pneumatic part of a clamping fixture

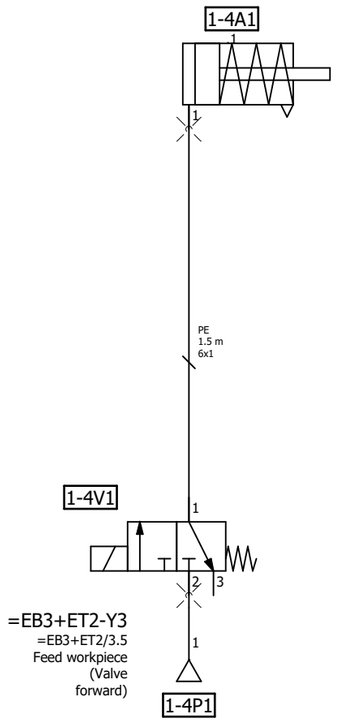


			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Pneumatics Clamping fixture		= FB3
			Ed.	EPL					+ FT2
			Appr.		Sample project			EPLAN DEMO	Page 1
Modification	Date	Name	Original		Replacement of	Replaced by			Page 46 / 167

Pneumatics drives overview

Workpiece stock

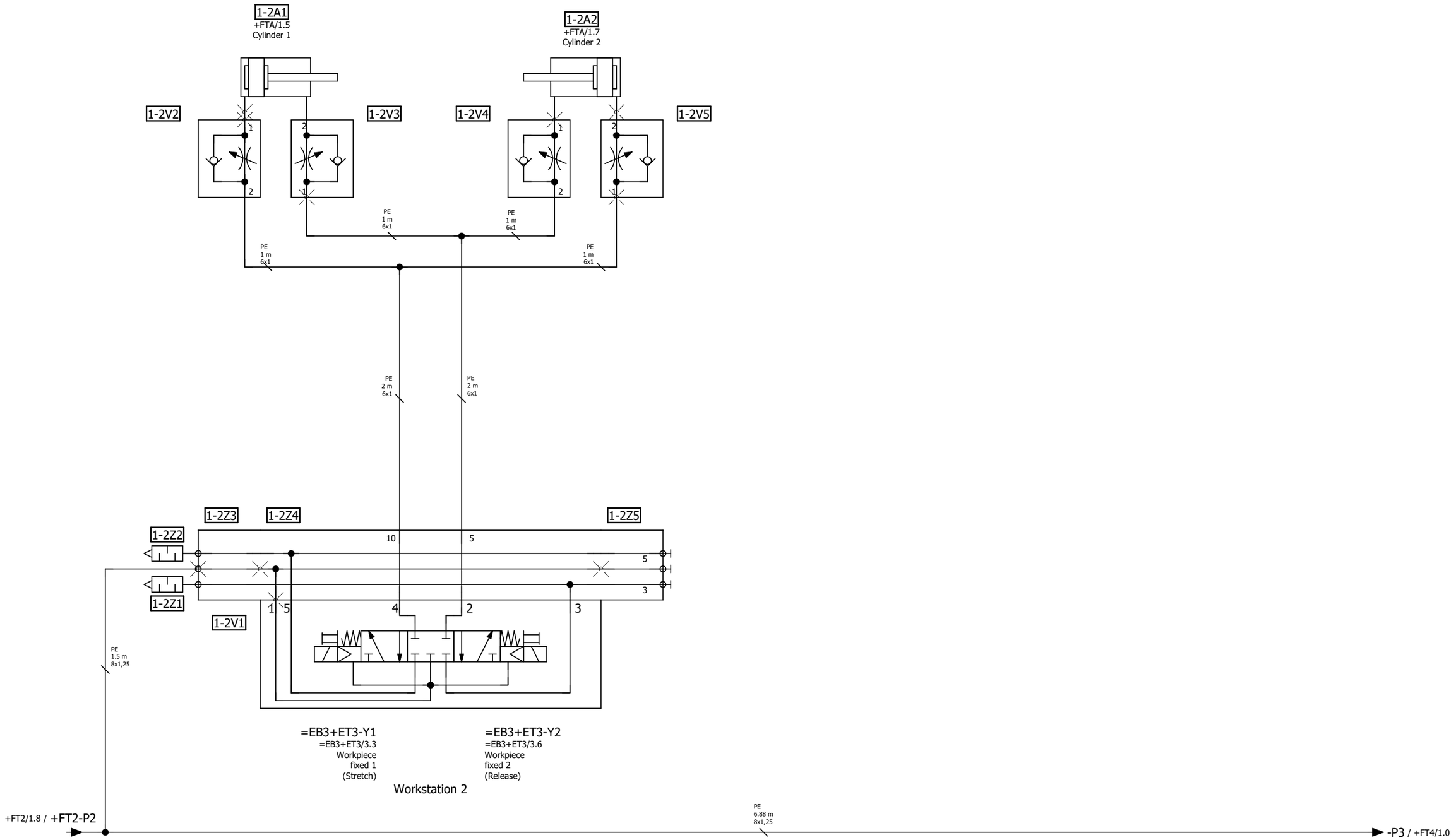




Supply workpiece

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Drives overview		= FB3
			Ed.	EPL					+ FT2
			Appr.		Sample project			EPLAN DEMO	Page 2
Modification	Date	Name	Original		Replacement of	Replaced by			Page 47 / 167

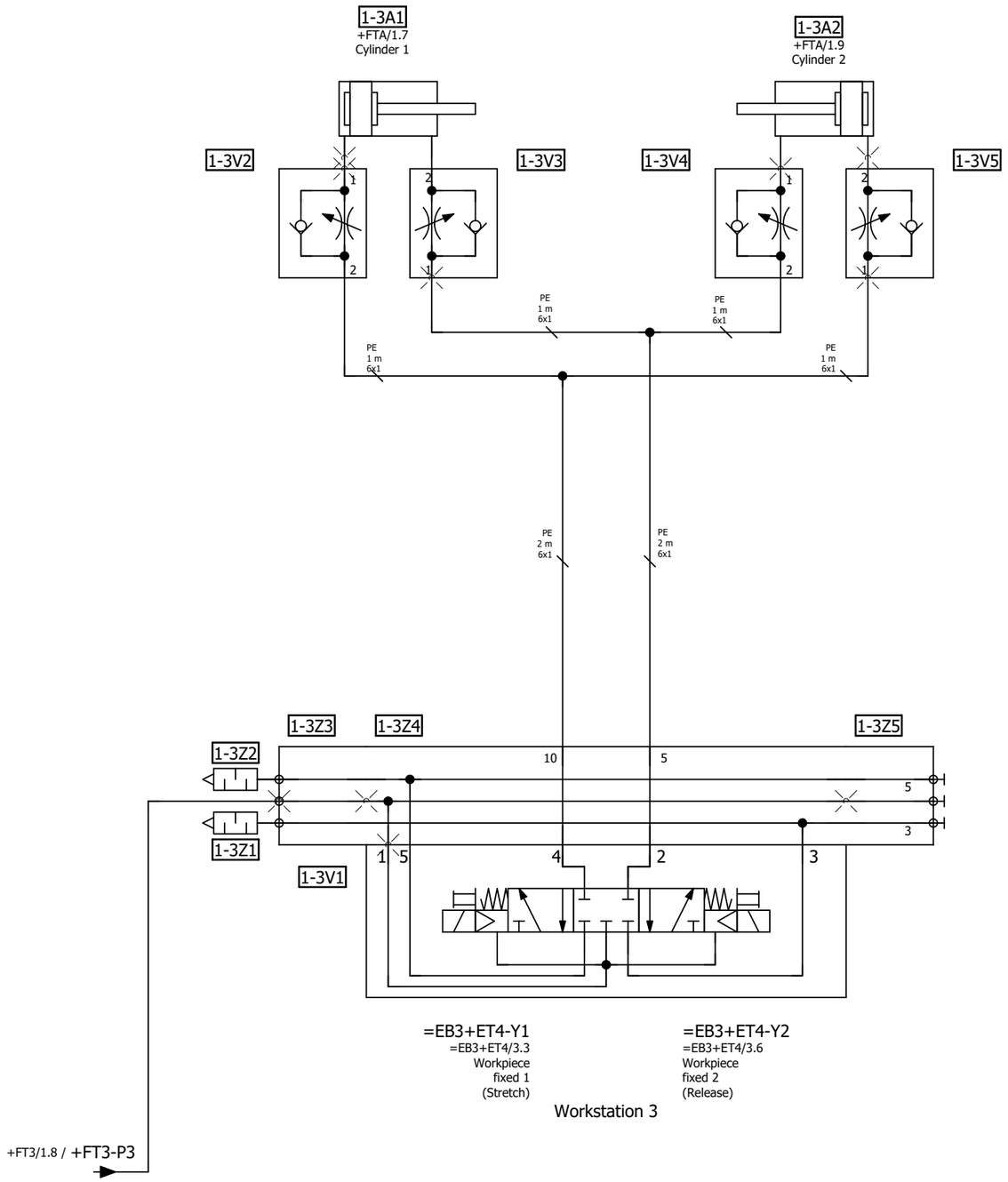
Pneumatic part of a clamping fixture



+FT2/2 +FT4/1

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Pneumatics Clamping fixture		= FB3
			Ed.	EPL					+ FT3
			Appr.		Sample project			EPLAN DEMO	Page 1
Modification	Date	Name	Original		Replacement of	Replaced by			Page 48 / 167

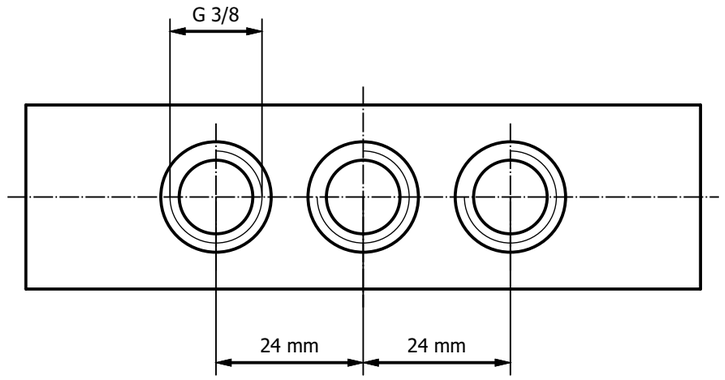
Pneumatic part of a clamping fixture

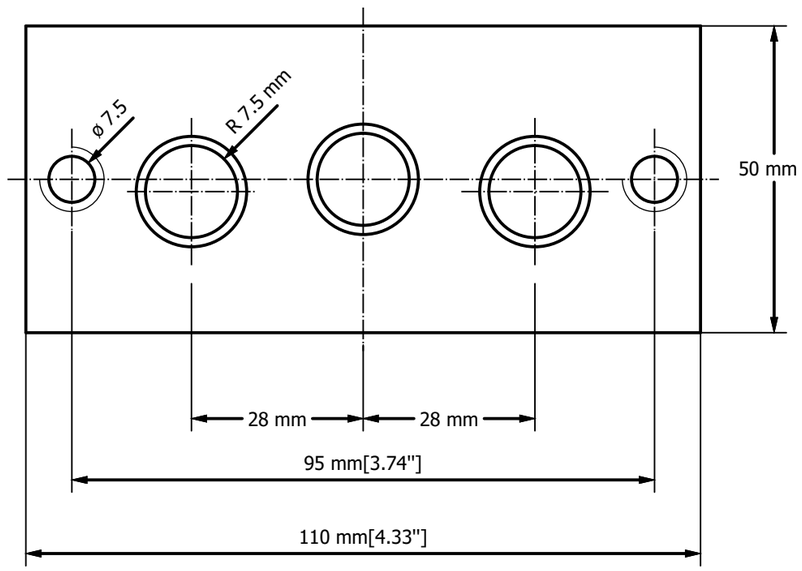


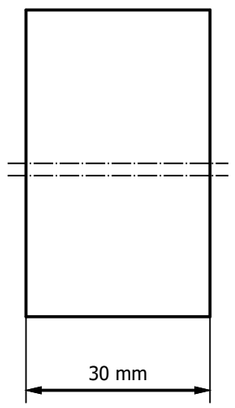
			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Pneumatics Clamping fixture		= FB3
			Ed.	EPL					+ FT4
			Appr.		Sample project			EPLAN DEMO	Page 1
Modification	Date	Name	Original		Replacement of	Replaced by			Page 49 / 167

Linkage plate

5/3-way solenoid valves







Terminal-strip overview

F14_001

Terminal strip	Terminal strip definition text	Terminals					Graphical page of terminal diagrams
		first	last	Total PE	Total N	Total number	
=EB3+ET1-X0		L1	PE	1	1	5	=REPORT+TERM_KL/2
=EB3+ET1-X1	Power	1	PE	6	0	18	=REPORT+TERM_KL/3
=EB3+ET1-X2	Control voltage	1	PE	5	0	30	=REPORT+TERM_KL/4
=EB3+ET1-X3		1	24	0	0	24	=REPORT+TERM_KL/5
=EB3+ET1-X4		1	24	0	0	24	=REPORT+TERM_KL/6
=EB3+ET2-X1	Power	1	PE	4	1	15	
=EB3+ET2-X2	Control voltage	1	PE	1	0	8	=REPORT+TERM_KL/7
=EB3+ET3-X1	Power	1	PE	4	1	15	
=EB3+ET3-X2	Control voltage	1	PE	1	0	8	=REPORT+TERM_KL/8
=EB3+ET4-X1	Power	1	PE	4	1	15	
=EB3+ET4-X2	Control voltage	1	PE	1	0	8	=REPORT+TERM_KL/9

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-strip overview : =EB3+ET1-X0 - =EB3+ET4-X2		= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 1
Modification	Date	Name	Original		Replacement of	Replaced by			Page 51 / 167

Terminal diagram

F13_001

Function text									Cable name	Strip =EB3+ET1-X0						Cable name						Page / column
									Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type						
Network supply of V2/45-T4										-V2/45-T4	L1	L1	,	-Q1	2							/1.0
=										-V2/45-T4	L2	L2	,	-Q1	4							/1.1
=										-V2/45-T4	L3	L3	,	-Q1	6							/1.1
=												N		-N	1							/1.1
=										-V2/45-T4	PEN	PE		-PE	1							/1.1

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal diagram =EB3+ET1-X0	= REPORT
			Ed.	EPL				+ TERM_KL
			Appr.		Sample project			EPLAN DEMO — Page 2
Modification	Date	Name	Original		Replacement of	Replaced by		Page 52 / 167

Terminal diagram

F13_001

Function text						-W13	-W12	-W11	Cable name	Strip =EB3+ET1-X1 Power						Cable name						Page / column
						ÖLFLEX CLASSIC 100 CY	ÖLFLEX CLASSIC 100 CY	ÖLFLEX CLASSIC 100 CY	Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type						
Power supply Workstation 1								BK		+ET2-X1	1	1	,	-F12	2							/3.1
=								BN		+ET2-X1	2	2	,	-F12	4							/3.1
=								GY		+ET2-X1	3	3	,	-F12	6							/3.2
=								BU		+ET2-X1	4	4	,	-N	4							/3.2
=								GNYE		+ET2-X1	PE	PE	,	-PE	4							/3.2
														-X1	PE							
Power supply Workstation 1								SH		-W11	SH	PE	,	-X1	PE							/3.2
Power supply Workstation 2							BK			+ET3-X1	1	7	,	-F13	2							/3.4
=							BN			+ET3-X1	2	8	,	-F13	4							/3.4
=							GY			+ET3-X1	3	9	,	-F13	6							/3.5
=							BU			+ET3-X1	4	10	,	-N	5							/3.5
=							GNYE			+ET3-X1	PE	PE	,	-PE	5							/3.5
														-X1	PE							
=							GNYE			+ET3-X1	PE	PE	,	-PE	5							/3.5
														-X1	PE							
Power supply Workstation 2							SH			-W12	SH	PE	,	-X1	PE							/3.5
Power supply Workstation 3						BK				+ET4-X1	1	13	,	-F14	2							/3.7
=						BN				+ET4-X1	2	14	,	-F14	4							/3.7
=						GY				+ET4-X1	3	15	,	-F14	6							/3.8
=						BU				+ET4-X1	4	16	,	-N	6							/3.8
=						GNYE				+ET4-X1	PE	PE	,	-PE	6							/3.8
														-X1	PE							
Power supply Workstation 3						SH				-W13	SH	PE	,	-X1	PE							/3.8

2

4

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal diagram =EB3+ET1-X1
			Ed.	EPL			
			Appr.		Sample project		
Modification	Date	Name	Original		Replacement of	Replaced by	

= REPORT
+ TERM_KL
EPLAN DEMO
Page 3
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Terminal diagram

F13_001

Function text				-W4	-W3	-W23	-W22	-W21	Cable name	Strip =EB3+ET1-X2 Control voltage: Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name					Page / column
				ÖLFLEX CLASSIC 110	ÖLFLEX CLASSIC 110	ÖLFLEX CLASSIC 110	ÖLFLEX CLASSIC 110	ÖLFLEX CLASSIC 110	Cable type							Cable type					
Distribution 24V DC								1		+ET2-X2	1	1		-F3	2						/1.5
=							1			+ET3-X2	1	2									/1.5
=						1				+ET4-X2	1	3									/1.6
=								2		+ET2-X2	2	4		-XTR	1						/1.6
=							2			+ET3-X2	2	5									/1.7
=						2				+ET4-X2	2	6									/1.7
Control voltage on								3		+ET2-X2	3	7		-A6	24						/2.6
=							3			+ET3-X2	3	8									/2.6
=						3				+ET4-X2	3	9		-A6	34						/2.6
Emergency stop								4		+ET2-X2	4	10		-S1	12						/2.1
=								5		+ET2-X2	5	11									/2.1
Emergency stop								4		+ET2-X2	4	10		-S1	12						/2.1
=								5		+ET2-X2	5	11									/2.1
=								6		+ET2-X2	6	12		-S1	22						/2.1
=								7		+ET2-X2	7	13									/2.1
=							4			+ET3-X2	4	14									/2.1
=							5			+ET3-X2	5	15									/2.1
=							6			+ET3-X2	6	16									/2.1
=							7			+ET3-X2	7	17									/2.1
=						4				+ET4-X2	4	18									/2.1
=						5				+ET4-X2	5	19		-A6	S22						/2.1
=						6				+ET4-X2	6	20									/2.1
=						7				+ET4-X2	7	21		-A6	S32						/2.1
Distribution 24V DC								GNYE		+ET2-X2	PE	PE		-PE	3						/1.8
														-X2	PE						
Distribution 24V DC							GNYE			+ET3-X2	PE	PE		-X2	PE						/1.8
														-X2	PE						
Distribution 24V DC						GNYE				+ET4-X2	PE	PE		-X2	PE						/1.8
Pneumatics ON					1					-Y1	x1	22		-H1	X1						/2.4
=					2					-Y1	x2	23		-A6	A2						/2.4
														-H1	X2						
Pneumatics ON					GNYE					-Y1	PE	PE		-PE	8						/2.4
Pneumatics on				1						-S9	11	24		-X3	13						/6.1
														-A1	L+						
Pneumatics on				2						-S9	12	25		-X3	15						/6.1
=				GNYE						-S9	PE	PE		-PE	9						/6.2

			Date	12/17/2010	EPLAN Sample project	EPLAN Software & Service GmbH & Co. KG	Terminal diagram =EB3+ET1-X2
			Ed.	EPL			
			Appr.				
Modification	Date	Name	Original		Replacement of	Replaced by	

= REPORT
+ TERM_KL
EPLAN DEMO
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Terminal diagram

F13_001

Function text	Cable name	Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name	Cable type	Page / column
			-S3	13	1		-A6	A1			/5.1
					2		-A2	1			/5.1
Control voltage on			-A6	14	3		-A2	2			/5.1
							-X4	1			
Conveyor belt 1 on			-S3	14	4		-A2	3			/5.2
Conveyor belt 1 off			-S4	22	5		-A2	4			/5.3
Conveyor belt 2 on			-S5	14	6		-A2	5			/5.4
Conveyor belt 2 off			-S6	22	7		-A2	6			/5.5
Conveyor belt 3 on			-S7	14	8		-A2	7			/5.6
Conveyor belt 3 off			-S8	22	9		-A2	8			/5.7
Spare					10		-A2	9			/5.8
=					11		-A2	10			/5.8
=					12		-H1	X2			/5.8
					13		-X2	24			/6.1
					14		-A2	11			/6.1
Pneumatics on			-X2	25	15		-A2	12			/6.1
Spare					16		-A2	13			/6.2
=					17		-A2	14			/6.3
=					18		-A2	15			/6.4
=					19		-A2	16			/6.5
=					20		-A2	17			/6.6
=					21		-A2	18			/6.7
=					22		-A2	19			/6.8
=					23		-A2	20			/6.8
=					24		-X4	14			/6.8

Strip
=EB3+ET1-X3

4 6

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal diagram =EB3+ET1-X3	= REPORT
			Ed.	EPL				+ TERM_KL
			Appr.		Sample project			EPLAN DEMO — Page 5
Modification	Date	Name	Original		Replacement of	Replaced by		Page 55 / 167

Terminal diagram

F13_001

Function text									Cable name	Strip =EB3+ET1-X4						Cable name						Page / column
									Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type						
												1		-X3	3							/7.0
												2		-A3	1							/7.1
												3										/8.0
												4		-A3	11							/8.1
Conveyor belt 1 on										-H2	X1	5		-A3	2							/7.1
Conveyor belt 1 malfunction										-H3	X1	6		-A3	3							/7.2
Conveyor belt 2 on										-H4	X1	7		-A3	4							/7.3
Conveyor belt 2 malfunction										-H5	X1	8		-A3	5							/7.4
Conveyor belt 3 on										-H6	X1	9		-A3	6							/7.5
Conveyor belt 3 malfunction										-H7	X1	10		-A3	7							/7.6
Pneumatics on										-H8	X1	11		-A3	8							/7.7
Spare												12		-A3	9							/7.8
=										-H8	X2	13		-A3	10							/7.8
=												14		-X3	24							/7.9
=												15		-A3	12							/8.1
=												16		-A3	13							/8.2
=												17		-A3	14							/8.3
=												18		-A3	15							/8.4
=												19		-A3	16							/8.5
=												20		-A3	17							/8.6
=												21		-A3	18							/8.7
=												22		-A3	19							/8.8
=												23		-A3	20							/8.8
=												24		-A1	M1							/8.9

5 7

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal diagram =EB3+ET1-X4
			Ed.	EPL			
			Appr.		Sample project		
Modification	Date	Name	Original		Replacement of	Replaced by	

= REPORT
+ TERM_KL
EPLAN DEMO
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Terminal diagram

F13_001

Strip

=EB3+ET2-X2

Control voltage

Function text	+ET1-W21	Cable name	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name	Page / column
	ÖLFLEX CLASSIC 110	Cable type							Cable type	
Distribution 24V DC	1		+ET1-X2	1	1	,	-A1	24V		+ET1/1.5
=	2		+ET1-X2	4	2	,	-A1	0V		+ET1/1.6
Control voltage on	3		+ET1-X2	7	3	,	-A5	2		+ET1/2.6
Emergency stop	4		+ET1-X2	10	4	,	-S1	11		+ET1/2.1
=	5		+ET1-X2	11	5	,	-S1	12		+ET1/2.1
=	6		+ET1-X2	12	6	,	-S1	21		+ET1/2.1
=	7		+ET1-X2	13	7	,	-S1	22		+ET1/2.1
Distribution 24V DC	GNYE		+ET1-X2	PE	PE	,	-A1	1PE		+ET1/1.8

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal diagram =EB3+ET2-X2	= REPORT
			Ed.	EPL				+ TERM_KL
			Appr.		Sample project			EPLAN DEMO
Modification	Date	Name	Original		Replacement of	Replaced by		Page 7 / 167

Terminal diagram

F13_001

Strip

=EB3+ET3-X2

Control voltage

Function text	+ET1-W22	Cable name	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name	Page / column
	ÖLFLEX CLASSIC 110	Cable type							Cable type	
Distribution 24V DC	1		+ET1-X2	2	1	,	-A0	1		+ET1/1.5
=	2		+ET1-X2	5	2	,	-A0	3		+ET1/1.7
Control voltage on	3		+ET1-X2	8	3	,	-A4	2		+ET1/2.6
Emergency stop	4		+ET1-X2	14	4	,	-S1	11		+ET1/2.1
=	5		+ET1-X2	15	5	,	-S1	12		+ET1/2.1
=	6		+ET1-X2	16	6	,	-S1	21		+ET1/2.1
=	7		+ET1-X2	17	7	,	-S1	22		+ET1/2.1
Distribution 24V DC	GNYE		+ET1-X2	PE	PE	,	-PE1	1		+ET1/1.8

7 9

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal diagram =EB3+ET3-X2	= REPORT
			Ed.	EPL				+ TERM_KL
			Appr.		Sample project			EPLAN DEMO — Page 8
Modification	Date	Name	Original		Replacement of	Replaced by		Page 58 / 167

Terminal diagram

F13_001

Strip

=EB3+ET4-X2

Control voltage

Function text	+ET1-W23	Cable name	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name	Page / column
	ÖLFLEX CLASSIC 110	Cable type							Cable type	
Distribution 24V DC	1		+ET1-X2	3	1	,	-A0	11		+ET1/1.6
=	2		+ET1-X2	6	2	,	-A0	13		+ET1/1.7
Control voltage on	3		+ET1-X2	9	3	,	-A3	11		+ET1/2.6
Emergency stop	4		+ET1-X2	18	4	,	-S1	11		+ET1/2.1
=	5		+ET1-X2	19	5	,	-S1	12		+ET1/2.1
=	6		+ET1-X2	20	6	,	-S1	21		+ET1/2.1
=	7		+ET1-X2	21	7	,	-S1	22		+ET1/2.1
Distribution 24V DC	GNYE		+ET1-X2	PE	PE	,	-A0	14		+ET1/1.8

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal diagram =EB3+ET4-X2
			Ed.	EPL			
			Appr.		Sample project		
Modification	Date	Name	Original		Replacement of	Replaced by	

= REPORT
+ TERM_KL
EPLAN DEMO
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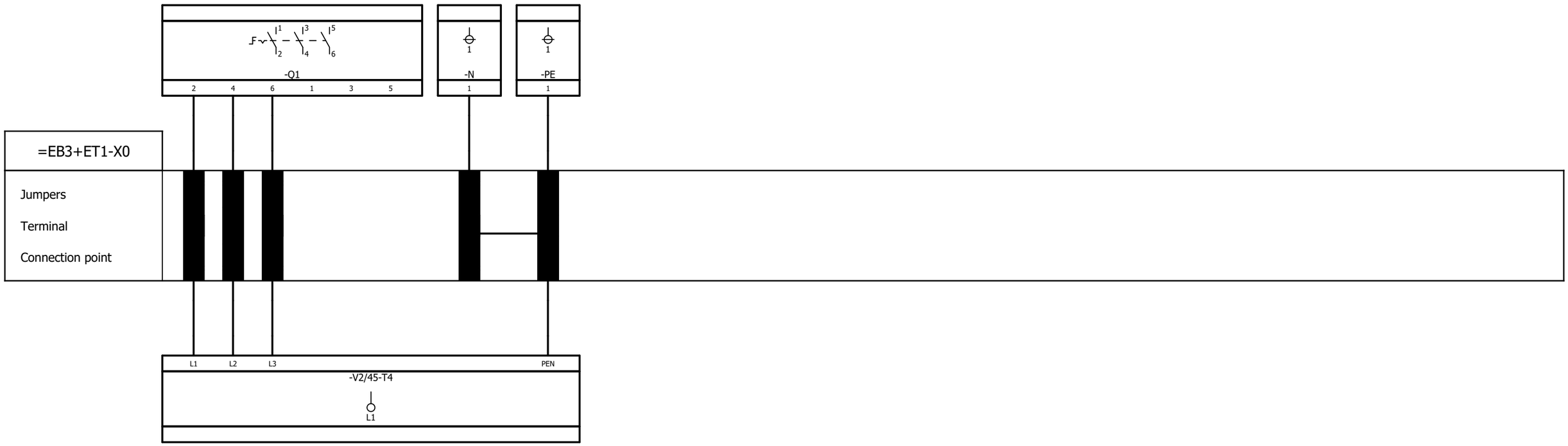
Terminal-connection diagram

F11_001
EPL 12/17/2010

Internal targets



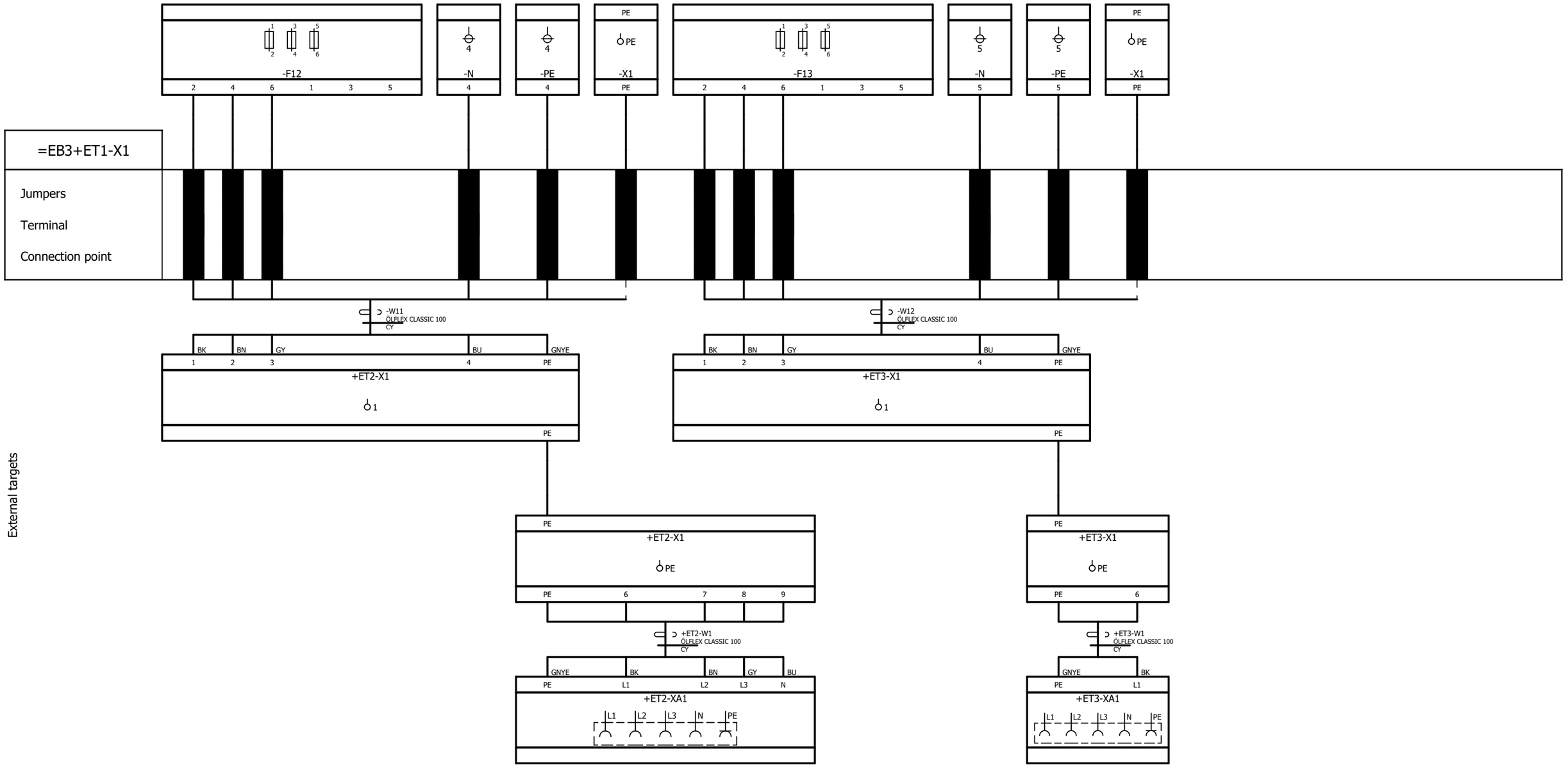
External targets

			Date	12/17/2010	EPLAN		EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET1-X0	= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 20
Modification	Date	Name	Original		Replacement of	Replaced by			Page 60 / 167

Terminal-connection diagram

Internal targets

External targets



			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET1-X1		= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 21
Modification	Date	Name	Original		Replacement of	Replaced by			Page 61 / 167

Terminal-connection diagram

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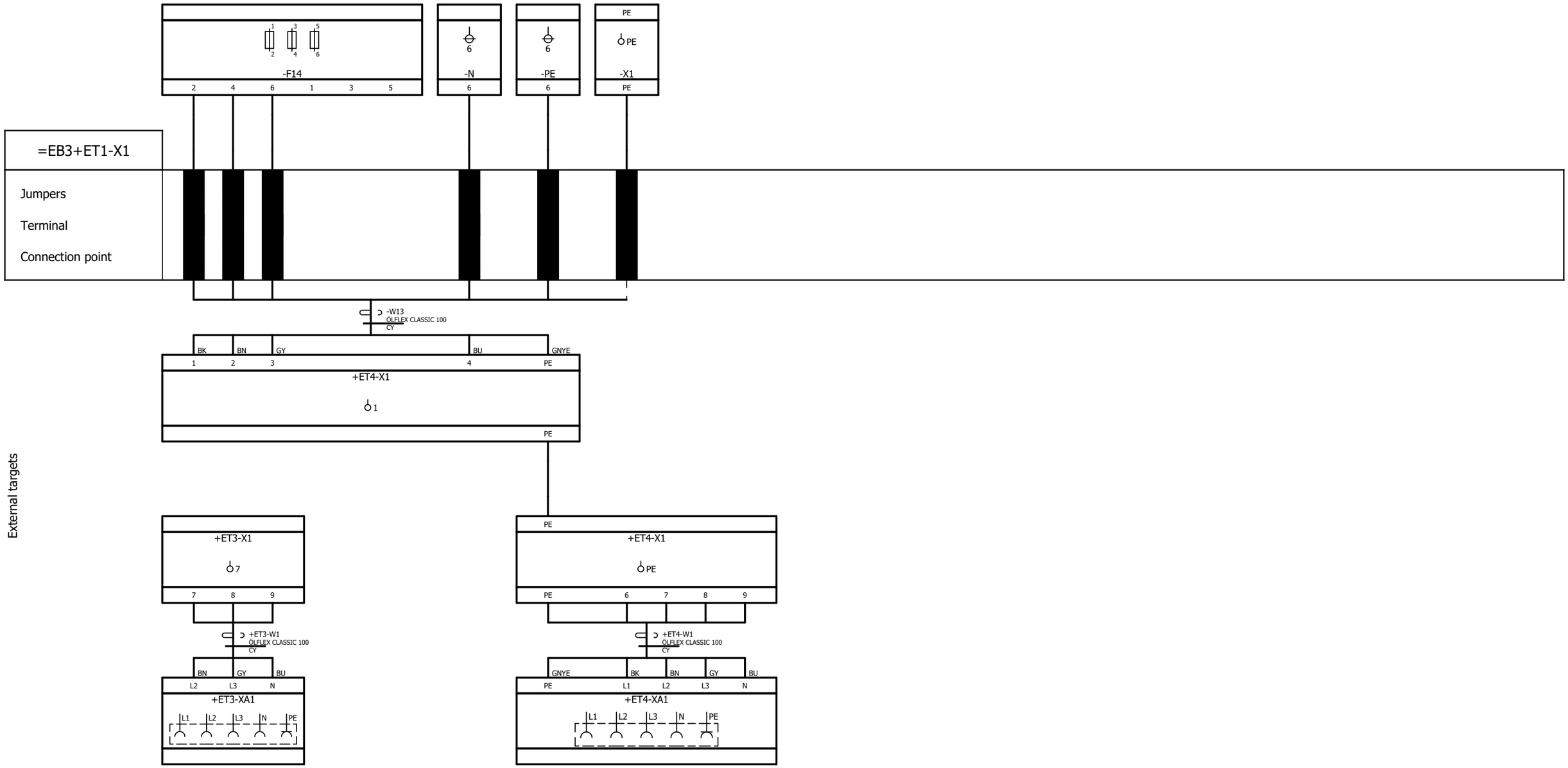
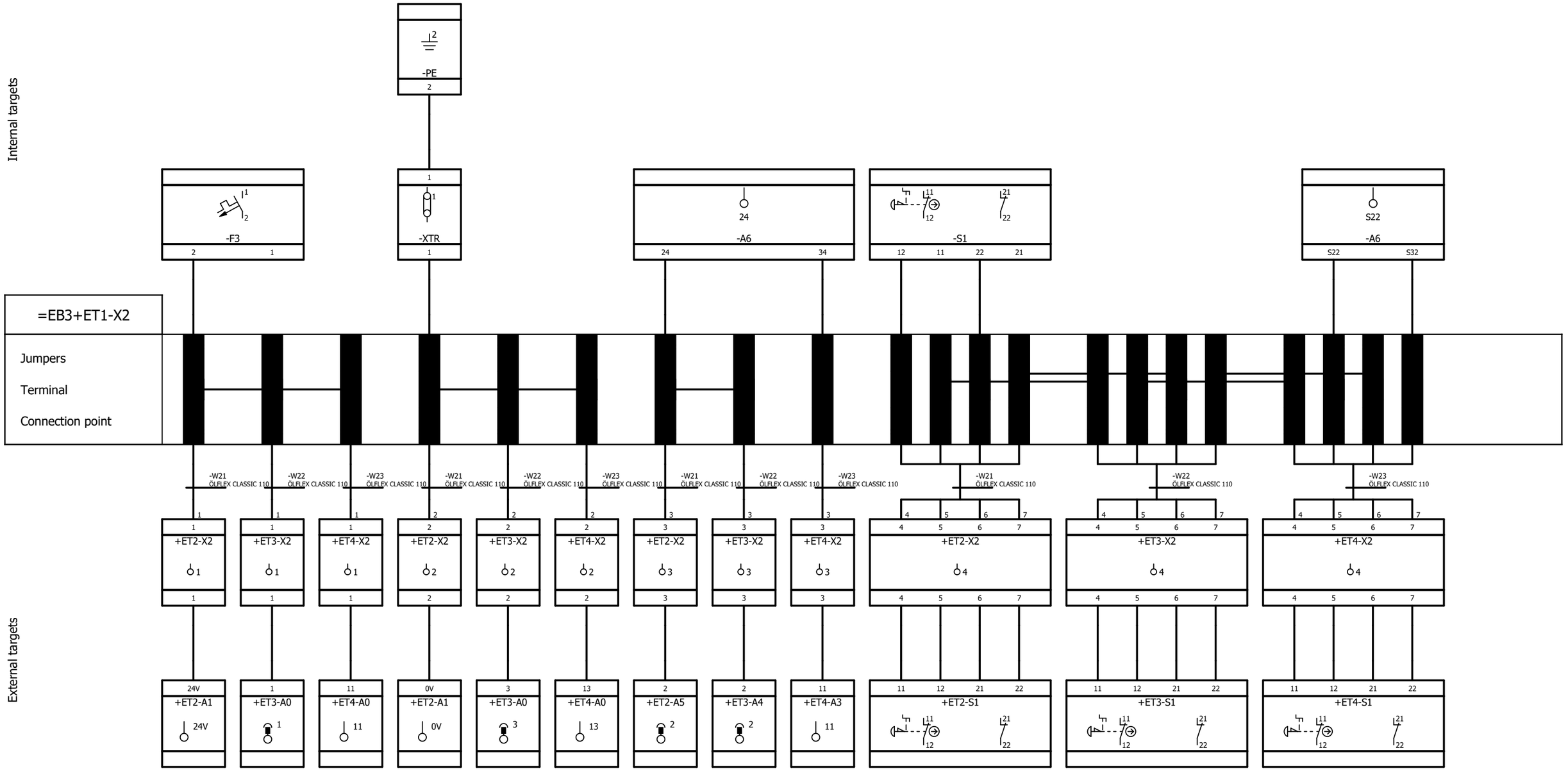
EPL 12/17/2010

Internal targets



			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET1-X1		= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 22
Modification	Date	Name	Original		Replacement of	Replaced by			Page 62 / 167

Terminal-connection diagram



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			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 23
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Terminal-connection diagram

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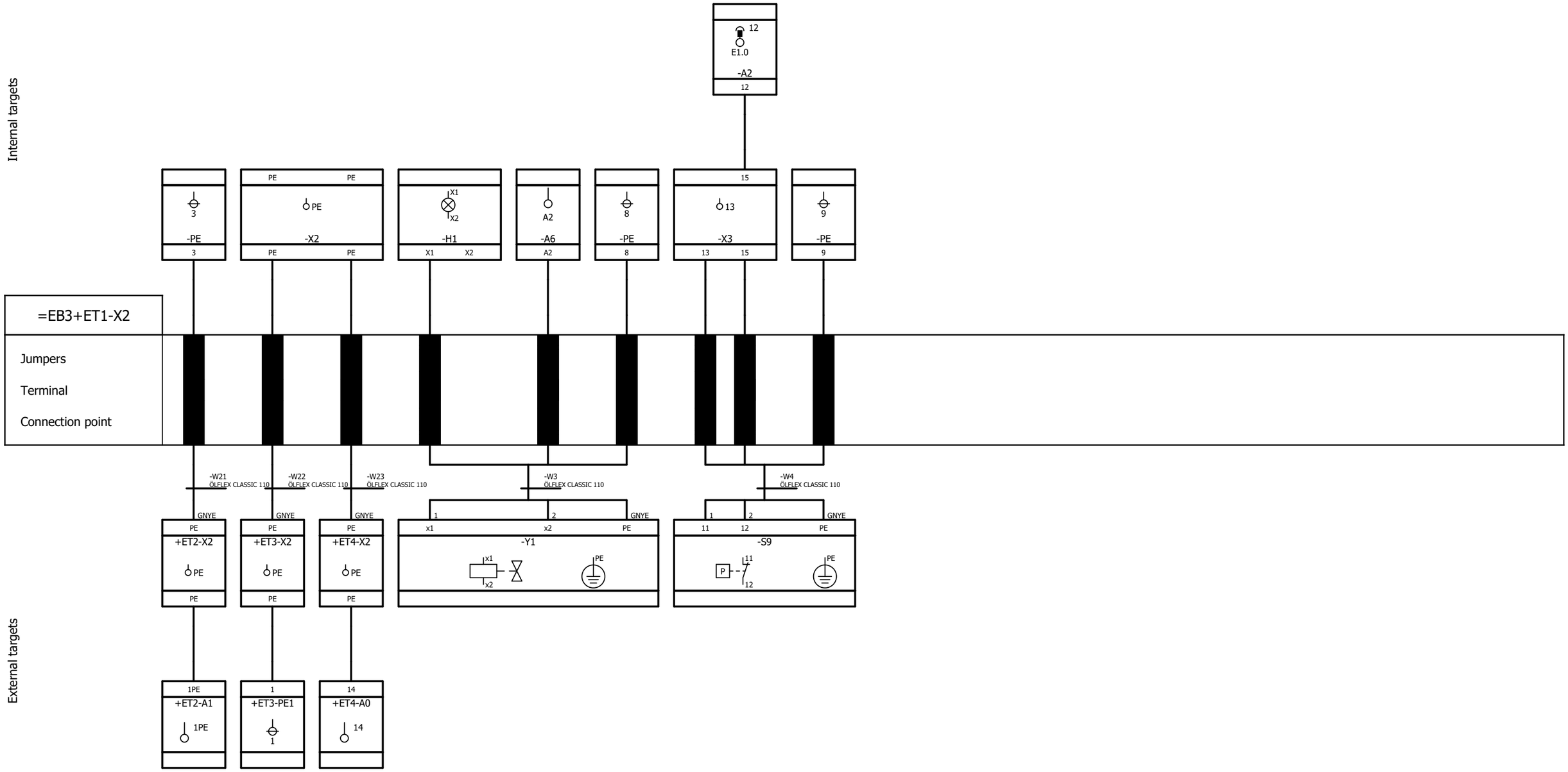

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET1-X2		= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 24
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Terminal-connection diagram

F11_001
EPL 12/17/2010

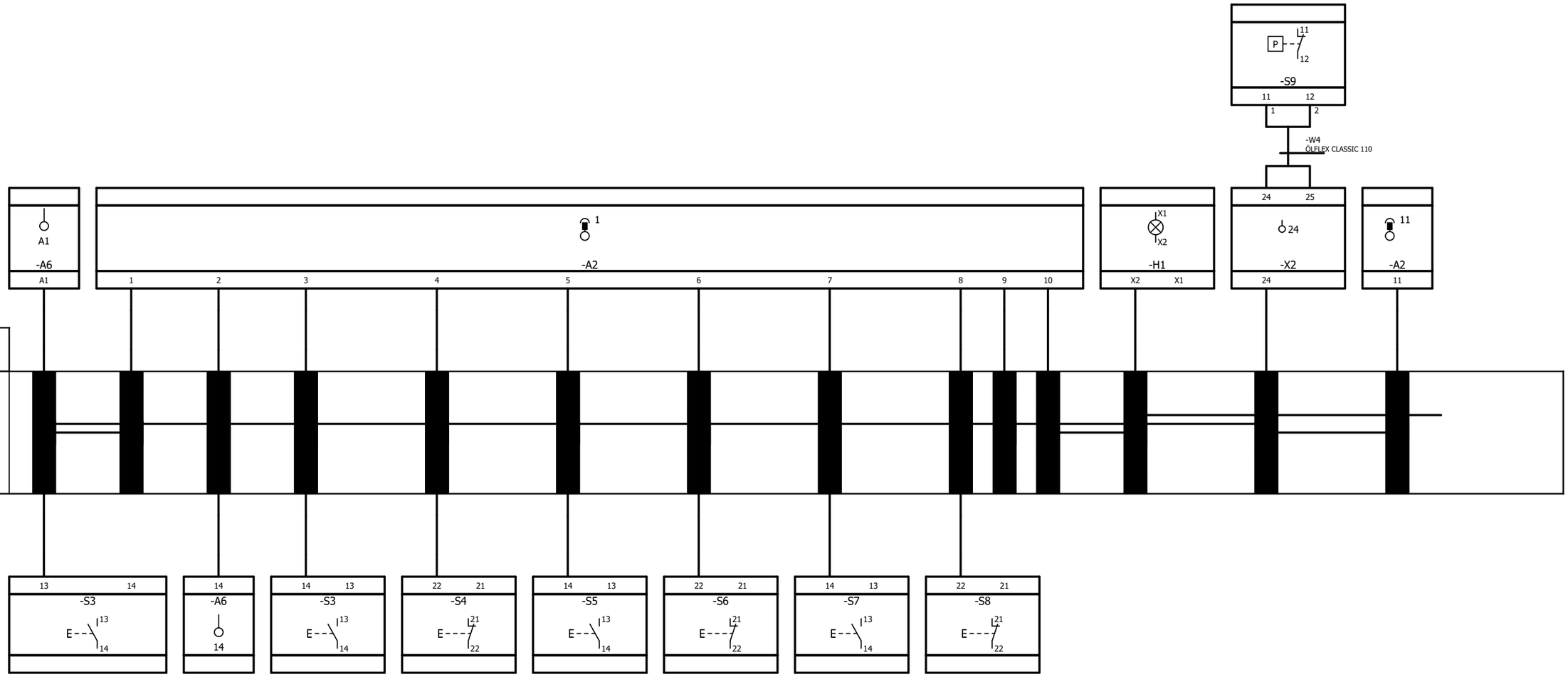
Internal targets

=EB3+ET1-X3

Jumpers

Terminal

Connection point



External targets

			Date	12/17/2010	EPLAN		EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET1-X3	= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 25
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Terminal-connection diagram

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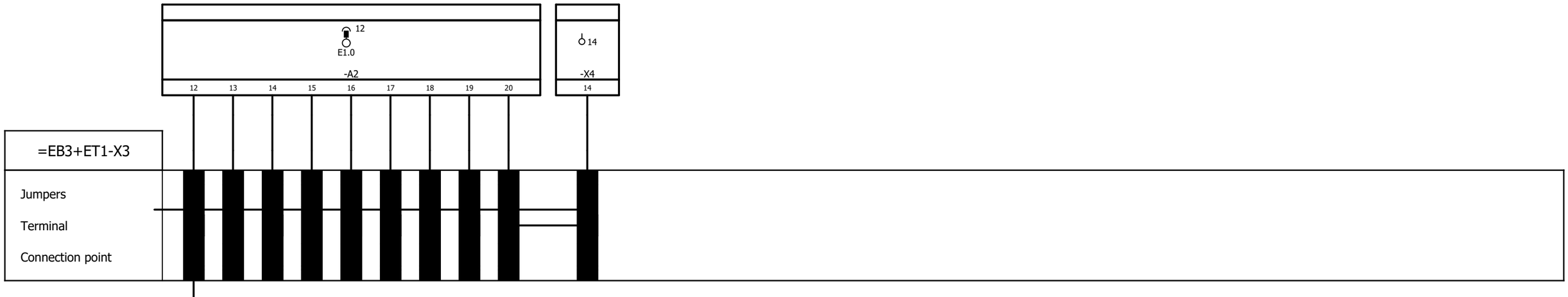
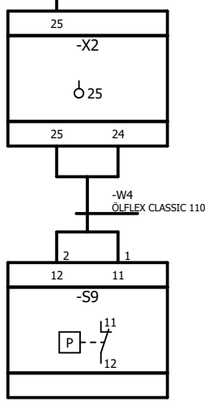
Internal targets



External targets



			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET1-X3		= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 26
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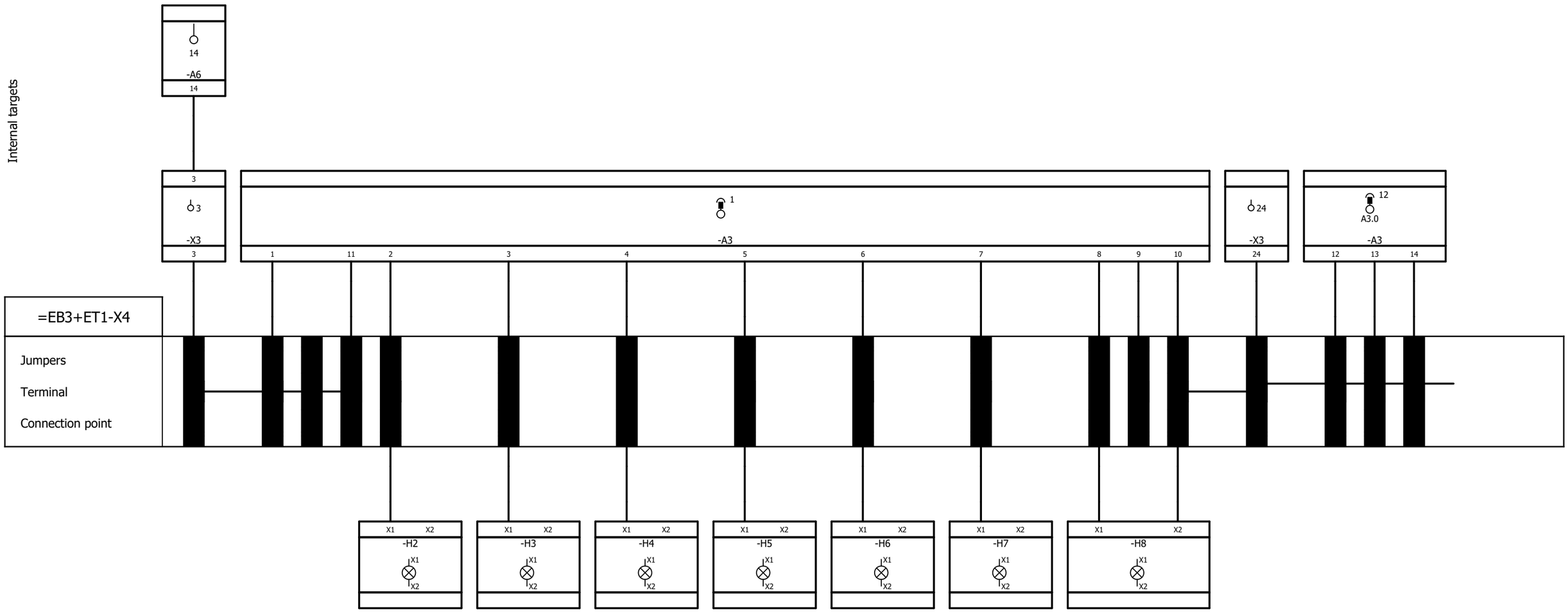
Terminal-connection diagram



			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET1-X4		= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 27
Modification	Date	Name	Original		Replacement of	Replaced by			Page 67 / 167

Terminal-connection diagram

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Internal targets

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET1-X4	= REPORT	
			Ed.	EPL				+ TERM_KL	
			Appr.		Sample project			EPLAN DEMO	Page 28
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Terminal-connection diagram

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EPL 12/17/2010

Internal targets

External targets

=EB3+ET2-X1

Jumpers

Terminal

Connection point

PE -X1 PE

PE -Q1 1 3 5 2 4 6

PE PE -X1 PE PE

PE -K1 2 1 4 3 6 5

PE -X1 PE

+ET1-W11
ÖLFLEX CLASSIC 100
CY

BK BN GY BU GNYE
1 2 3 4 PE
+ET1-X1
1
1 2 3 4 PE

2 4 6 1 3 5
+ET1-F12

4
+ET1-N

4
+ET1-PE

-W1
ÖLFLEX CLASSIC 100
CY

BK BN GY BU GNYE
L1 L2 L3 N PE
-XA1
L1 L2 L3 N PE

-W2
ÖLFLEX CLASSIC 110
H

BK BN GY GNYE
1 2 3 PE
-XS1
1
1 2 3 PE

1 2 3 PE
-XS1
1
1 2 3 PE

-W3
ÖLFLEX CLASSIC 110
H

BK BN GY GNYE
V1 U1 W1 PE
-M1
U1 V1 W1 PE
M
3 ~

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET2-X1	= REPORT
			Ed.	EPL				+ TERM_KL
			Appr.		Sample project			EPLAN DEMO — Page 29
Modification	Date	Name	Original		Replacement of	Replaced by		Page 69 / 167

Terminal-connection diagram

F11_001
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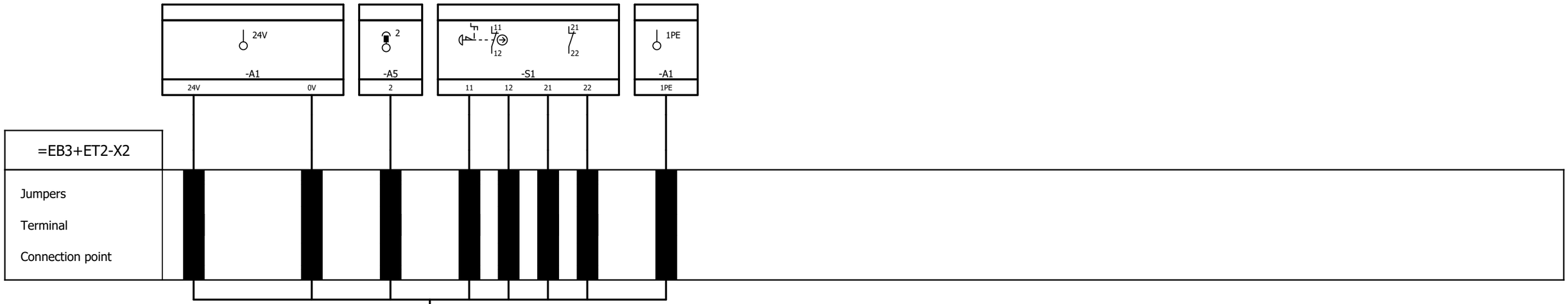
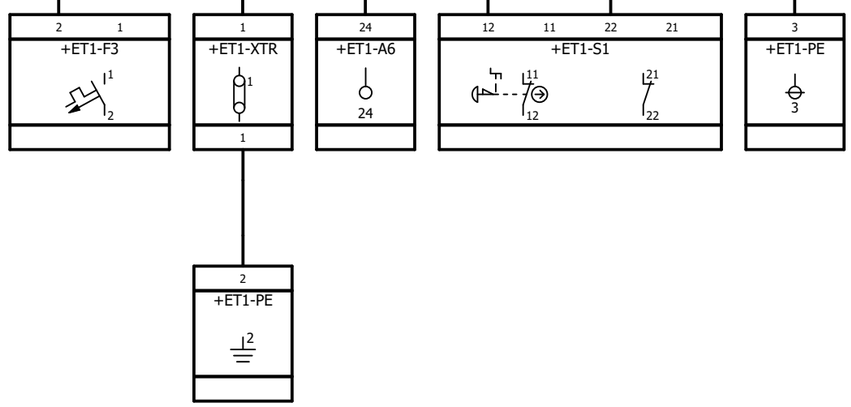
Internal targets



External targets



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			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 30
Modification	Date	Name	Original		Replacement of	Replaced by			Page 70 / 167

Terminal-connection diagram

F11_001
EPL 12/17/2010

Internal targets

External targets

=EB3+ET3-X1

Jumpers

Terminal

Connection point

PE -X1 PE

PE -Q1 1 3 5 2 4 6

PE PE -X1 PE PE

PE -K1 2 1 4 3 6 5

PE -X1 PE

+ET1-W12
ÖLFLEX CLASSIC 100
CY

BK BN GY BU GNYE
7 8 9 10 PE
+ET1-X1
7
7 8 9 10 PE

2 4 6 1 3 5
+ET1-F13
1 3 5 2 4 6

5 +ET1-N 5

5 +ET1-PE 5

-W1
ÖLFLEX CLASSIC 100
CY

BK BN GY BU GNYE
L1 L2 L3 N PE
-XA1
L1 L2 L3 N PE

-W2
ÖLFLEX CLASSIC 110
H

BK BN GY GNYE
1 2 3 PE
-XS1
1
1 2 3 PE

1 2 3 PE
-XS1
1
1 2 3 PE

-W3
ÖLFLEX CLASSIC 110
H

BK BN GY GNYE
U1 V1 W1 PE
-M1
U1 V1 W1 PE
M
3 ~

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET3-X1		= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 31
Modification	Date	Name	Original		Replacement of	Replaced by			Page 71 / 167

Terminal-connection diagram

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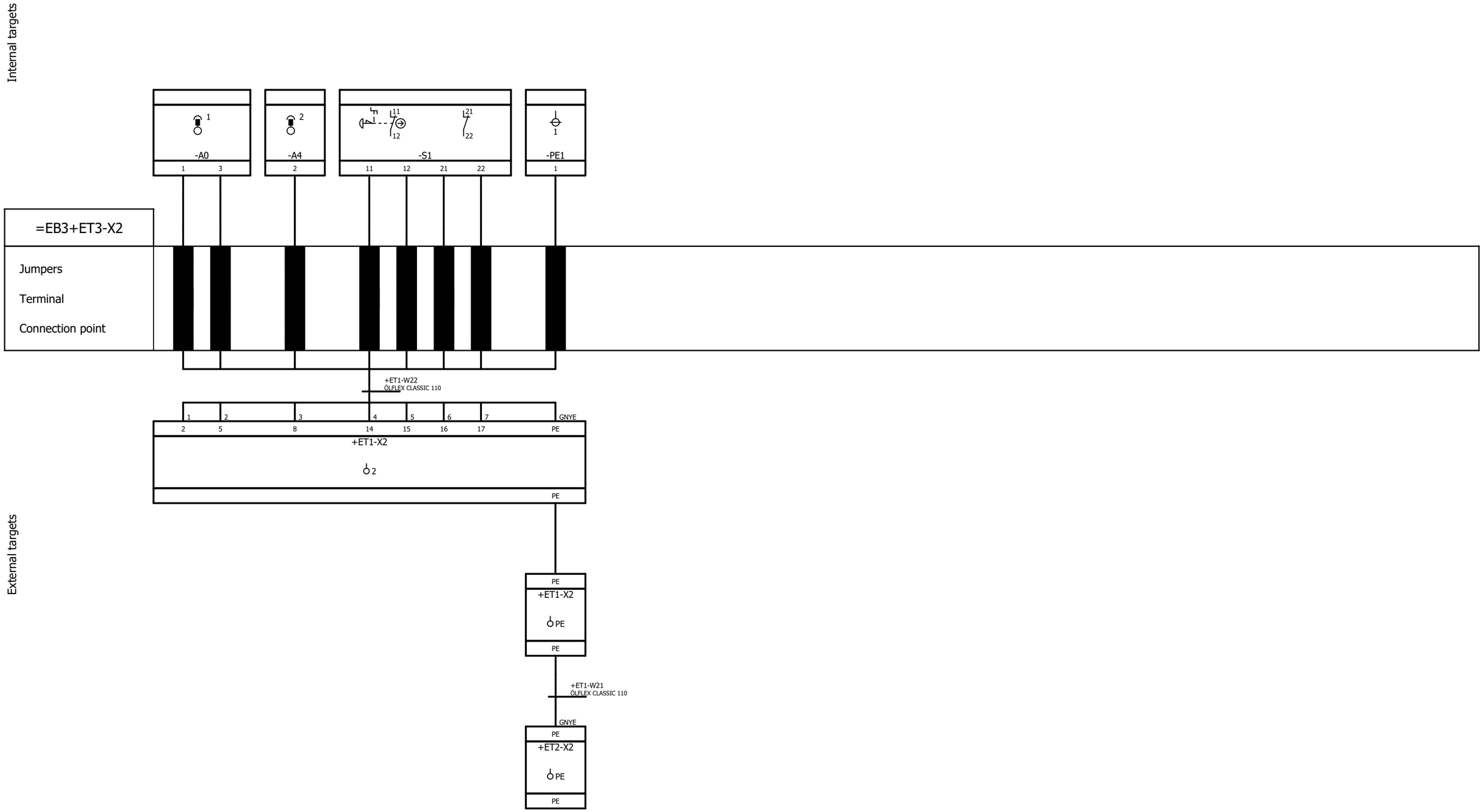
EPL 12/17/2010



			Date	12/17/2010	EPLAN		EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET3-X2	= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 32
Modification	Date	Name	Original		Replacement of	Replaced by			Page 72 / 167

Terminal-connection diagram

F11_001
EPL 12/17/2010

Internal targets

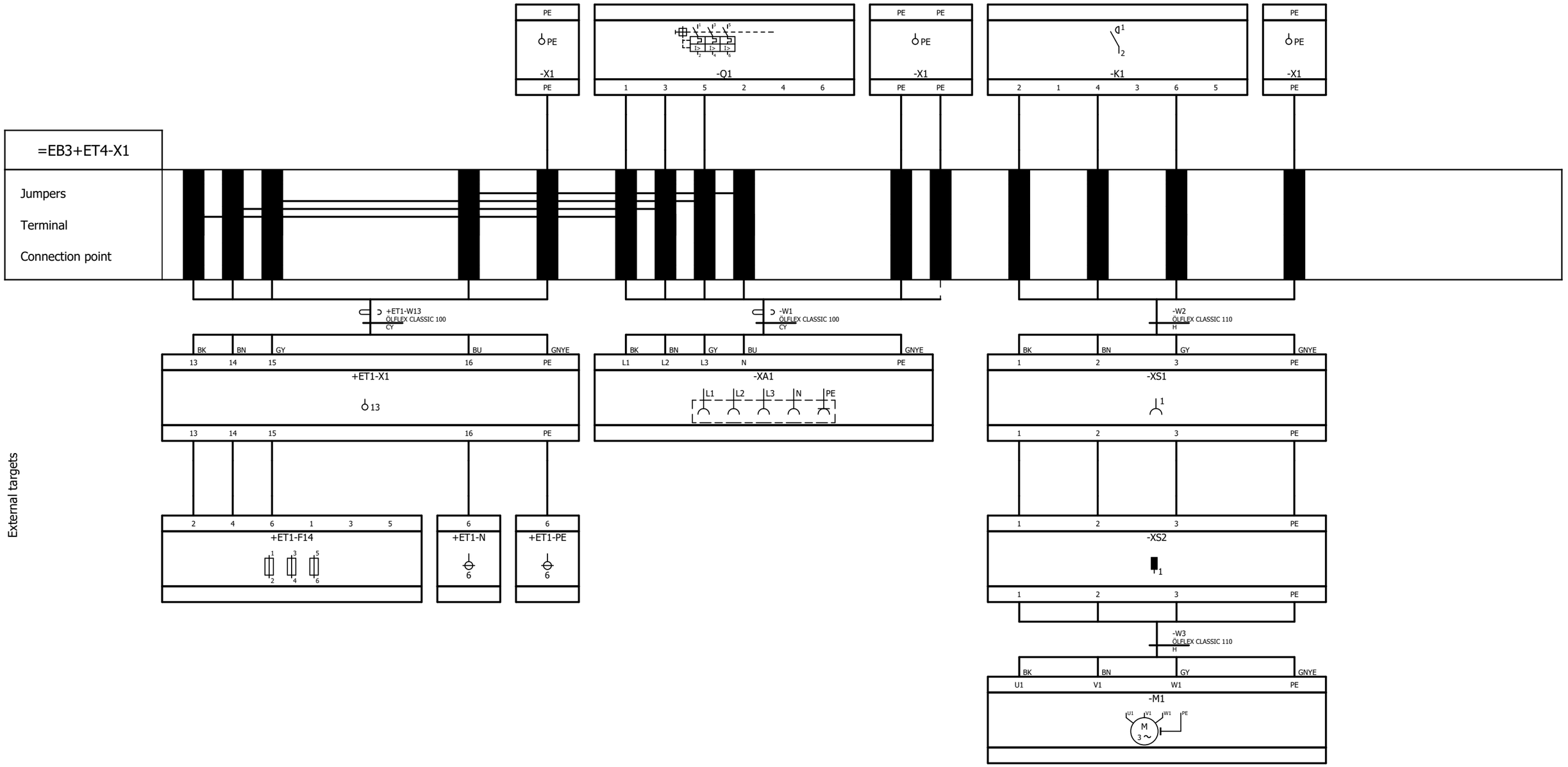
External targets

=EB3+ET4-X1

Jumpers

Terminal

Connection point

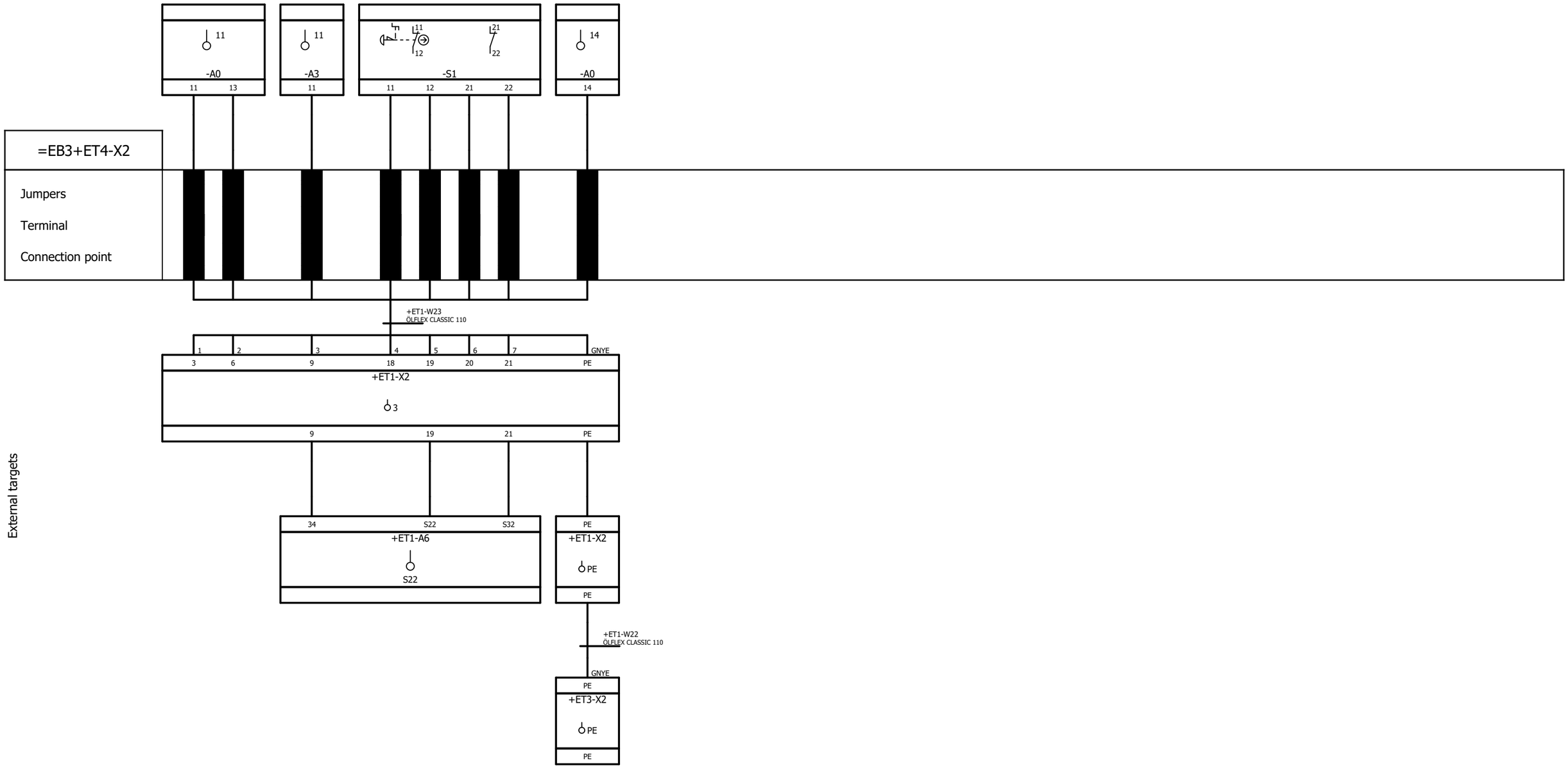


			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Terminal-connection diagram =EB3+ET4-X1		= REPORT
			Ed.	EPL					+ TERM_KL
			Appr.		Sample project			EPLAN DEMO	Page 33
Modification	Date	Name	Original		Replacement of	Replaced by			Page 73 / 167

Terminal-connection diagram

F11_001
EPL 12/17/2010

Internal targets



Plug overview

F23_001

Plug designation	Plug definition text	Plug					Page of plug diagram
		first	last	Total PE	Total N	Total number	
=EB3+ET2-XS1		1	PE	1	0	4	=REPORT+PLG_ST/2
=EB3+ET2-XS1		1	PE	1	0	4	=REPORT+PLG_ST/3
=EB3+ET3-XS1		1	PE	1	0	4	=REPORT+PLG_ST/4
=EB3+ET3-XS1		1	PE	1	0	4	=REPORT+PLG_ST/5
=EB3+ET4-XS1		1	PE	1	0	4	=REPORT+PLG_ST/6
=EB3+ET4-XS2		1	PE	1	0	4	=REPORT+PLG_ST/7

Plug diagram

F22_001

Function text									Cable name	Strip designation =EB3+ET2-XS1							Cable name	-W2				Page / column
									Cable type	Target designation	Connection point	Plug designation	Jumper	Device connection point	Target designation	Connection point	Cable type	ÖLFLEX CLASSIC 110 H				
Conveyor belt drive 1										-XS1	1	1			-X1	12		BK				/1.3
=										-XS1	2	2			-X1	13		BN				/1.4
=										-XS1	3	3			-X1	14		GY				/1.4
=										-XS1	PE	PE			-X1	PE		GNYE				/1.4

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Plug diagram =EB3+ET2-XS1	= REPORT
			Ed.	EPL				+ PLG_ST
			Appr.		Sample project			EPLAN DEMO — Page 2
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Plug diagram

F22_001

Function text							Cable name: -W3 / Cable type: ÖLFLEX CLASSIC 110 H	Cable name / Cable type	Target designation	Connection point	Plug designation	Jumper	Device connection point	Target designation	Connection point	Cable name / Cable type					Page / column
									Strip designation =EB3+ET2-XS1												
Conveyor belt drive 1							BK		-M1	V1	1			-XS1	1						/1.3
=							BN		-M1	U1	2			-XS1	2						/1.4
=							GY		-M1	W1	3			-XS1	3						/1.4
=							GNYE		-M1	PE	PE			-XS1	PE						/1.4

Plug diagram

F22_001

Function text									Cable name	Strip designation =EB3+ET3-XS1							Cable name	-W2				Page / column
									Cable type	Target designation	Connection point	Plug designation	Jumper	Device connection point	Target designation	Connection point	Cable type	ÖLFLEX CLASSIC 110 H				
Conveyor belt drive 2										-XS1	1	1			-X1	12		BK				/1.3
=										-XS1	2	2			-X1	13		BN				/1.4
=										-XS1	3	3			-X1	14		GY				/1.4
=										-XS1	PE	PE			-X1	PE		GNYE				/1.4

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Plug diagram =EB3+ET3-XS1	= REPORT
			Ed.	EPL				+ PLG_ST
			Appr.		Sample project			EPLAN DEMO / Page 4
Modification	Date	Name	Original		Replacement of	Replaced by		Page 78 / 167

Plug diagram

F22_001

Function text							-W3 / ÖLFLEX CLASSIC 110 H	Cable name / Cable type	Target designation	Connection point	Plug designation	Jumper	Device connection point	Target designation	Connection point	Cable name / Cable type					Page / column
									Strip designation =EB3+ET3-XS1												
Conveyor belt drive 2							BK		-M1	U1	1			-XS1	1						/1.3
=							BN		-M1	V1	2			-XS1	2						/1.4
=							GY		-M1	W1	3			-XS1	3						/1.4
=							GNYE		-M1	PE	PE			-XS1	PE						/1.4

Plug diagram

F22_001

Function text									Cable name	Strip designation =EB3+ET4-XS1							Cable name	-W2				Page / column
									Cable type	Target designation	Connection point	Plug designation	Jumper	Device connection point	Target designation	Connection point	Cable type	ÖLFLEX CLASSIC 110 H				
Conveyor belt drive 3										-XS2	1	1			-X1	12		BK				/1.3
=										-XS2	2	2			-X1	13		BN				/1.4
=										-XS2	3	3			-X1	14		GY				/1.4
=										-XS2	PE	PE			-X1	PE		GNYE				/1.4

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Plug diagram =EB3+ET4-XS1	= REPORT
			Ed.	EPL				+ PLG_ST
			Appr.		Sample project			EPLAN DEMO / Page 6
Modification	Date	Name	Original		Replacement of	Replaced by		Page 80 / 167

Plug diagram

F22_001

Function text								-W3	Cable name	Strip designation =EB3+ET4-XS2						Cable name					Page / column
								ÖLFLEX CLASSIC 110 H	Cable type	Target designation	Connection point	Plug designation	Jumper	Device connection point	Target designation	Connection point	Cable type					
Conveyor belt drive 3								BK		-M1	U1	1			-XS1	1						/1.3
=								BN		-M1	V1	2			-XS1	2						/1.4
=								GY		-M1	W1	3			-XS1	3						/1.4
=								GNYE		-M1	PE	PE			-XS1	PE						/1.4

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Plug diagram =EB3+ET4-XS2	= REPORT
			Ed.	EPL				+ PLG_ST
			Appr.		Sample project			EPLAN DEMO / Page 7
Modification	Date	Name	Original		Replacement of / Replaced by			Page 81 / 167

Cable overview

F10_001

Cable name	Source (from)	Target (to)	Cable type	all conductors	Conductors used	Cross-section [mm]	Length [m]	Function text	Graphical page of cable diagram
=EB3+ET1-W3	=EB3+ET1-X2	=EB3+ET1-Y1	ÖLFLEX CLASSIC 110	3	3	1	3	Pneumatics ON	=REPORT+CBL_KBL/2
=EB3+ET1-W4	=EB3+ET1-X2	=EB3+ET1-S9	ÖLFLEX CLASSIC 110	3	3	1	3	Pneumatics on	=REPORT+CBL_KBL/2
=EB3+ET1-W11	=EB3+ET1-X1	=EB3+ET2-X1	ÖLFLEX CLASSIC 100 CY	5	5	4	5	Power supply Workstation 1	=REPORT+CBL_KBL/2
=EB3+ET1-W12	=EB3+ET1-X1	=EB3+ET3-X1	ÖLFLEX CLASSIC 100 CY	5	5	4	8	Power supply Workstation 2	=REPORT+CBL_KBL/2
=EB3+ET1-W13	=EB3+ET1-X1	=EB3+ET4-X1	ÖLFLEX CLASSIC 100 CY	5	5	4	12	Power supply Workstation 3	=REPORT+CBL_KBL/2
=EB3+ET1-W21	=EB3+ET1-X2	=EB3+ET2-X2	ÖLFLEX CLASSIC 110	12	8	1	5		=REPORT+CBL_KBL/2
=EB3+ET1-W22	=EB3+ET1-X2	=EB3+ET3-X2	ÖLFLEX CLASSIC 110	12	8	1	8		=REPORT+CBL_KBL/4
=EB3+ET1-W23	=EB3+ET1-X2	=EB3+ET4-X2	ÖLFLEX CLASSIC 110	12	8	1	12		=REPORT+CBL_KBL/4
=EB3+ET1-W31	=EB3+ETA-ROBOTER	=EB3+ET1-A1	ZB3200	2	0	0,64	4		
=EB3+ET1-W32	=EB3+ETA-ROBOTER	=EB3+ET2-A1	ZB3200	2	0	0,64	3	STATION 1	
=EB3+ET1-W33	=EB3+ETA-ROBOTER	=EB3+ET2-A1	ZB3200	2	0	0,64	4	=	
=EB3+ET1-W34	=EB3+ETA-ROBOTER	=EB3+ET3-A0	ZB3200	2	0	0,64	3	STATION 2	
=EB3+ET1-W35	=EB3+ETA-ROBOTER	=EB3+ET3-A0	ZB3200	2	0	0,64	4	=	
=EB3+ET1-W36	=EB3+ETA-ROBOTER	=EB3+ET4-A0	ZB3200	2	0	0,64	3	STATION 3	
=EB3+ET2-W1	=EB3+ET2-X1	=EB3+ET2-XA1	ÖLFLEX CLASSIC 100 CY	5	5	4	1	Robot 1	=REPORT+CBL_KBL/4
=EB3+ET2-W2	=EB3+ET2-X1	=EB3+ET2-XS1	ÖLFLEX CLASSIC 110 H	4	4	2,5	1	Conveyor belt drive 1	=REPORT+CBL_KBL/4
=EB3+ET2-W3	=EB3+ET2-XS1	=EB3+ET2-M1	ÖLFLEX CLASSIC 110 H	4	4	2,5	3	=	=REPORT+CBL_KBL/4
=EB3+ET2-W5	=EB3+ET2-A6	=EB3+ET2-Y1	ÖLFLEX CLASSIC 110	3	3	1	3	Workpiece fixed 1 (Stretch)	=REPORT+CBL_KBL/6
=EB3+ET2-W6	=EB3+ET2-A7	=EB3+ET2-Y2	ÖLFLEX CLASSIC 110	3	3	1	5	Workpiece fixed 2 (Release)	=REPORT+CBL_KBL/6
=EB3+ET2-W7	=EB3+ET2-A2	=EB3+ET2-B1	UNITRONIC Sensor FD UL/CSA	3	3	0,34	3	Conveyor belt in use	=REPORT+CBL_KBL/6
=EB3+ET2-W8	=EB3+ET2-A3	=EB3+ET2-S2	UNITRONIC Sensor FD UL/CSA	3	3	0,34	5	Workpiece fixed 1	=REPORT+CBL_KBL/6
=EB3+ET2-W9	=EB3+ET2-A3	=EB3+ET2-S3	UNITRONIC Sensor FD UL/CSA	3	3	0,34	4	Workpiece fixed 2	=REPORT+CBL_KBL/6
=EB3+ET2-W10	=EB3+ET2-A7	=EB3+ET2-Y3	ÖLFLEX CLASSIC 110	3	3	1	2	Feed workpiece (Valve forward)	=REPORT+CBL_KBL/6
=EB3+ET2-W11	=EB3+ET2-A4	=EB3+ET2-S4	UNITRONIC Sensor FD UL/CSA	3	3	0,34	2	Workpiece in magazine	=REPORT+CBL_KBL/6
=EB3+ET2-W12	=EB3+ET2-A4	=EB3+ET2-S5	UNITRONIC Sensor FD UL/CSA	3	3	0,34	2	Workpiece on the conveyor belt	=REPORT+CBL_KBL/6
=EB3+ET3-W1	=EB3+ET3-X1	=EB3+ET3-XA1	ÖLFLEX CLASSIC 100 CY	5	5	4	1	Robot 2	=REPORT+CBL_KBL/6
=EB3+ET3-W2	=EB3+ET3-X1	=EB3+ET3-XS1	ÖLFLEX CLASSIC 110 H	4	4	2,5	1	Conveyor belt drive 2	=REPORT+CBL_KBL/6
=EB3+ET3-W3	=EB3+ET3-XS1	=EB3+ET3-M1	ÖLFLEX CLASSIC 110 H	4	4	2,5	3	=	=REPORT+CBL_KBL/6
=EB3+ET3-W5	=EB3+ET3-A5	=EB3+ET3-Y1	ÖLFLEX CLASSIC 110	3	3	1	3	Workpiece fixed 1 (Stretch)	=REPORT+CBL_KBL/6
	=EB3+ET3-PE1								
=EB3+ET3-W6	=EB3+ET3-A6	=EB3+ET3-Y2	ÖLFLEX CLASSIC 110	3	3	1	5	Workpiece fixed 2 (Release)	=REPORT+CBL_KBL/9
	=EB3+ET3-PE1								
=EB3+ET3-W7	=EB3+ET3-A2	=EB3+ET3-B1	UNITRONIC Sensor FD UL/CSA	3	3	0,34	3	Conveyor belt in use	=REPORT+CBL_KBL/9
=EB3+ET3-W8	=EB3+ET3-A3	=EB3+ET3-S2	UNITRONIC Sensor FD UL/CSA	3	3	0,34	5	Workpiece fixed 1	=REPORT+CBL_KBL/9
=EB3+ET3-W9	=EB3+ET3-A3	=EB3+ET3-S3	UNITRONIC Sensor FD UL/CSA	3	3	0,34	5	Workpiece fixed 2	=REPORT+CBL_KBL/9
=EB3+ET4-W1	=EB3+ET4-X1	=EB3+ET4-XA1	ÖLFLEX CLASSIC 100 CY	5	5	4	1	Robot 3	=REPORT+CBL_KBL/9
=EB3+ET4-W2	=EB3+ET4-X1	=EB3+ET4-XS1	ÖLFLEX CLASSIC 110 H	4	4	2,5	1	Conveyor belt drive 3	=REPORT+CBL_KBL/9
=EB3+ET4-W3	=EB3+ET4-XS2	=EB3+ET4-M1	ÖLFLEX CLASSIC 110 H	4	4	2,5	4	=	=REPORT+CBL_KBL/9
=EB3+ET4-W5	=EB3+ET4-A4	=EB3+ET4-Y1	ÖLFLEX CLASSIC 110	3	3	1	3	Workpiece fixed 1 (Stretch)	=REPORT+CBL_KBL/9
=EB3+ET4-W6	=EB3+ET4-A5	=EB3+ET4-Y2	ÖLFLEX CLASSIC 110	3	3	1	3	Workpiece fixed 2 (Release)	=REPORT+CBL_KBL/11
=EB3+ET4-W7	=EB3+ET4-A1	=EB3+ET4-B1	UNITRONIC Sensor FD UL/CSA	3	3	0,34	3	Conveyor belt in use	=REPORT+CBL_KBL/11
=EB3+ET4-W8	=EB3+ET4-A2	=EB3+ET4-S2	UNITRONIC Sensor FD UL/CSA	3	3	0,34	5	Workpiece fixed 1	=REPORT+CBL_KBL/11
=EB3+ET4-W9	=EB3+ET4-A2	=EB3+ET4-S3	UNITRONIC Sensor FD UL/CSA	3	3	0,34	5	Workpiece fixed 2	=REPORT+CBL_KBL/11

Cable diagram

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Cable name	=EB3+ET1-W3		Cable type	ÖLFLEX CLASSIC 110					
Function text	Pneumatics ON		No. of conductors	3		Cross-section	1	Cable length	3
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Pneumatics ON	/2.4	-X2	22	1	-Y1	x1	/2.4	Pneumatics ON	
=	/2.4	-X2	23	2	-Y1	x2	/2.4	=	
=	/2.4	-X2	PE	GNYE	-Y1	PE	/2.4		

Cable name	=EB3+ET1-W4		Cable type	ÖLFLEX CLASSIC 110					
Function text	Pneumatics on		No. of conductors	3		Cross-section	1	Cable length	3
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Pneumatics on	/6.1	-X2	24	1	-S9	11	/6.1	Pneumatics on	
=	/6.1	-X2	25	2	-S9	12	/6.1	=	
=	/6.2	-X2	PE	GNYE	-S9	PE	/6.2		

Cable name	=EB3+ET1-W11		Cable type	ÖLFLEX CLASSIC 100 CY					
Function text	Power supply Workstation 1		No. of conductors	5		Cross-section	4	Cable length	5
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Power supply Workstation 1	/3.1	-X1	1	BK	+ET2-X1	1	/3.1	Power supply Workstation 1	
=	/3.1	-X1	2	BN	+ET2-X1	2	/3.1	=	
=	/3.2	-X1	3	GY	+ET2-X1	3	/3.2	=	
=	/3.2	-X1	4	BU	+ET2-X1	4	/3.2	=	
=	/3.2	-X1	PE	GNYE	+ET2-X1	PE	/3.2	=	
=	/3.2	-X1	PE	SH	-W11	SH	/3.1	=	

Cable name	=EB3+ET1-W12		Cable type	ÖLFLEX CLASSIC 100 CY					
Function text	Power supply Workstation 2		No. of conductors	5		Cross-section	4	Cable length	8
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Power supply Workstation 2	/3.4	-X1	7	BK	+ET3-X1	1	/3.4	Power supply Workstation 2	
=	/3.4	-X1	8	BN	+ET3-X1	2	/3.4	=	
=	/3.5	-X1	9	GY	+ET3-X1	3	/3.5	=	
=	/3.5	-X1	10	BU	+ET3-X1	4	/3.5	=	

Cable diagram

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Cable name	=EB3+ET1-W12		Cable type	ÖLFLEX CLASSIC 100 CY					
Function text	Power supply Workstation 2		No. of conductors	5		Cross-section	4	Cable length	8
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Power supply Workstation 2	/3.5	-X1	PE	GNYE	+ET3-X1	PE	/3.5	Power supply Workstation 2	
=	/3.5	-X1	PE	SH	-W12	SH	/3.4	=	

Cable name	=EB3+ET1-W13		Cable type	ÖLFLEX CLASSIC 100 CY					
Function text	Power supply Workstation 3		No. of conductors	5		Cross-section	4	Cable length	12
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Power supply Workstation 3	/3.7	-X1	13	BK	+ET4-X1	1	/3.7	Power supply Workstation 3	
=	/3.7	-X1	14	BN	+ET4-X1	2	/3.7	=	
=	/3.8	-X1	15	GY	+ET4-X1	3	/3.8	=	
=	/3.8	-X1	16	BU	+ET4-X1	4	/3.8	=	
=	/3.8	-X1	PE	GNYE	+ET4-X1	PE	/3.8	=	
=	/3.8	-X1	PE	SH	-W13	SH	/3.7	=	

Cable name	=EB3+ET1-W21		Cable type	ÖLFLEX CLASSIC 110					
Function text			No. of conductors	12		Cross-section	1	Cable length	5
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Distribution 24V DC	/1.5	-X2	1	1	+ET2-X2	1	/1.5	Distribution 24V DC	
=	/1.6	-X2	4	2	+ET2-X2	2	/1.6	=	
Control voltage on	/2.6	-X2	7	3	+ET2-X2	3	/2.6	Control voltage on	
Emergency stop	/2.1	-X2	10	4	+ET2-X2	4	/2.1	Emergency stop	
=	/2.1	-X2	11	5	+ET2-X2	5	/2.1	=	
=	/2.1	-X2	12	6	+ET2-X2	6	/2.1	=	
=	/2.1	-X2	13	7	+ET2-X2	7	/2.1	=	
				8					
				9					
				10					
				11					
Distribution 24V DC	/1.8	-X2	PE	GNYE	+ET2-X2	PE	/1.8	Distribution 24V DC	

Cable diagram

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Cable name	=EB3+ET1-W22		Cable type	ÖLFLEX CLASSIC 110					
Function text			No. of conductors	12		Cross-section	1	Cable length	8
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Distribution 24V DC	/1.5	-X2	2	1	+ET3-X2	1	/1.5	Distribution 24V DC	
=	/1.7	-X2	5	2	+ET3-X2	2	/1.7	=	
Control voltage on	/2.6	-X2	8	3	+ET3-X2	3	/2.6	Control voltage on	
Emergency stop	/2.1	-X2	14	4	+ET3-X2	4	/2.1	Emergency stop	
=	/2.1	-X2	15	5	+ET3-X2	5	/2.1	=	
=	/2.1	-X2	16	6	+ET3-X2	6	/2.1	=	
=	/2.1	-X2	17	7	+ET3-X2	7	/2.1	=	
				8					
				9					
				10					
				11					
Distribution 24V DC	/1.8	-X2	PE	GNYE	+ET3-X2	PE	/1.8	Distribution 24V DC	

Cable name	=EB3+ET1-W23		Cable type	ÖLFLEX CLASSIC 110					
Function text			No. of conductors	12		Cross-section	1	Cable length	12
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Distribution 24V DC	/1.6	-X2	3	1	+ET4-X2	1	/1.6	Distribution 24V DC	
=	/1.7	-X2	6	2	+ET4-X2	2	/1.7	=	
Control voltage on	/2.6	-X2	9	3	+ET4-X2	3	/2.6	Control voltage on	
Emergency stop	/2.1	-X2	18	4	+ET4-X2	4	/2.1	Emergency stop	
=	/2.1	-X2	19	5	+ET4-X2	5	/2.1	=	
=	/2.1	-X2	20	6	+ET4-X2	6	/2.1	=	
=	/2.1	-X2	21	7	+ET4-X2	7	/2.1	=	
				8					
				9					
				10					
				11					

Cable diagram

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Cable name	=EB3+ET1-W23		Cable type	ÖLFLEX CLASSIC 110					
Function text			No. of conductors	12		Cross-section	1	Cable length	12
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Distribution 24V DC	/1.8	-X2	PE	GNYE	+ET4-X2	PE	/1.8	Distribution 24V DC	

Cable name	=EB3+ET2-W1		Cable type	ÖLFLEX CLASSIC 100 CY					
Function text	Robot 1		No. of conductors	5		Cross-section	4	Cable length	1
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Robot 1	/1.1	-X1	6	BK	-XA1	L1	/1.1	Robot 1	
=	/1.1	-X1	7	BN	-XA1	L2	/1.1	=	
=	/1.2	-X1	8	GY	-XA1	L3	/1.1	=	
=	/1.2	-X1	9	BU	-XA1	N	/1.1	=	
=	/1.2	-X1	PE	GNYE	-XA1	PE	/1.1	=	
=	/1.2	-X1	PE	SH	-W1	SH	+ETA/3.1	=	

Cable name	=EB3+ET2-W2		Cable type	ÖLFLEX CLASSIC 110 H					
Function text	Conveyor belt drive 1		No. of conductors	4		Cross-section	2,5	Cable length	1
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Conveyor belt drive 1	/1.3	-X1	12	BK	-XS1	1	/1.3	Conveyor belt drive 1	
=	/1.4	-X1	13	BN	-XS1	2	/1.4	=	
=	/1.4	-X1	14	GY	-XS1	3	/1.4	=	
=	/1.4	-X1	PE	GNYE	-XS1	PE	/1.4	=	

Cable name	=EB3+ET2-W3		Cable type	ÖLFLEX CLASSIC 110 H					
Function text	Conveyor belt drive 1		No. of conductors	4		Cross-section	2,5	Cable length	3
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Conveyor belt drive 1	/1.3	-XS1	1	BK	-M1	V1	/1.3	Conveyor belt drive 1	
=	/1.4	-XS1	2	BN	-M1	U1	/1.3	=	
=	/1.4	-XS1	3	GY	-M1	W1	/1.3	=	
=	/1.4	-XS1	PE	GNYE	-M1	PE	/1.3	=	

Cable diagram

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Cable name	=EB3+ET2-W5		Cable type	ÖLFLEX CLASSIC 110					
Function text	Workpiece fixed 1 (Stretch)		No. of conductors	3		Cross-section	1	Cable length	3
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 1 (Stretch)	/3.3	-A6	5	1	-Y1	x1	/3.3	Workpiece fixed 1 (Stretch)	
	/3.3	-A6	7	2	-Y1	x2	/3.3	=	
	/3.4	-A6	8	GNYE	-Y1	PE	/3.4		

Cable name	=EB3+ET2-W6		Cable type	ÖLFLEX CLASSIC 110					
Function text	Workpiece fixed 2 (Release)		No. of conductors	3		Cross-section	1	Cable length	5
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 2 (Release)	/3.4	-A7	1	1	-Y2	x1	/3.4	Workpiece fixed 2 (Release)	
	/3.4	-A7	3	2	-Y2	x2	/3.4	=	
	/3.5	-A7	4	GNYE	-Y2	PE	/3.5		

Cable name	=EB3+ET2-W7		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Conveyor belt in use		No. of conductors	3		Cross-section	0,34	Cable length	3
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Conveyor belt in use	/2.3	-A2	5	BN	-B1	4	/2.3	Conveyor belt in use	
=	/2.3	-A2	6	BU	-B1	1	/2.3	=	
	/2.3	-A2	7	BK	-B1	2	/2.3	=	

Cable name	=EB3+ET2-W8		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Workpiece fixed 1		No. of conductors	3		Cross-section	0,34	Cable length	5
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 1	/2.4	-A3	1	BN	-S2	4	/2.4	Workpiece fixed 1	
=	/2.4	-A3	2	BU	-S2	1	/2.4	=	
	/2.4	-A3	3	BK	-S2	3	/2.4	=	

Cable name	=EB3+ET2-W9		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Workpiece fixed 2		No. of conductors	3		Cross-section	0,34	Cable length	4
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 2	/2.6	-A3	5	BN	-S3	4	/2.5	Workpiece fixed 2	

Cable diagram

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Cable name	=EB3+ET2-W9		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Workpiece fixed 2		No. of conductors	3		Cross-section	0,34	Cable length	4
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 2	/2.5	-A3	6	BU	-S3	1	/2.5	Workpiece fixed 2	
	/2.5	-A3	7	BK	-S3	3	/2.5	=	

Cable name	=EB3+ET2-W10		Cable type	ÖLFLEX CLASSIC 110					
Function text	Feed workpiece (Valve forward)		No. of conductors	3		Cross-section	1	Cable length	2
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Feed workpiece (Valve forward)	/3.5	-A7	5	1	-Y3	x1	/3.5	Feed workpiece (Valve forward)	
	/3.6	-A7	7	2	-Y3	x2	/3.5	=	
	/3.6	-A7	8	GNYE	-Y3	PE	/3.6		

Cable name	=EB3+ET2-W11		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Workpiece in magazine		No. of conductors	3		Cross-section	0,34	Cable length	2
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece in magazine	/2.7	-A4	1	BN	-S4	4	/2.6	Workpiece in magazine	
=	/2.6	-A4	2	BU	-S4	1	/2.6	=	
	/2.6	-A4	3	BK	-S4	3	/2.6	=	

Cable name	=EB3+ET2-W12		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Workpiece on the conveyor belt		No. of conductors	3		Cross-section	0,34	Cable length	2
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece on the conveyor belt	/2.8	-A4	5	BN	-S5	4	/2.7	Workpiece on the conveyor belt	
=	/2.7	-A4	6	BU	-S5	1	/2.7	=	
	/2.7	-A4	7	BK	-S5	3	/2.7	=	

Cable name	=EB3+ET3-W1		Cable type	ÖLFLEX CLASSIC 100 CY					
Function text	Robot 2		No. of conductors	5		Cross-section	4	Cable length	1
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Robot 2	/1.1	-X1	6	BK	-XA1	L1	/1.1	Robot 2	
=	/1.1	-X1	7	BN	-XA1	L2	/1.1	=	

Cable diagram

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Cable name	=EB3+ET3-W1		Cable type	ÖLFLEX CLASSIC 100 CY					
Function text	Robot 2		No. of conductors	5		Cross-section	4	Cable length	1
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Robot 2	/1.2	-X1	8	GY	-XA1	L3	/1.1	Robot 2	
=	/1.2	-X1	9	BU	-XA1	N	/1.1	=	
=	/1.2	-X1	PE	GNYE	-XA1	PE	/1.1	=	
=	/1.2	-X1	PE	SH	-W1	SH	+ETA/3.4	=	

Cable name	=EB3+ET3-W2		Cable type	ÖLFLEX CLASSIC 110 H					
Function text	Conveyor belt drive 2		No. of conductors	4		Cross-section	2,5	Cable length	1
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Conveyor belt drive 2	/1.3	-X1	12	BK	-XS1	1	/1.3	Conveyor belt drive 2	
=	/1.4	-X1	13	BN	-XS1	2	/1.4	=	
=	/1.4	-X1	14	GY	-XS1	3	/1.4	=	
=	/1.4	-X1	PE	GNYE	-XS1	PE	/1.4	=	

Cable name	=EB3+ET3-W3		Cable type	ÖLFLEX CLASSIC 110 H					
Function text	Conveyor belt drive 2		No. of conductors	4		Cross-section	2,5	Cable length	3
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Conveyor belt drive 2	/1.3	-XS1	1	BK	-M1	U1	/1.3	Conveyor belt drive 2	
=	/1.4	-XS1	2	BN	-M1	V1	/1.3	=	
=	/1.4	-XS1	3	GY	-M1	W1	/1.3	=	
=	/1.4	-XS1	PE	GNYE	-M1	PE	/1.3	=	

Cable name	=EB3+ET3-W5		Cable type	ÖLFLEX CLASSIC 110					
Function text	Workpiece fixed 1 (Stretch)		No. of conductors	3		Cross-section	1	Cable length	3
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 1 (Stretch)	/3.3	-A5	5	1	-Y1	x1	/3.3	Workpiece fixed 1 (Stretch)	
	/3.5	-A5	7	2	-Y1	x2	/3.3	=	
	/3.5	-PE1	3	GNYE	-Y1	PE	/3.5		

Cable diagram

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Cable name	=EB3+ET3-W6		Cable type	ÖLFLEX CLASSIC 110					
Function text	Workpiece fixed 2 (Release)		No. of conductors	3		Cross-section	1	Cable length	5
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 2 (Release)	/3.6	-A6	1	1	-Y2	x1	/3.6	Workpiece fixed 2 (Release)	
	/3.7	-A6	3	2	-Y2	x2	/3.6	=	
	/3.7	-PE1	4	GNYE	-Y2	PE	/3.7		

Cable name	=EB3+ET3-W7		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Conveyor belt in use		No. of conductors	3		Cross-section	0,34	Cable length	3
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Conveyor belt in use	/2.4	-A2	5	BN	-B1	4	/2.4		
	/2.5	-A2	6	BU	-B1	1	/2.4		
	/2.5	-A2	7	BK	-B1	2	/2.4		

Cable name	=EB3+ET3-W8		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Workpiece fixed 1		No. of conductors	3		Cross-section	0,34	Cable length	5
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 1	/2.6	-A3	1	BN	-S2	4	/2.6		
	/2.7	-A3	2	BU	-S2	1	/2.6		
	/2.7	-A3	3	BK	-S2	3	/2.6		

Cable name	=EB3+ET3-W9		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Workpiece fixed 2		No. of conductors	3		Cross-section	0,34	Cable length	5
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 2	/2.8	-A3	5	BN	-S3	4	/2.8		
	/2.8	-A3	6	BU	-S3	1	/2.8		
	/2.9	-A3	7	BK	-S3	3	/2.8		

Cable name	=EB3+ET4-W1		Cable type	ÖLFLEX CLASSIC 100 CY					
Function text	Robot 3		No. of conductors	5		Cross-section	4	Cable length	1
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Robot 3	/1.1	-X1	6	BK	-XA1	L1	/1.1	Robot 3	

Cable diagram

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Cable name	=EB3+ET4-W1		Cable type	ÖLFLEX CLASSIC 100 CY					
Function text	Robot 3		No. of conductors	5		Cross-section	4	Cable length	1
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Robot 3	/1.1	-X1	7	BN	-XA1	L2	/1.1	Robot 3	
=	/1.2	-X1	8	GY	-XA1	L3	/1.1	=	
=	/1.2	-X1	9	BU	-XA1	N	/1.1	=	
=	/1.2	-X1	PE	GNYE	-XA1	PE	/1.1	=	
=	/1.2	-X1	PE	SH	-W1	SH	+ETA/3.7	=	

Cable name	=EB3+ET4-W2		Cable type	ÖLFLEX CLASSIC 110 H					
Function text	Conveyor belt drive 3		No. of conductors	4		Cross-section	2,5	Cable length	1
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Conveyor belt drive 3	/1.3	-X1	12	BK	-XS1	1	/1.3	Conveyor belt drive 3	
=	/1.4	-X1	13	BN	-XS1	2	/1.4	=	
=	/1.4	-X1	14	GY	-XS1	3	/1.4	=	
=	/1.4	-X1	PE	GNYE	-XS1	PE	/1.4	=	

Cable name	=EB3+ET4-W3		Cable type	ÖLFLEX CLASSIC 110 H					
Function text	Conveyor belt drive 3		No. of conductors	4		Cross-section	2,5	Cable length	4
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Conveyor belt drive 3	/1.3	-XS2	1	BK	-M1	U1	/1.3	Conveyor belt drive 3	
=	/1.4	-XS2	2	BN	-M1	V1	/1.3	=	
=	/1.4	-XS2	3	GY	-M1	W1	/1.3	=	
=	/1.4	-XS2	PE	GNYE	-M1	PE	/1.3	=	

Cable name	=EB3+ET4-W5		Cable type	ÖLFLEX CLASSIC 110					
Function text	Workpiece fixed 1 (Stretch)		No. of conductors	3		Cross-section	1	Cable length	3
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 1 (Stretch)	/3.3	-A4	21	1	-Y1	x1	/3.3	Workpiece fixed 1 (Stretch)	
	/3.4	-A4	23	2	-Y1	x2	/3.3	=	
	/3.5	-A4	24	GNYE	-Y1	PE	/3.5		

Cable diagram

F09_002

Cable name	=EB3+ET4-W6		Cable type	ÖLFLEX CLASSIC 110					
Function text	Workpiece fixed 2 (Release)		No. of conductors	3		Cross-section 1		Cable length 3	
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 2 (Release)	/3.6	-A5	11	1	-Y2	x1	/3.6	Workpiece fixed 2 (Release)	
	/3.7	-A5	13	2	-Y2	x2	/3.6	=	
	/3.7	-A5	14	GNYE	-Y2	PE	/3.7		

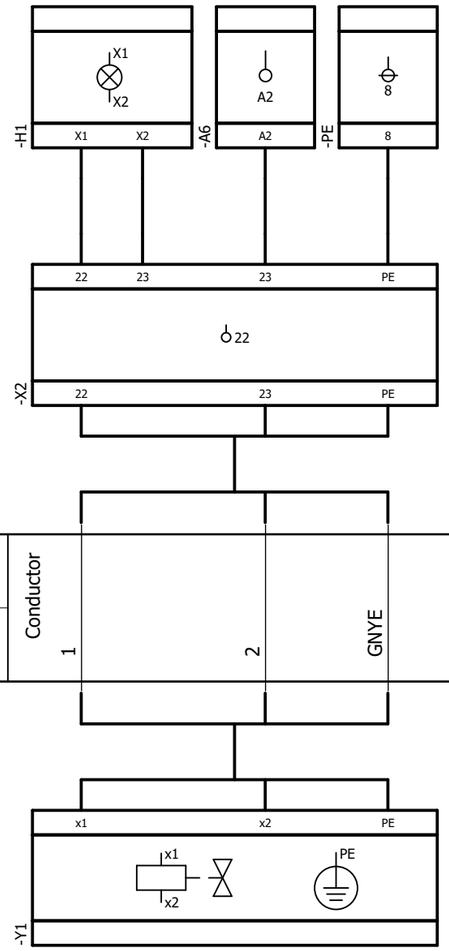
Cable name	=EB3+ET4-W7		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Conveyor belt in use		No. of conductors	3		Cross-section 0,34		Cable length 3	
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Conveyor belt in use	/2.4	-A1	21	BN	-B1	4	/2.4		
	/2.4	-A1	22	BU	-B1	1	/2.4		
	/2.5	-A1	23	BK	-B1	2	/2.4		

Cable name	=EB3+ET4-W8		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Workpiece fixed 1		No. of conductors	3		Cross-section 0,34		Cable length 5	
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 1	/2.6	-A2	11	BN	-S2	4	/2.6		
	/2.6	-A2	12	BU	-S2	1	/2.6		
	/2.7	-A2	13	BK	-S2	3	/2.6		

Cable name	=EB3+ET4-W9		Cable type	UNITRONIC Sensor FD UL/CSA					
Function text	Workpiece fixed 2		No. of conductors	3		Cross-section 0,34		Cable length 5	
Function text	Page / column	Target designation from	Connection point	Conductor	Target designation to	Connection point	Page / column	Function text	
Workpiece fixed 2	/2.8	-A2	21	BN	-S3	4	/2.8		
	/2.8	-A2	22	BU	-S3	1	/2.8		
	/2.9	-A2	23	BK	-S3	3	/2.8		

Cable connection diagram

Internal targets



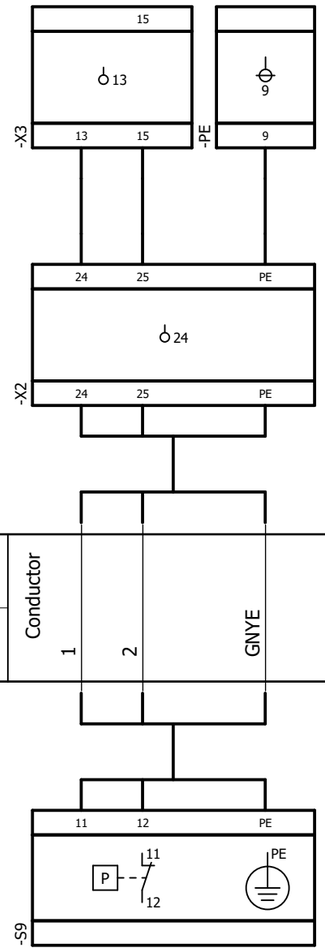
=EB3+ET1-W3	Conductor	1	2	GNYE
ÖLFLEX CLASSIC 110				

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET1-W3		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 12
Modification	Date	Name	Original		Replacement of	Replaced by			Page 93 / 167

Cable connection diagram

Internal targets



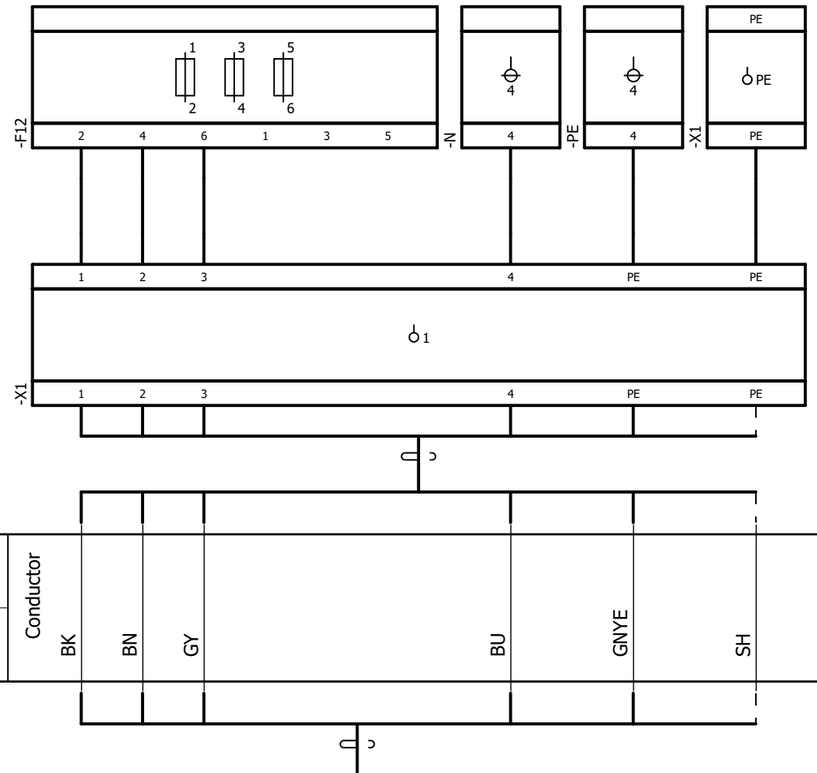
=EB3+ET1-W4	Conductor	1	2	GNYE
ÖLFLEX CLASSIC 110				

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET1-W4	= REPORT	
			Ed.	EPL				+ CBL_KBL	
			Appr.		Sample project			EPLAN DEMO	Page 13
Modification	Date	Name	Original		Replacement of	Replaced by			Page 94 / 167

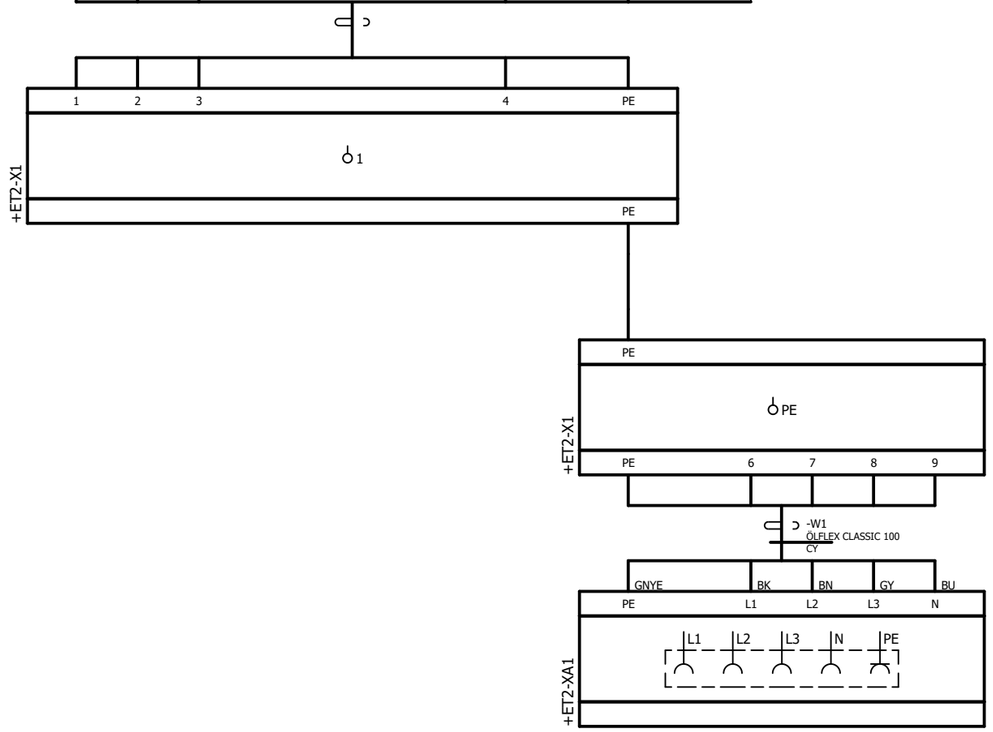
Cable connection diagram

Internal targets



=EB3+ET1-W11	Conductor	BK	BN	GY	BU	GNYE	SH
ÖLFLEX CLASSIC 100 CY							

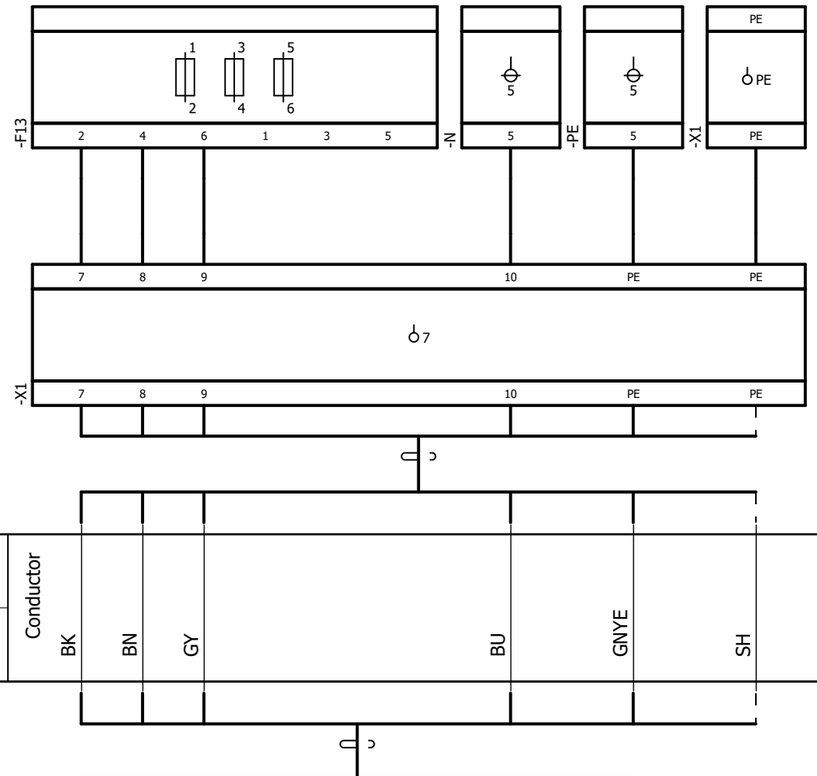
External targets



			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET1-W11		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 14
Modification	Date	Name	Original		Replacement of	Replaced by			Page 95 / 167

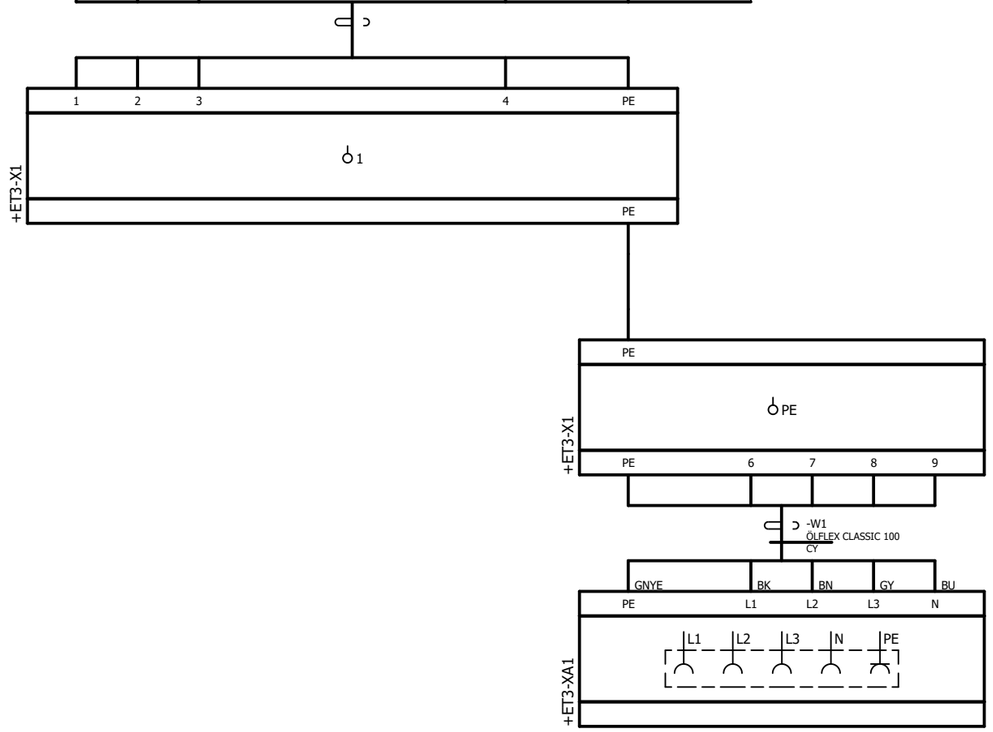
Cable connection diagram

Internal targets



=EB3+ET1-W12	Conductor	BK	BN	GY	BU	GNYE	SH
ÖLFLEX CLASSIC 100 CY							

External targets



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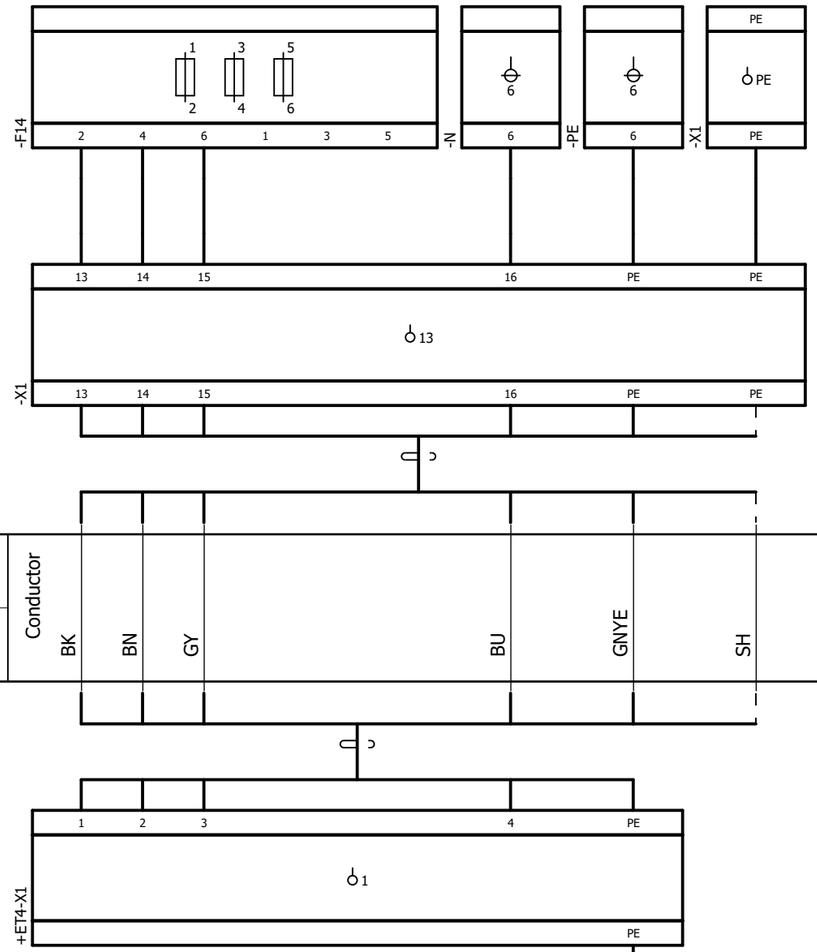
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 15
Modification	Date	Name	Original		Replacement of	Replaced by			Page 96 / 167

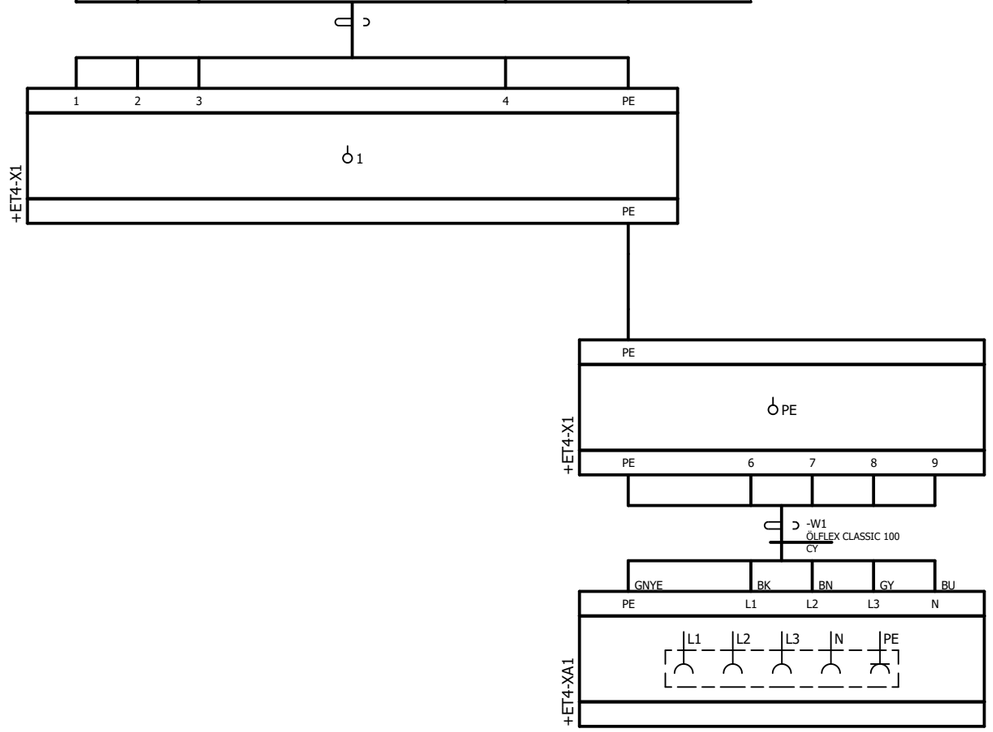
Cable connection diagram

Internal targets



=EB3+ET1-W13	Conductor	BK	BN	GY	BU	GNYE	SH
ÖLFLEX CLASSIC 100 CY							

External targets



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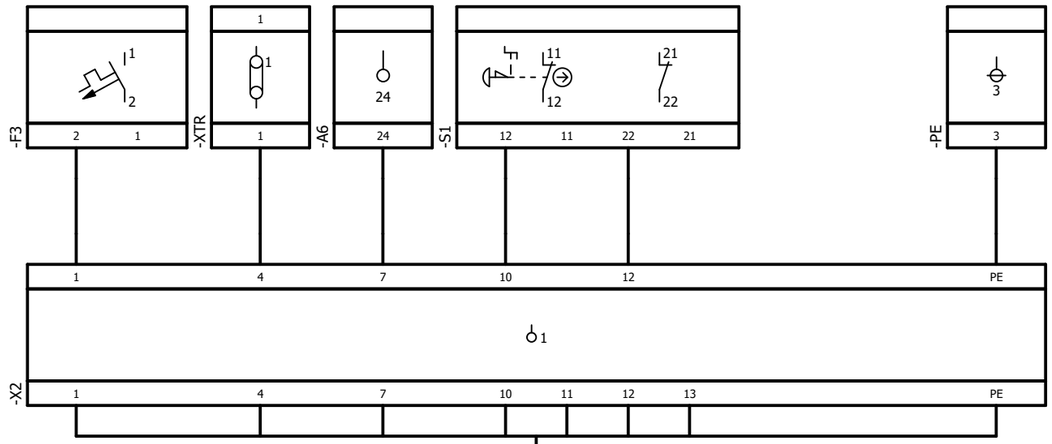
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 16
Modification	Date	Name	Original		Replacement of	Replaced by			Page 97 / 167

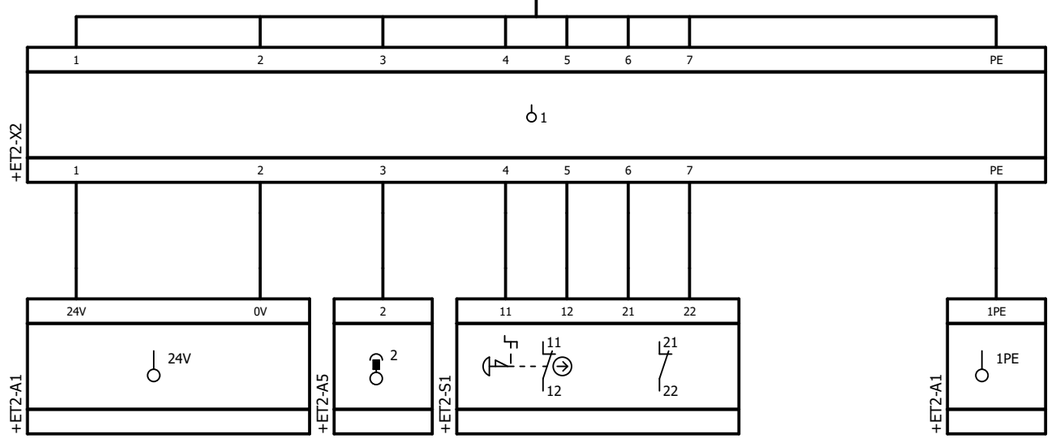
Cable connection diagram

Internal targets



=EB3+ET1-W21	Conductor	1	2	3	4	5	6	7	8	9	10	11	GNYE
ÖLFLEX CLASSIC 110													

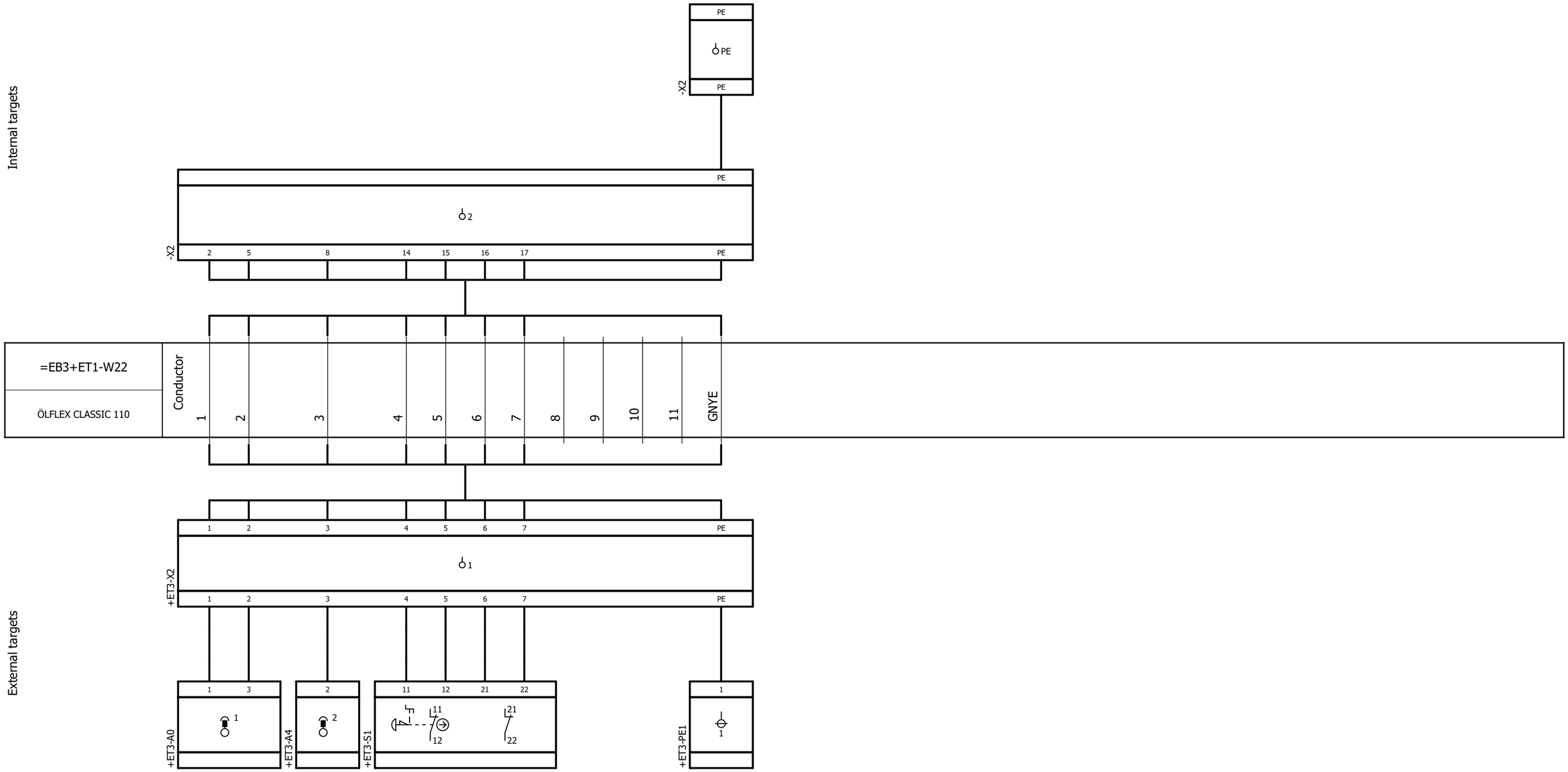
External targets



			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET1-W21	= REPORT
			Ed.	EPL				+ CBL_KBL
			Appr.		Sample project		EPLAN DEMO	Page 17
Modification	Date	Name	Original		Replacement of	Replaced by		Page 98 / 167

Cable connection diagram

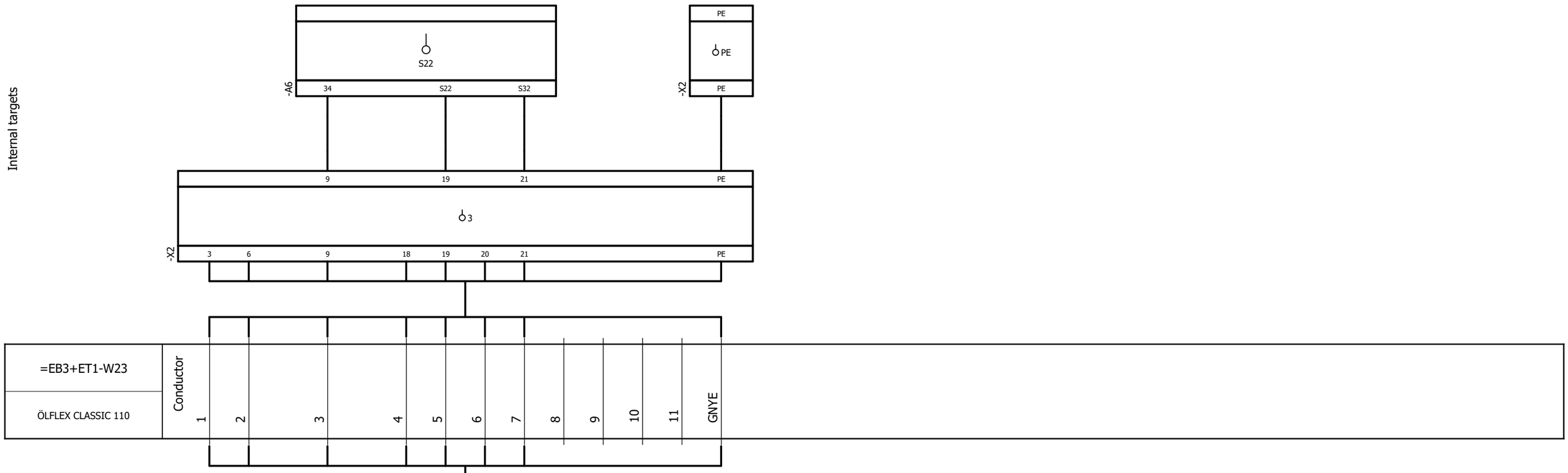
Internal targets



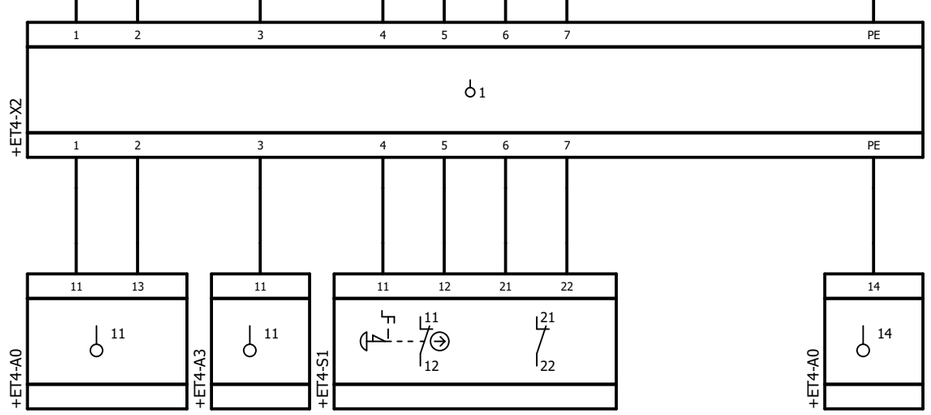
			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET1-W22	= REPORT	
			Ed.	EPL				+ CBL_KBL	
			Appr.		Sample project			EPLAN DEMO	Page 18
Modification	Date	Name	Original		Replacement of	Replaced by			Page 99 / 167

Cable connection diagram

Internal targets



External targets



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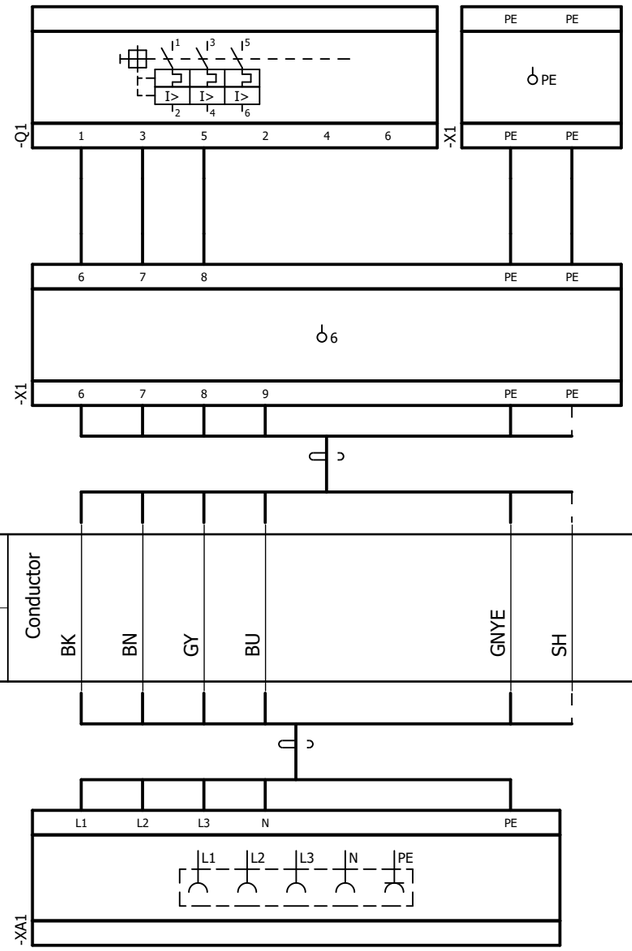
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 19
Modification	Date	Name	Original		Replacement of	Replaced by			Page 100 / 167

Cable connection diagram

Internal targets



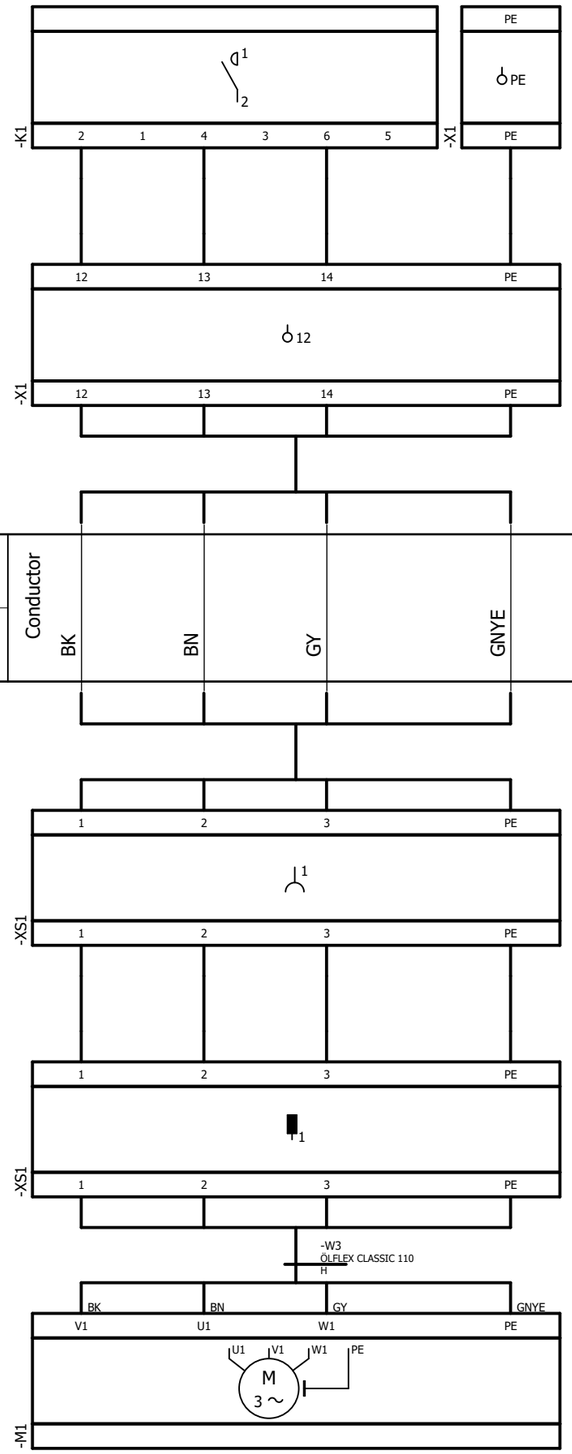
=EB3+ET2-W1	Conductor	BK	BN	GY	BU			GNYE	SH
ÖLFLEX CLASSIC 100 CY									

External targets

			Date	12/17/2010	EPLAN		EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET2-W1	= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 20
Modification	Date	Name	Original		Replacement of	Replaced by			Page 101 / 167

Cable connection diagram

Internal targets



External targets

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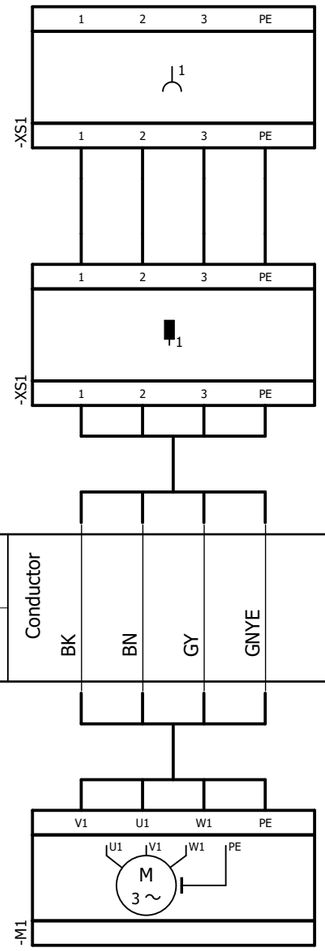
			Ed.	EPL				+ CBL_KBL	
			Appr.		Sample project			EPLAN DEMO	Page 21
Modification	Date	Name	Original		Replacement of	Replaced by			Page 102 / 167

Cable connection diagram

Internal targets

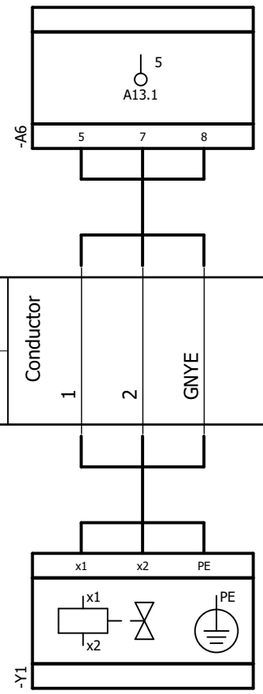


External targets

			Date	12/17/2010	EPLAN		EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET2-W3	= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 22
Modification	Date	Name	Original		Replacement of	Replaced by			Page 103 / 167

Cable connection diagram

Internal targets



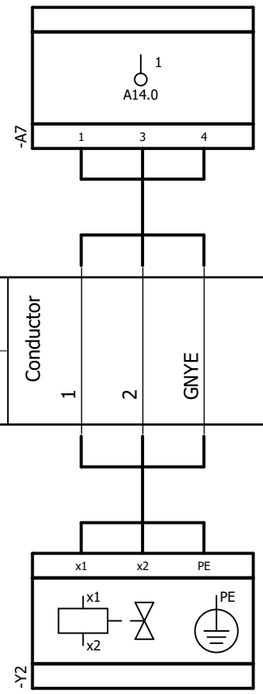
=EB3+ET2-W5	Conductor		
	1	2	GNYE
ÖLFLEX CLASSIC 110			

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET2-W5		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 23
Modification	Date	Name	Original		Replacement of	Replaced by			Page 104 / 167

Cable connection diagram

Internal targets



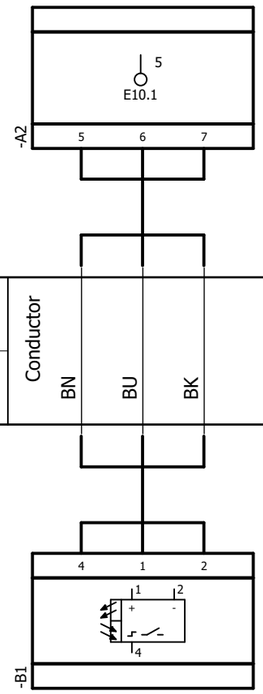
=EB3+ET2-W6	Conductor	1	GNYE
ÖLFLEX CLASSIC 110		2	

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET2-W6		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 24
Modification	Date	Name	Original		Replacement of	Replaced by			Page 105 / 167

Cable connection diagram

Internal targets



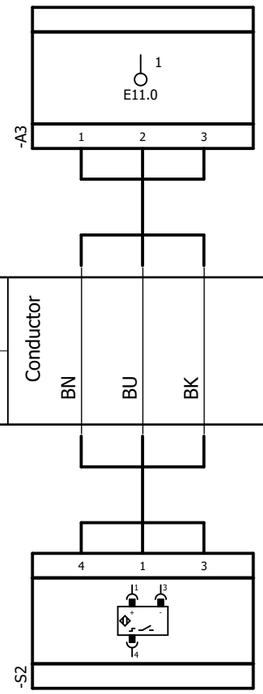
=EB3+ET2-W7	Conductor	BN	BU	BK
UNITRONIC Sensor FD UL/CSA				

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET2-W7	= REPORT	
			Ed.	EPL				+ CBL_KBL	
			Appr.		Sample project			EPLAN DEMO	Page 25
Modification	Date	Name	Original		Replacement of	Replaced by			Page 106 / 167

Cable connection diagram

Internal targets



=EB3+ET2-W8	Conductor	BN	BU	BK
UNITRONIC Sensor FD UL/CSA				

External targets

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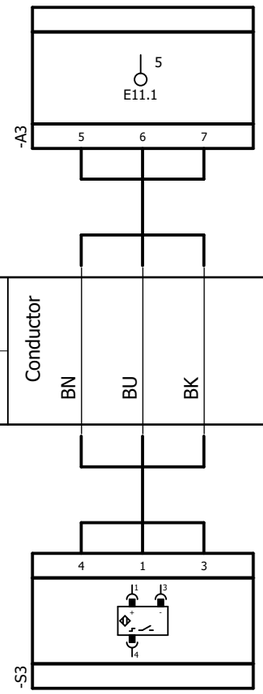
			Ed.	EPL				+ CBL_KBL	
			Appr.		Sample project			EPLAN DEMO	Page 26
Modification	Date	Name	Original		Replacement of	Replaced by			Page 107 / 167

Cable connection diagram

Internal targets



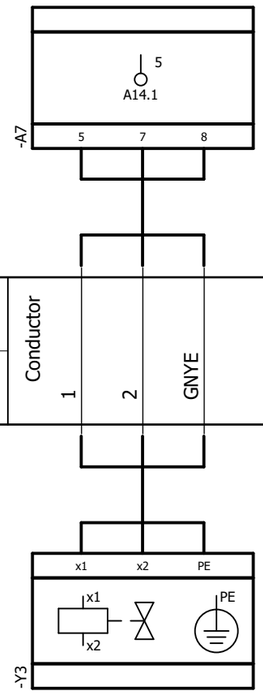
=EB3+ET2-W9	Conductor
UNITRONIC Sensor FD UL/CSA	BN BU BK

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET2-W9		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 27
Modification	Date	Name	Original		Replacement of	Replaced by			Page 108 / 167

Cable connection diagram

Internal targets



=EB3+ET2-W10	Conductor	1	2
ÖLFLEX CLASSIC 110			GNYE

External targets

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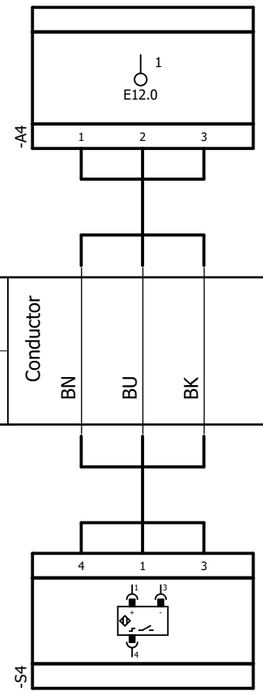
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 28
Modification	Date	Name	Original		Replacement of	Replaced by			Page 109 / 167

Cable connection diagram

Internal targets



=EB3+ET2-W11	Conductor	BN	BU	BK
UNITRONIC Sensor FD UL/CSA				

External targets

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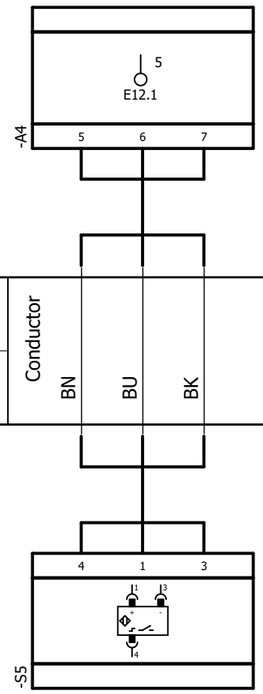
			Ed.	EPL				+ CBL_KBL	
			Appr.		Sample project			EPLAN DEMO	Page 29
Modification	Date	Name	Original		Replacement of	Replaced by			Page 110 / 167

Cable connection diagram

Internal targets



=EB3+ET2-W12	Conductor	BN	BU	BK
UNITRONIC Sensor FD UL/CSA				

External targets

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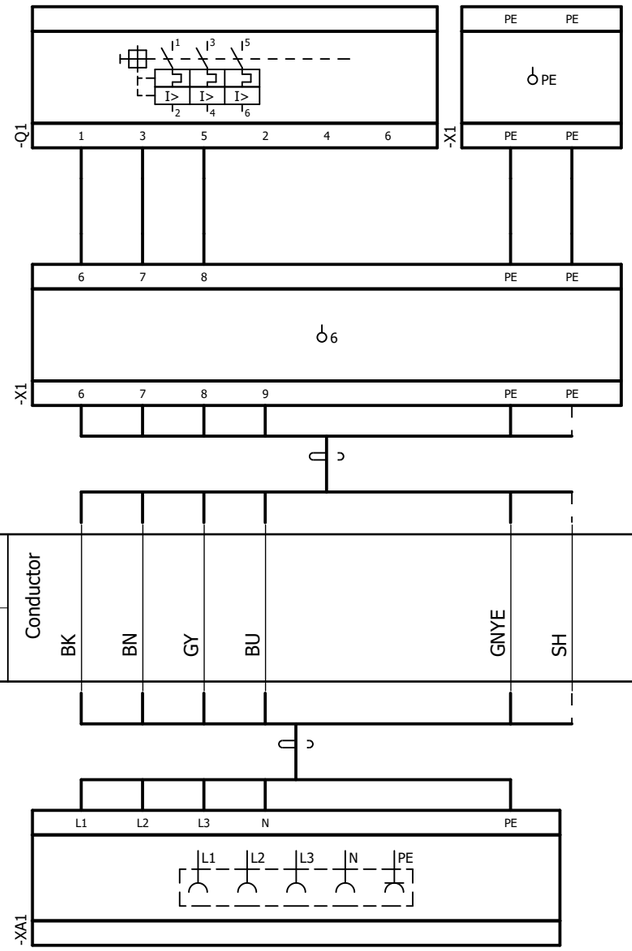
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 30
Modification	Date	Name	Original		Replacement of	Replaced by			Page 111 / 167

Cable connection diagram

Internal targets



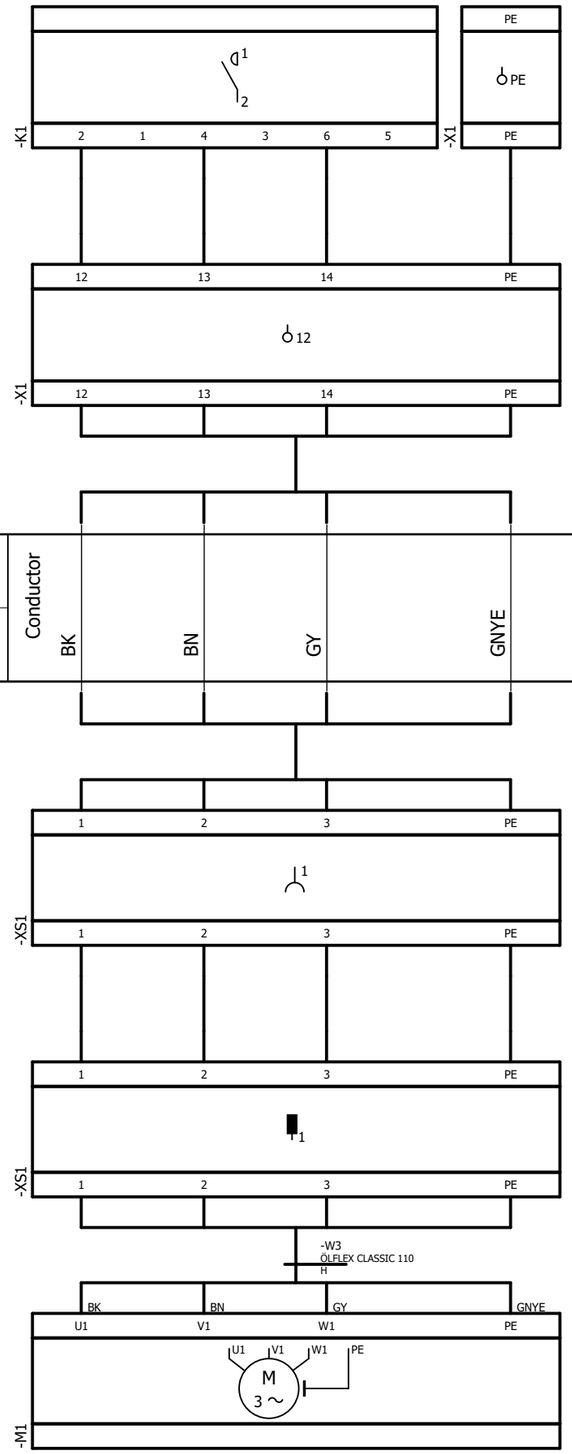
=EB3+ET3-W1	Conductor	BK	BN	GY	BU			GNYE	SH
ÖLFLEX CLASSIC 100 CY									

External targets

			Date	12/17/2010	EPLAN		EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET3-W1	= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 31
Modification	Date	Name	Original		Replacement of	Replaced by			Page 112 / 167

Cable connection diagram

Internal targets



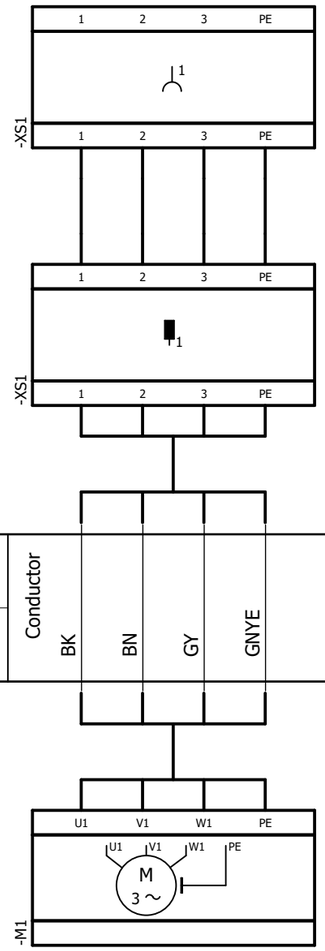
External targets

=EB3+ET3-W2	Conductor	BK BN GY GNYE
ÖLFLEX CLASSIC 110 H		

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET3-W2		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 32
Modification	Date	Name	Original		Replacement of	Replaced by			Page 113 / 167

Cable connection diagram

Internal targets



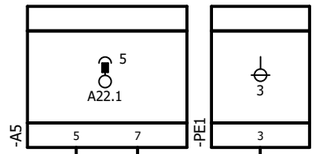
=EB3+ET3-W3	Conductor	BK	BN	GY	GNYE
ÖLFLEX CLASSIC 110 H					

External targets

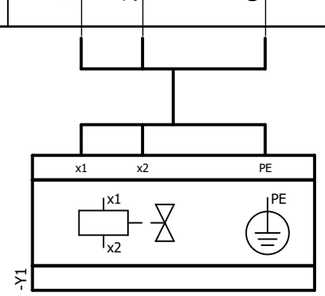
			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET3-W3		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 33
Modification	Date	Name	Original		Replacement of	Replaced by			Page 114 / 167

Cable connection diagram

Internal targets



=EB3+ET3-W5	Conductor	1	2	GNYE					
ÖLFLEX CLASSIC 110									

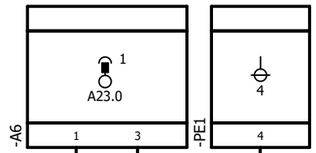


External targets

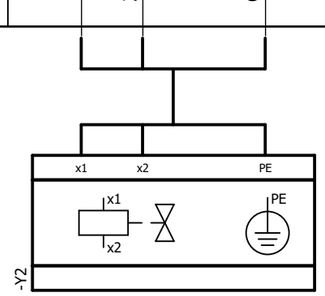
			Date	12/17/2010	EPLAN		EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET3-W5	= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 34
Modification	Date	Name	Original		Replacement of	Replaced by			Page 115 / 167

Cable connection diagram

Internal targets



=EB3+ET3-W6	Conductor	1	2	GNYE
ÖLFLEX CLASSIC 110				

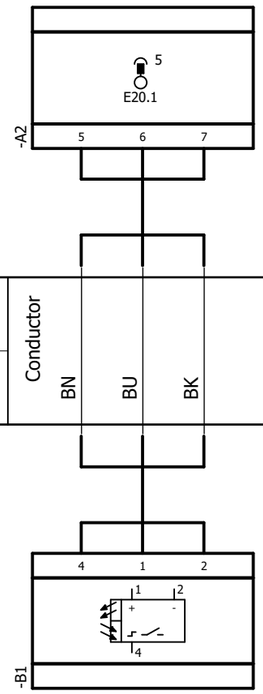


External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET3-W6	= REPORT	
			Ed.	EPL				+ CBL_KBL	
			Appr.		Sample project			EPLAN DEMO	Page 35
Modification	Date	Name	Original		Replacement of	Replaced by			Page 116 / 167

Cable connection diagram

Internal targets



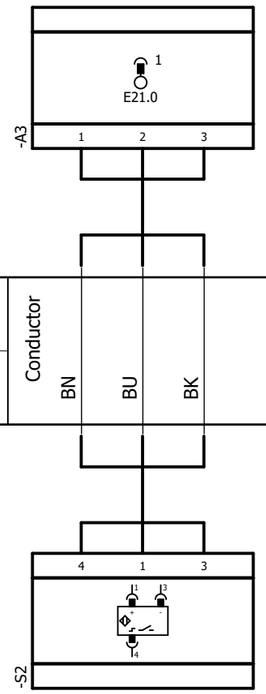
=EB3+ET3-W7	Conductor
UNITRONIC Sensor FD UL/CSA	BN BU BK

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET3-W7		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 36
Modification	Date	Name	Original		Replacement of	Replaced by			Page 117 / 167

Cable connection diagram

Internal targets



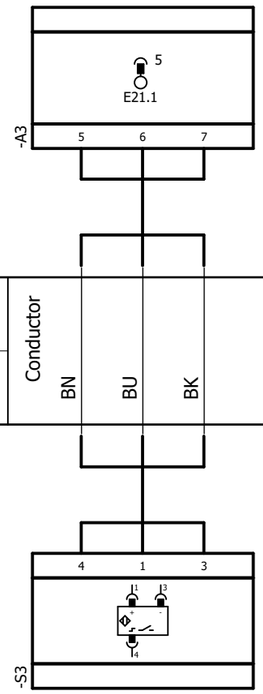
=EB3+ET3-W8	Conductor	BN	BU	BK
UNITRONIC Sensor FD UL/CSA				

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET3-W8		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 37
Modification	Date	Name	Original		Replacement of	Replaced by			Page 118 / 167

Cable connection diagram

Internal targets



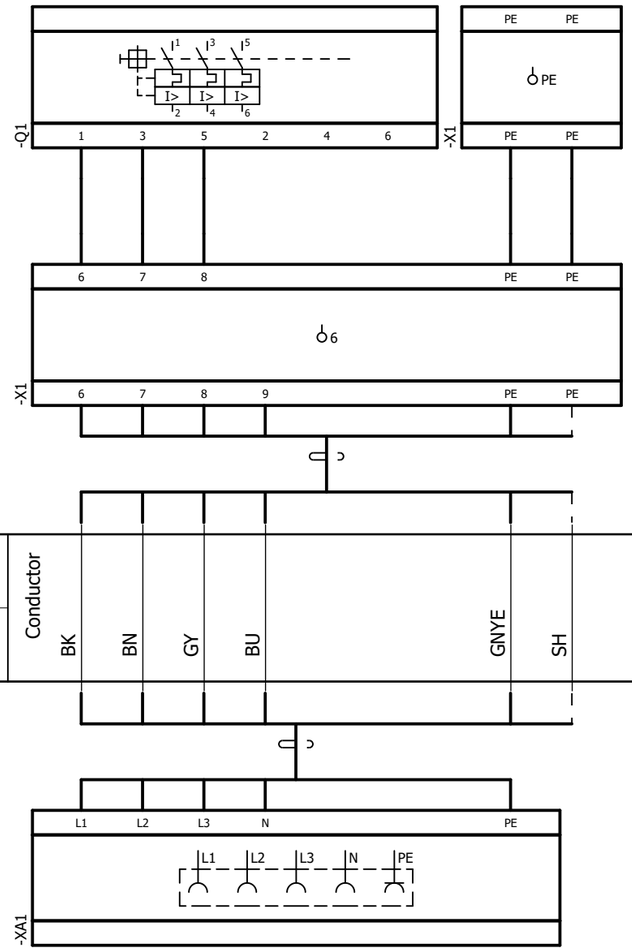
=EB3+ET3-W9	Conductor	BN	BU	BK
UNITRONIC Sensor FD UL/CSA				

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET3-W9		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 38
Modification	Date	Name	Original		Replacement of	Replaced by			Page 119 / 167

Cable connection diagram

Internal targets



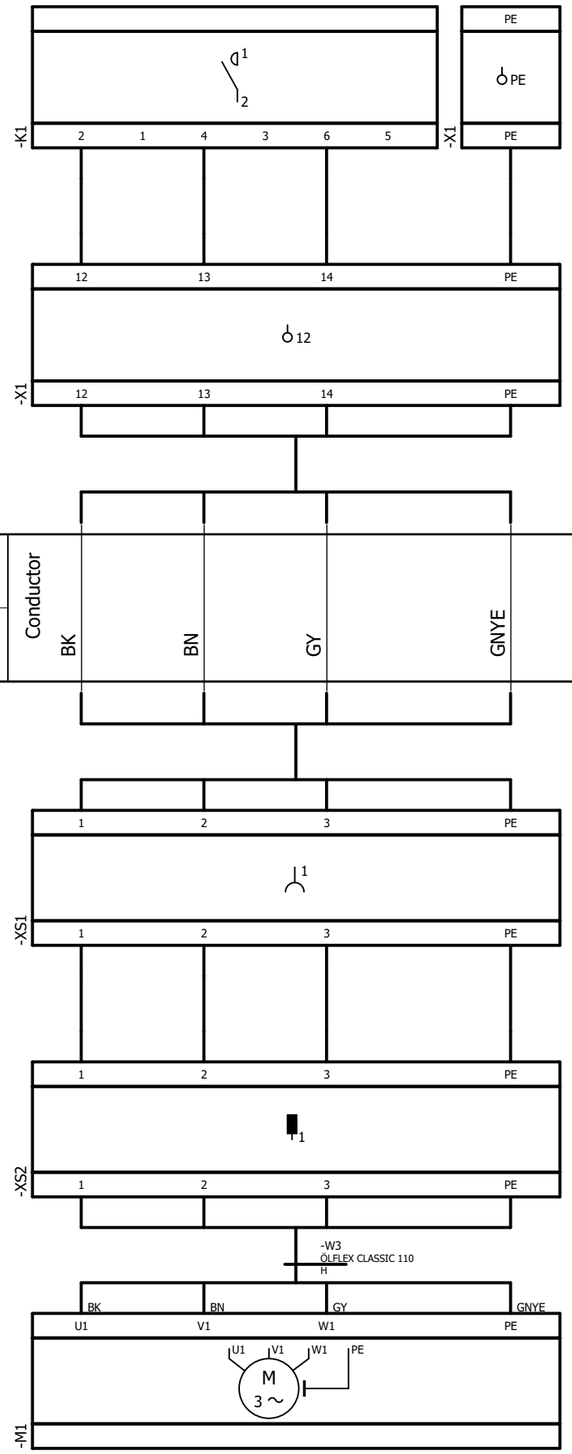
=EB3+ET4-W1	Conductor	BK BN GY BU GNYE SH
ÖLFLEX CLASSIC 100 CY		

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET4-W1		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 39
Modification	Date	Name	Original		Replacement of	Replaced by			Page 120 / 167

Cable connection diagram

Internal targets



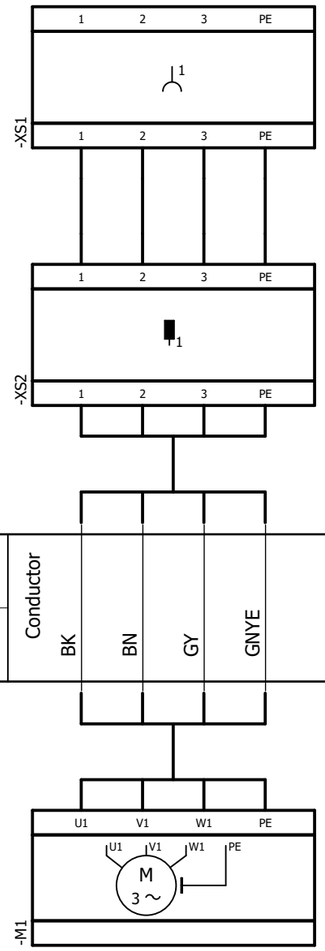
External targets

=EB3+ET4-W2	Conductor	BK	BN	GY	GNYE
ÖLFLEX CLASSIC 110 H					

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET4-W2		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 40
Modification	Date	Name	Original		Replacement of	Replaced by			Page 121 / 167

Cable connection diagram

Internal targets



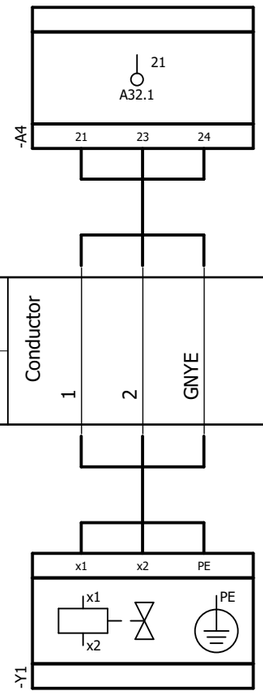
=EB3+ET4-W3	Conductor	BK	BN	GY	GNYE
ÖLFLEX CLASSIC 110 H					

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET4-W3		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 41
Modification	Date	Name	Original		Replacement of	Replaced by			Page 122 / 167

Cable connection diagram

Internal targets



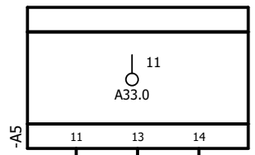
=EB3+ET4-W5	Conductor	1
		2
ÖLFLEX CLASSIC 110		GNYE

External targets

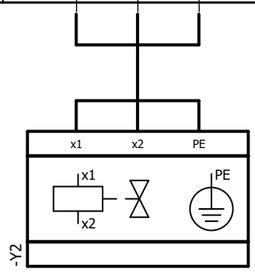
			Date	12/17/2010	EPLAN		EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET4-W5	= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 42
Modification	Date	Name	Original		Replacement of	Replaced by			Page 123 / 167

Cable connection diagram

Internal targets



=EB3+ET4-W6	Conductor	1	2	GNYE
ÖLFLEX CLASSIC 110				

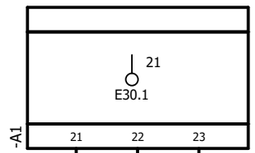


External targets

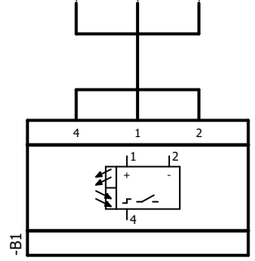
			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET4-W6	= REPORT	
			Ed.	EPL				+ CBL_KBL	
			Appr.		Sample project			EPLAN DEMO	Page 43
Modification	Date	Name	Original		Replacement of	Replaced by			Page 124 / 167

Cable connection diagram

Internal targets



=EB3+ET4-W7	Conductor	BN	BU	BK
UNITRONIC Sensor FD UL/CSA				

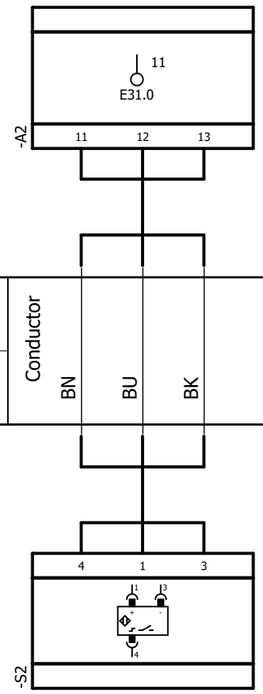


External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET4-W7		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 44
Modification	Date	Name	Original		Replacement of	Replaced by			Page 125 / 167

Cable connection diagram

Internal targets



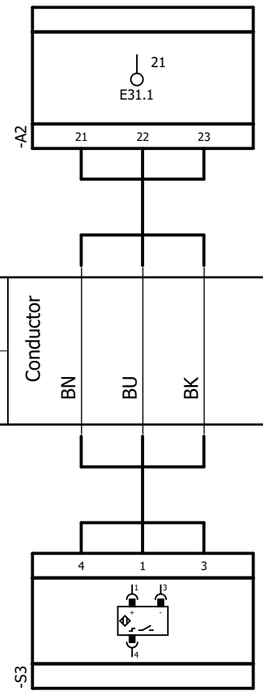
=EB3+ET4-W8	Conductor	BN	BU	BK
UNITRONIC Sensor FD UL/CSA				

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET4-W8		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 45
Modification	Date	Name	Original		Replacement of	Replaced by			Page 126 / 167

Cable connection diagram

Internal targets



=EB3+ET4-W9	Conductor	
UNITRONIC Sensor FD UL/CSA	BN	BU BK

External targets

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Cable-connection diagram =EB3+ET4-W9		= REPORT
			Ed.	EPL					+ CBL_KBL
			Appr.		Sample project			EPLAN DEMO	Page 46
Modification	Date	Name	Original		Replacement of	Replaced by			Page 127 / 167

Connection list

F27_001

Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=EB3+ET1-F1:1	=EB3+ET1-Q1:1	16			=EB3+ET1/1.4	=EB3+ET1/1.0	Conductor / wire
	=EB3+ET1-F3:2	=EB3+ET1-X2:1	1			=EB3+ET1/1.4	=EB3+ET1/1.5	Conductor / wire
	=EB3+ET1-F2:1	=EB3+ET1-F3:1	1			=EB3+ET1/1.4	=EB3+ET1/1.4	Conductor / wire
	=EB3+ET1-F1:2	=EB3+ET1-T1:L1	1,5			=EB3+ET1/1.4	=EB3+ET1/1.4	Conductor / wire
	=EB3+ET1-F2:1	=EB3+ET1-T1:+	1			=EB3+ET1/1.4	=EB3+ET1/1.4	Conductor / wire
	=EB3+ET1-N:2	=EB3+ET1-T1:N	1,5			=EB3+ET1/1.5	=EB3+ET1/1.5	Conductor / wire
	=EB3+ET1-PE:3	=EB3+ET1-X2:PE	4			=EB3+ET1/1.8	=EB3+ET1/1.8	Conductor / wire
	=EB3+ET1-X2:PE	=EB3+ET1-X2:PE	4			=EB3+ET1/1.8	=EB3+ET1/1.8	Direct connection
	=EB3+ET1-X2:PE	=EB3+ET1-X2:PE	4			=EB3+ET1/1.8	=EB3+ET1/1.8	Direct connection
	=EB3+ET1-Q1:2	=EB3+ET1-X0:L1	16			=EB3+ET1/1.0	=EB3+ET1/1.0	Conductor / wire
	=EB3+ET1-Q1:4	=EB3+ET1-X0:L2	16			=EB3+ET1/1.0	=EB3+ET1/1.1	Conductor / wire
	=EB3+ET1-Q1:6	=EB3+ET1-X0:L3	16			=EB3+ET1/1.0	=EB3+ET1/1.1	Conductor / wire
	=EB3+ET1-N:1	=EB3+ET1-X0:N	4			=EB3+ET1/1.1	=EB3+ET1/1.1	Direct connection
	=EB3+ET1-PE:1	=EB3+ET1-X0:PE	4			=EB3+ET1/1.1	=EB3+ET1/1.1	Conductor / wire
	=EB3+ET1-X0:N	=EB3+ET1-X0:PE	4			=EB3+ET1/1.1	=EB3+ET1/1.1	Wire jumper
	=EB3+ET1-T1:-	=EB3+ET1-XTR:1	1			=EB3+ET1/1.5	=EB3+ET1/1.6	Conductor / wire
	=EB3+ET1-X2:4	=EB3+ET1-XTR:1	1			=EB3+ET1/1.6	=EB3+ET1/1.6	Conductor / wire
	=EB3+ET1-PE:2	=EB3+ET1-XTR:1	4			=EB3+ET1/1.6	=EB3+ET1/1.6	Conductor / wire
	=EB3+ET1-X2:17	=EB3+ET1-X2:20				=EB3+ET1/2.1	=EB3+ET1/2.1	Wire jumper
	=EB3+ET4-S1:21	=EB3+ET4-X2:6				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET4-S1:22	=EB3+ET4-X2:7				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET1-X2:13	=EB3+ET1-X2:16				=EB3+ET1/2.1	=EB3+ET1/2.1	Wire jumper
	=EB3+ET1-A6:S33	=EB3+ET1-S2:14				=EB3+ET1/2.5	=EB3+ET1/2.5	Conductor / wire
	=EB3+ET1-A6:S34	=EB3+ET1-S2:13				=EB3+ET1/2.5	=EB3+ET1/2.5	Conductor / wire
	=EB3+ET1-A6:14	=EB3+ET1-H1:X1	1			=EB3+ET1/2.5	=EB3+ET1/2.5	Conductor / wire
	=EB3+ET1-A6:S32	=EB3+ET1-X2:21				=EB3+ET1/2.5	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET1-A6:S31	=EB3+ET1-S1:21				=EB3+ET1/2.4	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET1-A6:13	=EB3+ET1-A6:23	1			=EB3+ET1/2.5	=EB3+ET1/2.5	Conductor / wire
	=EB3+ET1-A6:23	=EB3+ET1-A6:33	1			=EB3+ET1/2.5	=EB3+ET1/2.6	Conductor / wire
	=EB3+ET1-A6:S21	=EB3+ET1-S1:11				=EB3+ET1/2.4	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET1-A6:24	=EB3+ET1-X2:7	1			=EB3+ET1/2.5	=EB3+ET1/2.6	Conductor / wire
	=EB3+ET1-A6:34	=EB3+ET1-X2:9	1			=EB3+ET1/2.6	=EB3+ET1/2.6	Conductor / wire
	=EB3+ET1-S1:12	=EB3+ET1-X2:10				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET2-S1:11	=EB3+ET2-X2:4				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET2-S1:12	=EB3+ET2-X2:5				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET1-X2:11	=EB3+ET1-X2:14				=EB3+ET1/2.1	=EB3+ET1/2.1	Wire jumper
	=EB3+ET3-S1:11	=EB3+ET3-X2:4				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET3-S1:12	=EB3+ET3-X2:5				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET1-X2:15	=EB3+ET1-X2:18				=EB3+ET1/2.1	=EB3+ET1/2.1	Wire jumper
	=EB3+ET4-S1:11	=EB3+ET4-X2:4				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET1-A6:S22	=EB3+ET1-X2:19				=EB3+ET1/2.4	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET4-S1:12	=EB3+ET4-X2:5				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET1-S1:22	=EB3+ET1-X2:12				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET3-S1:21	=EB3+ET3-X2:6				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET3-S1:22	=EB3+ET3-X2:7				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET2-S1:21	=EB3+ET2-X2:6				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET2-S1:22	=EB3+ET2-X2:7				=EB3+ET1/2.1	=EB3+ET1/2.1	Conductor / wire
	=EB3+ET1-A6:A2	=EB3+ET1-X2:23	1			=EB3+ET1/2.3	=EB3+ET1/2.4	Conductor / wire
	=EB3+ET1-H1:X2	=EB3+ET1-X2:23	1			=EB3+ET1/2.5	=EB3+ET1/2.4	Conductor / wire
	=EB3+ET1-H1:X1	=EB3+ET1-X2:22	1			=EB3+ET1/2.5	=EB3+ET1/2.4	Conductor / wire
	=EB3+ET1-PE:8	=EB3+ET1-X2:PE	4			=EB3+ET1/2.4	=EB3+ET1/2.4	Conductor / wire
	=EB3+ET1-PE:5	=EB3+ET1-X1:PE	4			=EB3+ET1/3.5	=EB3+ET1/3.5	Conductor / wire
	=EB3+ET1-F12:2	=EB3+ET1-X1:1	4			=EB3+ET1/3.1	=EB3+ET1/3.1	Conductor / wire
	=EB3+ET1-F12:4	=EB3+ET1-X1:2	4			=EB3+ET1/3.1	=EB3+ET1/3.1	Conductor / wire
	=EB3+ET1-F12:6	=EB3+ET1-X1:3	4			=EB3+ET1/3.1	=EB3+ET1/3.2	Conductor / wire
	=EB3+ET1-PE:4	=EB3+ET1-X1:PE	4			=EB3+ET1/3.2	=EB3+ET1/3.2	Conductor / wire
	=EB3+ET1-N:6	=EB3+ET1-X1:16	4			=EB3+ET1/3.8	=EB3+ET1/3.8	Conductor / wire

Connection list

F27_001

Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=EB3+ET1-F14:2	=EB3+ET1-X1:13	4			=EB3+ET1/3.7	=EB3+ET1/3.7	Conductor / wire
	=EB3+ET1-F14:6	=EB3+ET1-X1:15	4			=EB3+ET1/3.7	=EB3+ET1/3.8	Conductor / wire
	=EB3+ET1-PE:6	=EB3+ET1-X1:PE	4			=EB3+ET1/3.8	=EB3+ET1/3.8	Conductor / wire
	=EB3+ET1-F14:4	=EB3+ET1-X1:14	4			=EB3+ET1/3.7	=EB3+ET1/3.7	Conductor / wire
	=EB3+ET1-N:5	=EB3+ET1-X1:10	4			=EB3+ET1/3.5	=EB3+ET1/3.5	Conductor / wire
	=EB3+ET1-N:4	=EB3+ET1-X1:4	4			=EB3+ET1/3.2	=EB3+ET1/3.2	Conductor / wire
	=EB3+ET1-F12:1	=EB3+ET1-F13:1	16			=EB3+ET1/3.1	=EB3+ET1/3.4	Conductor / wire
	=EB3+ET1-F13:1	=EB3+ET1-F14:1	16			=EB3+ET1/3.4	=EB3+ET1/3.7	Conductor / wire
	=EB3+ET1-F12:3	=EB3+ET1-F13:3	16			=EB3+ET1/3.1	=EB3+ET1/3.4	Conductor / wire
	=EB3+ET1-F13:3	=EB3+ET1-F14:3	16			=EB3+ET1/3.4	=EB3+ET1/3.7	Conductor / wire
	=EB3+ET1-F12:5	=EB3+ET1-F13:5	16			=EB3+ET1/3.1	=EB3+ET1/3.4	Conductor / wire
	=EB3+ET1-F13:5	=EB3+ET1-F14:5	16			=EB3+ET1/3.4	=EB3+ET1/3.7	Conductor / wire
	=EB3+ET1-F13:2	=EB3+ET1-X1:7	4			=EB3+ET1/3.4	=EB3+ET1/3.4	Conductor / wire
	=EB3+ET1-F13:6	=EB3+ET1-X1:9	4			=EB3+ET1/3.4	=EB3+ET1/3.5	Conductor / wire
	=EB3+ET1-F13:4	=EB3+ET1-X1:8	4			=EB3+ET1/3.4	=EB3+ET1/3.4	Conductor / wire
	=EB3+ET1-X1:PE	=EB3+ET1-X1:PE	4			=EB3+ET1/3.8	=EB3+ET1/3.8	Direct connection
	=EB3+ET1-X1:PE	=EB3+ET1-X1:PE	4			=EB3+ET1/3.5	=EB3+ET1/3.5	Direct connection
	=EB3+ET1-X1:PE	=EB3+ET1-X1:PE	4			=EB3+ET1/3.2	=EB3+ET1/3.2	Direct connection
	=EB3+ET1-S5:13	=EB3+ET1-S6:21	1			=EB3+ET1/5.4	=EB3+ET1/5.5	Conductor / wire
	=EB3+ET1-S6:22	=EB3+ET1-X3:7	1			=EB3+ET1/5.5	=EB3+ET1/5.5	Conductor / wire
	=EB3+ET1-A2:6	=EB3+ET1-X3:7	1			=EB3+ET1/5.5	=EB3+ET1/5.5	Conductor / wire
	=EB3+ET1-S3:13	=EB3+ET1-S4:21	1			=EB3+ET1/5.2	=EB3+ET1/5.3	Conductor / wire
	=EB3+ET1-S4:21	=EB3+ET1-S5:13	1			=EB3+ET1/5.3	=EB3+ET1/5.4	Conductor / wire
	=EB3+ET1-S3:14	=EB3+ET1-X3:4	1			=EB3+ET1/5.2	=EB3+ET1/5.2	Conductor / wire
	=EB3+ET1-A2:3	=EB3+ET1-X3:4	1			=EB3+ET1/5.2	=EB3+ET1/5.2	Conductor / wire
	=EB3+ET1-A2:1	=EB3+ET1-X3:2	1			=EB3+ET1/5.1	=EB3+ET1/5.1	Conductor / wire
	=EB3+ET1-S3:13	=EB3+ET1-X3:1	1			=EB3+ET1/5.2	=EB3+ET1/5.1	Conductor / wire
	=EB3+ET1-A2:4	=EB3+ET1-X3:5	1			=EB3+ET1/5.3	=EB3+ET1/5.3	Conductor / wire
	=EB3+ET1-S4:22	=EB3+ET1-X3:5	1			=EB3+ET1/5.3	=EB3+ET1/5.3	Conductor / wire
	=EB3+ET1-A2:7	=EB3+ET1-X3:8	1			=EB3+ET1/5.6	=EB3+ET1/5.6	Conductor / wire
	=EB3+ET1-A2:5	=EB3+ET1-X3:6	1			=EB3+ET1/5.4	=EB3+ET1/5.4	Conductor / wire
	=EB3+ET1-S5:14	=EB3+ET1-X3:6	1			=EB3+ET1/5.4	=EB3+ET1/5.4	Conductor / wire
	=EB3+ET1-A2:2	=EB3+ET1-X3:3	1			=EB3+ET1/5.1	=EB3+ET1/5.1	Conductor / wire
	=EB3+ET1-A2:8	=EB3+ET1-X3:9	1			=EB3+ET1/5.7	=EB3+ET1/5.7	Conductor / wire
	=EB3+ET1-S8:22	=EB3+ET1-X3:9	1			=EB3+ET1/5.7	=EB3+ET1/5.7	Conductor / wire
	=EB3+ET1-A2:9	=EB3+ET1-X3:10				=EB3+ET1/5.8	=EB3+ET1/5.8	Conductor / wire
	=EB3+ET1-S6:21	=EB3+ET1-S7:13	1			=EB3+ET1/5.5	=EB3+ET1/5.6	Conductor / wire
	=EB3+ET1-S7:13	=EB3+ET1-S8:21	1			=EB3+ET1/5.6	=EB3+ET1/5.7	Conductor / wire
	=EB3+ET1-S7:14	=EB3+ET1-X3:8	1			=EB3+ET1/5.6	=EB3+ET1/5.6	Conductor / wire
	=EB3+ET1-A2:10	=EB3+ET1-X3:11	1			=EB3+ET1/5.8	=EB3+ET1/5.8	Conductor / wire
	=EB3+ET1-A2:18	=EB3+ET1-X3:21				=EB3+ET1/6.7	=EB3+ET1/6.7	Conductor / wire
	=EB3+ET1-A2:13	=EB3+ET1-X3:16				=EB3+ET1/6.2	=EB3+ET1/6.2	Conductor / wire
	=EB3+ET1-A2:14	=EB3+ET1-X3:17				=EB3+ET1/6.3	=EB3+ET1/6.3	Conductor / wire
	=EB3+ET1-A2:19	=EB3+ET1-X3:22				=EB3+ET1/6.8	=EB3+ET1/6.8	Conductor / wire
	=EB3+ET1-A2:17	=EB3+ET1-X3:20				=EB3+ET1/6.6	=EB3+ET1/6.6	Conductor / wire
	=EB3+ET1-A2:12	=EB3+ET1-X3:15	1			=EB3+ET1/6.1	=EB3+ET1/6.1	Conductor / wire
	=EB3+ET1-A2:15	=EB3+ET1-X3:18				=EB3+ET1/6.4	=EB3+ET1/6.4	Conductor / wire
	=EB3+ET1-A2:20	=EB3+ET1-X3:23	1			=EB3+ET1/6.8	=EB3+ET1/6.8	Conductor / wire
	=EB3+ET1-A2:16	=EB3+ET1-X3:19				=EB3+ET1/6.5	=EB3+ET1/6.5	Conductor / wire
	=EB3+ET1-A2:11	=EB3+ET1-X3:14	1			=EB3+ET1/6.1	=EB3+ET1/6.1	Conductor / wire
	=EB3+ET1-PE:9	=EB3+ET1-X2:PE	4			=EB3+ET1/6.2	=EB3+ET1/6.2	Conductor / wire
	=EB3+ET1-X2:24	=EB3+ET1-X3:13	1			=EB3+ET1/6.1	=EB3+ET1/6.1	Conductor / wire
	=EB3+ET1-X2:25	=EB3+ET1-X3:15	1			=EB3+ET1/6.1	=EB3+ET1/6.1	Conductor / wire
	=EB3+ET1-A3:2	=EB3+ET1-X4:5				=EB3+ET1/7.1	=EB3+ET1/7.1	Conductor / wire
	=EB3+ET1-H2:X1	=EB3+ET1-X4:5				=EB3+ET1/7.1	=EB3+ET1/7.1	Conductor / wire
	=EB3+ET1-A3:6	=EB3+ET1-X4:9				=EB3+ET1/7.5	=EB3+ET1/7.5	Conductor / wire
	=EB3+ET1-A3:7	=EB3+ET1-X4:10				=EB3+ET1/7.6	=EB3+ET1/7.6	Conductor / wire

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Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=EB3+ET1-A3:4	=EB3+ET1-X4:7				=EB3+ET1/7.3	=EB3+ET1/7.3	Conductor / wire
	=EB3+ET1-A3:3	=EB3+ET1-X4:6				=EB3+ET1/7.2	=EB3+ET1/7.2	Conductor / wire
	=EB3+ET1-H3:X1	=EB3+ET1-X4:6				=EB3+ET1/7.2	=EB3+ET1/7.2	Conductor / wire
	=EB3+ET1-H2:X2	=EB3+ET1-H3:X2	1			=EB3+ET1/7.1	=EB3+ET1/7.2	Conductor / wire
	=EB3+ET1-A3:5	=EB3+ET1-X4:8				=EB3+ET1/7.4	=EB3+ET1/7.4	Conductor / wire
	=EB3+ET1-A3:8	=EB3+ET1-X4:11				=EB3+ET1/7.7	=EB3+ET1/7.7	Conductor / wire
	=EB3+ET1-A3:9	=EB3+ET1-X4:12				=EB3+ET1/7.8	=EB3+ET1/7.8	Conductor / wire
	=EB3+ET1-A3:10	=EB3+ET1-X4:13	1			=EB3+ET1/7.8	=EB3+ET1/7.8	Conductor / wire
	=EB3+ET1-H7:X1	=EB3+ET1-X4:10				=EB3+ET1/7.6	=EB3+ET1/7.6	Conductor / wire
	=EB3+ET1-H5:X1	=EB3+ET1-X4:8				=EB3+ET1/7.4	=EB3+ET1/7.4	Conductor / wire
	=EB3+ET1-H4:X1	=EB3+ET1-X4:7				=EB3+ET1/7.3	=EB3+ET1/7.3	Conductor / wire
	=EB3+ET1-H3:X2	=EB3+ET1-H4:X2	1			=EB3+ET1/7.2	=EB3+ET1/7.3	Conductor / wire
	=EB3+ET1-H4:X2	=EB3+ET1-H5:X2	1			=EB3+ET1/7.3	=EB3+ET1/7.4	Conductor / wire
	=EB3+ET1-H6:X1	=EB3+ET1-X4:9				=EB3+ET1/7.5	=EB3+ET1/7.5	Conductor / wire
	=EB3+ET1-H5:X2	=EB3+ET1-H6:X2	1			=EB3+ET1/7.4	=EB3+ET1/7.5	Conductor / wire
	=EB3+ET1-H6:X2	=EB3+ET1-H7:X2	1			=EB3+ET1/7.5	=EB3+ET1/7.6	Conductor / wire
	=EB3+ET1-H8:X1	=EB3+ET1-X4:11				=EB3+ET1/7.7	=EB3+ET1/7.7	Conductor / wire
	=EB3+ET1-H7:X2	=EB3+ET1-H8:X2	1			=EB3+ET1/7.6	=EB3+ET1/7.7	Conductor / wire
	=EB3+ET1-H8:X2	=EB3+ET1-X4:13	1			=EB3+ET1/7.7	=EB3+ET1/7.8	Conductor / wire
	=EB3+ET1-A3:20	=EB3+ET1-X4:23	1			=EB3+ET1/8.8	=EB3+ET1/8.8	Conductor / wire
	=EB3+ET1-A3:14	=EB3+ET1-X4:17				=EB3+ET1/8.3	=EB3+ET1/8.3	Conductor / wire
	=EB3+ET1-A3:16	=EB3+ET1-X4:19				=EB3+ET1/8.5	=EB3+ET1/8.5	Conductor / wire
	=EB3+ET1-A3:12	=EB3+ET1-X4:15				=EB3+ET1/8.1	=EB3+ET1/8.1	Conductor / wire
	=EB3+ET1-A3:17	=EB3+ET1-X4:20				=EB3+ET1/8.6	=EB3+ET1/8.6	Conductor / wire
	=EB3+ET1-A3:19	=EB3+ET1-X4:22				=EB3+ET1/8.8	=EB3+ET1/8.8	Conductor / wire
	=EB3+ET1-A3:15	=EB3+ET1-X4:18				=EB3+ET1/8.4	=EB3+ET1/8.4	Conductor / wire
	=EB3+ET1-A3:13	=EB3+ET1-X4:16				=EB3+ET1/8.2	=EB3+ET1/8.2	Conductor / wire
	=EB3+ET1-A3:18	=EB3+ET1-X4:21				=EB3+ET1/8.7	=EB3+ET1/8.7	Conductor / wire
	=EB3+ET2-Q1:5	=EB3+ET2-X1:8	4			=EB3+ET2/1.3	=EB3+ET2/1.2	Conductor / wire
	=EB3+ET2-Q1:1	=EB3+ET2-X1:6	4			=EB3+ET2/1.3	=EB3+ET2/1.1	Conductor / wire
	=EB3+ET2-Q1:3	=EB3+ET2-X1:7	4			=EB3+ET2/1.3	=EB3+ET2/1.1	Conductor / wire
	=EB3+ET2-X1:PE	=EB3+ET2-X1:PE	4			=EB3+ET2/1.2	=EB3+ET2/1.2	Direct connection
	=EB3+ET2-K1:3	=EB3+ET2-Q1:4	2,5			=EB3+ET2/1.4	=EB3+ET2/1.3	Conductor / wire
	=EB3+ET2-K1:1	=EB3+ET2-Q1:2	2,5			=EB3+ET2/1.3	=EB3+ET2/1.3	Conductor / wire
	=EB3+ET2-K1:2	=EB3+ET2-X1:12	2,5			=EB3+ET2/1.3	=EB3+ET2/1.3	Conductor / wire
	=EB3+ET2-K1:4	=EB3+ET2-X1:13	2,5			=EB3+ET2/1.4	=EB3+ET2/1.4	Conductor / wire
	=EB3+ET2-X1:PE	=EB3+ET2-X1:PE	4			=EB3+ET2/1.4	=EB3+ET2/1.2	Direct connection
	=EB3+ET2-K1:5	=EB3+ET2-Q1:6	1,5			=EB3+ET2/1.4	=EB3+ET2/1.3	Conductor / wire
	=EB3+ET2-K1:6	=EB3+ET2-X1:14	1,5			=EB3+ET2/1.4	=EB3+ET2/1.4	Conductor / wire
	=EB3+ET2-A2:1	=EB3+ET2-Q1:14				=EB3+ET2/2.2	=EB3+ET2/2.2	Conductor / wire
	=EB3+ET2-A2:2	=EB3+ET2-Q1:13				=EB3+ET2/2.2	=EB3+ET2/2.2	Conductor / wire
	=EB3+ET2-A1:2+	=EB3+ET2-A1:24V	1			=EB3+ET2/2.1	=EB3+ET2/2.1	Conductor / wire
	=EB3+ET2-A1:0V	=EB3+ET2-A1:2-	1			=EB3+ET2/2.1	=EB3+ET2/2.1	Conductor / wire
	=EB3+ET2-A1:1-	=EB3+ET2-A1:2-	1			=EB3+ET2/2.1	=EB3+ET2/2.1	Conductor / wire
	=EB3+ET2-A1:1PE	=EB3+ET2-A1:2PE	4			=EB3+ET2/2.1	=EB3+ET2/2.2	Conductor / wire
	=EB3+ET2-A1:1+	=EB3+ET2-A1:2+	1			=EB3+ET2/2.1	=EB3+ET2/2.1	Conductor / wire
	=EB3+ET2-A5:4	=EB3+ET2-A5:8	4			=EB3+ET2/3.1	=EB3+ET2/3.1	Conductor / wire
	=EB3+ET2-A5:3	=EB3+ET2-A5:7	1			=EB3+ET2/3.1	=EB3+ET2/3.1	Conductor / wire
	=EB3+ET2-A5:2	=EB3+ET2-A5:6	1			=EB3+ET2/3.1	=EB3+ET2/3.1	Conductor / wire
	=EB3+ET2-A6:1	=EB3+ET2-K1:A1				=EB3+ET2/3.2	=EB3+ET2/3.2	Conductor / wire
	=EB3+ET2-A6:3	=EB3+ET2-K1:A2				=EB3+ET2/3.2	=EB3+ET2/3.2	Conductor / wire
	=EB3+ET3-XS1:1	=EB3+ET3-XS1:1	2,5			=EB3+ET3/1.3	=EB3+ET3/1.3	Direct connection
	=EB3+ET3-XS1:2	=EB3+ET3-XS1:2	2,5			=EB3+ET3/1.4	=EB3+ET3/1.4	Direct connection
	=EB3+ET3-XS1:PE	=EB3+ET3-XS1:PE	4			=EB3+ET3/1.4	=EB3+ET3/1.4	Direct connection
	=EB3+ET3-XS1:3	=EB3+ET3-XS1:3	2,5			=EB3+ET3/1.4	=EB3+ET3/1.4	Direct connection
	=EB3+ET3-X1:PE	=EB3+ET3-X1:PE	4			=EB3+ET3/1.2	=EB3+ET3/1.2	Direct connection
	=EB3+ET3-K1:2	=EB3+ET3-X1:12	2,5			=EB3+ET3/1.3	=EB3+ET3/1.3	Conductor / wire

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Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=EB3+ET3-K1:4	=EB3+ET3-X1:13	2,5			=EB3+ET3/1.4	=EB3+ET3/1.4	Conductor / wire
	=EB3+ET3-X1:PE	=EB3+ET3-X1:PE	4			=EB3+ET3/1.4	=EB3+ET3/1.2	Direct connection
	=EB3+ET3-K1:6	=EB3+ET3-X1:14	2,5			=EB3+ET3/1.4	=EB3+ET3/1.4	Conductor / wire
	=EB3+ET3-Q1:1	=EB3+ET3-X1:6	4			=EB3+ET3/1.3	=EB3+ET3/1.1	Conductor / wire
	=EB3+ET3-K1:1	=EB3+ET3-Q1:2	2,5			=EB3+ET3/1.3	=EB3+ET3/1.3	Conductor / wire
	=EB3+ET3-Q1:3	=EB3+ET3-X1:7	4			=EB3+ET3/1.3	=EB3+ET3/1.1	Conductor / wire
	=EB3+ET3-K1:3	=EB3+ET3-Q1:4	2,5			=EB3+ET3/1.4	=EB3+ET3/1.3	Conductor / wire
	=EB3+ET3-Q1:5	=EB3+ET3-X1:8	4			=EB3+ET3/1.3	=EB3+ET3/1.2	Conductor / wire
	=EB3+ET3-K1:5	=EB3+ET3-Q1:6	2,5			=EB3+ET3/1.4	=EB3+ET3/1.3	Conductor / wire
	=EB3+ET3-A0:1	=EB3+ET3-A0:2	1			=EB3+ET3/2.0	=EB3+ET3/2.0	Conductor / wire
	=EB3+ET3-A0:3	=EB3+ET3-A0:4	1			=EB3+ET3/2.0	=EB3+ET3/2.1	Conductor / wire
	=EB3+ET3-A0:4	=EB3+ET3-A1:3	1			=EB3+ET3/2.1	=EB3+ET3/2.2	Conductor / wire
	=EB3+ET3-A1:3	=EB3+ET3-A1:7	1			=EB3+ET3/2.2	=EB3+ET3/2.2	Conductor / wire
	=EB3+ET3-A0:2	=EB3+ET3-A1:2	1			=EB3+ET3/2.0	=EB3+ET3/2.1	Conductor / wire
	=EB3+ET3-A1:2	=EB3+ET3-A1:6	1			=EB3+ET3/2.1	=EB3+ET3/2.2	Conductor / wire
	=EB3+ET3-A2:2	=EB3+ET3-Q1:13				=EB3+ET3/2.3	=EB3+ET3/2.2	Conductor / wire
	=EB3+ET3-A2:1	=EB3+ET3-Q1:14				=EB3+ET3/2.2	=EB3+ET3/2.2	Conductor / wire
	=EB3+ET3-A4:3	=EB3+ET3-A4:7	1			=EB3+ET3/3.1	=EB3+ET3/3.1	Conductor / wire
	=EB3+ET3-A4:2	=EB3+ET3-A4:6	1			=EB3+ET3/3.1	=EB3+ET3/3.1	Conductor / wire
	=EB3+ET3-A5:1	=EB3+ET3-K1:A1				=EB3+ET3/3.1	=EB3+ET3/3.1	Conductor / wire
	=EB3+ET3-A5:3	=EB3+ET3-K1:A2				=EB3+ET3/3.2	=EB3+ET3/3.1	Conductor / wire
	=EB3+ET4-K1:2	=EB3+ET4-X1:12	2,5			=EB3+ET4/1.3	=EB3+ET4/1.3	Conductor / wire
	=EB3+ET4-K1:4	=EB3+ET4-X1:13	2,5			=EB3+ET4/1.4	=EB3+ET4/1.4	Conductor / wire
	=EB3+ET4-K1:6	=EB3+ET4-X1:14	2,5			=EB3+ET4/1.4	=EB3+ET4/1.4	Conductor / wire
	=EB3+ET4-X1:PE	=EB3+ET4-X1:PE	4			=EB3+ET4/1.2	=EB3+ET4/1.2	Direct connection
	=EB3+ET4-X1:PE	=EB3+ET4-X1:PE	4			=EB3+ET4/1.2	=EB3+ET4/1.4	Direct connection
	=EB3+ET4-XS1:PE	=EB3+ET4-XS2:PE	4			=EB3+ET4/1.4	=EB3+ET4/1.4	Direct connection
	=EB3+ET4-XS1:3	=EB3+ET4-XS2:3	2,5			=EB3+ET4/1.4	=EB3+ET4/1.4	Direct connection
	=EB3+ET4-XS1:2	=EB3+ET4-XS2:2	2,5			=EB3+ET4/1.4	=EB3+ET4/1.4	Direct connection
	=EB3+ET4-XS1:1	=EB3+ET4-XS2:1	2,5			=EB3+ET4/1.3	=EB3+ET4/1.3	Direct connection
	=EB3+ET4-Q1:1	=EB3+ET4-X1:6	4			=EB3+ET4/1.3	=EB3+ET4/1.1	Conductor / wire
	=EB3+ET4-K1:1	=EB3+ET4-Q1:2	2,5			=EB3+ET4/1.3	=EB3+ET4/1.3	Conductor / wire
	=EB3+ET4-Q1:3	=EB3+ET4-X1:7	4			=EB3+ET4/1.3	=EB3+ET4/1.1	Conductor / wire
	=EB3+ET4-K1:3	=EB3+ET4-Q1:4	2,5			=EB3+ET4/1.4	=EB3+ET4/1.3	Conductor / wire
	=EB3+ET4-Q1:5	=EB3+ET4-X1:8	4			=EB3+ET4/1.3	=EB3+ET4/1.2	Conductor / wire
	=EB3+ET4-K1:5	=EB3+ET4-Q1:6	2,5			=EB3+ET4/1.4	=EB3+ET4/1.3	Conductor / wire
	=EB3+ET4-A0:13	=EB3+ET4-A0:23	1			=EB3+ET4/2.1	=EB3+ET4/2.1	Conductor / wire
	=EB3+ET4-A0:14	=EB3+ET4-A0:24	4			=EB3+ET4/2.1	=EB3+ET4/2.1	Conductor / wire
	=EB3+ET4-A0:11	=EB3+ET4-A0:21	1			=EB3+ET4/2.1	=EB3+ET4/2.1	Conductor / wire
	=EB3+ET4-A0:12	=EB3+ET4-A0:21	1			=EB3+ET4/2.1	=EB3+ET4/2.1	Conductor / wire
	=EB3+ET4-A0:12	=EB3+ET4-A0:22	1			=EB3+ET4/2.1	=EB3+ET4/2.1	Conductor / wire
	=EB3+ET4-A1:12	=EB3+ET4-Q1:13				=EB3+ET4/2.3	=EB3+ET4/2.2	Conductor / wire
	=EB3+ET4-A1:11	=EB3+ET4-Q1:14				=EB3+ET4/2.2	=EB3+ET4/2.2	Conductor / wire
	=EB3+ET4-A3:14	=EB3+ET4-A3:24	4			=EB3+ET4/3.1	=EB3+ET4/3.1	Conductor / wire
	=EB3+ET4-A3:11	=EB3+ET4-A3:21	1			=EB3+ET4/3.0	=EB3+ET4/3.0	Conductor / wire
	=EB3+ET4-A3:12	=EB3+ET4-A3:21	1			=EB3+ET4/3.1	=EB3+ET4/3.0	Conductor / wire
	=EB3+ET4-A3:12	=EB3+ET4-A3:22	1			=EB3+ET4/3.1	=EB3+ET4/3.1	Conductor / wire
	=EB3+ET4-A3:13	=EB3+ET4-A3:23	1			=EB3+ET4/3.1	=EB3+ET4/3.1	Conductor / wire
	=EB3+ET4-A4:11	=EB3+ET4-K1:A1				=EB3+ET4/3.2	=EB3+ET4/3.2	Conductor / wire
	=EB3+ET4-A4:13	=EB3+ET4-K1:A2				=EB3+ET4/3.2	=EB3+ET4/3.2	Conductor / wire
	=EB3+ET1-A1:PE	=EB3+ET1-PE:7	4			=EB3+EBS/1.2	=EB3+EBS/1.1	Conductor / wire
	=EB3+ET1-A1:M1	=EB3+ET1-A1:M2	1			=EB3+EBS/1.2	=EB3+EBS/1.2	Conductor / wire
	=EB3+ET2-A1:0V	=EB3+ET2-X2:2	1			=EB3+ET2/2.1	=EB3+ET1/1.6	Conductor / wire
	=EB3+ET4-A0:13	=EB3+ET4-X2:2	1			=EB3+ET4/2.1	=EB3+ET1/1.7	Conductor / wire
	=EB3+ET1-A6:A1	=EB3+ET1-F3:2	1			=EB3+ET1/2.3	=EB3+ET1/1.4	Conductor / wire
	=EB3+ET1-A6:A2	=EB3+ET1-XTR:1	1			=EB3+ET1/2.3	=EB3+ET1/1.6	Conductor / wire
	=EB3+ET2-A1:24V	=EB3+ET2-X2:1	1			=EB3+ET2/2.1	=EB3+ET1/1.5	Conductor / wire

Connection list

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Connection	Source	Target	Cross-section	Color	Length	Page / column 1	Page / column 2	Function definition
	=EB3+ET3-A0:3	=EB3+ET3-X2:2	1			=EB3+ET3/2.0	=EB3+ET1/1.7	Conductor / wire
	=EB3+ET1-A6:13	=EB3+ET1-F2:2	1			=EB3+ET1/2.5	=EB3+ET1/1.4	Conductor / wire
	=EB3+ET4-A0:11	=EB3+ET4-X2:1	1			=EB3+ET4/2.1	=EB3+ET1/1.6	Conductor / wire
	=EB3+ET3-A0:1	=EB3+ET3-X2:1	1			=EB3+ET3/2.0	=EB3+ET1/1.5	Conductor / wire
	=EB3+ET3-PE1:1	=EB3+ET3-X2:PE	4			=EB3+ET3/3.1	=EB3+ET1/1.8	Conductor / wire
	=EB3+ET4-A0:14	=EB3+ET4-X2:PE	4			=EB3+ET4/2.1	=EB3+ET1/1.8	Conductor / wire
	=EB3+ET2-A1:1PE	=EB3+ET2-X2:PE	4			=EB3+ET2/2.1	=EB3+ET1/1.8	Conductor / wire
	=EB3+ET1-A6:A1	=EB3+ET1-X3:1	1			=EB3+ET1/2.3	=EB3+ET1/5.1	Conductor / wire
	=EB3+ET1-H1:X2	=EB3+ET1-X3:12	1			=EB3+ET1/2.5	=EB3+ET1/5.8	Conductor / wire
	=EB3+ET4-A3:11	=EB3+ET4-X2:3	1			=EB3+ET4/3.0	=EB3+ET1/2.6	Conductor / wire
	=EB3+ET1-A6:14	=EB3+ET1-X3:3	1			=EB3+ET1/2.5	=EB3+ET1/5.1	Conductor / wire
	=EB3+ET2-A5:2	=EB3+ET2-X2:3	1			=EB3+ET2/3.1	=EB3+ET1/2.6	Conductor / wire
	=EB3+ET3-A4:2	=EB3+ET3-X2:3	1			=EB3+ET3/3.1	=EB3+ET1/2.6	Conductor / wire
	=EB3+ET2-X1:3	=EB3+ET2-X1:8	4			=EB3+ET1/3.2	=EB3+ET2/1.2	Wire jumper
	=EB3+ET2-X1:2	=EB3+ET2-X1:7	4			=EB3+ET1/3.1	=EB3+ET2/1.1	Wire jumper
	=EB3+ET2-X1:1	=EB3+ET2-X1:6	4			=EB3+ET1/3.1	=EB3+ET2/1.1	Wire jumper
	=EB3+ET2-X1:4	=EB3+ET2-X1:9	4			=EB3+ET1/3.2	=EB3+ET2/1.2	Wire jumper
	=EB3+ET2-X1:PE	=EB3+ET2-X1:PE	4			=EB3+ET1/3.2	=EB3+ET2/1.2	Direct connection
	=EB3+ET3-X1:1	=EB3+ET3-X1:6	4			=EB3+ET1/3.4	=EB3+ET3/1.1	Wire jumper
	=EB3+ET3-X1:2	=EB3+ET3-X1:7	4			=EB3+ET1/3.4	=EB3+ET3/1.1	Wire jumper
	=EB3+ET3-X1:3	=EB3+ET3-X1:8	4			=EB3+ET1/3.5	=EB3+ET3/1.2	Wire jumper
	=EB3+ET3-X1:4	=EB3+ET3-X1:9	4			=EB3+ET1/3.5	=EB3+ET3/1.2	Wire jumper
	=EB3+ET3-X1:PE	=EB3+ET3-X1:PE	4			=EB3+ET1/3.5	=EB3+ET3/1.2	Direct connection
	=EB3+ET4-X1:1	=EB3+ET4-X1:6	4			=EB3+ET1/3.7	=EB3+ET4/1.1	Wire jumper
	=EB3+ET4-X1:2	=EB3+ET4-X1:7	4			=EB3+ET1/3.7	=EB3+ET4/1.1	Wire jumper
	=EB3+ET4-X1:3	=EB3+ET4-X1:8	4			=EB3+ET1/3.8	=EB3+ET4/1.2	Wire jumper
	=EB3+ET4-X1:4	=EB3+ET4-X1:9	4			=EB3+ET1/3.8	=EB3+ET4/1.2	Wire jumper
	=EB3+ET4-X1:PE	=EB3+ET4-X1:PE	4			=EB3+ET1/3.8	=EB3+ET4/1.2	Direct connection
	=EB3+ET1-X3:1	=EB3+ET1-X3:13	1			=EB3+ET1/5.1	=EB3+ET1/6.1	Wire jumper
	=EB3+ET1-X3:12	=EB3+ET1-X3:24	1			=EB3+ET1/5.8	=EB3+ET1/6.8	Wire jumper
	=EB3+ET1-X3:24	=EB3+ET1-X4:14	1			=EB3+ET1/6.8	=EB3+ET1/7.9	Conductor / wire
	=EB3+ET1-A1:L+	=EB3+ET1-X2:24	1			=EB3+EBS/1.2	=EB3+ET1/6.1	Conductor / wire
	=EB3+ET1-X4:14	=EB3+ET1-X4:24	1			=EB3+ET1/7.9	=EB3+ET1/8.9	Wire jumper
	=EB3+ET1-A1:M1	=EB3+ET1-X4:24	1			=EB3+EBS/1.2	=EB3+ET1/8.9	Conductor / wire
	=EB3+ET2-A1:1-	=EB3+ET2-A5:3	1			=EB3+ET2/2.1	=EB3+ET2/3.1	Conductor / wire
	=EB3+ET2-A1:2PE	=EB3+ET2-A5:4	4			=EB3+ET2/2.2	=EB3+ET2/3.1	Conductor / wire
	=EB3+ET3-A1:7	=EB3+ET3-A4:3	1			=EB3+ET3/2.2	=EB3+ET3/3.1	Conductor / wire
	=EB3+ET4-A0:23	=EB3+ET4-A3:13	1			=EB3+ET4/2.1	=EB3+ET4/3.1	Conductor / wire
	=EB3+ET4-A0:24	=EB3+ET4-A3:14	4			=EB3+ET4/2.1	=EB3+ET4/3.1	Conductor / wire
	=EB3+ET1-F12:3	=EB3+ET1-Q1:3	16			=EB3+ET1/3.1	=EB3+ET1/1.0	Conductor / wire
	=EB3+ET1-F1:1	=EB3+ET1-F12:1	16			=EB3+ET1/1.4	=EB3+ET1/3.1	Conductor / wire
	=EB3+ET1-F12:5	=EB3+ET1-Q1:5	16			=EB3+ET1/3.1	=EB3+ET1/1.0	Conductor / wire
	=EB3+ET1-X4:1	=EB3+ET1-X3:3	1			=EB3+ET1/7.0	=EB3+ET1/5.1	Conductor / wire
	=EB3+ET1-X4:2	=EB3+ET1-A3:1	1			=EB3+ET1/7.1	=EB3+ET1/7.1	Conductor / wire
	=EB3+ET1-X4:4	=EB3+ET1-A3:11	1			=EB3+ET1/8.1	=EB3+ET1/8.1	Conductor / wire
	=EB3+ET2-XS1:1	=EB3+ET2-XS1:1	2,5			=EB3+ET2/1.3	=EB3+ET2/1.3	Direct connection
	=EB3+ET2-XS1:2	=EB3+ET2-XS1:2	2,5			=EB3+ET2/1.4	=EB3+ET2/1.4	Direct connection
	=EB3+ET2-XS1:3	=EB3+ET2-XS1:3	1,5			=EB3+ET2/1.4	=EB3+ET2/1.4	Direct connection
	=EB3+ET2-XS1:PE	=EB3+ET2-XS1:PE	4			=EB3+ET2/1.4	=EB3+ET2/1.4	Direct connection

Parts list

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Device tag	Quantity	Designation	Type number	Supplier	Part number
	18				PLN-6x1-NT
	5				PLN-8x1,25-NT
-P1	0				
1VTL1	0				
1VTL2	0				
1VTL3	0				
2VTL1	0				
2VTL2	0				
2VTL3	0				
3VTL1	0				
3VTL2	0				
-Z1	0				
-Z2	0				
-Z3	0				
-Z4	0				
-Z5	0				
-Z6	0				
-Z7	0				
-Z8	0				
-Z9	0				
-Z10	0				
-Z11	0				
1-1A1	1	Compact cylinder	156583	FESTO	ADVU-100-50-P-A
1-1A2	1	Compact cylinder	156583	FESTO	ADVU-100-50-P-A
1-2A1	1	Compact cylinder	156583	FESTO	ADVU-100-50-P-A
1-2A2	1	Compact cylinder	156583	FESTO	ADVU-100-50-P-A
1-3A1	1	Compact cylinder	156583	FESTO	ADVU-100-50-P-A
1-3A2	1	Compact cylinder	156583	FESTO	ADVU-100-50-P-A
1-4A1	0				
1-4P1	0				
1-0S1	0				
1-0V1	0				
1-0V2	0				
1-0V3	0				
1-0V4	0				
1-1V1	1	Solenoid valve	173051	FESTO	MEBH-5/3G-1/8-B-110AC
1-1V2	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-1V3	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-1V4	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-1V5	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-2V1	1	Solenoid valve	173051	FESTO	MEBH-5/3G-1/8-B-110AC
1-2V2	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-2V3	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-2V4	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-2V5	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-3V1	1	Solenoid valve	173051	FESTO	MEBH-5/3G-1/8-B-110AC
1-3V2	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-3V3	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-3V4	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-3V5	1	Non-return throttle valve	GRLA-1/4-B	FESTO	GRLA-1/4-B
1-4V1	0				
1-0Z1	0				
1-0Z2	0				
1-0Z3	0				
1-0Z4	0				
1-0Z5	0				

Parts list

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Device tag	Quantity	Designation	Type number	Supplier	Part number
1-1Z1	1	Silencer	2316	FESTO	U-1/4
1-1Z2	1	Silencer	2316	FESTO	U-1/4
1-1Z3	1	End plate component set	191405	FESTO	NEV-02-01-VDMA
1-1Z4	1	Linkage plate	161110	FESTO	NAW-1/8-02-VDMA
1-1Z5	1	End plate component set	191405	FESTO	NEV-02-01-VDMA
1-2Z1	1	Silencer	2316	FESTO	U-1/4
1-2Z2	1	Silencer	2316	FESTO	U-1/4
1-2Z3	1	End plate component set	191405	FESTO	NEV-02-01-VDMA
1-2Z4	1	Linkage plate	161110	FESTO	NAW-1/8-02-VDMA
1-2Z5	1	End plate component set	191405	FESTO	NEV-02-01-VDMA
1-3Z1	1	Silencer	2316	FESTO	U-1/4
1-3Z2	1	Silencer	2316	FESTO	U-1/4
1-3Z3	1	End plate component set	191405	FESTO	NEV-02-01-VDMA
1-3Z4	1	Linkage plate	161110	FESTO	NAW-1/8-02-VDMA
1-3Z5	1	End plate component set	191405	FESTO	NEV-02-01-VDMA
=EB3+ET1-A1	1	SIMATIC S7-300, central unit with MPI	6ES7315-2AG10-0AB0	SIEMEN	SIE.6ES7315-2AG10-0AB0
=EB3+ET1-A2	1	SIMATIC S7-300, digital input SM 321	6ES7321-1BH02-0AA0	SIEMEN	SIE.6ES7321-1BH02-0AA0
=EB3+ET1-A3	1	SIMATIC S7-300, digital output SM 322	6ES7322-1BH01-0AA0	SIEMEN	SIE.6ES7322-1BH01-0AA0
=EB3+ET1-A6	1	EMERGENCY STOP safety switching device	PNOZ X3P	PILZ	PILZ.777310
=EB3+ET1-F1	1	NEOZED built-in fuse base	5SG1300	SIEMEN	SIE.5SG1300
=EB3+ET1-F1	1	NEOZED fuse link	5SE2306	SIEMEN	SIE.5SE2306
=EB3+ET1-F2	1	Miniature circuit-breaker	5SX2102-8	SIEMEN	SIE.5SX2102-8
=EB3+ET1-F3	1	Miniature circuit-breaker	5SX2102-8	SIEMEN	SIE.5SX2102-8
=EB3+ET1-F12	1	3-pole Neozed fuse 25 A kpl.	3-polige Neozed-Sicherung 25 A kpl.	SIEMEN	SIE.3-polige Neozed-Sicherung 25A
=EB3+ET1-F13	1	NEOZED built-in fuse base	5SG5700	SIEMEN	SIE.5SG5700
=EB3+ET1-F13	3	NEOZED fuse link	5SE2325	SIEMEN	SIE.5SE2325
=EB3+ET1-F13	3	NEOZED adapter sleeve	5SH5025	SIEMEN	SIE.5SH5025
=EB3+ET1-F13	3	NEOZED screw cap ceramic	5SH4362	SIEMEN	SIE.5SH4362
=EB3+ET1-F14	1	NEOZED built-in fuse base	5SG5700	SIEMEN	SIE.5SG5700
=EB3+ET1-F14	3	NEOZED fuse link	5SE2325	SIEMEN	SIE.5SE2325
=EB3+ET1-F14	3	NEOZED adapter sleeve	5SH5025	SIEMEN	SIE.5SH5025
=EB3+ET1-F14	3	NEOZED screw cap ceramic	5SH4362	SIEMEN	SIE.5SH4362
=EB3+ET1-H1	1	Complete device, round, indicator light	3SB3217-6AA40	SIEMEN	SIE.3SB3217-6AA40
=EB3+ET1-H2	1	Complete device, round, indicator light	3SB3217-6AA40	SIEMEN	SIE.3SB3217-6AA40
=EB3+ET1-H3	1	Complete device, round, indicator light	3SB3217-6AA20	SIEMEN	SIE.3SB3217-6AA20
=EB3+ET1-H4	1	Complete device, round, indicator light	3SB3217-6AA40	SIEMEN	SIE.3SB3217-6AA40
=EB3+ET1-H5	1	Complete device, round, indicator light	3SB3217-6AA20	SIEMEN	SIE.3SB3217-6AA20
=EB3+ET1-H6	1	Complete device, round, indicator light	3SB3217-6AA40	SIEMEN	SIE.3SB3217-6AA40
=EB3+ET1-H7	1	Complete device, round, indicator light	3SB3217-6AA20	SIEMEN	SIE.3SB3217-6AA20
=EB3+ET1-H8	1	Complete device, round, indicator light	3SB3217-6AA40	SIEMEN	SIE.3SB3217-6AA40
=EB3+ET1-N	0				
=EB3+ET1-PE	0				
=EB3+ET1-Q1	1	Main / Emergency stop switch	3LD2 514-0TK53	SIEMEN	SIE.3LD2 514-0TK53
=EB3+ET1-Q1	1	Rotary actuator for switch 3LD2	3LD9 284-3B	SIEMEN	SIE.3LD9 284-3B
=EB3+ET1-S1	1	Emergency stop pushbutton PITestop	PITestop Set 1.1	PILZ	PILZ.400410
=EB3+ET1-S2	1	Complete device, round, pushbutton	3SB3201-0AA11	SIEMEN	SIE.3SB3201-0AA11
=EB3+ET1-S3	1	Complete device, round, pushbutton	3SB3201-0AA11	SIEMEN	SIE.3SB3201-0AA11
=EB3+ET1-S4	1	Complete device, round, pushbutton	3SB3201-0AA21	SIEMEN	SIE.3SB3201-0AA21
=EB3+ET1-S5	1	Complete device, round, pushbutton	3SB3201-0AA11	SIEMEN	SIE.3SB3201-0AA11
=EB3+ET1-S6	1	Complete device, round, pushbutton	3SB3201-0AA21	SIEMEN	SIE.3SB3201-0AA21
=EB3+ET1-S7	1	Complete device, round, pushbutton	3SB3201-0AA11	SIEMEN	SIE.3SB3201-0AA11
=EB3+ET1-S8	1	Complete device, round, pushbutton	3SB3201-0AA21	SIEMEN	SIE.3SB3201-0AA21
=EB3+ET1-S9	0				
=EB3+ET1-T1	1		QUINT-PS-100-240AC/24DC/5	PXC	PXC.2938581
=EB3+ET1-U1	1	TS 8886.500 800/1800/600	TS 8886.500	RITTAL	TS 8886.500
=EB3+ET1-U3	1	Cable duct 60x60	KK6060		KK6060

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Parts list

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Device tag	Quantity	Designation	Type number	Supplier	Part number
=EB3+ET1-U4	1	Cable duct 60x60	KK6060		KK6060
=EB3+ET1-U5	1	Cable duct 60x60	KK6060		KK6060
=EB3+ET1-U6	1	Cable duct 60x60	KK6060		KK6060
=EB3+ET1-U7	1	Cable duct 60x60	KK6060		KK6060
=EB3+ET1-U8	1	Cable duct 60x60	KK6060		KK6060
=EB3+ET1-U9	1	Cable duct 60x60	KK6060		KK6060
=EB3+ET1-U10	1	Cable duct 60x60	KK6060		KK6060
=EB3+ET1-U11	1	Cable duct 60x60	KK6060		KK6060
=EB3+ET1-U12	1	Cable duct 60x60	KK6060		KK6060
=EB3+ET1-U13	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET1-U14	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET1-U15	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET1-U16	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET1-U17	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET1-U18	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET1-U19	1	Mounting rail EN 50 022 (110x15)	TS 110_15		TS 110_15
=EB3+ET1-U20	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET1-U22	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET1-W3	1	Control line, 3G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 203 (3G1,0)
=EB3+ET1-W4	1	Control line, 3G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 203 (3G1,0)
=EB3+ET1-W11	1	Control line, 5G4.0	ÖLFLEX CLASSIC 100 CY	LAPP	LAPP.0035 0133 (5G4)
=EB3+ET1-W12	1	Control line, 5G4.0	ÖLFLEX CLASSIC 100 CY	LAPP	LAPP.0035 0133 (5G4)
=EB3+ET1-W13	1	Control line, 5G4.0	ÖLFLEX CLASSIC 100 CY	LAPP	LAPP.0035 0133 (5G4)
=EB3+ET1-W21	1	Control line, 12G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 212 (12G1,0)
=EB3+ET1-W22	1	Control line, 12G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 212 (12G1,0)
=EB3+ET1-W23	1	Control line, 12G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 212 (12G1,0)
=EB3+ET1-W31	1	PROFIBUS cable	ZB3200	BECK	BECK.ZB3200
=EB3+ET1-W32	1	PROFIBUS cable	ZB3200	BECK	BECK.ZB3200
=EB3+ET1-W33	1	PROFIBUS cable	ZB3200	BECK	BECK.ZB3200
=EB3+ET1-W34	1	PROFIBUS cable	ZB3200	BECK	BECK.ZB3200
=EB3+ET1-W35	1	PROFIBUS cable	ZB3200	BECK	BECK.ZB3200
=EB3+ET1-W36	1	PROFIBUS cable	ZB3200	BECK	BECK.ZB3200
=EB3+ET1-X0	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET1-X0	3	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET1-X0	1	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET1-X0	1	Isolating terminal, with test plug screws on both sides	UT 4-HEDI BU	PXC	PXC.3046456
=EB3+ET1-X0	1	Protective conductor terminal	UT 6-PE	PXC	PXC.3044157
=EB3+ET1-X1	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET1-X1	12	Universal terminal with screw-type connection	UT 6	PXC	PXC.3044131
=EB3+ET1-X1	1	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET1-X1	6	Protective conductor terminal	UT 6-PE	PXC	PXC.3044157
=EB3+ET1-X2	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET1-X2	25	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET1-X2	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET1-X2	5	Protective conductor terminal with spring-cage connection	ST 2,5-PE	PXC	PXC.3031238
=EB3+ET1-X2	1	End cover	D-ST 2,5	PXC	PXC.3030417
=EB3+ET1-X3	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET1-X3	24	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET1-X3	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET1-X3	1	End cover	D-ST 2,5	PXC	PXC.3030417
=EB3+ET1-X4	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET1-X4	24	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET1-X4	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET1-X4	1	End cover	D-ST 2,5	PXC	PXC.3030417
=EB3+ET1-XTR	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET1-XTR	1	Isolating terminal, with test plug screws on both sides	UT 4-HEDI BU	PXC	PXC.3046456

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Device tag	Quantity	Designation	Type number	Supplier	Part number
=EB3+ET1-XTR	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET1-Y1	0				
=EB3+ET2-A1	1	PROFIBUS DP/FMS bus coupler	BK3100	BECK	BECK.BK3100
=EB3+ET2-A2	1	2 channel digital input terminal	KL1012	BECK	BECK.KL1012
=EB3+ET2-A3	1	2 channel digital input terminal	KL1012	BECK	BECK.KL1012
=EB3+ET2-A4	1	2 channel digital input terminal	KL1012	BECK	BECK.KL1012
=EB3+ET2-A5	1	Bus function terminal	KL9190	BECK	BECK.KL9190
=EB3+ET2-A6	1	2 channel digital output terminal	KL2012	BECK	BECK.KL2012
=EB3+ET2-A7	1	2 channel digital output terminal	KL2012	BECK	BECK.KL2012
=EB3+ET2-B1	1	Reflex photoelectric proximity switch	WT 24-2B 210	SICK	SICK.1016931
=EB3+ET2-K1	1	Contactor	3RT1024-1BB44-3MA0	SIEMEN	SIE.3RT1024-1BB44-3MA0
=EB3+ET2-M1	1	Three-phase motor	DV112M4	SEW	SEW.DV112M4
=EB3+ET2-Q1	1	Motor overload switch	3RV1021-1JA15	SIEMEN	SIE.3RV1021-1JA15
=EB3+ET2-S1	1	Emergency stop pushbutton PITestop	PITestop Set 1.1	PILZ	PILZ.400410
=EB3+ET2-S2	1	Proximity switch (NO contact)	3RG4012-3AG01	SIEMEN	SIE.3RG4012-3AG01
=EB3+ET2-S3	1	Proximity switch (NO contact)	3RG4012-3AG01	SIEMEN	SIE.3RG4012-3AG01
=EB3+ET2-S4	1	Proximity switch (NO contact)	3RG4012-3AG01	SIEMEN	SIE.3RG4012-3AG01
=EB3+ET2-S5	1	Proximity switch (NO contact)	3RG4012-3AG01	SIEMEN	SIE.3RG4012-3AG01
=EB3+ET2-U21	1	AE 1050.500 500/500/210	AE 1050.500	RITTAL	AE 1050.500
=EB3+ET2-U42	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET2-U43	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET2-U44	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET2-U45	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET2-U46	1	Cable duct 60x25	KK6025		KK6025
=EB3+ET2-U47	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET2-U48	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET2-W1	1	Control line, 5G4.0	ÖLFLEX CLASSIC 100 CY	LAPP	LAPP.0035 0133 (5G4)
=EB3+ET2-W2	1	Control line halogen free, 4G2.5	ÖLFLEX CLASSIC 110 H	LAPP	LAPP.0019 946 (4G2,5)
=EB3+ET2-W3	1	Control line halogen free, 4G2.5	ÖLFLEX CLASSIC 110 H	LAPP	LAPP.0019 946 (4G2,5)
=EB3+ET2-W5	1	Control line, 3G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 203 (3G1,0)
=EB3+ET2-W6	1	Control line, 3G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 203 (3G1,0)
=EB3+ET2-W7	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET2-W8	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET2-W9	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET2-W10	1	Control line, 3G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 203 (3G1,0)
=EB3+ET2-W11	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET2-W12	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET2-X1	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET2-X1	7	Universal terminal with screw-type connection	UT 6	PXC	PXC.3044131
=EB3+ET2-X1	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET2-X1	3	Protective conductor terminal	UT 6-PE	PXC	PXC.3044157
=EB3+ET2-X1	1	Isolating terminal, with test plug screws on both sides	UT 4-HEDI BU	PXC	PXC.3046456
=EB3+ET2-X1	3	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET2-X1	1	Protective conductor terminal with spring-cage connection	ST 2,5-PE	PXC	PXC.3031238
=EB3+ET2-X2	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET2-X2	7	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET2-X2	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET2-X2	1	Protective conductor terminal with spring-cage connection	ST 2,5-PE	PXC	PXC.3031238
=EB3+ET2-X2	1	End cover	D-ST 2,5	PXC	PXC.3030417
=EB3+ET2-XA1	0				
=EB3+ET2-XS1	1	Female insert, 3-pole + PE	09 20 003 2711	HAR	HAR.09 20 003 2711
=EB3+ET2-XS1	1	Metal sleeve housing	09 30 006 1541	HAR	HAR.09 30 006 1541
=EB3+ET2-XS1	2	Skintop screw connection STR 16	SKINTOP STR	LAPP	LAPP.5301 5140 (PG16)
=EB3+ET2-XS1	1	Male insert, 3-pole + PE	09 20 003 2611	HAR	HAR.09 20 003 2611
=EB3+ET2-XS1	1	Metal base housing	09 30 006 2256	HAR	HAR.09 30 006 2256
=EB3+ET2-Y1	0				

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Device tag	Quantity	Designation	Type number	Supplier	Part number
=EB3+ET2-Y2	0				
=EB3+ET2-Y3	0				
=EB3+ET3-A0	1	Interface module IM151-1 Basic for ET200S	6ES7151-1CA00-0AB0	SIEMEN	SIE.6ES7151-1CA00-0AB0
=EB3+ET3-A1	1		6ES7138-4CA01-0AA0	SIEMEN	SIE.6ES7138-4CA01-0AA0
=EB3+ET3-A2	1		6ES7131-4BB01-0AA0	SIEMEN	SIE.6ES7131-4BB01-0AA0
=EB3+ET3-A3	1		6ES7131-4BB01-0AA0	SIEMEN	SIE.6ES7131-4BB01-0AA0
=EB3+ET3-A4	1		6ES7138-4CA01-0AA0	SIEMEN	SIE.6ES7138-4CA01-0AA0
=EB3+ET3-A5	1		6ES7132-4BB01-0AA0	SIEMEN	SIE.6ES7132-4BB01-0AA0
=EB3+ET3-A6	1		6ES7132-4BB01-0AA0	SIEMEN	SIE.6ES7132-4BB01-0AA0
=EB3+ET3-B1	1	Reflex photoelectric proximity switch	WT 24-2B 210	SICK	SICK.1016931
=EB3+ET3-K1	1	Contactor	3RT1024-1BB44-3MA0	SIEMEN	SIE.3RT1024-1BB44-3MA0
=EB3+ET3-M1	1	Three-phase motor	DV112M4	SEW	SEW.DV112M4
=EB3+ET3-PE1	0				
=EB3+ET3-Q1	1	Motor overload switch	3RV1021-1JA15	SIEMEN	SIE.3RV1021-1JA15
=EB3+ET3-S1	1	Emergency stop pushbutton PITestop	PITestop Set 1.1	PILZ	PILZ.400410
=EB3+ET3-S2	1	Proximity switch (NO contact)	3RG4012-3AG01	SIEMEN	SIE.3RG4012-3AG01
=EB3+ET3-S3	1	Proximity switch (NO contact)	3RG4012-3AG01	SIEMEN	SIE.3RG4012-3AG01
=EB3+ET3-U23	1	AE 1050.500 500/500/210	AE 1050.500	RITTAL	AE 1050.500
=EB3+ET3-U24	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET3-U25	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET3-U26	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET3-U27	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET3-U29	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET3-U30	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET3-U31	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET3-U41	1	Cable duct 30x25	KK3025		KK3025
=EB3+ET3-W1	1	Control line, 5G4.0	ÖLFLEX CLASSIC 100 CY	LAPP	LAPP.0035 0133 (5G4)
=EB3+ET3-W2	1	Control line halogen free, 4G2.5	ÖLFLEX CLASSIC 110 H	LAPP	LAPP.0019 946 (4G2,5)
=EB3+ET3-W3	1	Control line halogen free, 4G2.5	ÖLFLEX CLASSIC 110 H	LAPP	LAPP.0019 946 (4G2,5)
=EB3+ET3-W5	1	Control line, 3G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 203 (3G1,0)
=EB3+ET3-W6	1	Control line, 3G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 203 (3G1,0)
=EB3+ET3-W7	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET3-W8	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET3-W9	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET3-X1	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET3-X1	7	Universal terminal with screw-type connection	UT 6	PXC	PXC.3044131
=EB3+ET3-X1	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET3-X1	3	Protective conductor terminal	UT 6-PE	PXC	PXC.3044157
=EB3+ET3-X1	1	Isolating terminal, with test plug screws on both sides	UT 4-HEDI BU	PXC	PXC.3046456
=EB3+ET3-X1	3	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET3-X1	1	Protective conductor terminal with spring-cage connection	ST 2,5-PE	PXC	PXC.3031238
=EB3+ET3-X1	1	End cover	D-ST 2,5	PXC	PXC.3030417
=EB3+ET3-X2	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET3-X2	7	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET3-X2	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET3-X2	1	Protective conductor terminal with spring-cage connection	ST 2,5-PE	PXC	PXC.3031238
=EB3+ET3-X2	1	End cover	D-ST 2,5	PXC	PXC.3030417
=EB3+ET3-XA1	0				
=EB3+ET3-XS1	1	Female insert, 3-pole + PE	09 20 003 2711	HAR	HAR.09 20 003 2711
=EB3+ET3-XS1	1	Metal sleeve housing	09 30 006 1541	HAR	HAR.09 30 006 1541
=EB3+ET3-XS1	2	Skintop screw connection STR 16	SKINTOP STR	LAPP	LAPP.5301 5140 (PG16)
=EB3+ET3-XS1	1	Male insert, 3-pole + PE	09 20 003 2611	HAR	HAR.09 20 003 2611
=EB3+ET3-XS1	1	Metal base housing	09 30 006 2256	HAR	HAR.09 30 006 2256
=EB3+ET3-Y1	0				
=EB3+ET3-Y2	0				
=EB3+ET4-A0	1		IL PB BK DP/V1-PAC	PXC	PXC.2862246

Device tag list

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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
-P1		=FB3+FT1/1.1	1
1VTL1		=FB3+FT2/1.0	
1VTL2		=FB3+FT2/1.2	
1VTL3		=FB3+FT2/1.3	
2VTL1		=FB3+FT3/1.0	
2VTL2		=FB3+FT3/1.2	
2VTL3		=FB3+FT3/1.3	
3VTL1		=FB3+FT4/1.2	
3VTL2		=FB3+FT4/1.3	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
-Z1		=FB3+FT1/1.4	1
-Z2		=FB3+FT1/1.4	1
-Z3		=FB3+FT2/1.4	1
-Z4		=FB3+FT2/1.4	1
-Z5		=FB3+FT2/1.4	1
-Z6		=FB3+FT3/1.4	1
-Z7		=FB3+FT3/1.4	1
-Z8		=FB3+FT3/1.4	1
-Z9		=FB3+FT4/1.4	1

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Device tag list

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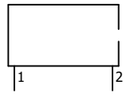
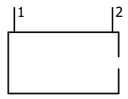
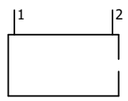
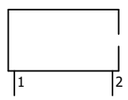
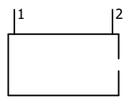
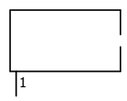
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
-Z10		=FB3+FT4/1.4	
-Z11		=FB3+FT4/1.4	
1-1A1 ADVU-100-50-P-A 156583	Cylinder 1 Compact cylinder	=FB3+FT2/1.1	
1-1A2 ADVU-100-50-P-A 156583	Cylinder 2 Compact cylinder	=FB3+FT2/1.3	
1-2A1 ADVU-100-50-P-A 156583	Cylinder 1 Compact cylinder	=FB3+FT3/1.1	
1-2A2 ADVU-100-50-P-A 156583	Cylinder 2 Compact cylinder	=FB3+FT3/1.3	
1-3A1 ADVU-100-50-P-A 156583	Cylinder 1 Compact cylinder	=FB3+FT4/1.1	
1-3A2 ADVU-100-50-P-A 156583	Cylinder 2 Compact cylinder	=FB3+FT4/1.3	
1-4A1	Supply workpiece	=FB3+FT2/2.6	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
1-4P1	=	=FB3+FT2/2.6	
1-0S1		=FB3+FT1/1.5	
1-0V1		=FB3+FT1/1.2	
1-0V2		=FB3+FT1/1.2	
1-0V3		=FB3+FT1/1.4	
1-0V4		=FB3+FT1/1.4	
1-1V1 MEBH-5/3G-1/8-B-110AC 173051	 Solenoid valve	=FB3+FT2/1.1	
1-1V2 GRLA-1/4-B GRLA-1/4-B	 Non-return throttle valve	=FB3+FT2/1.1	
1-1V3 GRLA-1/4-B GRLA-1/4-B	 Non-return throttle valve	=FB3+FT2/1.2	

			Date	1/5/2011	EPLAN Sample project		EPLAN Software & Service GmbH & Co. KG	Device tag list : -Z10 - 1-1V3
			Ed.	EPL				
			Appr.					
Modification	Date	Name	Original		Replacement of	Replaced by		

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Device tag list

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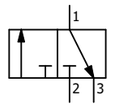
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
1-1V4 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT2/1.3	
1-1V5 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT2/1.3	
1-2V1 MEBH-5/3G-1/8-B-110AC 173051	Solenoid valve	=FB3+FT3/1.1	
1-2V2 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT3/1.1	
1-2V3 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT3/1.2	
1-2V4 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT3/1.3	
1-2V5 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT3/1.3	
1-3V1 MEBH-5/3G-1/8-B-110AC 173051	Solenoid valve	=FB3+FT4/1.1	
1-3V2 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT4/1.1	
1-3V3 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT4/1.2	
1-3V4 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT4/1.3	
1-3V5 GRLA-1/4-B GRLA-1/4-B	Non-return throttle valve	=FB3+FT4/1.3	
1-4V1	Supply workpiece	=FB3+FT2/2.6	
1-0Z1		=FB3+FT1/1.2	
1-0Z2		=FB3+FT1/1.3	
1-0Z3		=FB3+FT1/1.4	
1-0Z4		=FB3+FT1/1.5	
1-0Z5		=FB3+FT1/1.5	

			Date	1/5/2011	EPLAN Sample project		EPLAN Software & Service GmbH & Co. KG	Device tag list : 1-1V4 - 1-0Z5	= REPORT + PART_STKL
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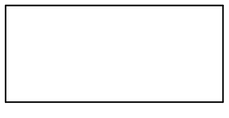
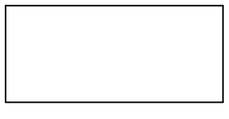
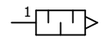
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
1-1Z1 U-1/4 2316	Silencer	=FB3+FT2/1.1	
1-1Z2 U-1/4 2316	Silencer	=FB3+FT2/1.1	
1-1Z3 NEV-02-01-VDMA 191405	End plate component set	=FB3+FT2/1.1	
1-1Z4 NAW-1/8-02-VDMA 161110	Linkage plate	=FB3+FT2/1.1	
1-1Z5 NEV-02-01-VDMA 191405	End plate component set	=FB3+FT2/1.3	
1-2Z1 U-1/4 2316	Silencer	=FB3+FT3/1.1	
1-2Z2 U-1/4 2316	Silencer	=FB3+FT3/1.1	
1-2Z3 NEV-02-01-VDMA 191405	End plate component set	=FB3+FT3/1.1	
1-2Z4 NAW-1/8-02-VDMA 161110	Linkage plate	=FB3+FT3/1.1	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
1-2Z5 NEV-02-01-VDMA 191405	End plate component set	=FB3+FT3/1.3	
1-3Z1 U-1/4 2316	Silencer	=FB3+FT4/1.1	
1-3Z2 U-1/4 2316	Silencer	=FB3+FT4/1.1	
1-3Z3 NEV-02-01-VDMA 191405	End plate component set	=FB3+FT4/1.1	
1-3Z4 NAW-1/8-02-VDMA 161110	Linkage plate	=FB3+FT4/1.1	
1-3Z5 NEV-02-01-VDMA 191405	End plate component set	=FB3+FT4/1.3	
=EB3+ET1		=EB3+ET1 (BR1)	
=EB3+ET1-A1 SIE.6ES7315-2AG10-0AB0 6ES7315-2AG10-0AB0	CPU 315-2 DP input 24VDC SIMATIC S7-300, central unit with MPI	=EB3+EBS/1.2	
=EB3+ET1-A2 SIE.6ES7321-1BH02-0AA0 6ES7321-1BH02-0AA0	Digital input 16xDC24V SIMATIC S7-300, digital input SM 321	=EB3+ET1/5.1	

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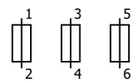
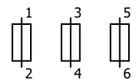
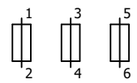
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-A3 SIE.6ES7322-1BH01-0AA0 6ES7322-1BH01-0AA0	Digital output 16xDC24V/0,5A SIMATIC S7-300, digital output SM 322	=EB3+ET1/7.1	
=EB3+ET1-A6 PILZ.777310 PNOZ X3P	EMERGENCY STOP safety switching device	=EB3+ET1/2.3	
=EB3+ET1-F1 SIE.5SG1300 5SG1300	NEOZED built-in fuse base	=EB3+ET1/1.4	
=EB3+ET1-F2 SIE.5SX2102-8 5SX2102-8	Miniature circuit-breaker	=EB3+ET1/1.4	
=EB3+ET1-F3 SIE.5SX2102-8 5SX2102-8	Miniature circuit-breaker	=EB3+ET1/1.4	
=EB3+ET1-F12 SIE.3-polige Neozed-Sicherung 25A 3-polige Neozed-Sicherung 25 A kpl.	Power supply Workstation 1 3-pole Neozed fuse 25 A kpl.	=EB3+ET1/3.1	
=EB3+ET1-F13 SIE.5SG5700 5SG5700	Power supply Workstation 2 NEOZED built-in fuse base	=EB3+ET1/3.4	
=EB3+ET1-F14 SIE.5SG5700 5SG5700	Power supply Workstation 3 NEOZED built-in fuse base	=EB3+ET1/3.7	
=EB3+ET1-H1 SIE.3SB3217-6AA40 3SB3217-6AA40	Control voltage on Complete device, round, indicator light	=EB3+ET1/2.5	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-H2 SIE.3SB3217-6AA40 3SB3217-6AA40	Conveyor belt 1 on Complete device, round, indicator light	=EB3+ET1/7.1	
=EB3+ET1-H3 SIE.3SB3217-6AA20 3SB3217-6AA20	Conveyor belt 1 malfunction Complete device, round, indicator light	=EB3+ET1/7.2	
=EB3+ET1-H4 SIE.3SB3217-6AA40 3SB3217-6AA40	Conveyor belt 2 on Complete device, round, indicator light	=EB3+ET1/7.3	
=EB3+ET1-H5 SIE.3SB3217-6AA20 3SB3217-6AA20	Conveyor belt 2 malfunction Complete device, round, indicator light	=EB3+ET1/7.4	
=EB3+ET1-H6 SIE.3SB3217-6AA40 3SB3217-6AA40	Conveyor belt 3 on Complete device, round, indicator light	=EB3+ET1/7.5	
=EB3+ET1-H7 SIE.3SB3217-6AA20 3SB3217-6AA20	Conveyor belt 3 malfunction Complete device, round, indicator light	=EB3+ET1/7.6	
=EB3+ET1-H8 SIE.3SB3217-6AA40 3SB3217-6AA40	Pneumatics on Complete device, round, indicator light	=EB3+ET1/7.7	
=EB3+ET1-N		=EB3+ET1/1.1	
=EB3+ET1-PE		=EB3+ET1/1.1	

			Date	1/5/2011	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET1-A3 - =EB3+ET1-PE	= REPORT
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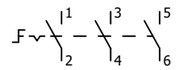
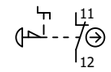
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-Q1 SIE.3LD2 514-0TK53 3LD2 514-0TK53	Main / Emergency stop switch	=EB3+ET1/1.0	
=EB3+ET1-S1 PILZ.400410 PITestop Set 1.1	Emergency stop Emergency stop pushbutton PITestop	=EB3+ET1/2.1	
=EB3+ET1-S2 SIE.3SB3201-0AA11 3SB3201-0AA11	Control voltage on Complete device, round, pushbutton	=EB3+ET1/2.5	
=EB3+ET1-S3 SIE.3SB3201-0AA11 3SB3201-0AA11	Conveyor belt 1 on Complete device, round, pushbutton	=EB3+ET1/5.2	
=EB3+ET1-S4 SIE.3SB3201-0AA21 3SB3201-0AA21	Complete device, round, pushbutton		
=EB3+ET1-S5 SIE.3SB3201-0AA11 3SB3201-0AA11	Conveyor belt 2 on Complete device, round, pushbutton	=EB3+ET1/5.4	
=EB3+ET1-S6 SIE.3SB3201-0AA21 3SB3201-0AA21	Complete device, round, pushbutton		
=EB3+ET1-S7 SIE.3SB3201-0AA11 3SB3201-0AA11	Conveyor belt 3 on Complete device, round, pushbutton	=EB3+ET1/5.6	
=EB3+ET1-S8 SIE.3SB3201-0AA21 3SB3201-0AA21	Complete device, round, pushbutton		
=EB3+ET1-S9	Pneumatics on	=EB3+ET1/6.1	
=EB3+ET1-T1 PXC.2938581 QUINT-PS-100-240AC/24DC/5	Distribution 24V DC	=EB3+ET1/1.4	
=EB3+ET1-U1 TS 8886.500 TS 8886.500	TS 8886.500 800/1800/600	=EB3+ET1 (BR1.S1)	
=EB3+ET1-U3 KK6060 KK6060	Cable duct 60x60	=EB3+ET1 (BR1.S1)	
=EB3+ET1-U4 KK6060 KK6060	Cable duct 60x60	=EB3+ET1 (BR1.S1)	
=EB3+ET1-U5 KK6060 KK6060	Cable duct 60x60	=EB3+ET1 (BR1.S1)	
=EB3+ET1-U6 KK6060 KK6060	Cable duct 60x60	=EB3+ET1 (BR1.S1)	
=EB3+ET1-U7 KK6060 KK6060	Cable duct 60x60	=EB3+ET1 (BR1.S1)	
=EB3+ET1-U8 KK6060 KK6060	Cable duct 60x60	=EB3+ET1 (BR1.S1)	

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET1-Q1 - =EB3+ET1-U8	= REPORT
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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-U9		=EB3+ET1 (BR1.S1)	
KK6060			
KK6060	Cable duct 60x60		
=EB3+ET1-U10		=EB3+ET1 (BR1.S1)	
KK6060			
KK6060	Cable duct 60x60		
=EB3+ET1-U11		=EB3+ET1 (BR1.S1)	
KK6060			
KK6060	Cable duct 60x60		
=EB3+ET1-U12		=EB3+ET1 (BR1.S1)	
KK6060			
KK6060	Cable duct 60x60		
=EB3+ET1-U13		=EB3+ET1 (BR1.S1)	
KK6040			
KK6040	Cable duct 60x40		
=EB3+ET1-U14		=EB3+ET1 (BR1.S1)	
TS 35_15			
TS 35_15	Mounting rail EN 50 022 (35x15)		
=EB3+ET1-U15		=EB3+ET1 (BR1.S1)	
TS 35_15			
TS 35_15	Mounting rail EN 50 022 (35x15)		
=EB3+ET1-U16		=EB3+ET1 (BR1.S1)	
TS 35_15			
TS 35_15	Mounting rail EN 50 022 (35x15)		
=EB3+ET1-U17		=EB3+ET1 (BR1.S1)	
TS 35_15			
TS 35_15	Mounting rail EN 50 022 (35x15)		

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-U18		=EB3+ET1 (BR1.S1)	
TS 35_15			
TS 35_15	Mounting rail EN 50 022 (35x15)		
=EB3+ET1-U19		=EB3+ET1 (BR1.S1)	
TS 110_15			
TS 110_15	Mounting rail EN 50 022 (110x15)		
=EB3+ET1-U20		=EB3+ET1 (BR1.S1)	
TS 35_15			
TS 35_15	Mounting rail EN 50 022 (35x15)		
=EB3+ET1-U22		=EB3+ET1 (BR1.S1)	
KK6040			
KK6040	Cable duct 60x40		
=EB3+ET1-W3	Pneumatics ON	=EB3+ET1/2.4	
LAPP.1119 203 (3G1,0)			
ÖLFLEX CLASSIC 110	Control line, 3G1.0		
=EB3+ET1-W4	Pneumatics on	=EB3+ET1/6.1	
LAPP.1119 203 (3G1,0)			
ÖLFLEX CLASSIC 110	Control line, 3G1.0		
=EB3+ET1-W11	Power supply Workstation 1	=EB3+ET1/3.1	
LAPP.0035 0133 (5G4)			
ÖLFLEX CLASSIC 100 CY	Control line, 5G4.0		
=EB3+ET1-W12	Power supply Workstation 2	=EB3+ET1/3.4	
LAPP.0035 0133 (5G4)			
ÖLFLEX CLASSIC 100 CY	Control line, 5G4.0		
=EB3+ET1-W13	Power supply Workstation 3	=EB3+ET1/3.7	
LAPP.0035 0133 (5G4)			
ÖLFLEX CLASSIC 100 CY	Control line, 5G4.0		

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET1-U9 - =EB3+ET1-W13	= REPORT
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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-W21 LAPP.1119 212 (12G1,0) ÖLFLEX CLASSIC 110	Control line, 12G1.0	=EB3+ETA/2.3	
=EB3+ET1-W22 LAPP.1119 212 (12G1,0) ÖLFLEX CLASSIC 110	Control line, 12G1.0	=EB3+ETA/2.5	
=EB3+ET1-W23 LAPP.1119 212 (12G1,0) ÖLFLEX CLASSIC 110	Control line, 12G1.0	=EB3+ETA/2.7	
=EB3+ET1-W31 BECK.ZB3200 ZB3200	PROFIBUS cable	=EB3+ETA/1.1	
=EB3+ET1-W32 BECK.ZB3200 ZB3200	STATION 1 PROFIBUS cable	=EB3+ETA/1.2	
=EB3+ET1-W33 BECK.ZB3200 ZB3200	= PROFIBUS cable	=EB3+ETA/1.4	
=EB3+ET1-W34 BECK.ZB3200 ZB3200	STATION 2 PROFIBUS cable	=EB3+ETA/1.5	
=EB3+ET1-W35 BECK.ZB3200 ZB3200	= PROFIBUS cable	=EB3+ETA/1.6	
=EB3+ET1-W36 BECK.ZB3200 ZB3200	STATION 3 PROFIBUS cable	=EB3+ETA/1.7	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-X0 PXC.0811969 KLM 3	Terminal strip marking		
=EB3+ET1-X0 PXC.3031212 ST 2,5	Network supply of V2/45-T4 Feed-through terminal with spring-cage connection	=EB3+ET1/1.0	L1
=EB3+ET1-X0 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/1.1	L2
=EB3+ET1-X0 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/1.1	L3
=EB3+ET1-X0 PXC.3046456 UT 4-HEDI BU	= Isolating terminal, with test plug screws on both sides	=EB3+ET1/1.1	N
=EB3+ET1-X0 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/1.1	PE
=EB3+ET1-X1 PXC.0811969 KLM 3	Power Terminal strip marking	=EB3+ETA/2.0	
=EB3+ET1-X1 PXC.3044131 UT 6	Power supply Workstation 1 Universal terminal with screw-type connection	=EB3+ET1/3.1	1
=EB3+ET1-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.1	2

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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-X1 PXC.3044131 UT 6	Power supply Workstation 1 Universal terminal with screw-type connection	=EB3+ET1/3.2	3
=EB3+ET1-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.2	4
=EB3+ET1-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/3.2	PE
=EB3+ET1-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/3.2	PE
=EB3+ET1-X1 PXC.3044131 UT 6	Power supply Workstation 2 Universal terminal with screw-type connection	=EB3+ET1/3.4	7
=EB3+ET1-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.4	8
=EB3+ET1-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.5	9
=EB3+ET1-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.5	10
=EB3+ET1-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/3.5	PE

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/3.5	PE
=EB3+ET1-X1 PXC.3044131 UT 6	Power supply Workstation 3 Universal terminal with screw-type connection	=EB3+ET1/3.7	13
=EB3+ET1-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.7	14
=EB3+ET1-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.8	15
=EB3+ET1-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.8	16
=EB3+ET1-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/3.8	PE
=EB3+ET1-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/3.8	PE
=EB3+ET1-X2 PXC.0811969 KLM 3	Control voltage Terminal strip marking	=EB3+ETA/2.0	
=EB3+ET1-X2 PXC.3031212 ST 2,5	Distribution 24V DC Feed-through terminal with spring-cage connection	=EB3+ET1/1.5	1

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET1-X1 - =EB3+ET1-X2	= REPORT
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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-X2 PXC.3031212 ST 2,5	Distribution 24V DC Feed-through terminal with spring-cage connection	=EB3+ET1/1.5	2
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/1.6	3
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/1.6	4
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/1.7	5
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/1.7	6
=EB3+ET1-X2 PXC.3031212 ST 2,5	Control voltage on Feed-through terminal with spring-cage connection	=EB3+ET1/2.6	7
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.6	8
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.6	9
=EB3+ET1-X2 PXC.3031212 ST 2,5	Emergency stop Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	10

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	11
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	12
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	13
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	14
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	15
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	16
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	17
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	18
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	19

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET1-X2 - =EB3+ET1-X2		= REPORT
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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-X2 PXC.3031212 ST 2,5	Emergency stop Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	20
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	21
=EB3+ET1-X2 PXC.3031238 ST 2,5-PE	Distribution 24V DC Protective conductor terminal with spring-cage connection	=EB3+ET1/1.8	PE
=EB3+ET1-X2 PXC.3031238 ST 2,5-PE	= Protective conductor terminal with spring-cage connection	=EB3+ET1/1.8	PE
=EB3+ET1-X2 PXC.3031238 ST 2,5-PE	= Protective conductor terminal with spring-cage connection	=EB3+ET1/1.8	PE
=EB3+ET1-X2 PXC.3031212 ST 2,5	Pneumatics ON Feed-through terminal with spring-cage connection	=EB3+ET1/2.4	22
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.4	23
=EB3+ET1-X2 PXC.3031238 ST 2,5-PE	= Protective conductor terminal with spring-cage connection	=EB3+ET1/2.4	PE
=EB3+ET1-X2 PXC.3031212 ST 2,5	Pneumatics on Feed-through terminal with spring-cage connection	=EB3+ET1/6.1	24
=EB3+ET1-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/6.1	25
=EB3+ET1-X2 PXC.3031238 ST 2,5-PE	= Protective conductor terminal with spring-cage connection	=EB3+ET1/6.2	PE
=EB3+ET1-X3 PXC.0811969 KLM 3	Terminal strip marking		
=EB3+ET1-X3 PXC.3031212 ST 2,5	Feed-through terminal with spring-cage connection	=EB3+ET1/5.1	1
=EB3+ET1-X3 PXC.3031212 ST 2,5	Feed-through terminal with spring-cage connection	=EB3+ET1/5.1	2
=EB3+ET1-X3 PXC.3031212 ST 2,5	Control voltage on Feed-through terminal with spring-cage connection	=EB3+ET1/5.1	3
=EB3+ET1-X3 PXC.3031212 ST 2,5	Conveyor belt 1 on Feed-through terminal with spring-cage connection	=EB3+ET1/5.2	4
=EB3+ET1-X3 PXC.3031212 ST 2,5	Conveyor belt 1 off Feed-through terminal with spring-cage connection	=EB3+ET1/5.3	5
=EB3+ET1-X3 PXC.3031212 ST 2,5	Conveyor belt 2 on Feed-through terminal with spring-cage connection	=EB3+ET1/5.4	6

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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-X3 PXC.3031212 ST 2,5	Conveyor belt 2 off Feed-through terminal with spring-cage connection	=EB3+ET1/5.5	7
=EB3+ET1-X3 PXC.3031212 ST 2,5	Conveyor belt 3 on Feed-through terminal with spring-cage connection	=EB3+ET1/5.6	8
=EB3+ET1-X3 PXC.3031212 ST 2,5	Conveyor belt 3 off Feed-through terminal with spring-cage connection	=EB3+ET1/5.7	9
=EB3+ET1-X3 PXC.3031212 ST 2,5	Spare Feed-through terminal with spring-cage connection	=EB3+ET1/5.8	10
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/5.8	11
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/5.8	12
=EB3+ET1-X3 PXC.3031212 ST 2,5	Feed-through terminal with spring-cage connection	=EB3+ET1/6.1	13
=EB3+ET1-X3 PXC.3031212 ST 2,5	Feed-through terminal with spring-cage connection	=EB3+ET1/6.1	14
=EB3+ET1-X3 PXC.3031212 ST 2,5	Pneumatics on Feed-through terminal with spring-cage connection	=EB3+ET1/6.1	15
=EB3+ET1-X3 PXC.3031212 ST 2,5	Spare Feed-through terminal with spring-cage connection	=EB3+ET1/6.2	16
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/6.3	17
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/6.4	18
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/6.5	19
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/6.6	20
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/6.7	21
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/6.8	22
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/6.8	23
=EB3+ET1-X3 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/6.8	24

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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-X4 PXC.0811969 KLM 3	Terminal strip marking		
=EB3+ET1-X4 PXC.3031212 ST 2,5	Feed-through terminal with spring-cage connection	=EB3+ET1/7.0	1
=EB3+ET1-X4 PXC.3031212 ST 2,5	Feed-through terminal with spring-cage connection	=EB3+ET1/7.1	2
=EB3+ET1-X4 PXC.3031212 ST 2,5	Feed-through terminal with spring-cage connection	=EB3+ET1/8.0	3
=EB3+ET1-X4 PXC.3031212 ST 2,5	Feed-through terminal with spring-cage connection	=EB3+ET1/8.1	4
=EB3+ET1-X4 PXC.3031212 ST 2,5	Conveyor belt 1 on Feed-through terminal with spring-cage connection	=EB3+ET1/7.1	5
=EB3+ET1-X4 PXC.3031212 ST 2,5	Conveyor belt 1 malfunction Feed-through terminal with spring-cage connection	=EB3+ET1/7.2	6
=EB3+ET1-X4 PXC.3031212 ST 2,5	Conveyor belt 2 on Feed-through terminal with spring-cage connection	=EB3+ET1/7.3	7
=EB3+ET1-X4 PXC.3031212 ST 2,5	Conveyor belt 2 malfunction Feed-through terminal with spring-cage connection	=EB3+ET1/7.4	8
=EB3+ET1-X4 PXC.3031212 ST 2,5	Conveyor belt 3 on Feed-through terminal with spring-cage connection	=EB3+ET1/7.5	9
=EB3+ET1-X4 PXC.3031212 ST 2,5	Conveyor belt 3 malfunction Feed-through terminal with spring-cage connection	=EB3+ET1/7.6	10
=EB3+ET1-X4 PXC.3031212 ST 2,5	Pneumatics on Feed-through terminal with spring-cage connection	=EB3+ET1/7.7	11
=EB3+ET1-X4 PXC.3031212 ST 2,5	Spare Feed-through terminal with spring-cage connection	=EB3+ET1/7.8	12
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/7.8	13
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/7.9	14
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/8.1	15
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/8.2	16
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/8.3	17

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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-X4 PXC.3031212 ST 2,5	Spare Feed-through terminal with spring-cage connection	=EB3+ET1/8.4	18
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/8.5	19
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/8.6	20
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/8.7	21
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/8.8	22
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/8.8	23
=EB3+ET1-X4 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/8.9	24
=EB3+ET1-XTR PXC.0811969 KLM 3	Terminal strip marking		
=EB3+ET1-XTR PXC.3046456 UT 4-HEDI BU	Distribution 24V DC Isolating terminal, with test plug screws on both sides	=EB3+ET1/1.6	1

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET1-Y1	Pneumatics ON	=EB3+ET1/2.4	x1 x2
=EB3+ET2		=EB3+ET2 (BR2)	
=EB3+ET2-A1 BECK.BK3100 BK3100	STATION 1 PROFIBUS DP/FMS bus coupler	=EB3+ET2/2.0	
=EB3+ET2-A2 BECK.KL1012 KL1012	2 channel digital input terminal	=EB3+ET2/2.2	
=EB3+ET2-A3 BECK.KL1012 KL1012	2 channel digital input terminal	=EB3+ET2/2.4	
=EB3+ET2-A4 BECK.KL1012 KL1012	2 channel digital input terminal	=EB3+ET2/2.6	
=EB3+ET2-A5 BECK.KL9190 KL9190	Bus function terminal	=EB3+ET2/3.1	
=EB3+ET2-A6 BECK.KL2012 KL2012	2 channel digital output terminal	=EB3+ET2/3.2	
=EB3+ET2-A7 BECK.KL2012 KL2012	2 channel digital output terminal	=EB3+ET2/3.4	

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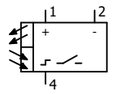
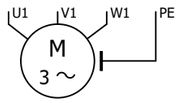
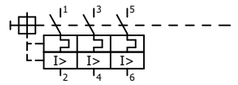
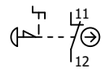
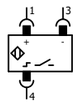
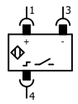
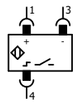
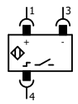
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET2-B1 SICK.1016931 WT 24-2B 210	Conveyor belt in use Reflex photoelectric proximity switch	=EB3+ET2/2.3	
=EB3+ET2-K1 SIE.3RT1024-1BB44-3MA0 3RT1024-1BB44-3MA0	Conveyor belt ON Contactor	=EB3+ET2/3.2	
=EB3+ET2-M1 SEW.DV112M4 DV112M4	Conveyor belt drive 1 Three-phase motor	=EB3+ET2/1.3	
=EB3+ET2-Q1 SIE.3RV1021-1JA15 3RV1021-1JA15	= Motor overload switch	=EB3+ET2/1.3	
=EB3+ET2-S1 PILZ.400410 PITestop Set 1.1	Emergency stop Emergency stop pushbutton PITestop	=EB3+ET1/2.1	
=EB3+ET2-S2 SIE.3RG4012-3AG01 3RG4012-3AG01	Workpiece fixed 1 Proximity switch (NO contact)	=EB3+ET2/2.4	
=EB3+ET2-S3 SIE.3RG4012-3AG01 3RG4012-3AG01	Workpiece fixed 2 Proximity switch (NO contact)	=EB3+ET2/2.5	
=EB3+ET2-S4 SIE.3RG4012-3AG01 3RG4012-3AG01	Workpiece in magazine Proximity switch (NO contact)	=EB3+ET2/2.6	
=EB3+ET2-S5 SIE.3RG4012-3AG01 3RG4012-3AG01	Workpiece on the conveyor belt Proximity switch (NO contact)	=EB3+ET2/2.7	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET2-U21 AE 1050.500 AE 1050.500	 AE 1050.500 500/500/210	=EB3+ET2 (BR2.S2)	
=EB3+ET2-U42 KK6040 KK6040	 Cable duct 60x40	=EB3+ET2 (BR2.S2)	
=EB3+ET2-U43 KK6040 KK6040	 Cable duct 60x40	=EB3+ET2 (BR2.S2)	
=EB3+ET2-U44 KK6040 KK6040	 Cable duct 60x40	=EB3+ET2 (BR2.S2)	
=EB3+ET2-U45 KK6040 KK6040	 Cable duct 60x40	=EB3+ET2 (BR2.S2)	
=EB3+ET2-U46 KK6025 KK6025	 Cable duct 60x25	=EB3+ET2 (BR2.S2)	
=EB3+ET2-U47 TS 35_15 TS 35_15	 Mounting rail EN 50 022 (35x15)	=EB3+ET2 (BR2.S2)	
=EB3+ET2-U48 TS 35_15 TS 35_15	 Mounting rail EN 50 022 (35x15)	=EB3+ET2 (BR2.S2)	
=EB3+ET2-W1 LAPP.0035 0133 (5G4) ÖLFLEX CLASSIC 100 CY	Robot 1 Control line, 5G4.0	=EB3+ETA/3.1	

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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET2-W2 LAPP.0019 946 (4G2,5) ÖLFLEX CLASSIC 110 H	Conveyor belt drive 1 Control line halogen free, 4G2.5	=EB3+ETA/3.1	
=EB3+ET2-W3 LAPP.0019 946 (4G2,5) ÖLFLEX CLASSIC 110 H	= Control line halogen free, 4G2.5	=EB3+ETA/3.1	
=EB3+ET2-W5 LAPP.1119 203 (3G1,0) ÖLFLEX CLASSIC 110	Workpiece fixed 1 (Stretch) Control line, 3G1.0	=EB3+ET2/3.3	
=EB3+ET2-W6 LAPP.1119 203 (3G1,0) ÖLFLEX CLASSIC 110	Workpiece fixed 2 (Release) Control line, 3G1.0	=EB3+ET2/3.4	
=EB3+ET2-W7 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Conveyor belt in use Data lines at plug-in connector, 3X0.34	=EB3+ET2/2.3	
=EB3+ET2-W8 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Workpiece fixed 1 Data lines at plug-in connector, 3X0.34	=EB3+ET2/2.4	
=EB3+ET2-W9 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Workpiece fixed 2 Data lines at plug-in connector, 3X0.34	=EB3+ET2/2.5	
=EB3+ET2-W10 LAPP.1119 203 (3G1,0) ÖLFLEX CLASSIC 110	Feed workpiece (Valve forward) Control line, 3G1.0	=EB3+ET2/3.5	
=EB3+ET2-W11 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Workpiece in magazine Data lines at plug-in connector, 3X0.34	=EB3+ET2/2.6	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET2-W12 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Workpiece on the conveyor belt Data lines at plug-in connector, 3X0.34	=EB3+ET2/2.7	
=EB3+ET2-X1 PXC.0811969 KLM 3	Power Terminal strip marking	=EB3+ETA/2.2	
=EB3+ET2-X1 PXC.3044131 UT 6	Power supply Workstation 1 Universal terminal with screw-type connection	=EB3+ET1/3.1	1
=EB3+ET2-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.1	2
=EB3+ET2-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.2	3
=EB3+ET2-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.2	4
=EB3+ET2-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/3.2	PE
=EB3+ET2-X1 PXC.3044131 UT 6	Robot 1 Universal terminal with screw-type connection	=EB3+ET2/1.1	6
=EB3+ET2-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET2/1.1	7

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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET2-X1 PXC.3044131 UT 6	Robot 1 Universal terminal with screw-type connection	=EB3+ET2/1.2	8
=EB3+ET2-X1 PXC.3046456 UT 4-HEDI BU	= Isolating terminal, with test plug screws on both sides	=EB3+ET2/1.2	9
=EB3+ET2-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET2/1.2	PE
=EB3+ET2-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET2/1.2	PE
=EB3+ET2-X1 PXC.3031212 ST 2,5	Conveyor belt drive 1 Feed-through terminal with spring-cage connection	=EB3+ET2/1.3	12
=EB3+ET2-X1 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET2/1.4	13
=EB3+ET2-X1 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET2/1.4	14
=EB3+ET2-X1 PXC.3031238 ST 2,5-PE	= Protective conductor terminal with spring-cage connection	=EB3+ET2/1.4	PE
=EB3+ET2-X2 PXC.0811969 KLM 3	Control voltage Terminal strip marking	=EB3+ETA/2.2	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET2-X2 PXC.3031212 ST 2,5	Distribution 24V DC Feed-through terminal with spring-cage connection	=EB3+ET1/1.5	1
=EB3+ET2-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/1.6	2
=EB3+ET2-X2 PXC.3031212 ST 2,5	Control voltage on Feed-through terminal with spring-cage connection	=EB3+ET1/2.6	3
=EB3+ET2-X2 PXC.3031212 ST 2,5	Emergency stop Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	4
=EB3+ET2-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	5
=EB3+ET2-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	6
=EB3+ET2-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	7
=EB3+ET2-X2 PXC.3031238 ST 2,5-PE	Distribution 24V DC Protective conductor terminal with spring-cage connection	=EB3+ET1/1.8	PE
=EB3+ET2-XA1	Robot 1	=EB3+ET2/1.1	L1 L2 L3 N PE

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET2-X1 - =EB3+ET2-XA1	= REPORT
			Ed.	EPL				+ PART_STKL
			Appr.		Sample project			EPLAN DEMO — Page 22
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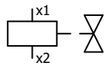
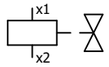
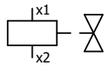
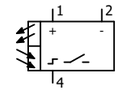
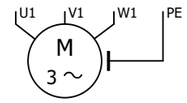
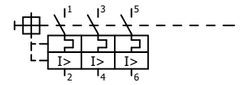
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET2-XS1 HAR.09 20 003 2711 09 20 003 2711	Female insert, 3-pole + PE	=EB3+ET2/1.3	
=EB3+ET2-XS1 HAR.09 20 003 2611 09 20 003 2611	Male insert, 3-pole + PE	=EB3+ET2/1.3	
=EB3+ET2-Y1	Workpiece fixed 1 (Stretch)	=EB3+ET2/3.3	
=EB3+ET2-Y2	Workpiece fixed 2 (Release)	=EB3+ET2/3.4	
=EB3+ET2-Y3	Feed workpiece (Valve forward)	=EB3+ET2/3.5	
=EB3+ET3		=EB3+ET3 (BR3)	
=EB3+ET3-A0 SIE.6ES7151-1CA00-0AB0 6ES7151-1CA00-0AB0	STATION 2 Interface module IM151-1 Basic for ET200S	=EB3+ET3/2.0	
=EB3+ET3-A1 SIE.6ES7138-4CA01-0AA0 6ES7138-4CA01-0AA0		=EB3+ET3/2.1	
=EB3+ET3-A2 SIE.6ES7131-4BB01-0AA0 6ES7131-4BB01-0AA0		=EB3+ET3/2.2	
=EB3+ET3-A3 SIE.6ES7131-4BB01-0AA0 6ES7131-4BB01-0AA0		=EB3+ET3/2.6	
=EB3+ET3-A4 SIE.6ES7138-4CA01-0AA0 6ES7138-4CA01-0AA0		=EB3+ET3/3.0	
=EB3+ET3-A5 SIE.6ES7132-4BB01-0AA0 6ES7132-4BB01-0AA0		=EB3+ET3/3.1	
=EB3+ET3-A6 SIE.6ES7132-4BB01-0AA0 6ES7132-4BB01-0AA0		=EB3+ET3/3.6	
=EB3+ET3-B1 SICK.1016931 WT 24-2B 210	Reflex photoelectric proximity switch	=EB3+ET3/2.4	
=EB3+ET3-K1 SIE.3RT1024-1BB44-3MA0 3RT1024-1BB44-3MA0	Conveyor belt ON Contactor	=EB3+ET3/3.1	
=EB3+ET3-M1 SEW.DV112M4 DV112M4	Conveyor belt drive 2 Three-phase motor	=EB3+ET3/1.3	
=EB3+ET3-PE1		=EB3+ET3/3.1	
=EB3+ET3-Q1 SIE.3RV1021-1JA15 3RV1021-1JA15	Conveyor belt drive 2 Motor overload switch	=EB3+ET3/1.3	

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET2-XS1 - =EB3+ET3-Q1	= REPORT	
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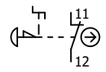
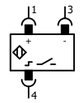
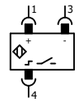
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET3-S1	Emergency stop	=EB3+ET1/2.1	
PILZ.400410			
PITestop Set 1.1	Emergency stop pushbutton PITestop		
=EB3+ET3-S2		=EB3+ET3/2.6	
SIE.3RG4012-3AG01			
3RG4012-3AG01	Proximity switch (NO contact)		
=EB3+ET3-S3		=EB3+ET3/2.8	
SIE.3RG4012-3AG01			
3RG4012-3AG01	Proximity switch (NO contact)		
=EB3+ET3-U23		=EB3+ET3 (BR3.S3)	
AE 1050.500			
AE 1050.500	AE 1050.500 500/500/210		
=EB3+ET3-U24		=EB3+ET3 (BR3.S3)	
KK6040			
KK6040	Cable duct 60x40		
=EB3+ET3-U25		=EB3+ET3 (BR3.S3)	
KK6040			
KK6040	Cable duct 60x40		
=EB3+ET3-U26		=EB3+ET3 (BR3.S3)	
KK6040			
KK6040	Cable duct 60x40		
=EB3+ET3-U27		=EB3+ET3 (BR3.S3)	
KK6040			
KK6040	Cable duct 60x40		
=EB3+ET3-U29		=EB3+ET3 (BR3.S3)	
TS 35_15			
TS 35_15	Mounting rail EN 50 022 (35x15)		

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET3-U30		=EB3+ET3 (BR3.S3)	
KK6040			
KK6040	Cable duct 60x40		
=EB3+ET3-U31		=EB3+ET3 (BR3.S3)	
TS 35_15			
TS 35_15	Mounting rail EN 50 022 (35x15)		
=EB3+ET3-U41		=EB3+ET3 (BR3.S3)	
KK3025			
KK3025	Cable duct 30x25		
=EB3+ET3-W1	Robot 2	=EB3+ETA/3.4	
LAPP.0035 0133 (5G4)			
ÖLFLEX CLASSIC 100 CY	Control line, 5G4.0		
=EB3+ET3-W2	Conveyor belt drive 2	=EB3+ETA/3.5	
LAPP.0019 946 (4G2,5)			
ÖLFLEX CLASSIC 110 H	Control line halogen free, 4G2.5		
=EB3+ET3-W3	=	=EB3+ETA/3.5	
LAPP.0019 946 (4G2,5)			
ÖLFLEX CLASSIC 110 H	Control line halogen free, 4G2.5		
=EB3+ET3-W5	Workpiece fixed 1 (Stretch)	=EB3+ET3/3.3	
LAPP.1119 203 (3G1,0)			
ÖLFLEX CLASSIC 110	Control line, 3G1.0		
=EB3+ET3-W6	Workpiece fixed 2 (Release)	=EB3+ET3/3.6	
LAPP.1119 203 (3G1,0)			
ÖLFLEX CLASSIC 110	Control line, 3G1.0		
=EB3+ET3-W7	Conveyor belt in use	=EB3+ET3/2.4	
LAPP.7038 864 (3X0,34)			
UNITRONIC Sensor FD UL/CSA	Data lines at plug-in connector, 3X0.34		

Parts list

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Device tag	Quantity	Designation	Type number	Supplier	Part number
=EB3+ET4-A0	2				173705
=EB3+ET4-A1	1		IB IL 24 DI 2 PAC	PXC	PXC.2861221
=EB3+ET4-A2	1		IB IL 24 DI 2 PAC	PXC	PXC.2861221
=EB3+ET4-A3	1		IB IL 24 PWR IN-PAC	PXC	PXC.2861331
=EB3+ET4-A4	1		IB IL 24 DO 2 PAC	PXC	PXC.2861470
=EB3+ET4-A5	1		IB IL 24 DO 2 PAC	PXC	PXC.2861470
=EB3+ET4-B1	1	Reflex photoelectric proximity switch	WT 24-2B 210	SICK	SICK.1016931
=EB3+ET4-K1	1	Contactor	3RT1024-1BB44-3MA0	SIEMEN	SIE.3RT1024-1BB44-3MA0
=EB3+ET4-M1	1	Three-phase motor	DV112M4	SEW	SEW.DV112M4
=EB3+ET4-Q1	1	Motor overload switch	3RV1021-1JA15	SIEMEN	SIE.3RV1021-1JA15
=EB3+ET4-S1	1	Emergency stop pushbutton PITestop	PITestop Set 1.1	PILZ	PILZ.400410
=EB3+ET4-S2	1	Proximity switch (NO contact)	3RG4012-3AG01	SIEMEN	SIE.3RG4012-3AG01
=EB3+ET4-S3	1	Proximity switch (NO contact)	3RG4012-3AG01	SIEMEN	SIE.3RG4012-3AG01
=EB3+ET4-U32	1	AE 1050.500 500/500/210	AE 1050.500	RITTAL	AE 1050.500
=EB3+ET4-U33	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET4-U34	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET4-U35	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET4-U36	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET4-U37	1	Cable duct 60x40	KK6040		KK6040
=EB3+ET4-U38	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET4-U39	1	Mounting rail EN 50 022 (35x15)	TS 35_15		TS 35_15
=EB3+ET4-U40	1	Cable duct 30x25	KK3025		KK3025
=EB3+ET4-W1	1	Control line, 5G4.0	ÖLFLEX CLASSIC 100 CY	LAPP	LAPP.0035 0133 (5G4)
=EB3+ET4-W2	1	Control line halogen free, 4G2.5	ÖLFLEX CLASSIC 110 H	LAPP	LAPP.0019 946 (4G2,5)
=EB3+ET4-W3	1	Control line halogen free, 4G2.5	ÖLFLEX CLASSIC 110 H	LAPP	LAPP.0019 946 (4G2,5)
=EB3+ET4-W5	1	Control line, 3G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 203 (3G1,0)
=EB3+ET4-W6	1	Control line, 3G1.0	ÖLFLEX CLASSIC 110	LAPP	LAPP.1119 203 (3G1,0)
=EB3+ET4-W7	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET4-W8	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET4-W9	1	Data lines at plug-in connector, 3X0.34	UNITRONIC Sensor FD UL/CSA	LAPP	LAPP.7038 864 (3X0,34)
=EB3+ET4-X1	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET4-X1	7	Universal terminal with screw-type connection	UT 6	PXC	PXC.3044131
=EB3+ET4-X1	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET4-X1	3	Protective conductor terminal	UT 6-PE	PXC	PXC.3044157
=EB3+ET4-X1	1	Isolating terminal, with test plug screws on both sides	UT 4-HEDI BU	PXC	PXC.3046456
=EB3+ET4-X1	3	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET4-X1	1	Protective conductor terminal with spring-cage connection	ST 2,5-PE	PXC	PXC.3031238
=EB3+ET4-X1	1	End cover	D-ST 2,5	PXC	PXC.3030417
=EB3+ET4-X2	1	Terminal strip marking	KLM 3	PXC	PXC.0811969
=EB3+ET4-X2	7	Feed-through terminal with spring-cage connection	ST 2,5	PXC	PXC.3031212
=EB3+ET4-X2	2	End bracket	CLIPFIX 35-5	PXC	PXC.3022276
=EB3+ET4-X2	1	Protective conductor terminal with spring-cage connection	ST 2,5-PE	PXC	PXC.3031238
=EB3+ET4-X2	1	End cover	D-ST 2,5	PXC	PXC.3030417
=EB3+ET4-XA1	0				
=EB3+ET4-XS1	1	Female insert, 3-pole + PE	09 20 003 2711	HAR	HAR.09 20 003 2711
=EB3+ET4-XS1	1	Metal sleeve housing	09 30 006 1541	HAR	HAR.09 30 006 1541
=EB3+ET4-XS1	1	Skintop screw connection STR 16	SKINTOP STR	LAPP	LAPP.5301 5140 (PG16)
=EB3+ET4-XS2	1	Male insert, 3-pole + PE	09 20 003 2611	HAR	HAR.09 20 003 2611
=EB3+ET4-XS2	1	Metal base housing	09 30 006 2256	HAR	HAR.09 30 006 2256
=EB3+ET4-XS2	1	Skintop screw connection STR 16	SKINTOP STR	LAPP	LAPP.5301 5140 (PG16)
=EB3+ET4-Y1	0				
=EB3+ET4-Y2	0				

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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET3-W8 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Workpiece fixed 1 Data lines at plug-in connector, 3X0.34	=EB3+ET3/2.6	
=EB3+ET3-W9 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Workpiece fixed 2 Data lines at plug-in connector, 3X0.34	=EB3+ET3/2.8	
=EB3+ET3-X1 PXC.0811969 KLM 3	Power Terminal strip marking	=EB3+ETA/2.5	
=EB3+ET3-X1 PXC.3044131 UT 6	Power supply Workstation 2 Universal terminal with screw-type connection	=EB3+ET1/3.4	1
=EB3+ET3-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.4	2
=EB3+ET3-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.5	3
=EB3+ET3-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.5	4
=EB3+ET3-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/3.5	PE
=EB3+ET3-X1 PXC.3044131 UT 6	Robot 2 Universal terminal with screw-type connection	=EB3+ET3/1.1	6
=EB3+ET3-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET3/1.1	7
=EB3+ET3-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET3/1.2	8
=EB3+ET3-X1 PXC.3046456 UT 4-HEDI BU	= Isolating terminal, with test plug screws on both sides	=EB3+ET3/1.2	9
=EB3+ET3-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET3/1.2	PE
=EB3+ET3-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET3/1.2	PE
=EB3+ET3-X1 PXC.3031212 ST 2,5	Conveyor belt drive 2 Feed-through terminal with spring-cage connection	=EB3+ET3/1.3	12
=EB3+ET3-X1 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET3/1.4	13
=EB3+ET3-X1 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET3/1.4	14
=EB3+ET3-X1 PXC.3031238 ST 2,5-PE	= Protective conductor terminal with spring-cage connection	=EB3+ET3/1.4	PE

Device tag list

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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET3-X2 PXC.0811969 KLM 3	Control voltage Terminal strip marking	=EB3+ETA/2.5	
=EB3+ET3-X2 PXC.3031212 ST 2,5	Distribution 24V DC Feed-through terminal with spring-cage connection	=EB3+ET1/1.5	1
=EB3+ET3-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/1.7	2
=EB3+ET3-X2 PXC.3031212 ST 2,5	Control voltage on Feed-through terminal with spring-cage connection	=EB3+ET1/2.6	3
=EB3+ET3-X2 PXC.3031212 ST 2,5	Emergency stop Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	4
=EB3+ET3-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	5
=EB3+ET3-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	6
=EB3+ET3-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	7
=EB3+ET3-X2 PXC.3031238 ST 2,5-PE	Distribution 24V DC Protective conductor terminal with spring-cage connection	=EB3+ET1/1.8	PE

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET3-XA1	Robot 2	=EB3+ET3/1.1	L1 L2 L3 N PE
=EB3+ET3-XS1 HAR.09 20 003 2711 09 20 003 2711	Female insert, 3-pole + PE		
=EB3+ET3-XS1 HAR.09 20 003 2611 09 20 003 2611	Male insert, 3-pole + PE		
=EB3+ET3-Y1	Workpiece fixed 1 (Stretch)	=EB3+ET3/3.3	x1 x2
=EB3+ET3-Y2	Workpiece fixed 2 (Release)	=EB3+ET3/3.6	x1 x2
=EB3+ET4		=EB3+ET4 (BR4)	
=EB3+ET4-A0 PXC.2862246 IL PB BK DP/V1-PAC	STATION 3	=EB3+ET4/2.0	
=EB3+ET4-A1 PXC.2861221 IB IL 24 DI 2 PAC		=EB3+ET4/2.2	
=EB3+ET4-A2 PXC.2861221 IB IL 24 DI 2 PAC		=EB3+ET4/2.6	

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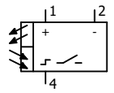
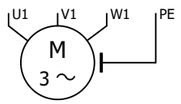
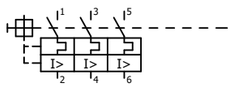
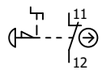
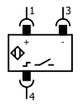
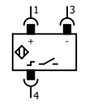
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET4-A3 PXC.2861331 IB IL 24 PWR IN-PAC		=EB3+ET4/3.0	
=EB3+ET4-A4 PXC.2861470 IB IL 24 DO 2 PAC		=EB3+ET4/3.1	
=EB3+ET4-A5 PXC.2861470 IB IL 24 DO 2 PAC		=EB3+ET4/3.5	
=EB3+ET4-B1 SICK.1016931 WT 24-2B 210	Reflex photoelectric proximity switch	=EB3+ET4/2.4	
=EB3+ET4-K1 SIE.3RT1024-1BB44-3MA0 3RT1024-1BB44-3MA0	Conveyor belt ON Contactor	=EB3+ET4/3.2	
=EB3+ET4-M1 SEW.DV112M4 DV112M4	Conveyor belt drive 3 Three-phase motor	=EB3+ET4/1.3	
=EB3+ET4-Q1 SIE.3RV1021-1JA15 3RV1021-1JA15	= Motor overload switch	=EB3+ET4/1.3	
=EB3+ET4-S1 PILZ.400410 PITestop Set 1.1	Emergency stop Emergency stop pushbutton PITestop	=EB3+ET1/2.1	
=EB3+ET4-S2 SIE.3RG4012-3AG01 3RG4012-3AG01	 Proximity switch (NO contact)	=EB3+ET4/2.6	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET4-S3 SIE.3RG4012-3AG01 3RG4012-3AG01	 Proximity switch (NO contact)	=EB3+ET4/2.8	
=EB3+ET4-U32 AE 1050.500 AE 1050.500	 AE 1050.500 500/500/210	=EB3+ET4 (BR4.S4)	
=EB3+ET4-U33 KK6040 KK6040	 Cable duct 60x40	=EB3+ET4 (BR4.S4)	
=EB3+ET4-U34 KK6040 KK6040	 Cable duct 60x40	=EB3+ET4 (BR4.S4)	
=EB3+ET4-U35 KK6040 KK6040	 Cable duct 60x40	=EB3+ET4 (BR4.S4)	
=EB3+ET4-U36 KK6040 KK6040	 Cable duct 60x40	=EB3+ET4 (BR4.S4)	
=EB3+ET4-U37 KK6040 KK6040	 Cable duct 60x40	=EB3+ET4 (BR4.S4)	
=EB3+ET4-U38 TS 35_15 TS 35_15	 Mounting rail EN 50 022 (35x15)	=EB3+ET4 (BR4.S4)	
=EB3+ET4-U39 TS 35_15 TS 35_15	 Mounting rail EN 50 022 (35x15)	=EB3+ET4 (BR4.S4)	

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET4-A3 - =EB3+ET4-U39		= REPORT
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Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET4-U40 KK3025 KK3025	 Cable duct 30x25	=EB3+ET4 (BR4.S4)	
=EB3+ET4-W1 LAPP.0035 0133 (5G4) ÖLFLEX CLASSIC 100 CY	Robot 3 Control line, 5G4.0	=EB3+ETA/3.7	
=EB3+ET4-W2 LAPP.0019 946 (4G2,5) ÖLFLEX CLASSIC 110 H	Conveyor belt drive 3 Control line halogen free, 4G2.5	=EB3+ETA/3.8	
=EB3+ET4-W3 LAPP.0019 946 (4G2,5) ÖLFLEX CLASSIC 110 H	= Control line halogen free, 4G2.5	=EB3+ETA/3.8	
=EB3+ET4-W5 LAPP.1119 203 (3G1,0) ÖLFLEX CLASSIC 110	Workpiece fixed 1 (Stretch) Control line, 3G1.0	=EB3+ET4/3.3	
=EB3+ET4-W6 LAPP.1119 203 (3G1,0) ÖLFLEX CLASSIC 110	Workpiece fixed 2 (Release) Control line, 3G1.0	=EB3+ET4/3.6	
=EB3+ET4-W7 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Conveyor belt in use Data lines at plug-in connector, 3X0.34	=EB3+ET4/2.4	
=EB3+ET4-W8 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Workpiece fixed 1 Data lines at plug-in connector, 3X0.34	=EB3+ET4/2.6	
=EB3+ET4-W9 LAPP.7038 864 (3X0,34) UNITRONIC Sensor FD UL/CSA	Workpiece fixed 2 Data lines at plug-in connector, 3X0.34	=EB3+ET4/2.8	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET4-X1 PXC.0811969 KLM 3	Power Terminal strip marking	=EB3+ETA/2.7	
=EB3+ET4-X1 PXC.3044131 UT 6	Power supply Workstation 3 Universal terminal with screw-type connection	=EB3+ET1/3.7	1
=EB3+ET4-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.7	2
=EB3+ET4-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.8	3
=EB3+ET4-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET1/3.8	4
=EB3+ET4-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET1/3.8	PE
=EB3+ET4-X1 PXC.3044131 UT 6	Robot 3 Universal terminal with screw-type connection	=EB3+ET4/1.1	6
=EB3+ET4-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET4/1.1	7
=EB3+ET4-X1 PXC.3044131 UT 6	= Universal terminal with screw-type connection	=EB3+ET4/1.2	8

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET4-U40 - =EB3+ET4-X1		= REPORT
			Ed.	EPL					+ PART_STKL
			Appr.		Sample project			EPLAN DEMO	Page 29
Modification	Date	Name	Original		Replacement of	Replaced by			Page 161 / 167

Device tag list

F03_001

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET4-X1 PXC.3046456 UT 4-HEDI BU	Robot 3 Isolating terminal, with test plug screws on both sides	=EB3+ET4/1.2	9
=EB3+ET4-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET4/1.2	PE
=EB3+ET4-X1 PXC.3044157 UT 6-PE	= Protective conductor terminal	=EB3+ET4/1.2	PE
=EB3+ET4-X1 PXC.3031212 ST 2,5	Conveyor belt drive 3 Feed-through terminal with spring-cage connection	=EB3+ET4/1.3	12
=EB3+ET4-X1 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET4/1.4	13
=EB3+ET4-X1 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET4/1.4	14
=EB3+ET4-X1 PXC.3031238 ST 2,5-PE	= Protective conductor terminal with spring-cage connection	=EB3+ET4/1.4	PE
=EB3+ET4-X2 PXC.0811969 KLM 3	Control voltage Terminal strip marking	=EB3+ETA/2.7	
=EB3+ET4-X2 PXC.3031212 ST 2,5	Distribution 24V DC Feed-through terminal with spring-cage connection	=EB3+ET1/1.6	1

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET4-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/1.7	2
=EB3+ET4-X2 PXC.3031212 ST 2,5	Control voltage on Feed-through terminal with spring-cage connection	=EB3+ET1/2.6	3
=EB3+ET4-X2 PXC.3031212 ST 2,5	Emergency stop Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	4
=EB3+ET4-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	5
=EB3+ET4-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	6
=EB3+ET4-X2 PXC.3031212 ST 2,5	= Feed-through terminal with spring-cage connection	=EB3+ET1/2.1	7
=EB3+ET4-X2 PXC.3031238 ST 2,5-PE	Distribution 24V DC Protective conductor terminal with spring-cage connection	=EB3+ET1/1.8	PE
=EB3+ET4-XA1	Robot 3	=EB3+ET4/1.1	L1 L2 L3 N PE
=EB3+ET4-XS1 HAR.09 20 003 2711 09 20 003 2711	Female insert, 3-pole + PE		

			Date	12/17/2010	EPLAN	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET4-X1 - =EB3+ET4-XS1	= REPORT
			Ed.	EPL				+ PART_STKL
			Appr.		Sample project			EPLAN DEMO — Page 30
Modification	Date	Name	Original		Replacement of	Replaced by		Page 162 / 167

Device tag list

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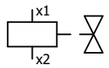
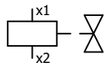
Device tag Part number Type number	Function text Article designation	X-Ref	Symbol
=EB3+ET4-XS2 HAR.09 20 003 2611 09 20 003 2611	Male insert, 3-pole + PE		
=EB3+ET4-Y1	Workpiece fixed 1 (Stretch)	=EB3+ET4/3.3	
=EB3+ET4-Y2	Workpiece fixed 2 (Release)	=EB3+ET4/3.6	

Device tag Part number Type number	Function text Article designation	X-Ref	Symbol

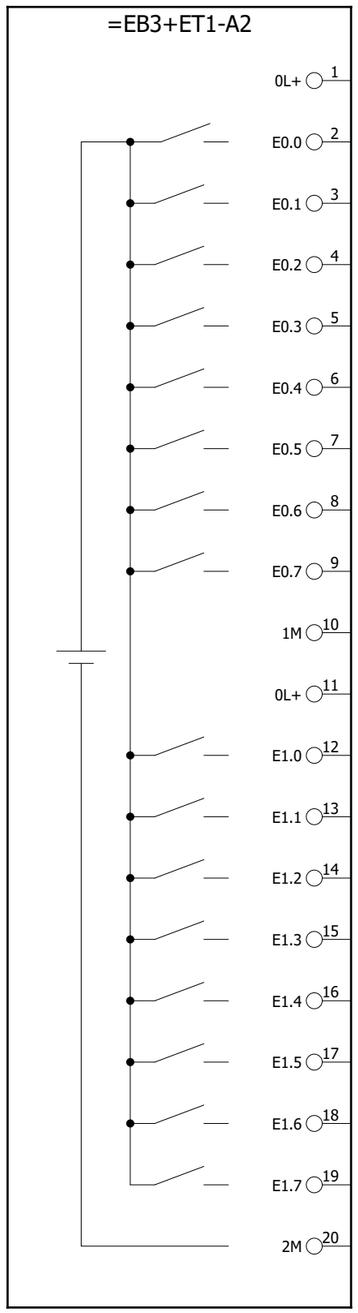
			Date	12/17/2010	EPLAN Sample project	EPLAN Software & Service GmbH & Co. KG	Device tag list : =EB3+ET4-XS2 - =EB3+ET4-Y2	= REPORT
			Ed.	EPL				+ PART_STKL
			Appr.				EPLAN DEMO	Page 31
Modification	Date	Name	Original		Replacement of	Replaced by		Page 163 / 167

PLC diagram

F19_006

Project name EPLAN-DEMO_V6.9_20210712094722

Card designation	Address	Placement	Symbolic address	Function text	Device tag actuator / sensor



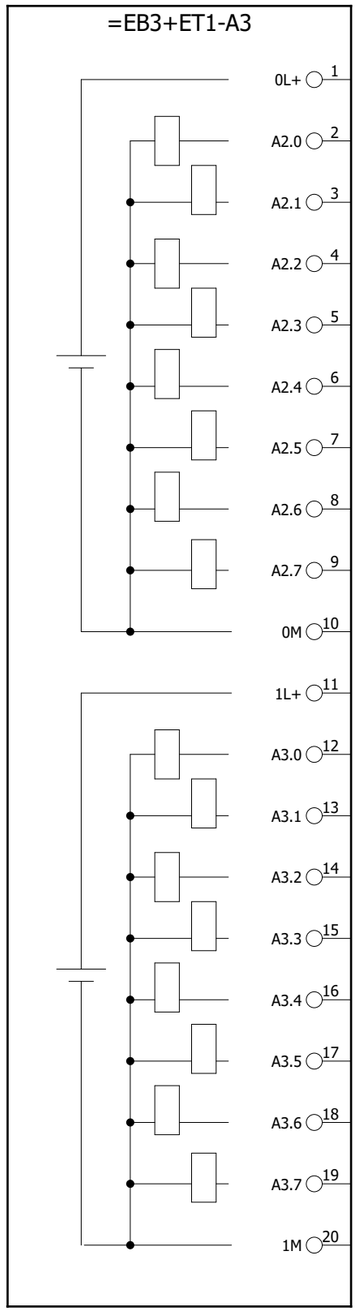
=EB3+ET1-A6:14	Control voltage on	
=EB3+ET1-S3:14	Conveyor belt 1 on	-S3
=EB3+ET1-S4:22	Conveyor belt 1 off	-S4
=EB3+ET1-S5:14	Conveyor belt 2 on	-S5
=EB3+ET1-S6:22	Conveyor belt 2 off	-S6
=EB3+ET1-S7:14	Conveyor belt 3 on	-S7
=EB3+ET1-S8:22	Conveyor belt 3 off	-S8
=EB3+ET1-X3:10	Spare	
=EB3+ET1-S9:12	Pneumatics on	-S9
=EB3+ET1-X3:16	Spare	
=EB3+ET1-X3:17	=	
=EB3+ET1-X3:18	=	
=EB3+ET1-X3:19	=	
=EB3+ET1-X3:20	=	
=EB3+ET1-X3:21	=	
=EB3+ET1-X3:22	=	

PLC diagram

F19_007

Project name EPLAN-DEMO_V6.9_20210712094722

Card designation	Address	Placement	Symbolic address	Function text	Device tag actuator / sensor



=EB3+ET1-H2:X1	Conveyor belt 1 on	-H2	
=EB3+ET1-H3:X1	Conveyor belt 1 malfunction	-H3	
=EB3+ET1-H4:X1	Conveyor belt 2 on	-H4	
=EB3+ET1-H5:X1	Conveyor belt 2 malfunction	-H5	
=EB3+ET1-H6:X1	Conveyor belt 3 on	-H6	
=EB3+ET1-H7:X1	Conveyor belt 3 malfunction	-H7	
=EB3+ET1-H8:X1	Pneumatics on	-H8	
=EB3+ET1-X4:12	Spare		
=EB3+ET1-X4:15	Spare		
=EB3+ET1-X4:16	=		
=EB3+ET1-X4:17	=		
=EB3+ET1-X4:18	=		
=EB3+ET1-X4:19	=		
=EB3+ET1-X4:20	=		
=EB3+ET1-X4:21	=		
=EB3+ET1-X4:22	=		

PLC card overview

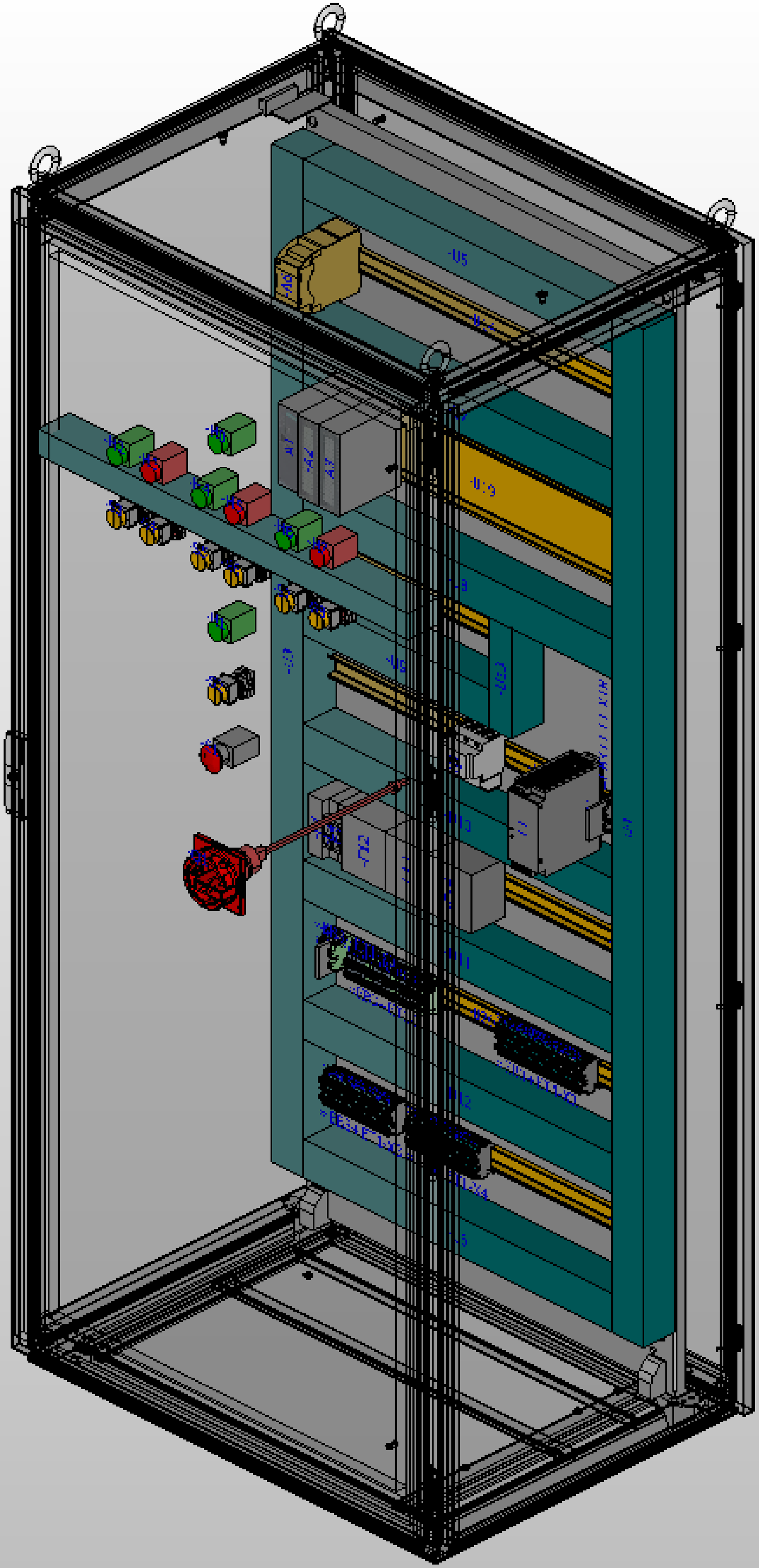
F20_002

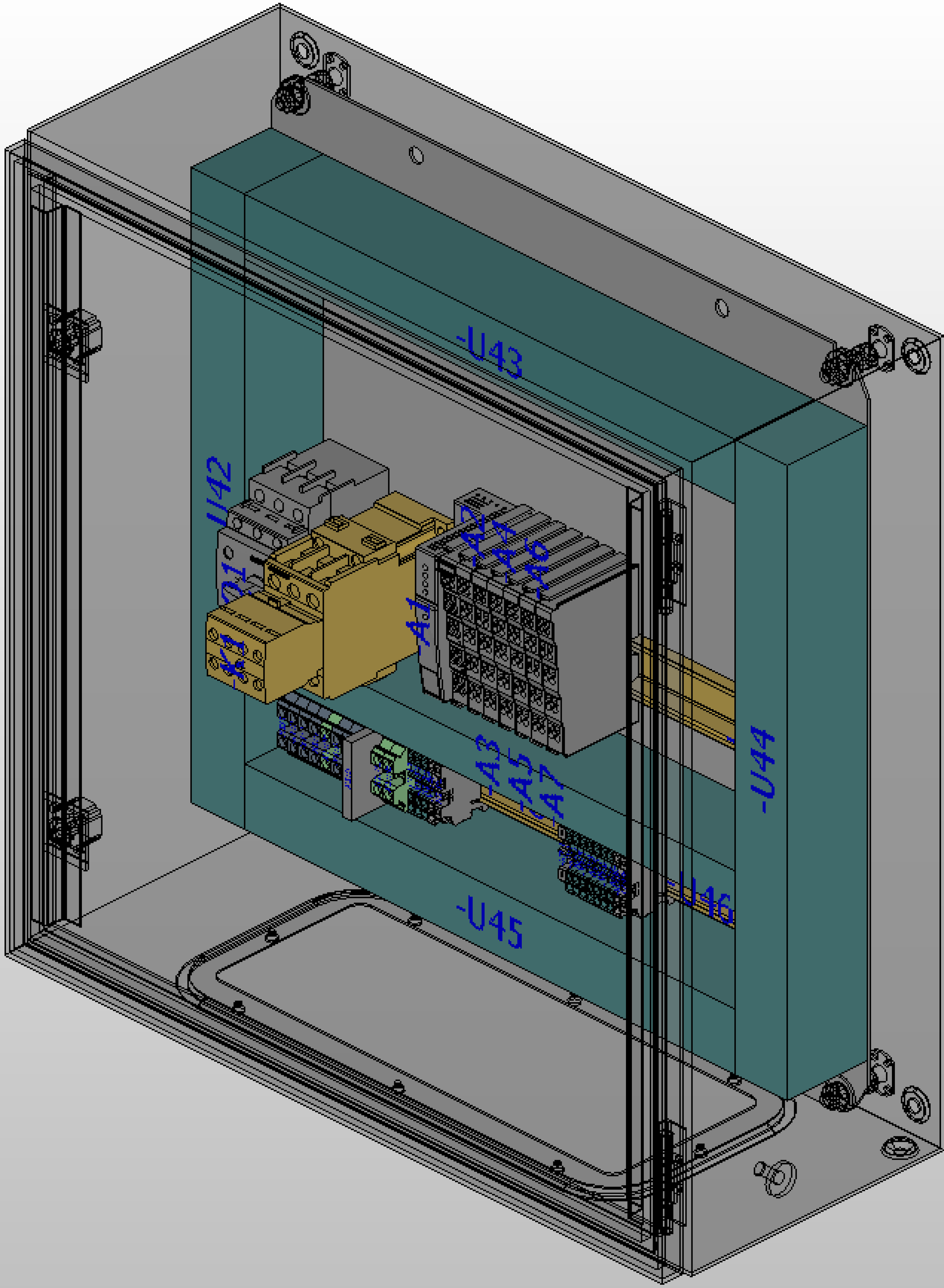
Device tag PLC	Workstation name Workstation type	Is master Slave is appended to master	Rack Module	CPU	Manufacturer
=EB3+ET1-A1	Station 300 S7300	DP Master	2		SIEMEN
=EB3+ET1-A2	Station 300		0 4		SIEMEN
=EB3+ET1-A3	Station 300		0 5		SIEMEN
=EB3+ET2-A1	Station 300	DP Master			BECK
=EB3+ET2-A2	Station 300		3 1		BECK
=EB3+ET2-A3	Station 300		3 2		BECK
=EB3+ET2-A4	Station 300		3 3		BECK
=EB3+ET2-A5	Station 300		3 4		BECK
=EB3+ET2-A6	Station 300		3 5		BECK
=EB3+ET2-A7	Station 300		3 6		BECK
=EB3+ET3-A0	Station 300	DP Master			SIEMEN
=EB3+ET3-A1	Station 300		4 1		SIEMEN
=EB3+ET3-A2	Station 300		4 2		SIEMEN
=EB3+ET3-A3	Station 300		4 3		SIEMEN
=EB3+ET3-A4	Station 300		4 4		SIEMEN
=EB3+ET3-A5	Station 300		4 5		SIEMEN
=EB3+ET3-A6	Station 300		4 6		SIEMEN
=EB3+ET4-A0	Station 300	DP Master			PXC
=EB3+ET4-A1	Station 300		5 1		PXC

PLC card overview

F20_002

Device tag PLC	Workstation name Workstation type	Is master Slave is appended to master	Rack Module	CPU	Manufacturer
=EB3+ET4-A2	Station 300		5 2		PXC
=EB3+ET4-A3	Station 300		5 3		PXC
=EB3+ET4-A4	Station 300		5 4		PXC
=EB3+ET4-A5	Station 300		5 5		PXC

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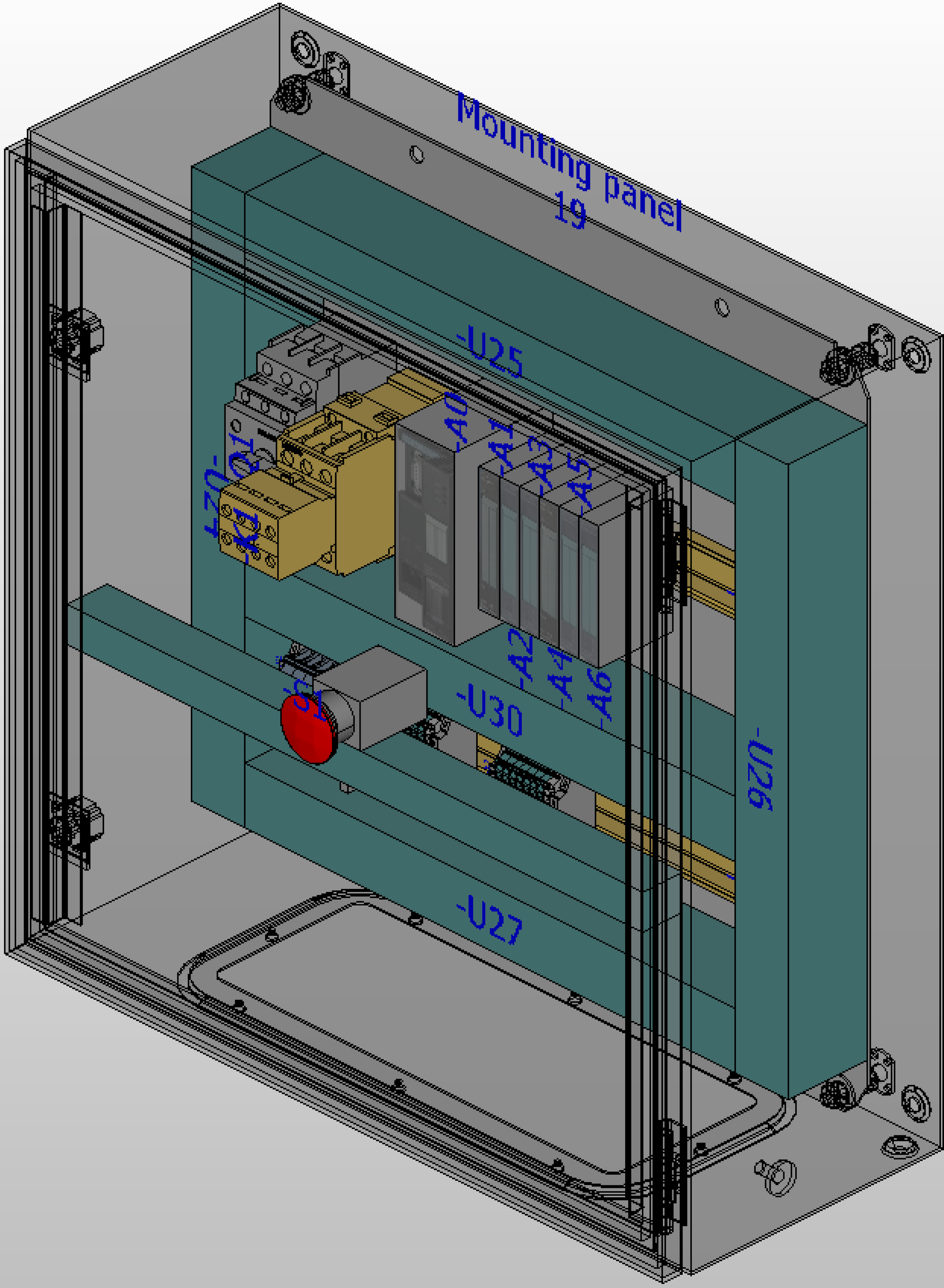
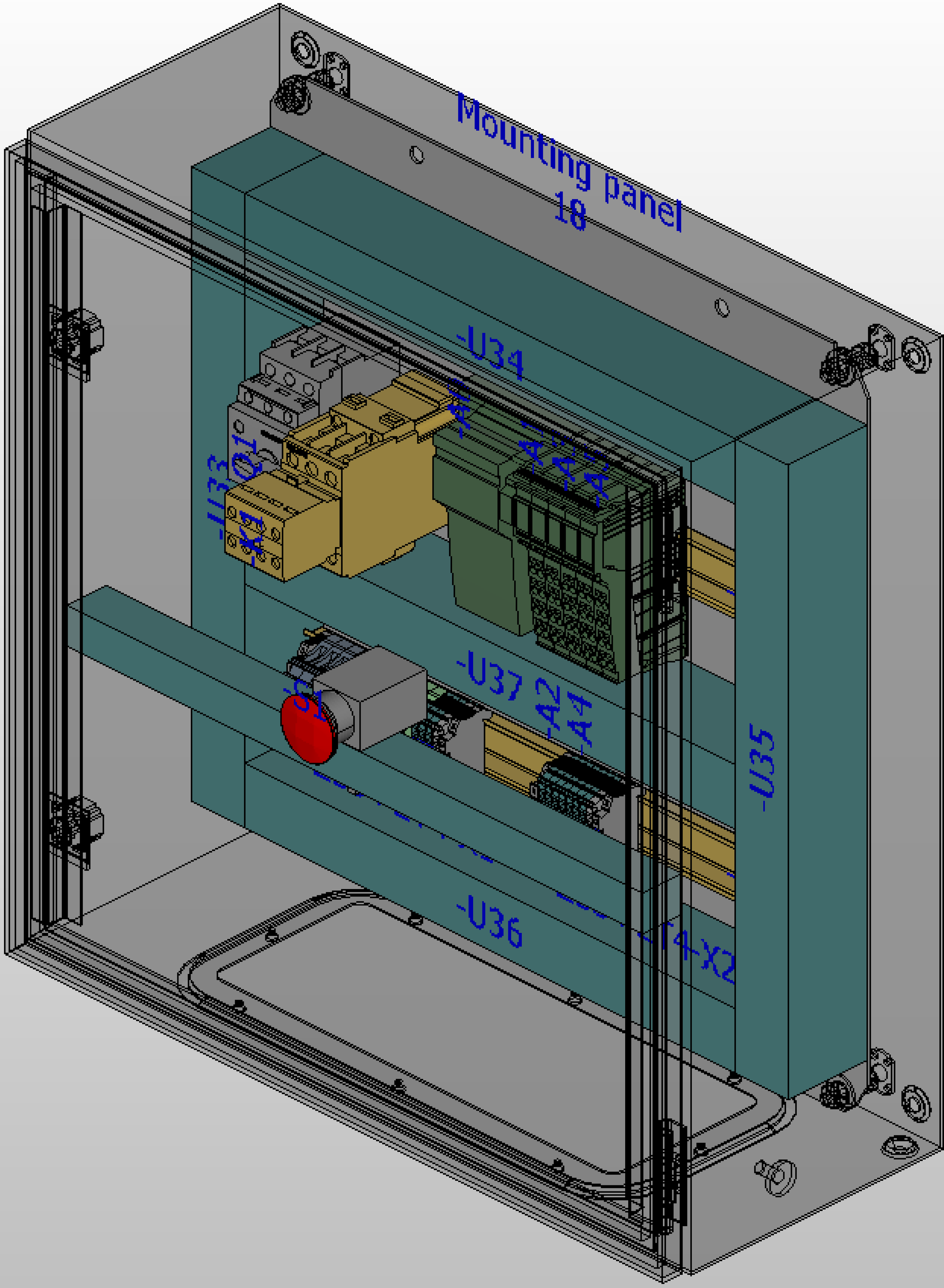
-U42
-U41
-A1
-U47
-U48
-U49
-A1
-U45
-U46
-U44


Mounting panel
19
-U25
-A42
-A41
-A46
-S1
-U30
-U27
-U26


Mounting panel
18
-U34
-U37
-S1
-U36
-U35
-X2