



BST eltromat International GmbH

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project	AS0038541 WA0019968
project description customer commission customer drawing number system(s) mounting site/machine manufacturing date	Equipment for RS 6002C Press/60836 Bobst Group ItaliaS.p.A. 60836 AS0038541_WA0019968 iPQ-View Maschine 2017
power supply max. full load current max. short curcuit current	1Ph/N/PE, 230VAC, 50-60Hz 6A 6kA
start of project responsible for project last change last user number of pages	23.08.2017 DDiekhof 04.09.2017 Dirk Diekhof 63

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EFS	VM20	C1	41	2. touch monitor		23.08.2017	Dirk Diekhof	
EFS	VM20	C1	45	joystick		23.08.2017	Dirk Diekhof	
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EFS	VM20	C1	115	external inputs		23.08.2017	Dirk Diekhof	
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EMB			3300	Cable assignment diagram		29.08.2017	Dirk Diekhof	
EMB			3301	Cable assignment diagram		29.08.2017	Dirk Diekhof	
EMB			3302	Cable assignment diagram		29.08.2017	Dirk Diekhof	
EMB			3304	Cable assignment diagram		29.08.2017	Dirk Diekhof	

column X: a automatically generated page became manual changed

General project information

The disconnection device for the power supply to the electrical equipment delivered by BST eltromat has to be provided by the customer.
In case of emergency stop the power supply of the eltromat systems must reliably be switched off by the customer.
BST eltromat will provide system switches for the delivered systems.

Identification of conductors (EN 60204-1 / 13.2.4)

Main circuit AC/DC : black (BK)
Control circuit 230 V AC : red (RD)
Control circuit DC up to 50 V : blue (BU)
Excepted circuits (chapt. 5.3.5): orange (OG)
Neutral conductors : light blue (BU)
Protective conductors : green/yellow (GNYE)

Conductors, cables and circuits (EN 60204-1 / 12)

In general:
All used conductors should be made of copper. Basic insulating material should be PVC having a temperature stability of at least 75° C and should be suitable for a test voltage of not less than 2000 V AC.

Minimum cross-section for main circuits : 0,75 mm²
Minimum cross-section for control circuits: 0,5 mm²

As well the insulation of all cables combined in installation ducts must be suitable for the highest possible voltage, preferably 500 V.

Conductor cross-section :
Based on a max. ampacity for conductors and cables, we consider an ambient temperature of 40° C, classification B1/B2 and following table:

mm²	[B1]	[B2]	mm²	[B1]	[B2]
1,5	13,5 A	13,1 A	25	77 A	70 A
2,5	18,3 A	17,4 A	35	96 A	86 A
4	24,0 A	23,0 A	50	117 A	103 A
6	31,0 A	30,0 A	70	149 A	130 A
10	44,0 A	40,0 A	95	180 A	156 A
16	59,0 A	54,0 A	120	208 A	179 A

If the circuit diagrams do not mention a conductor cross-section, the following must be considered:

Main circuit : 1,5 mm²
Control circuit : 1,0 mm²
SPS in-/outputs : 0,5 mm²

Wiring material

Wiring material for cables and conductors:

The wiring material selection depending on the max. Ampacity of the conductors has to be done by the qualified electrical person by himself.

Following materials have to be used :

Multinorm-JZ YSLY-JZ
Multinorm-JZ-CY
H07V-K
H05V-K
Datatronic-CY

Datatronic-CY can be used up to 300V AC, if higher voltages are combined in installation ducts this cable has to be installed seperately.

Main circuit/Control circuit

Main circuit :

Circuit, which supplies electrical components and control circuit with line potential.

Control circuit :

Circuit, which controls the machine and the electrical equipment.
eltromat uses SELV/PELV power supplies (usually 24V DC) to feed control circuits.

The control circuit starts at the secondary side of these power supply units.

Excepted circuits :

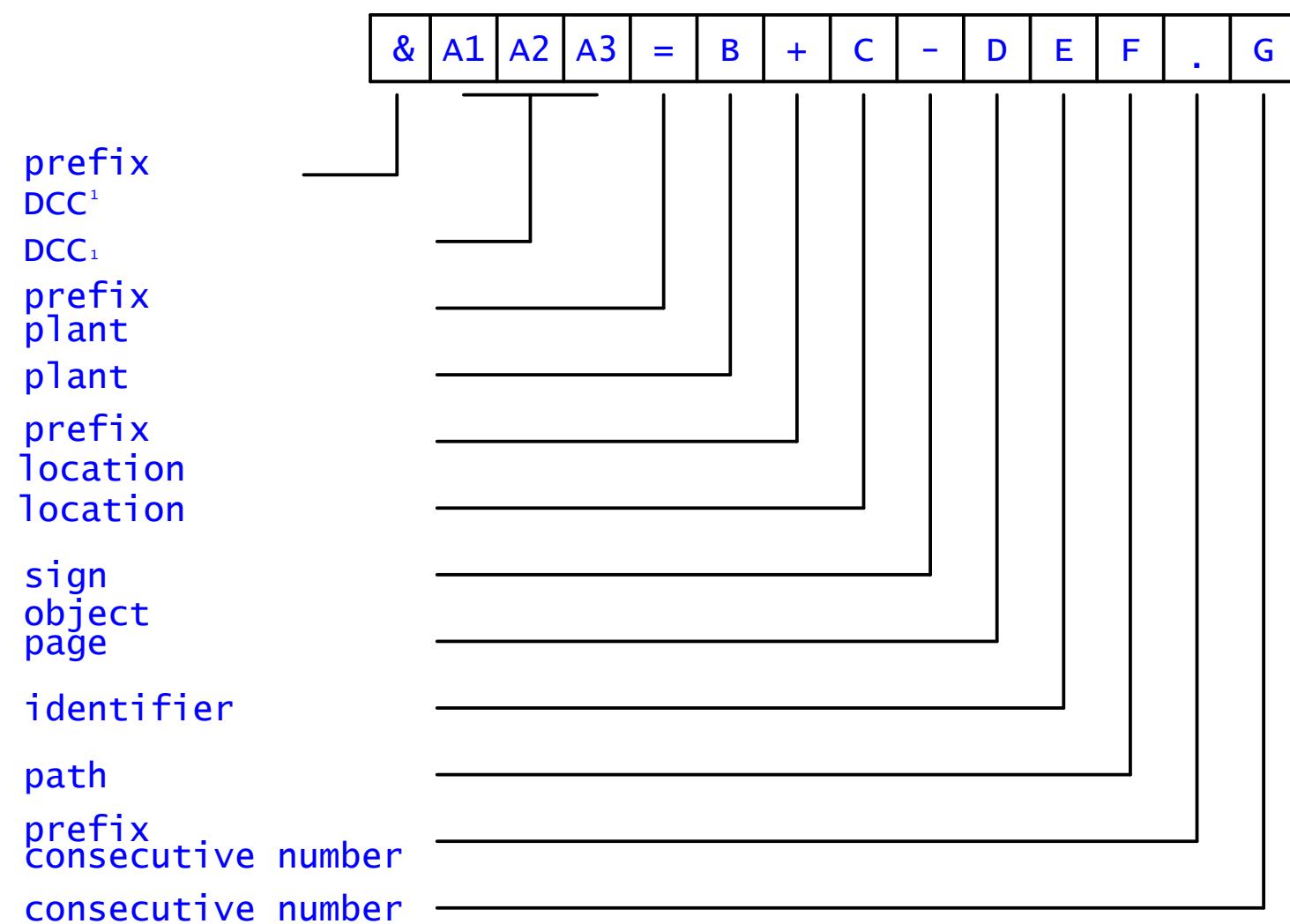
Circuits for illumination and service sockets and outlets, interlocking circuits or circuits for important machine control functions, which can still be under voltage even if the disconnection device is switched off.

Excepted circuits have to be signed according to the shown symbol.



definition of the DT

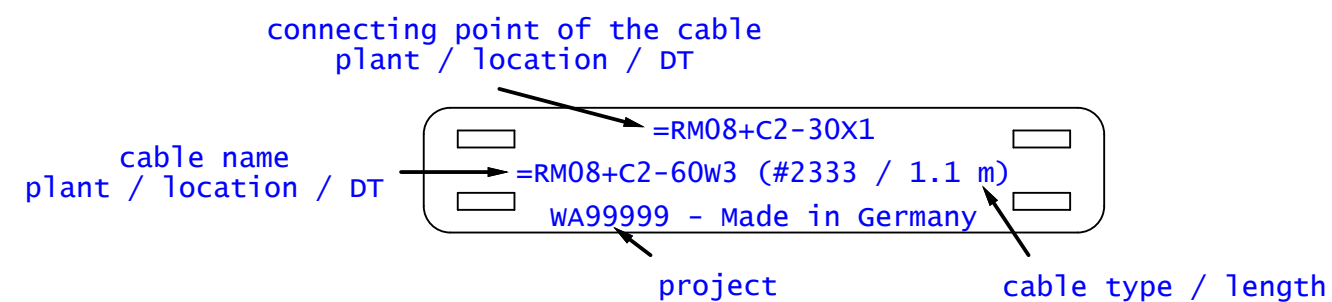
description of the cable markers

¹document-class key

example

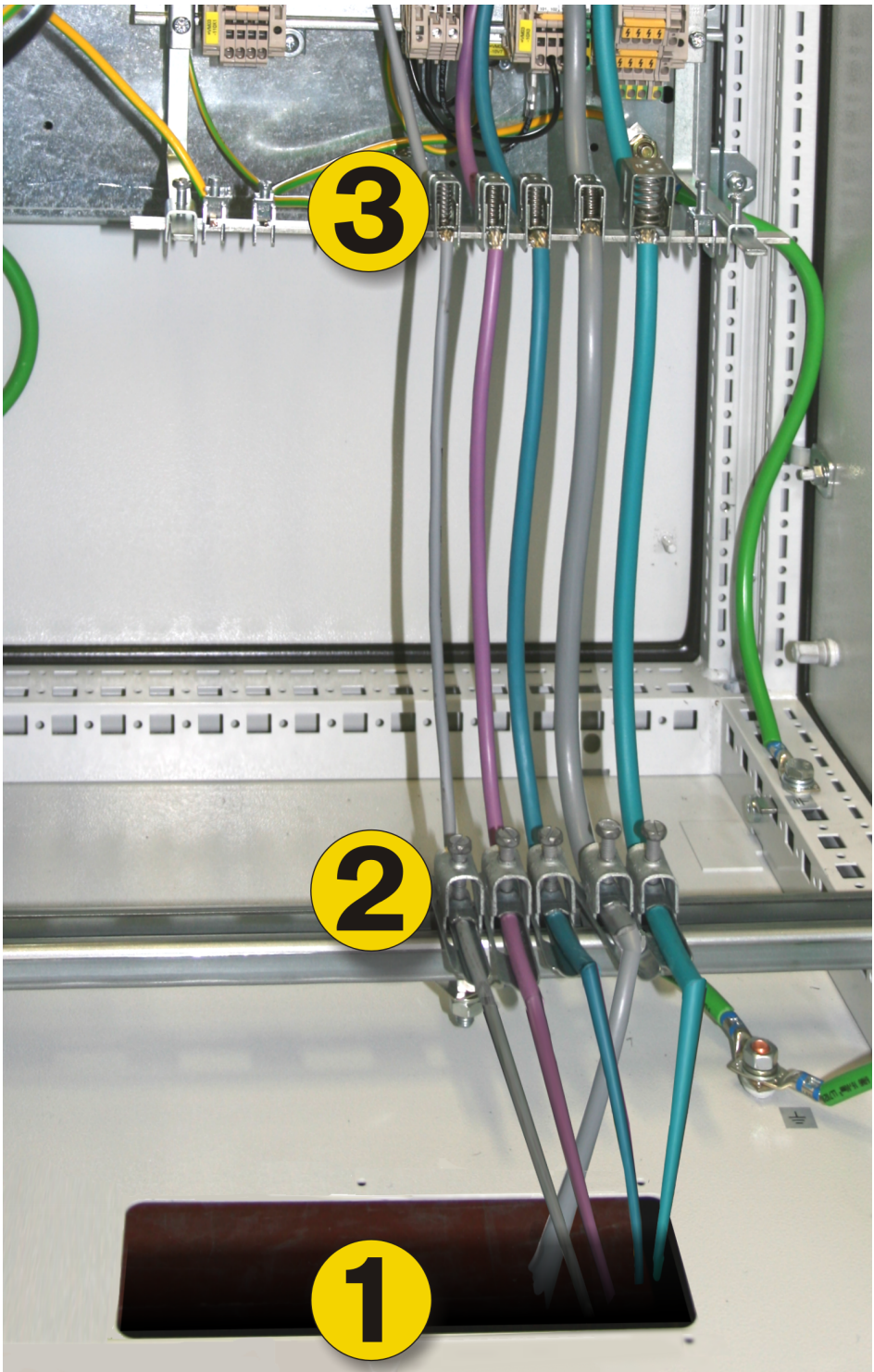
&EFS=RM08+C1-17K5.1

regi_star 20 in the console +C1, page 17, contactor,
path 5, second contactor in the current path



			date	27.04.2015	 BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project : ASO038541		structure of the reference designation		4		←
			user	WatM		drawing : ASO038541_WA0019968				→		6
			creat.	WatM		customer : Bobst Group ItaliaS.p.A.						
modification	date	name	plot			system(s) : iPQ-View		& EAC	=	+		5

Consider the following advice when installing the cables in the control cabinet:



1

Insert the cables through the cable entry in the socket of the control cabinet.

2

Fix the cables at the strain relief rail to protect the cables from mechanical stress.

3

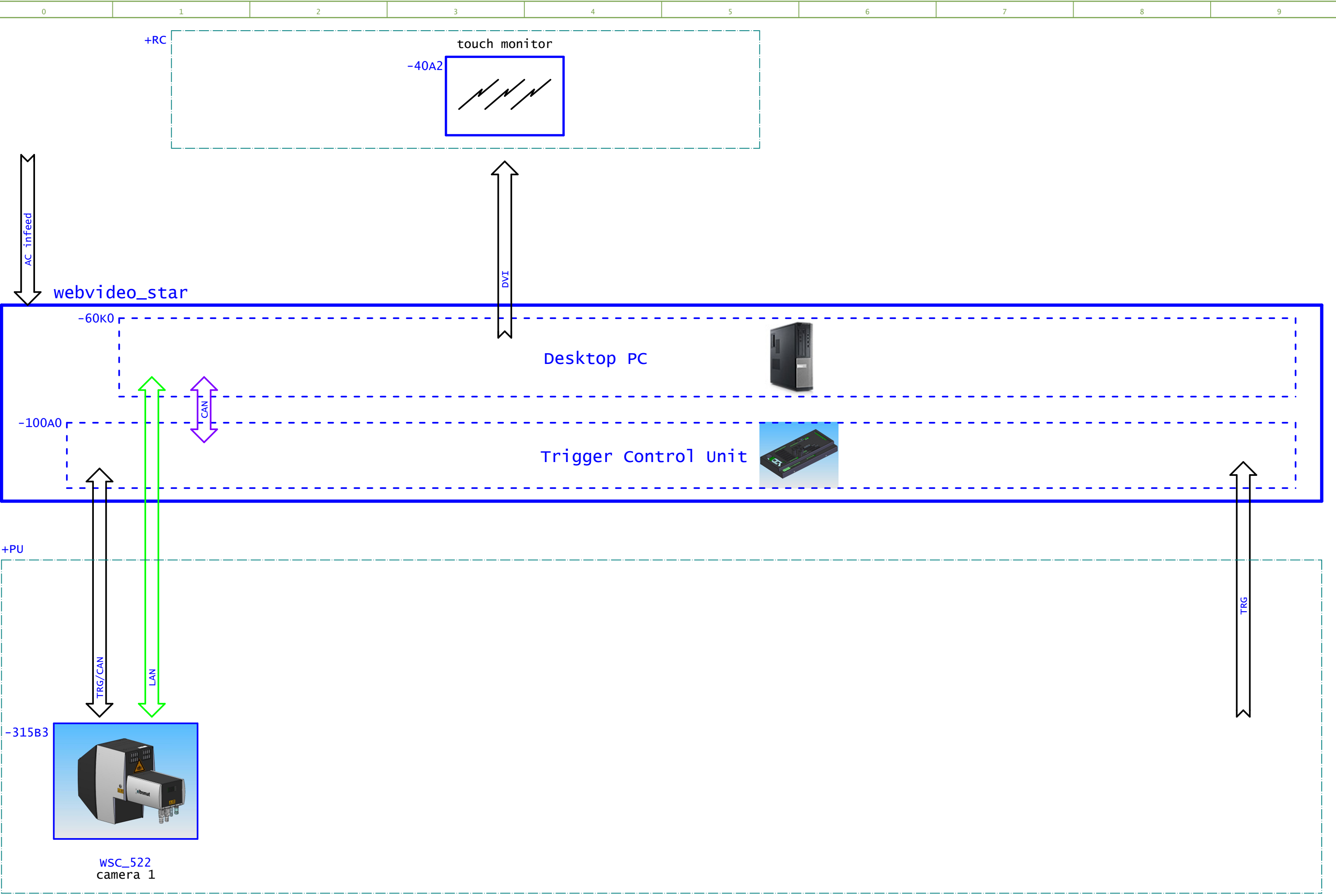
Connect the shield with the ground bar and fix it with a cable clamp.



Please observe for all cables of the system: the bending radius must not go under 5xd (d = cable diameter).

0	1	2	3	4	5	6	7	8	9												
<table><tr><td colspan="2">plant</td><td colspan="2">mounting locations</td><td colspan="2">mounting locations</td></tr><tr><td colspan="2">VM20 iPQ-View</td><td colspan="2">C1 cabinet C1 C2 cabinet C2 CUST customer general RC operation at customer´s MACH machine general PU print unit general</td><td colspan="2"></td></tr></table>										plant		mounting locations		mounting locations		VM20 iPQ-View		C1 cabinet C1 C2 cabinet C2 CUST customer general RC operation at customer´s MACH machine general PU print unit general			
plant		mounting locations		mounting locations																	
VM20 iPQ-View		C1 cabinet C1 C2 cabinet C2 CUST customer general RC operation at customer´s MACH machine general PU print unit general																			
			date	23.08.2017	 BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project :AS0038541 drawing :AS0038541_WA0019968 customer :Bobst Group ItaliaS.p.A. system(s):iPQ-View			overview plant and location identifier		8	←									
			user	Died							→	&EFA/1									
			creat.	Died																	
modification	date	name	plot					& EAC	=	+		10									

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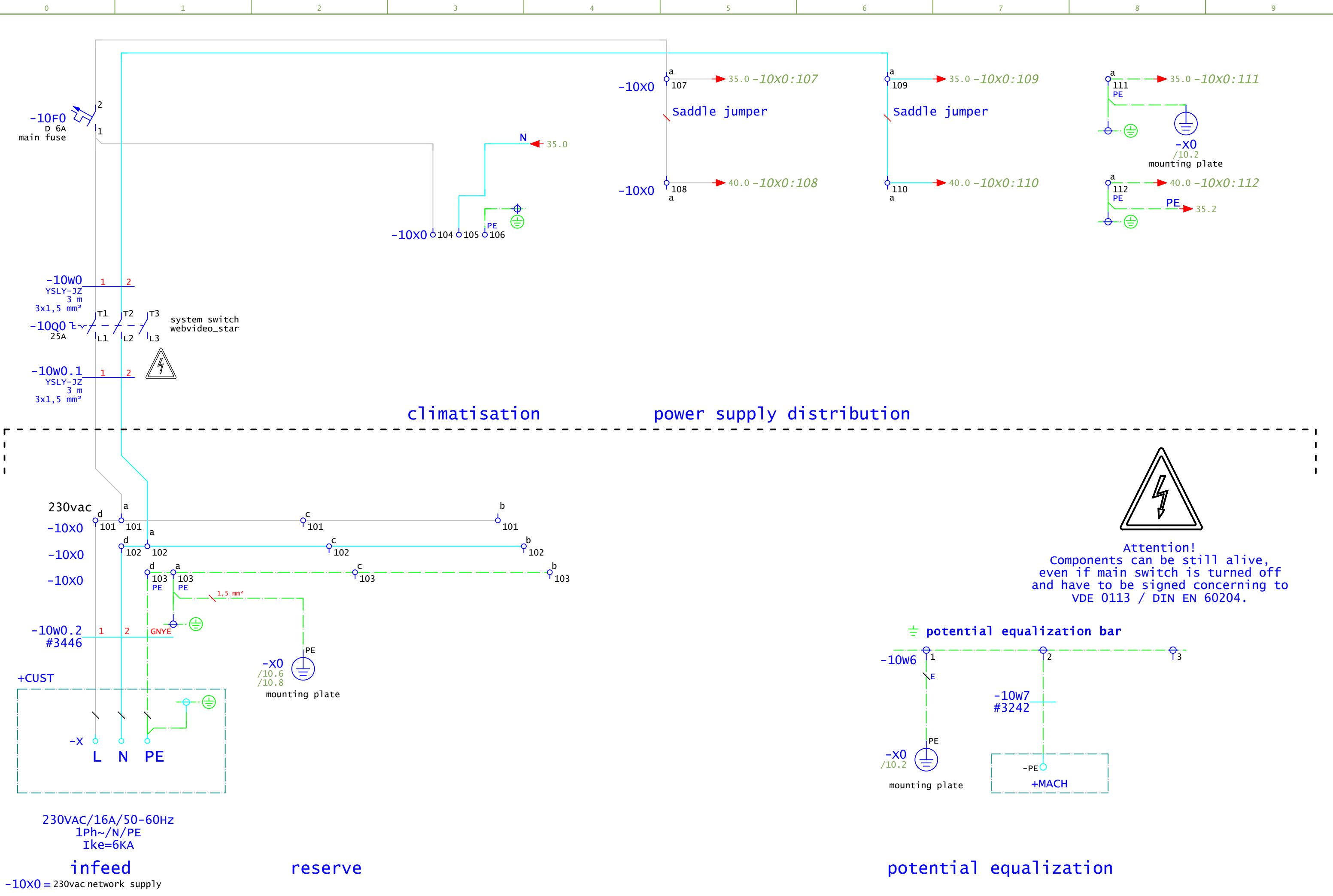


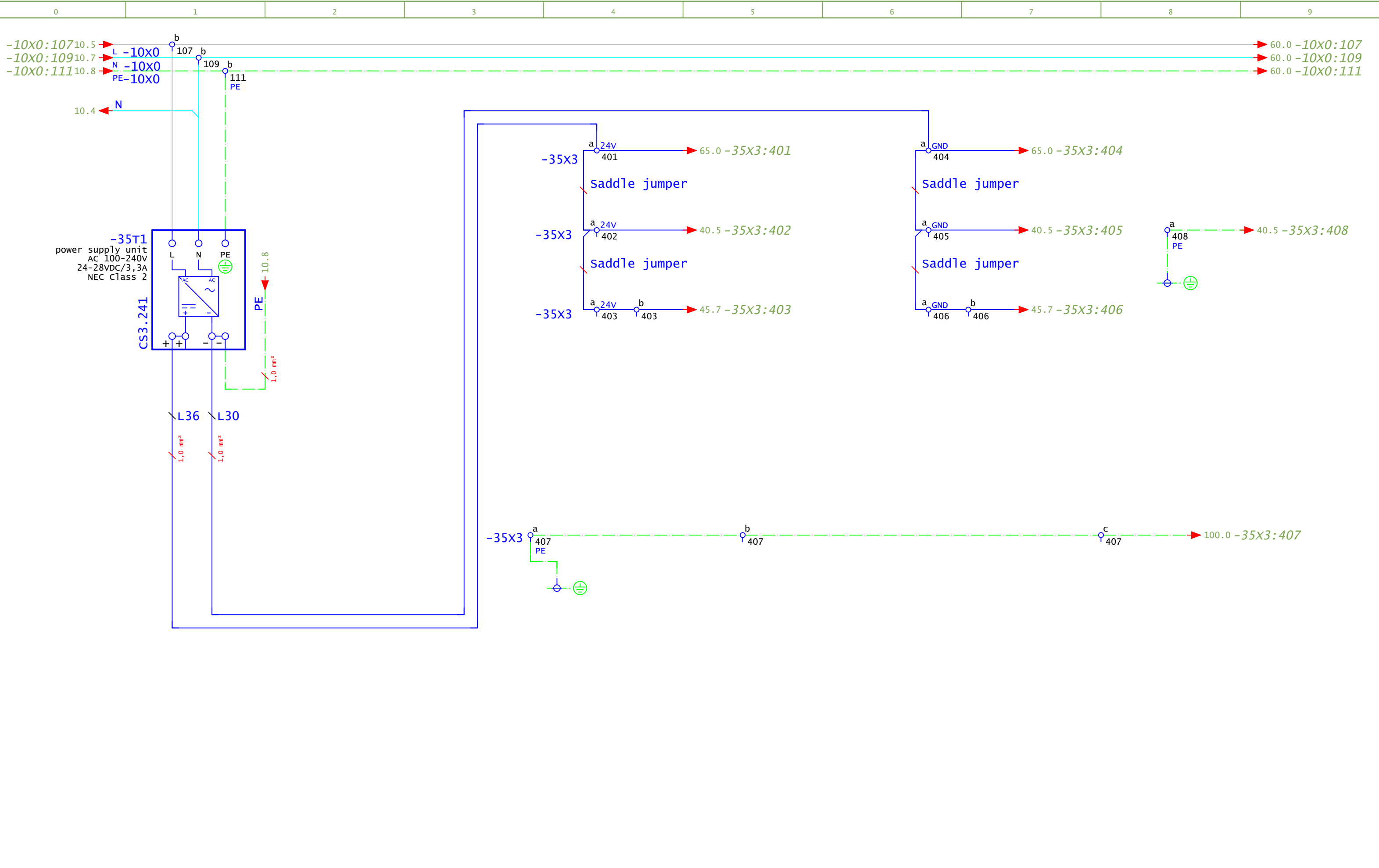
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			creat.	DieD		customer : Bobst Group Italia S.p.A.								
modification	date	name	plot			system(s) : iPQ-View					& EFA	= VM20	+ C1	10

0		1		2		3		4		5		6		7		8		9	
terminal strips- and connector overview																			
terminal strips and connector description				text of the terminal strips and connector definition						potential value				graphical page					
=VM20+C1-10X0				network supply						230vac				&EMA=VM20+C1/2					
=VM20+C1-35X3				distribution						24vdc				&EMA=VM20+C1/3					
=VM20+C1-60X9				PE time delay relais										&EMA=VM20+C1/4					

terminal diagram

function text									type	cable name	strip designation =VM20+C1-35X3						type	cable name				page/path							
											target designation	connection	terminal number	jumpers	device connection point	target designation							connection						
24vdc distribution											-35T1	+	a 401 _b				1					&EFS/35.4							
24vdc distribution																													&EFS/35.4
													a 402 _b																
24vdc distribution																													
													d 403 _b																
24vdc distribution																													
											-35T1	-	a 404 _b				2												
24vdc distribution																													
													c 404 _b																
24vdc distribution																													
													d 405 _b																
24vdc distribution																													
													a 406 _b																
24vdc distribution																													
													c 406 _b																
24vdc power supply unit																													
													a 407 _b																
													c 407 _b																
													d 407 _b																
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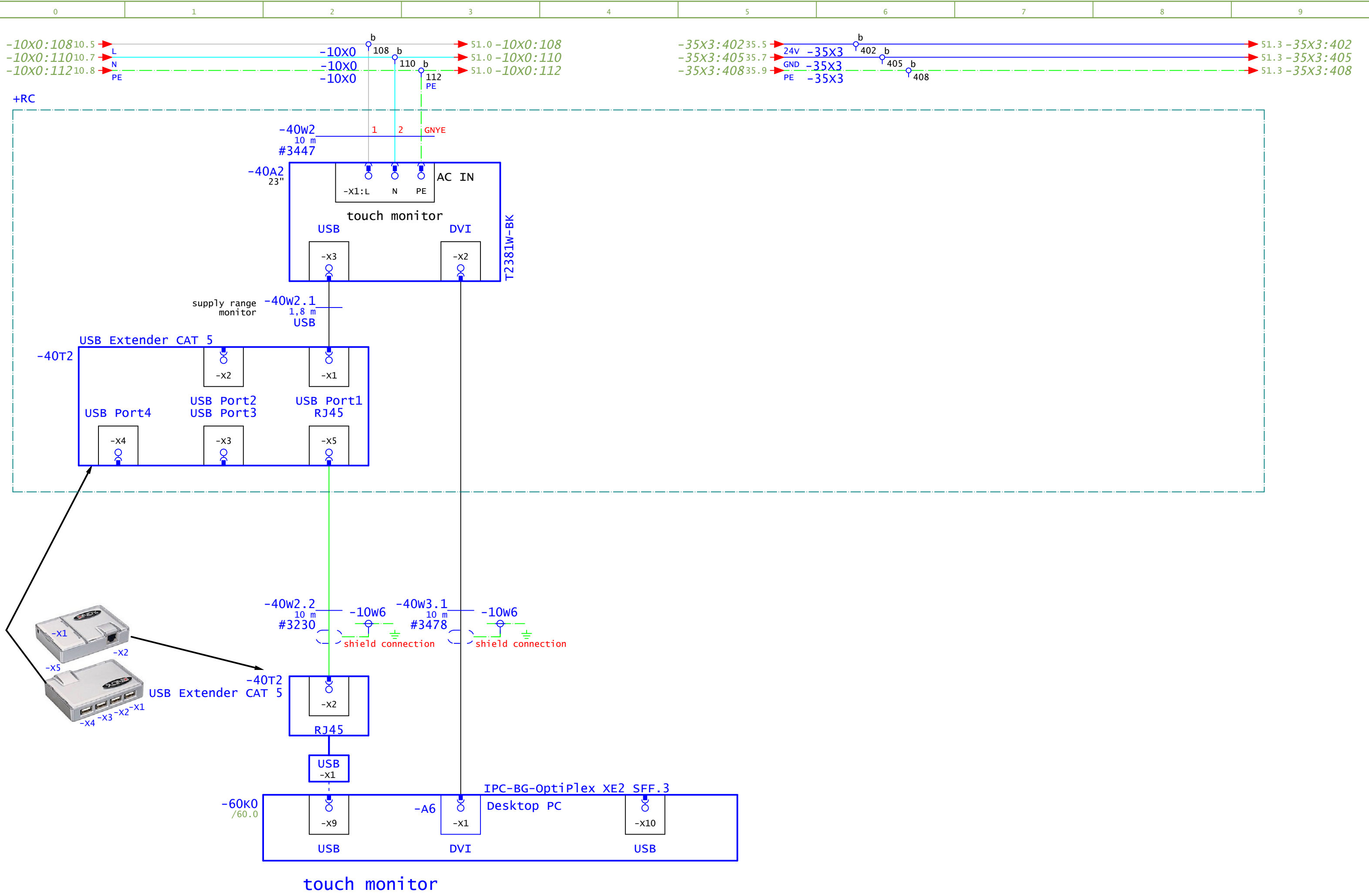




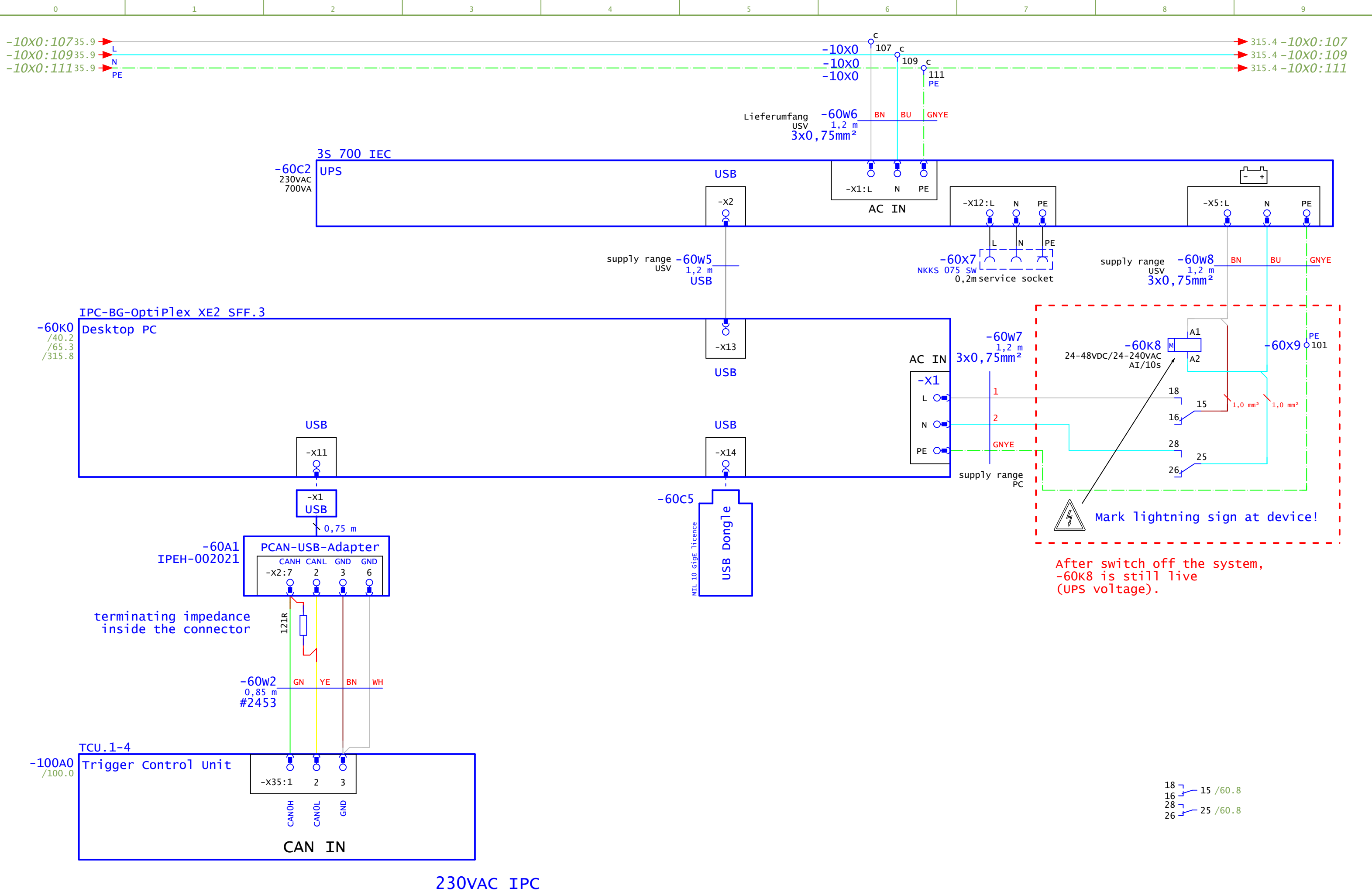
24vdc power supply unit

24vdc distribution
-35X3 = 24vdc distribution

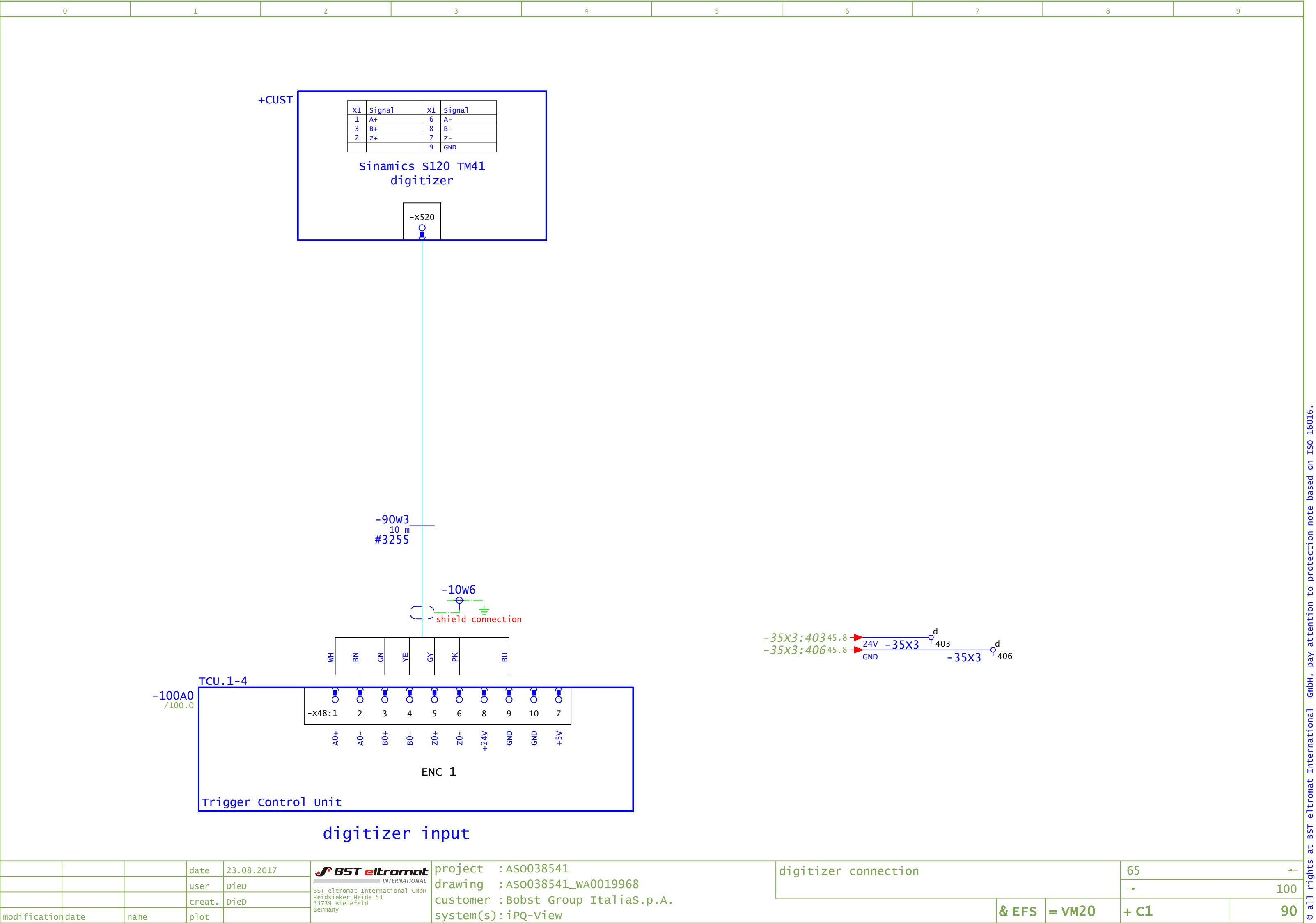
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			creat.	DieD		customer : Bobst Group ItaliaS.p.A.					
modification	date	name	plot			system(s): iPQ-View		& EFS	= VM20	+ C1	35

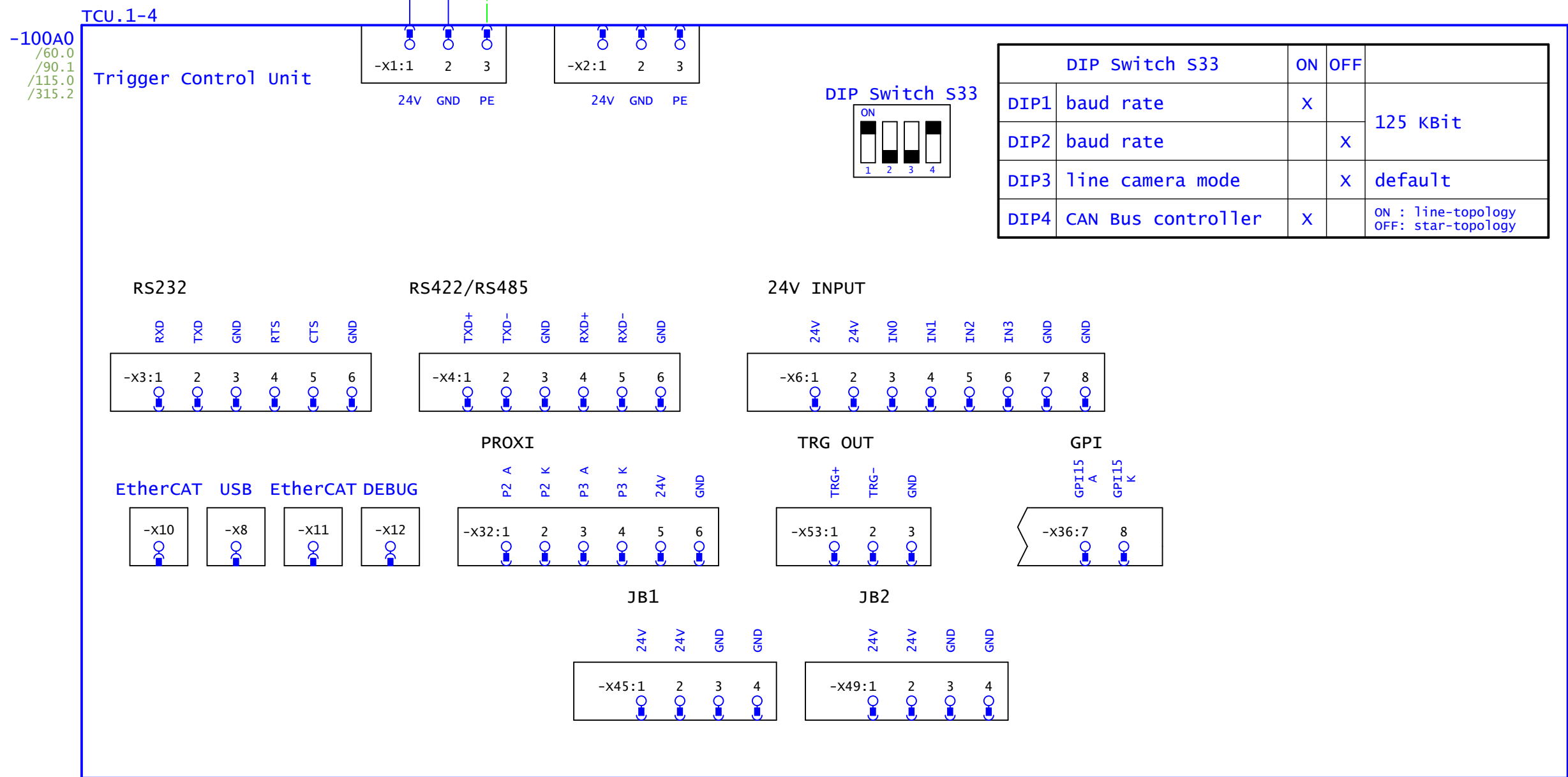


			date	29.08.2017	 BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project : AS0038541	touch monitor		35	←
			user	DieD		drawing : AS0038541_WA0019968			→	41
			creat.	DieD		customer : Bobst Group ItaliaS.p.A.				
modification	date	name	plot			system(s): iPQ-View	& EFS	= VM20	+ C1	40



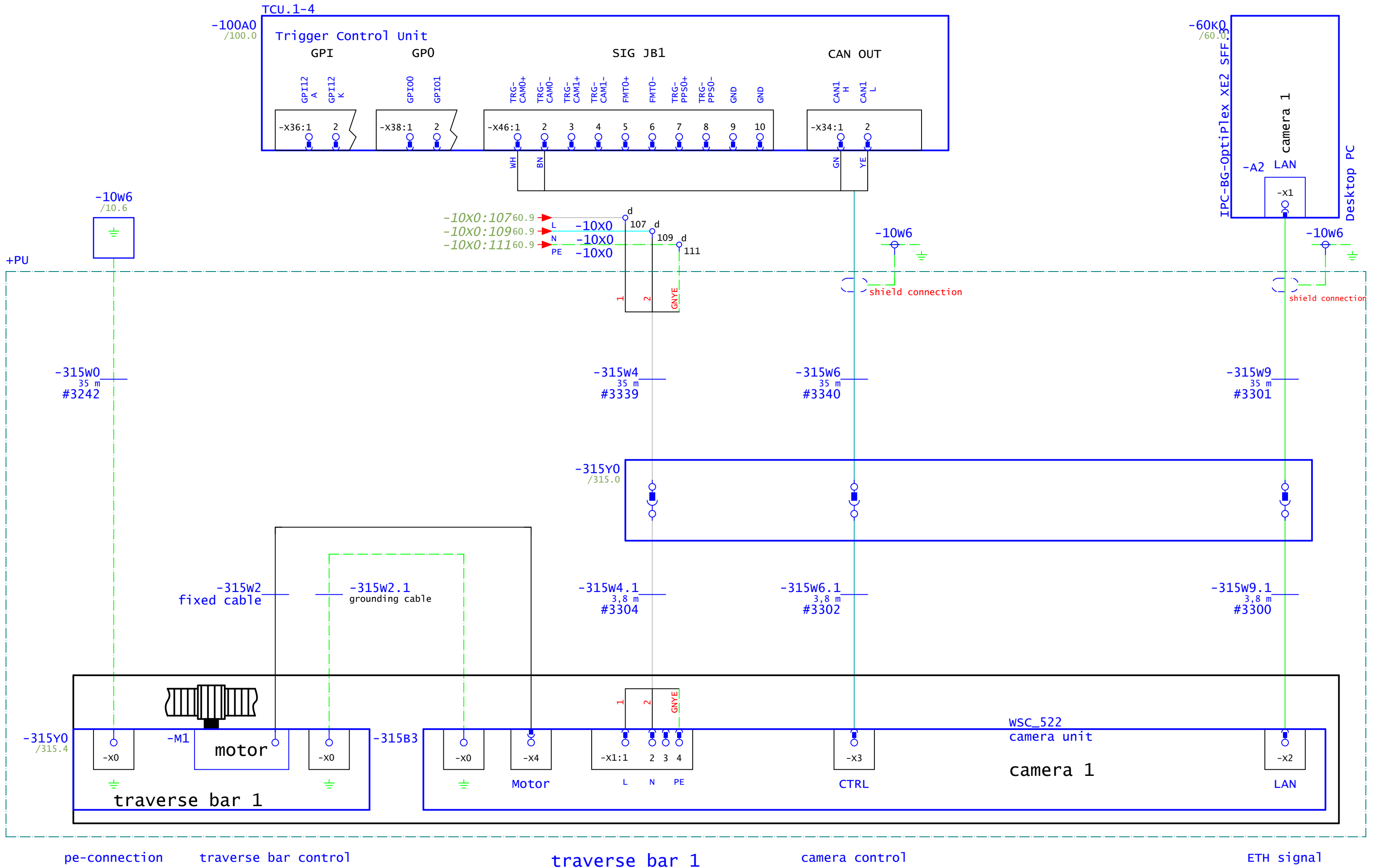
-60X9 = PE time delay relays											
			date	23.08.2017	 BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project : AS0038541		IPC Dell		51	←
			user	DieD		drawing : AS0038541_WA0019968				→	65
			creat.	DieD		customer : Bobst Group ItaliaS.p.A.					
dification	date	name	plot			system(s): iPQ-View		& EFS	= VM20	+ C1	60





TCU

			date	23.08.2017	 BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project : ASO038541				trigger unit TCU				90		←
			user	Died		drawing : ASO038541_WA0019968								→		115
			creat.	Died		customer : Bobst Group ItaliaS.p.A.										
modification	date	name	plot			system(s) : iPQ-View				& EFS		= VM20		+ C1		100



			date	04.09.2017	 BST eltromat INTERNATIONAL BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany project : ASO038541 drawing : ASO038541_WA0019968 customer : Bobst Group ItaliaS.p.A. system(s): iPQ-View	camera traverse bar 1			160		←
			user	Died					→ & EMB=+/2453		
			creat.	Died							
modification	date	name	plot						& EFS	= VM20	+ C1

source

cable

destination

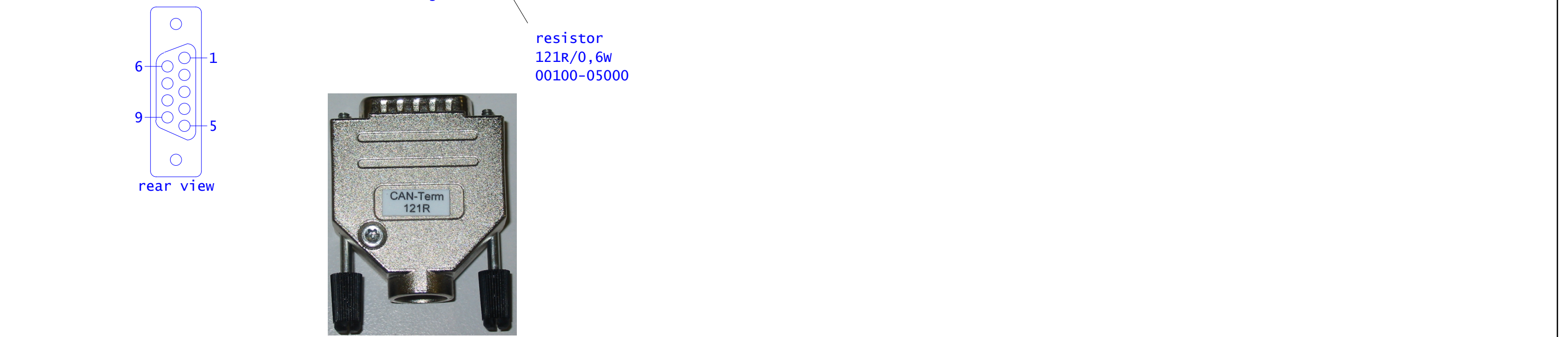
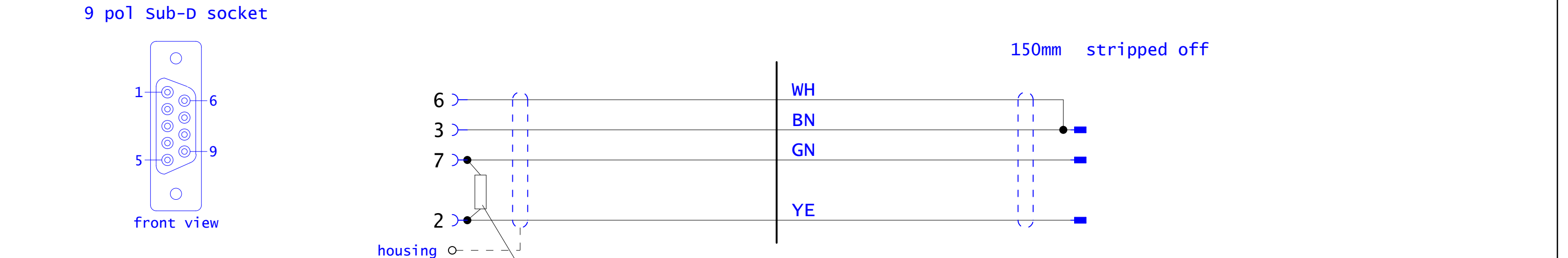
tube diameter :35mm

diameter :7,3mm

tube diameter :7,3mm

Unitronic-Bus CAN 2x2x0,22

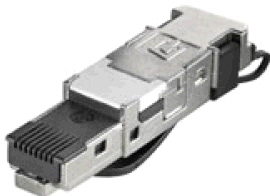
Art.:09400-49250



no	change	date	name		date	name	Approbation UL,CSA	type signal cable	cable Nr. #2453
				drawn	25.02.2008	Sö			
				checked	25.02.2008	Sö			
								employment CAN-BUS signal cable	Part number 69402-45300
B	Bild hinzu	12.01.2009	Sö						
A	Abisolierlänge geän	08.01.2009	Sö						

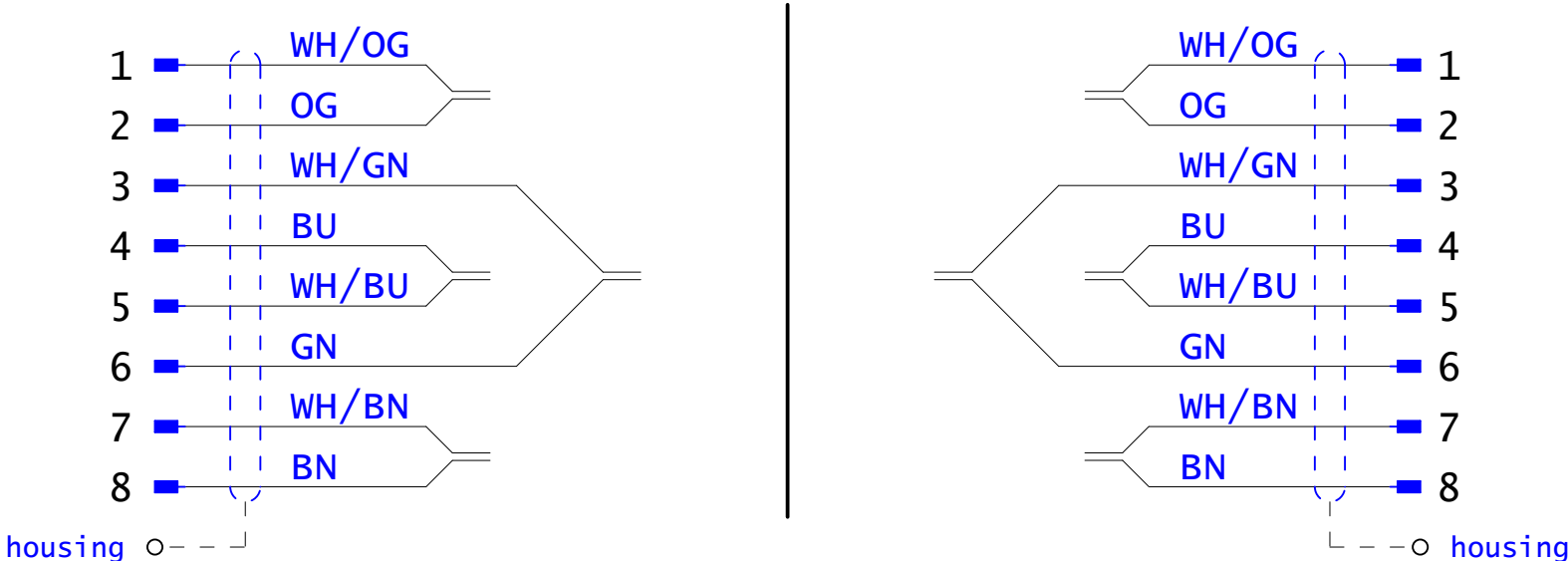
source

IE-PS-RJ45-FH-BK



cable

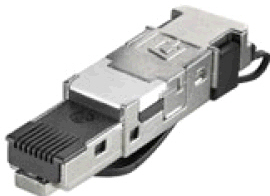
S/FTP Cat.7 PUR RAL 6018
Art.:1ELKB323284



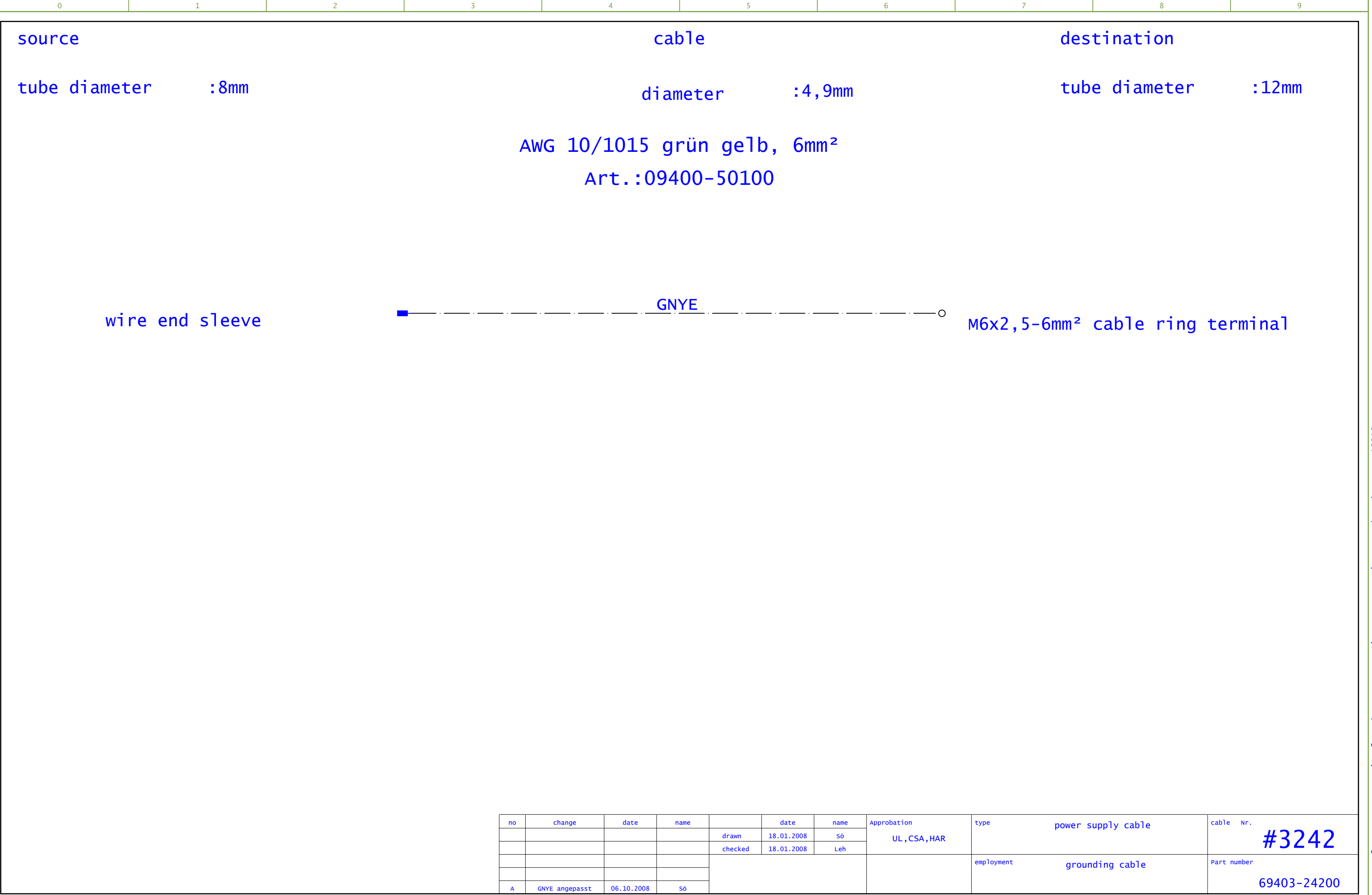
standard EIA/TIA-T568B assignment

destination

IE-PS-RJ45-FH-BK



no	change	date	name		date	name	Approval	type	signal cable	cable Nr.
				drawn	08.11.2007	So	UL			#3230
				checked	14.11.2007	Leh				
C	Kabelsorte angepasst	01.08.2016	LEH					employment	network cable 1:1	Part number
B	WH/xx	19.10.2010	LEH							
A	Kabelsorte	04.12.2007	LEH							



source

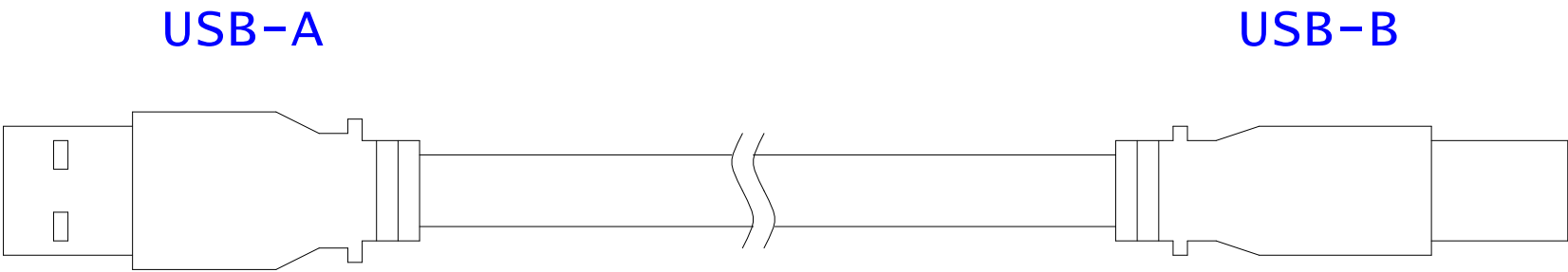
cable

destination

tube diameter :16mm

diameter :3,7 mm

tube diameter :13mm



Cable length	cable number	Part number
1 m	#3250-1	69403-25001
1,8 m	#3250-1,8	69403-250018
3 m	#3250-3	69403-25003
5 m	#3250-5	69403-25005

no	change	date	name		date	name	Approbation	type	signal cable	cable Nr.
				drawn	16.04.2008	So	UL			#3250
				checked	16.04.2008	LEH				
								employment		Part number
A	1 m Kabel	11.03.2015	LehMa							69403-250xx

source

tube diameter :45 mm

cable

3x2xAWG22/7+2xAWG20/7
Art.:09400-14700

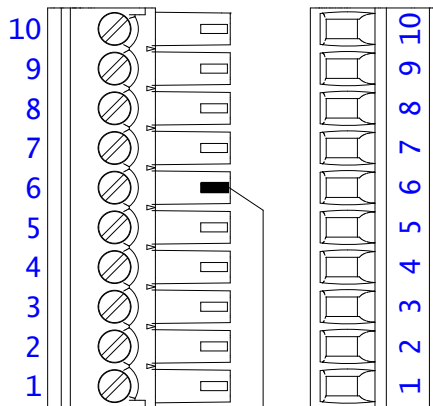
diameter :8 mm

destination

tube diameter :35 mm

150 mm stripped off

MC 1,5/10-ST-3,81



cut off coding

1

2

3

4

5

6

9

WH

BN

GN

YE

GY

PK

RD

BU

1

6

3

8

2

7

9

WH

BN

GN

YE

GY

PK

RD

BU

1

6

3

8

2

7

9

WH

BN

GN

YE

GY

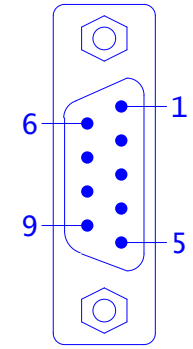
PK

RD

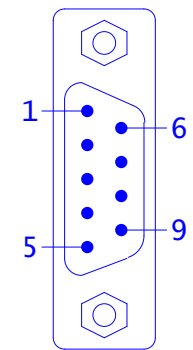
BU

housing

9 pole Sub-D plug



front view



rear view

150 mm

60 mm

shield clamp

shrinkable tubing

uncover shield

no	change	date	name	drawn	date	name	checked	date	name	UL,CSA	type	signal cable	cable Nr.
D	Schirmklammer PFSZ	05.11.2014	LEH	drawn	27.03.2008	Sö	checked	27.03.2008	Leh				#3255
C	Schirmklammer gedr.	07.12.2011	LEH								employment	RS422 digitizer signals from Siemens Simolink SLE-DP	Part number
B	Schirmklammer	11.07.2011	LEH										69403-25500
A	Kabel	19.11.2008	Soe										

modification

date

name

plot

date

29.08.2017

user

DieD

creat.

DieD



BST eltromat INTERNATIONAL
Heidsieker Heide 53
33739 Bielefeld
Germany

project :AS0038541

drawing :AS0038541_WA0019968

customer :Bobst Group ItaliaS.p.A.

system(s):iPQ-View

Cable assignment diagram

& EMB

=

+

3250

3300

3255

←

→

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source

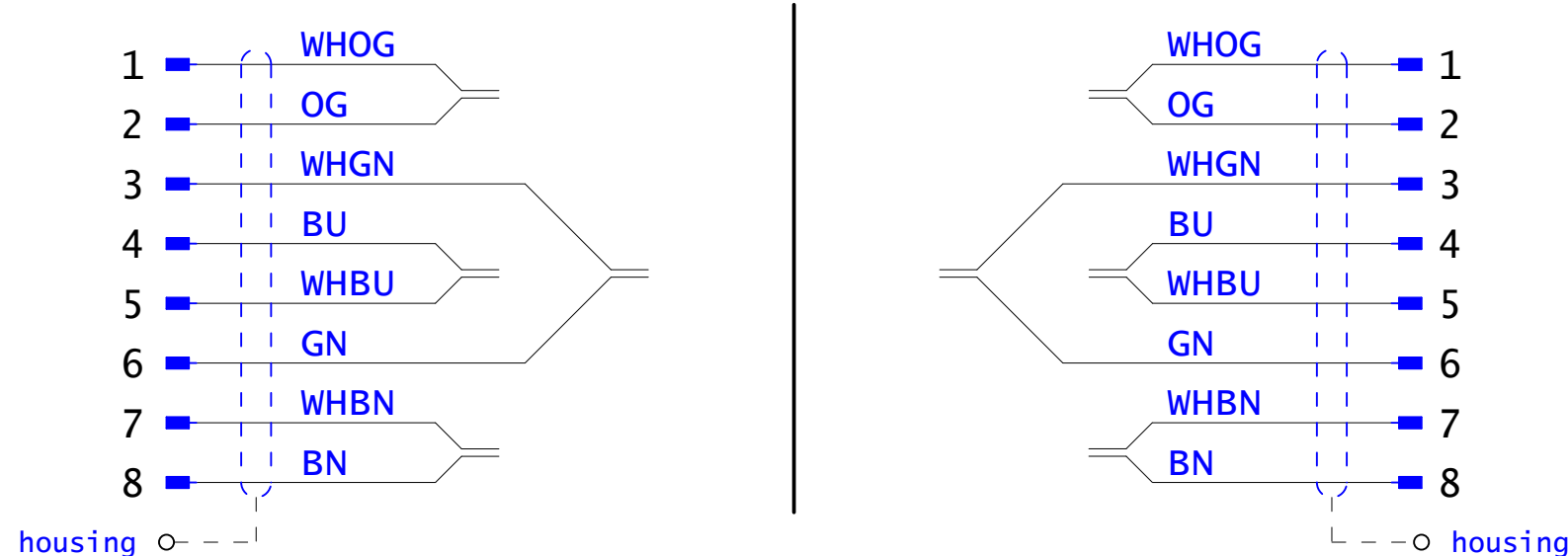
IE-PM-RJ45-TH



cable

IE-5TC4x2xAWG26/7-PUR Cat.5e
Art.:09400-90540

alternative
LI9Y(ST)C11Y 4x2x0,15mm² GN
Art.:09400-90520



destination

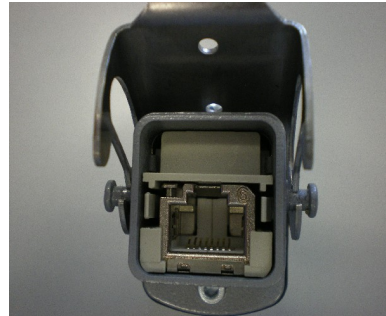
IE-PI-RJ45-TH

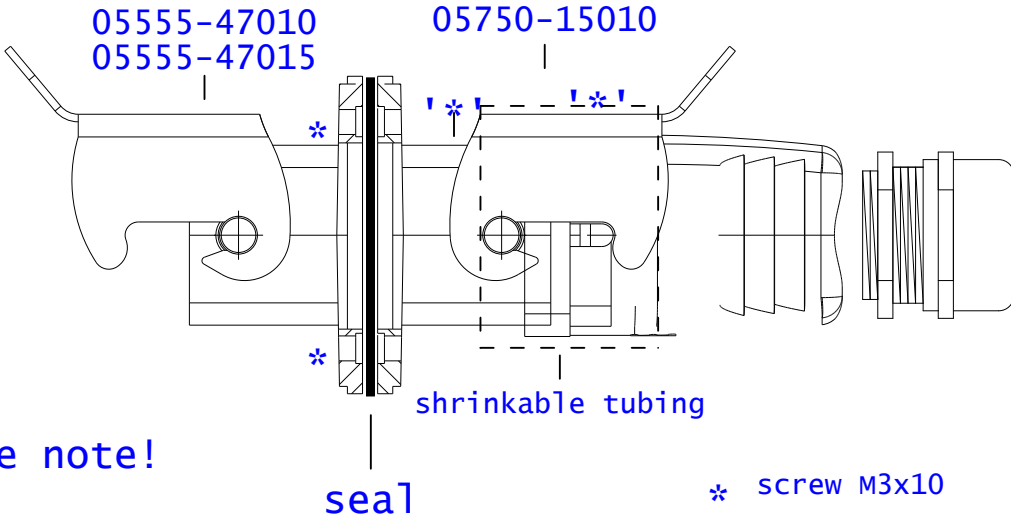


IE-PH-VO5M



mounting position take note!





no	change	date	name	drawn	13.02.2009	LEH	Approbation UL	type	signal cable	cable Nr.	#3300
				checked	13.02.2009	LEH		employment	ethernet cable	Part number	69403-30000
C	alternativ Kabel	10.01.2013	LEH						wsc_4xx		
B	Kabeltyp geändert	07.01.2013	LEH								
A	Reduzierung entf.	04.07.2011	LEH								

source

tube diameter :25mm

cable

diameter :6,4mm

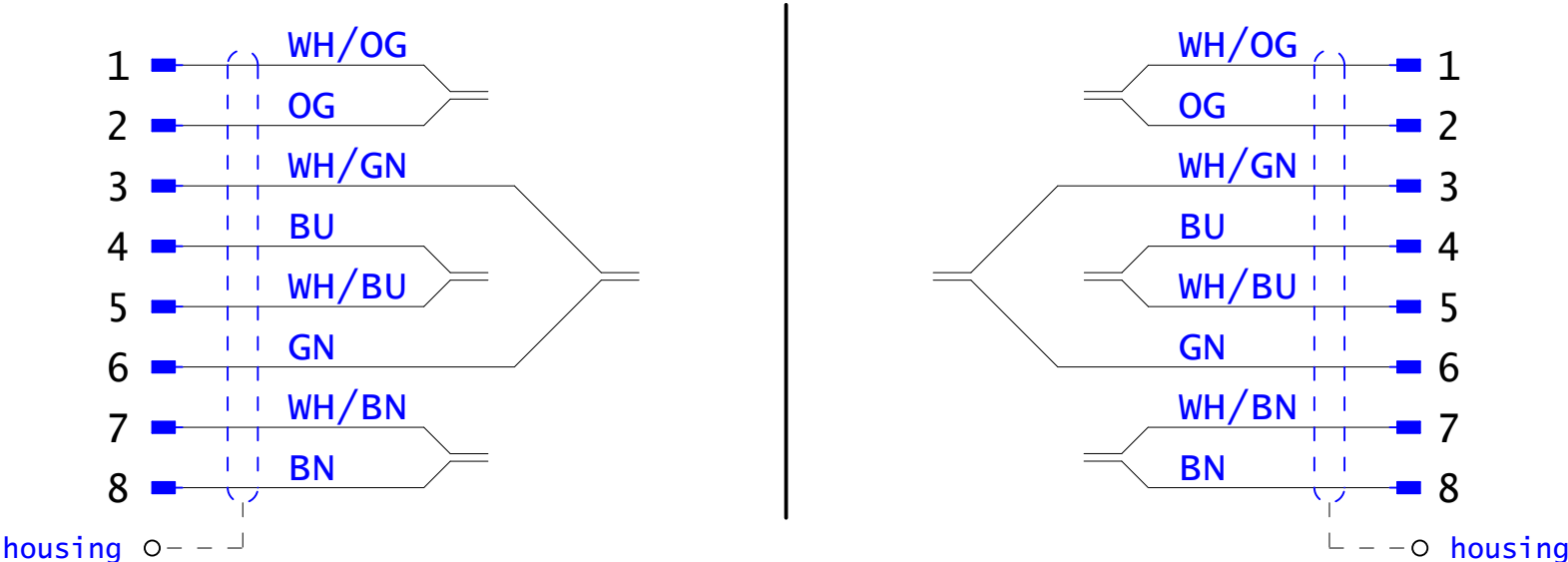
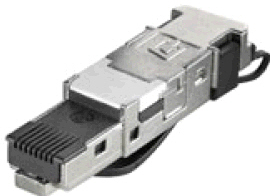
destination

tube diameter :40mm

S/FTP Cat.7 PUR RAL 6018

Art.:1ELKB323284

IE-PS-RJ45-FH-BK

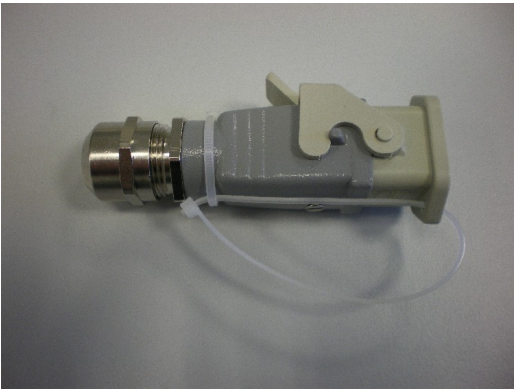


standard EIA/TIA-T568B assignment

IE-PI-RJ45-TH



IE-PH-VO5M



no	change	date	name		date	name	Approval UL	type	signal cable	cable Nr.
				drawn	13.02.2009	So			#3301	
				checked	13.02.2009	so				
C	Kabelsorte angepasst	01.08.2016	LEH					employment	network cable	Part number
B	Bild	24.01.2011	LEH						3EBKB328387	
A	WH/xx	19.10.2010	LEH							

			date	29.08.2017	 BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project :AS0038541				Cable assignment diagram				3300	←
			user	DieD		drawing :AS0038541_WA0019968								→	3302
			creat.	DieD		customer :Bobst Group ItaliaS.p.A.									
modification	date	name	plot			system(s):iPQ-View					& EMB	=		+	3301

source

cable

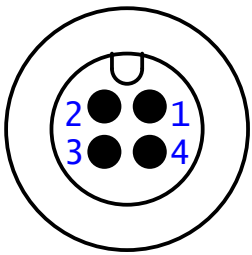
destination

tube diameter :20mm

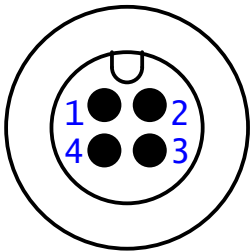
tube diameter :30mm

Chainflex CF BUS 2x2x0,25
Art.:09400-49265

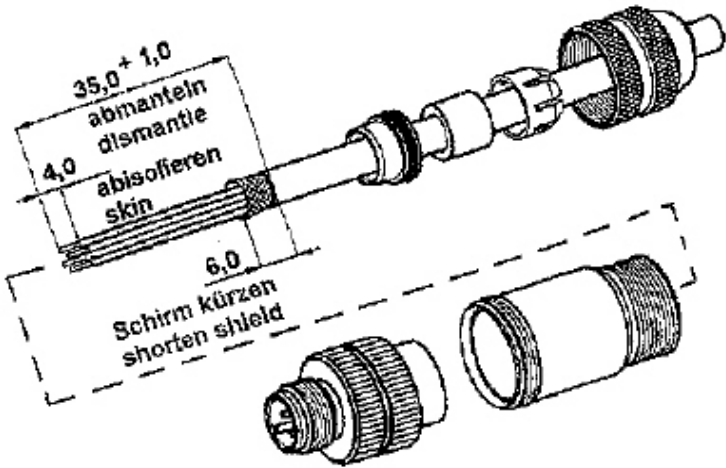
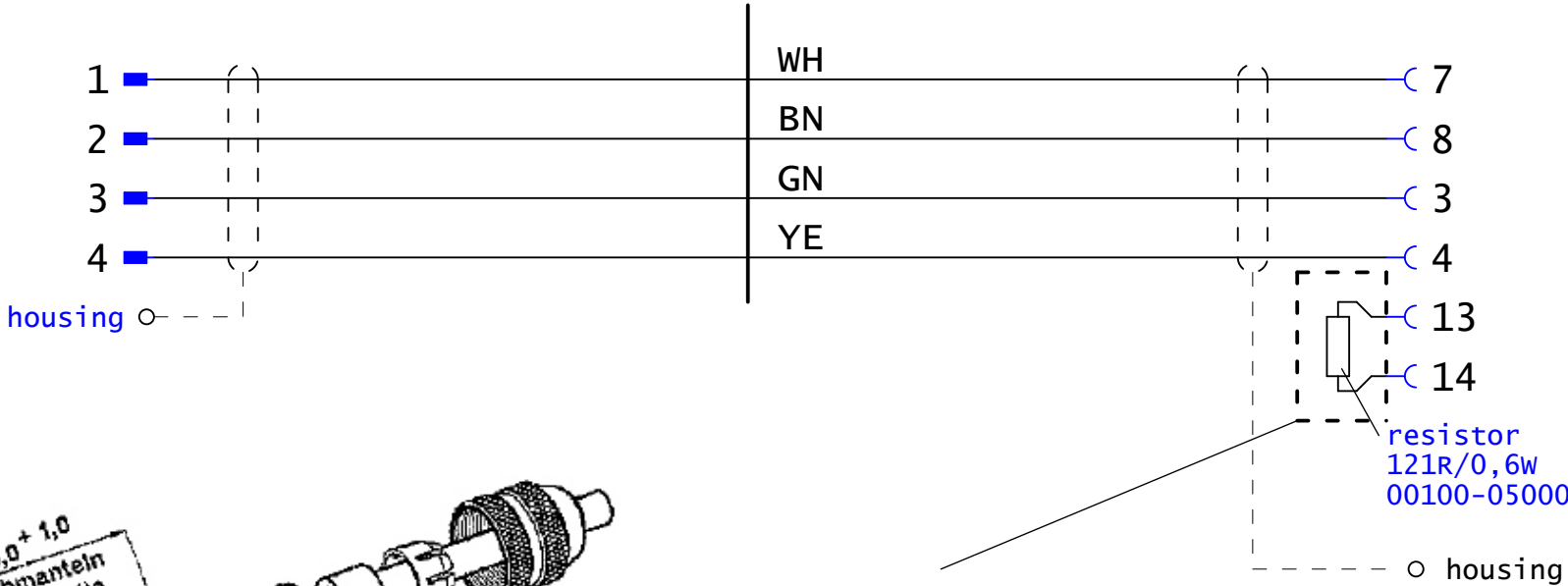
M12 Serie 713
4pole plug



front view

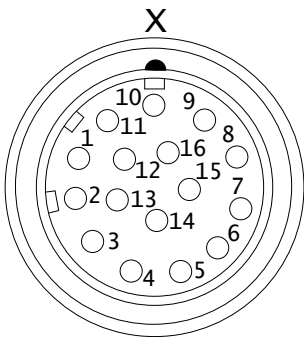


rear view

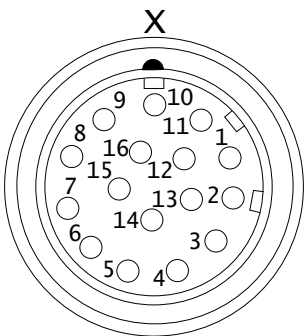


isolate the resistor
with shrinkable tubing

M23 16pole socket
X coded



front view



rear view

no	change	date	name	date	name	Approbation	type	signal cable	cable Nr.
				drawn	30.03.2009	So	UL/CSA, CEI, CE, DESINA, RoHS		#3302
				checked	30.03.2009	So			
							employment	TCU.X - wsc_4xx	Part number
A		Schrumpfschlauch widerstand	25.09.2009	LEH					69403-30200

			date	29.08.2017	 BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project :AS0038541 drawing :AS0038541_WA0019968 customer :Bobst Group ItaliaS.p.A. system(s):iPQ-View	Cable assignment diagram		3301		←
			user	DieD					→		3304
			creat.	DieD					+		3302
modification	date	name	plot					& EMB	=		

source

cable

destination

tube diameter :40mm

diameter :9mm

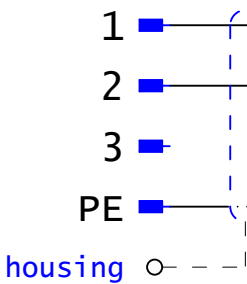
tube diameter :40mm

Chainflex CF10.UL 4 x 0,75
Art.:09350-20710

50mm stripped off

50mm stripped off

HDC HA 3 MS



1

2

GNYE

1

2

3

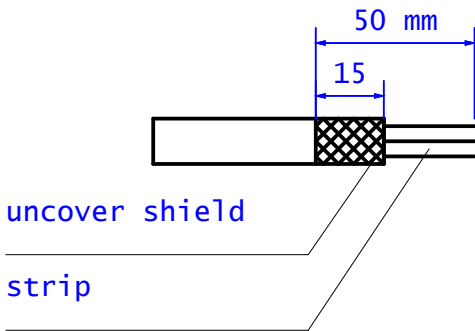
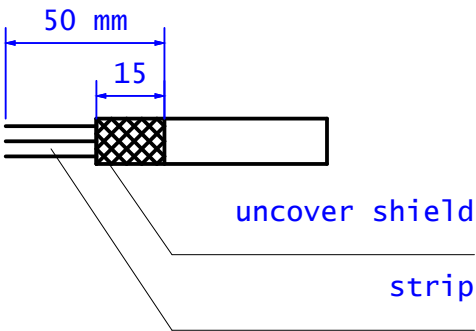
PE

housing

HDC HA 3FS



HDC 04A KOLU 1M20G



HDC 04A TOLU 1M20G



no	change	date	name	drawn	11.02.2009	So	Approbation UL, CSA, CEI, CE, RoHS, IPA	type power supply cable	cable Nr. #3304
				checked	11.02.2009	So			
							employment CAM-TRAV-CON.x - wsc_3xx	Part number 69403-30400	

		date	29.08.2017	 BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project : AS0038541 drawing : AS0038541_WA0019968 customer : Bobst Group Italia S.p.A. system(s) : iPQ-View	Cable assignment diagram		3302		
		user	DieD						3339	
		creat.	DieD							
modification	date	name	plot					& EMB =	+	3304

source

cable

destination

tube diameter :12mm

diameter : 8,8mm

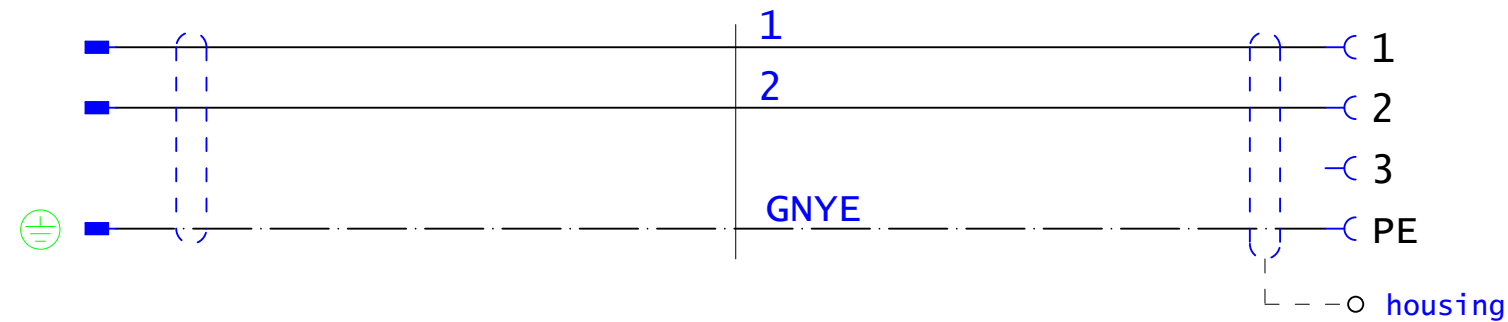
tube diameter : 40mm

MULTINORM JZ-CY 3 G 0,75mm²

Art.: 09400-49605

120mm stripped off

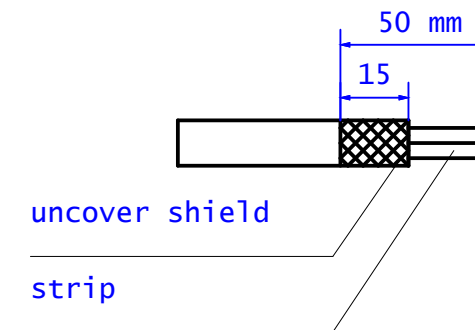
50mm stripped off



HDC HA 3FS

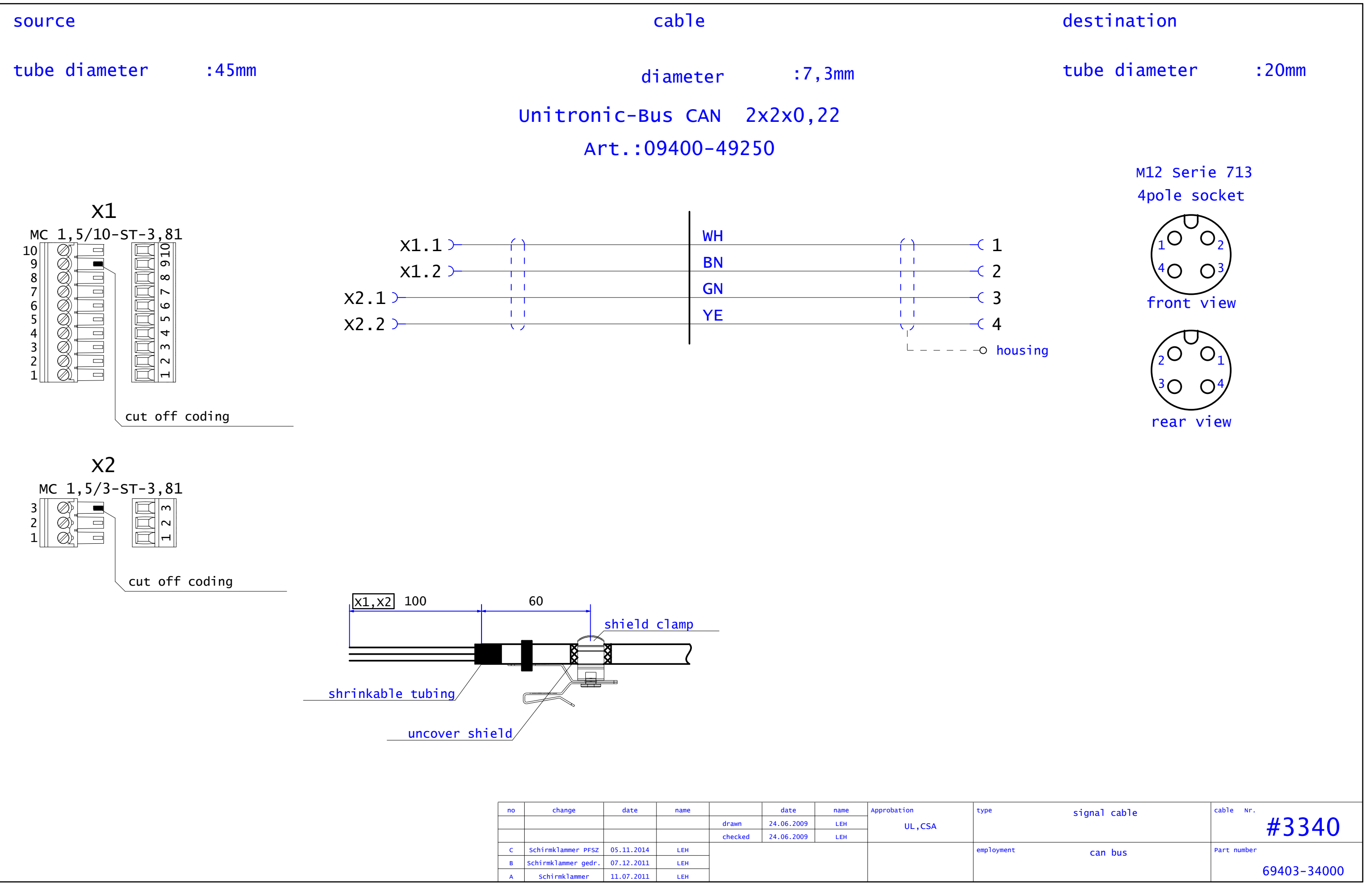


HDC 04A TOLU 1M20G



no	change	date	name		date	name	Approbation	type	cable Nr.
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				checked	24.06.2009	LEH			
								employment	Part number
								divers	69403-33900

			date	29.08.2017	 BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project :ASO038541	Cable assignment diagram				3304		→
			user	DieD		drawing :ASO038541_WA0019968					→		3340
			creat.	DieD		customer :Bobst Group ItaliaS.p.A.							
modification	date	name	plot			system(s):iPQ-View	& EMB	=	+	3339			



0

1

2

3

4

5

6

7

8

9

source

destination

tube diameter :8mm

tube diameter :8mm

cable

YSLY-JZ 3 x 1,5 mm²

Art.:09400-49820

diameter :6,8mm

jacket 120mm stripped off

jacket 120mm stripped off

wire end sleeve

wire end sleeve

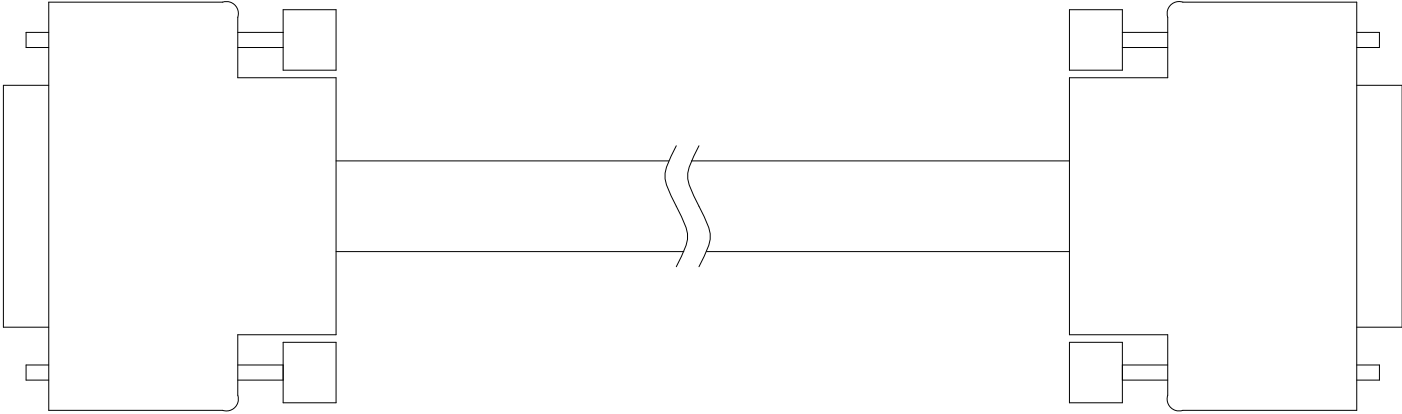
1

2

GNYE

no	change	date	name		date	name	Approbation	type	power supply cable	cable Nr.
				drawn	28.05.2013	LEH	CE			#3446
				checked	28.05.2013	LEH				
								employment	divers	Part number
										69403-44600

0	1	2	3	4	5	6	7	8	9																																																														
source		cable				destination																																																																	
tube diameter :8mm		diameter :6,8mm				tube diameter :30mm																																																																	
YSLY-JZ 3 x 1,5 mm² Art.:09400-49820																																																																							
jacket 120mm stripped off						3 pole IEC socket C13																																																																	
wire end sleeve		1 2 GNYE L N																																																																					
<table><tr><td>no</td><td>change</td><td>date</td><td>name</td><td></td><td>date</td><td>name</td><td>Approbation</td><td>type</td><td>power supply cable</td><td>cable Nr.</td></tr><tr><td></td><td></td><td></td><td></td><td>drawn</td><td>28.05.2013</td><td>LEH</td><td rowspan="2">CE</td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2">#3447</td></tr><tr><td></td><td></td><td></td><td></td><td>checked</td><td>28.05.2013</td><td>LEH</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="3"></td><td></td><td>employment</td><td>divers</td><td>Part number</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="3"></td><td></td><td></td><td></td><td>69403-44700</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="3"></td><td></td><td></td><td></td><td></td></tr></table>										no	change	date	name		date	name	Approbation	type	power supply cable	cable Nr.					drawn	28.05.2013	LEH	CE			#3447					checked	28.05.2013	LEH									employment	divers	Part number											69403-44700											
no	change	date	name		date	name	Approbation	type	power supply cable	cable Nr.																																																													
				drawn	28.05.2013	LEH	CE			#3447																																																													
				checked	28.05.2013	LEH																																																																	
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										69403-44700																																																													

0	1	2	3	4	5	6	7	8	9																																																										
source			cable				destination																																																												
tube diameter :45mm			diameter :10 mm				tube diameter :45mm																																																												
DVI / DVI monitor cable																																																																			
DVI plug			DVI plug																																																																
																																																																			
<table><thead><tr><th>Cable length</th><th>cable number</th><th>Part number</th></tr></thead><tbody><tr><td>2 m</td><td>#3478-2</td><td>6940347802</td></tr><tr><td>3 m</td><td>#3478-3</td><td>6940347803</td></tr><tr><td>5 m</td><td>#3478-5</td><td>6940347805</td></tr><tr><td>10 m</td><td>#3478-10</td><td>6940347810</td></tr><tr><td>15 m</td><td>#3478-15</td><td>6940347815</td></tr><tr><td>20 m</td><td>#3478-20</td><td>6940347820</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>										Cable length	cable number	Part number	2 m	#3478-2	6940347802	3 m	#3478-3	6940347803	5 m	#3478-5	6940347805	10 m	#3478-10	6940347810	15 m	#3478-15	6940347815	20 m	#3478-20	6940347820																																					
Cable length	cable number	Part number																																																																	
2 m	#3478-2	6940347802																																																																	
3 m	#3478-3	6940347803																																																																	
5 m	#3478-5	6940347805																																																																	
10 m	#3478-10	6940347810																																																																	
15 m	#3478-15	6940347815																																																																	
20 m	#3478-20	6940347820																																																																	
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no	change	date	name		date	name	Approbation	type	signal cable	cable Nr.																																																									
				drawn	20.05.2014	LEH	UL			#3478																																																									
				checked	20.05.2014	LEH																																																													
								employment	Monitor DVI - DVI	Part number																																																									
A	15m Kabel	29.06.2015	LehMa							69403-478xx																																																									

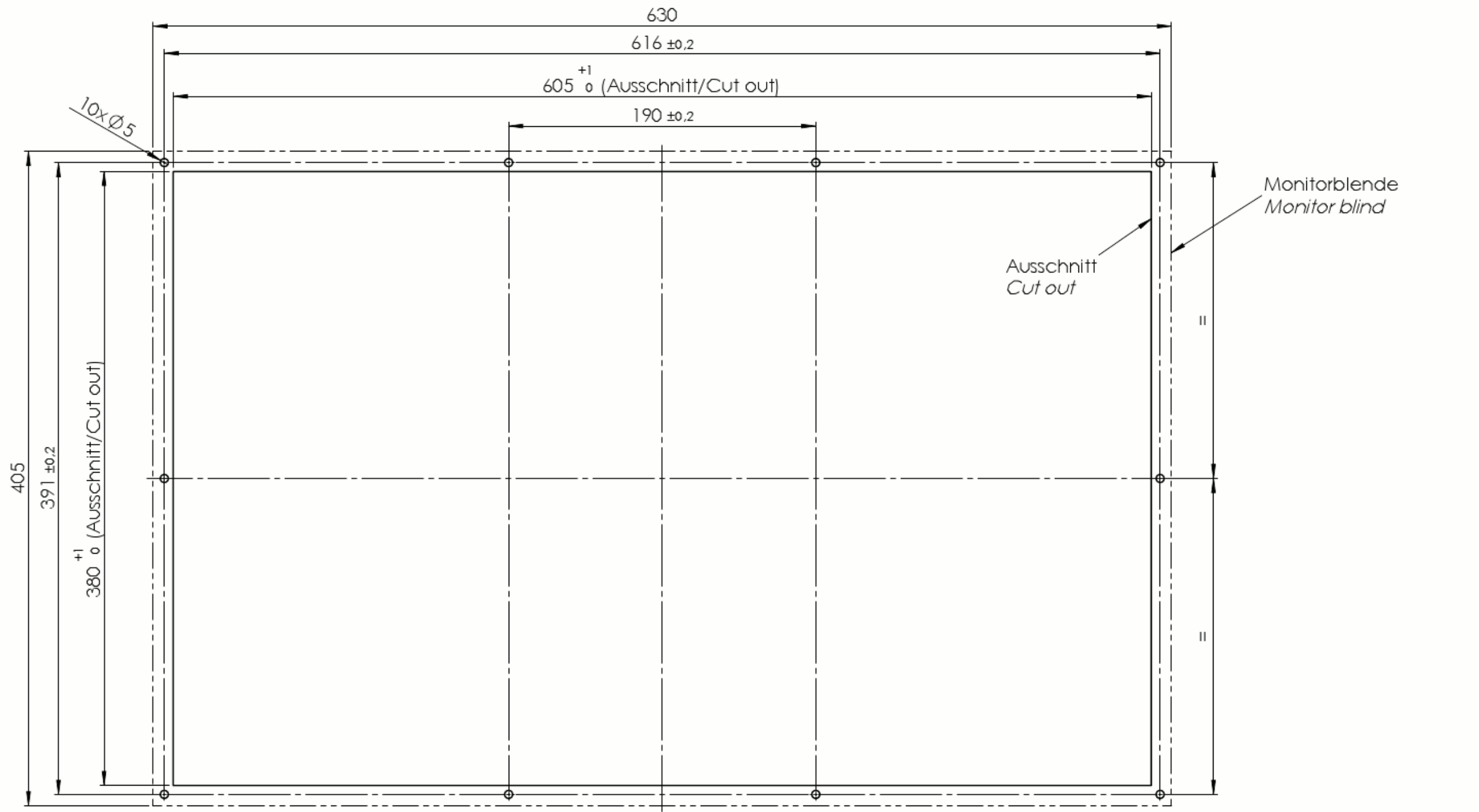
bill of materials

parts nomenclature	quantity	page/path	type designation	description 1	description 2	part number	manufacturer
=VM20-MP1	1	&ETL=VM20/115.1	WV_STAR-MP-USV.1-A	mounting plate with UPS	200x437 mm	5101355400	BST eltromat GmbH
=VM20-MP2	1	&ETL=VM20/120.1	WV_STAR-MP-TP600.1	mounting plate top console	499x546 mm	5101354400	BST eltromat GmbH
=VM20-10F0	1	&EFS=VM20/10.0	5SJ4 106-8HG40	miniature circuit-breaker	250/440v, d 6a, 1pole	0463035065	Siemens
=VM20-10Q0	1	&EFS=VM20/10.0	3LD2 154-0TK51	main switch	manual operation black	0490005452	Siemens
=VM20-10W6	1	&EFS=VM20/10.6	SSCH 10x3x1000	power rail 10x3x1000	Cu / Sn	0620034890	Weidmüller
=VM20-10X0	1	&EFS=VM20/10.0	ZEW 35/2	end angle		0620051310	Weidmüller
=VM20-10X0	2	&EFS=VM20/10.1	ZDU 2.5/4AN	feed-through terminal		0620017650	Weidmüller
=VM20-10X0	2	&EFS=VM20/10.1	ZAD 1/4	cover	???	0621000395	Weidmüller
=VM20-10X0	1	&EFS=VM20/10.1	ZPE 2.5/4AN	earth terminal		0620017670	Weidmüller
=VM20-10X0	1	&EFS=VM20/10.1	ZAP/TW 3	end plate		0620017660	Weidmüller
=VM20-10X0	2	&EFS=VM20/10.3	ZDU 2.5	feed-through terminal		0620017600	Weidmüller
=VM20-10X0	1	&EFS=VM20/10.3	ZPE 2.5	earth terminal		0620017610	Weidmüller
=VM20-10X0	2	&EFS=VM20/10.5	ZDU 2.5/4AN	feed-through terminal		0620017650	Weidmüller
=VM20-10X0	1	&EFS=VM20/10.5	ZQV 2.5/2	cross-connector		0620017212	Weidmüller
=VM20-10X0	1	&EFS=VM20/10.5	ZAP/TW 3	end plate		0620017660	Weidmüller
=VM20-10X0	2	&EFS=VM20/10.6	ZDU 2.5/4AN	feed-through terminal		0620017650	Weidmüller
=VM20-10X0	1	&EFS=VM20/10.6	ZQV 2.5/2	cross-connector		0620017212	Weidmüller
=VM20-10X0	2	&EFS=VM20/10.8	ZPE 2.5/4AN	earth terminal		0620017670	Weidmüller
=VM20-10X0	1	&EFS=VM20/10.8	ZAP/TW 3	end plate		0620017660	Weidmüller
=VM20-35T1	1	&EFS=VM20/35.1	CS3.241	Power supply unit	24-28VDC/3,3A/NEC Class 2	0462001130	Puls
=VM20-35X3	1	&EFS=VM20/35.3	ZEW 35/2	end angle		0620051310	Weidmüller
=VM20-35X3	3	&EFS=VM20/35.4	ZDU 2.5/4AN	feed-through terminal		0620017650	Weidmüller
=VM20-35X3	1	&EFS=VM20/35.4	ZQV 2.5/3	cross-connector		0620017213	Weidmüller
=VM20-35X3	1	&EFS=VM20/35.4	ZAP/TW 3	end plate		0620017660	Weidmüller
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=VM20-35X3	1	&EFS=VM20/35.6	ZQV 2.5/3	cross-connector		0620017213	Weidmüller
=VM20-35X3	1	&EFS=VM20/35.6	ZAP/TW 3	end plate		0620017660	Weidmüller
=VM20-35X3	1	&EFS=VM20/35.3	ZPE 2.5/4AN	earth terminal		0620017670	Weidmüller
=VM20-35X3	1	&EFS=VM20/35.8	ZPE 2.5/4AN	earth terminal		0620017670	Weidmüller
=VM20-35X3	1	&EFS=VM20/35.8	ZAP/TW 3	end plate		0620017660	Weidmüller
=VM20-40T2	1	&EFS=VM20/40.2	USB Extender CAT 5	with 4 Port Hub		0940090250	LINDY-Elektronik GmbH
=VM20-60A1	1	&EFS=VM20/60.1	IPEH-002021	PCAN-USB-Adapter		1410048000	Diverse
=VM20-60C2	1	&EFS=VM20/60.2	3S 700 IEC	UPS	230VAC/700VA	0462000570	EATON-Moeller
=VM20-60C5	1	&EFS=VM20/60.5	MIL 10 Gige licence	USB Dongle		1410036120	Matrox
=VM20-60K0	1	&EFS=VM20/60.0	IPC-BG-OptiPlex XE2 SFF.3	Desktop PC	Intel Core i7, 3,1 GHz, 8GB	9579000640	DELL GmbH
=VM20-60K0-A2	1	&EFS=VM20/315.9	I350T2V2BLK	Dual Port Server Adatper	1Gbps	1410051130	intel
=VM20-60K0-A6	1	&EFS=VM20/40.3	NVS 310	graphic card		1410034810	NVIDIA
=VM20-60K8	1	&EFS=VM20/60.8	83.02.0.240	multi-function timing relay	0,05 s - 10 d / AC + DC	0410013020	Finder Relais GmbH
=VM20-60X7	1	&EFS=VM20/60.7	NKKS 075 SW	IEC 320-C14>CEE 7/4 clutch	0,2m	0940030540	wentronik
=VM20-60X9	1	&EFS=VM20/60.8	ZEW 35/2	end angle		0620051310	Weidmüller

list of fuses

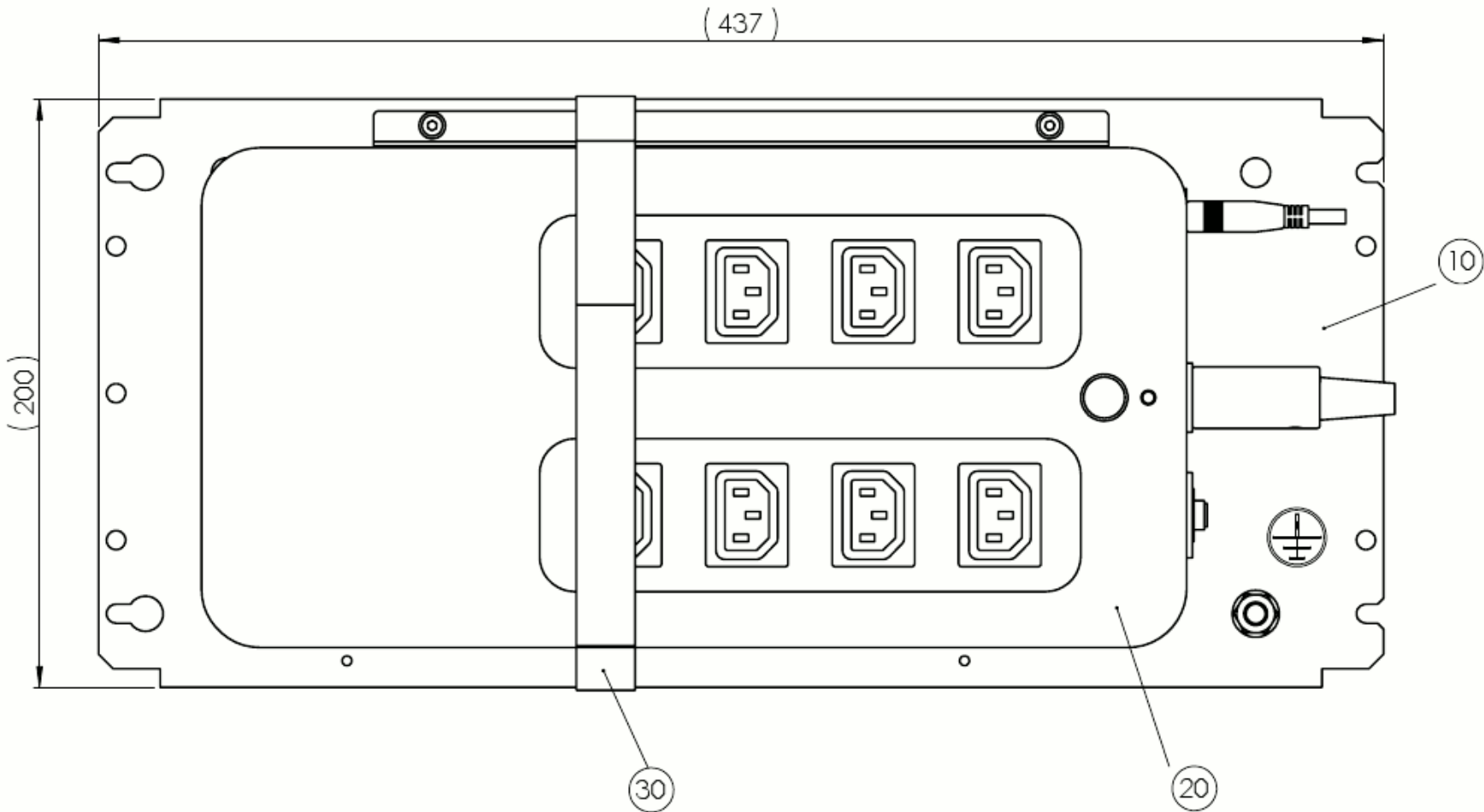
identity part number Type number	function text Article designation technical data	page/path	symbol
=VM20-10F0 0463035065 5SJ4 106-8HG40	main fuse Circuit breaker D 6A 230vac	&EFS=VM20/10.0	

identity part number Type number	function text Article designation technical data	page/path	symbol

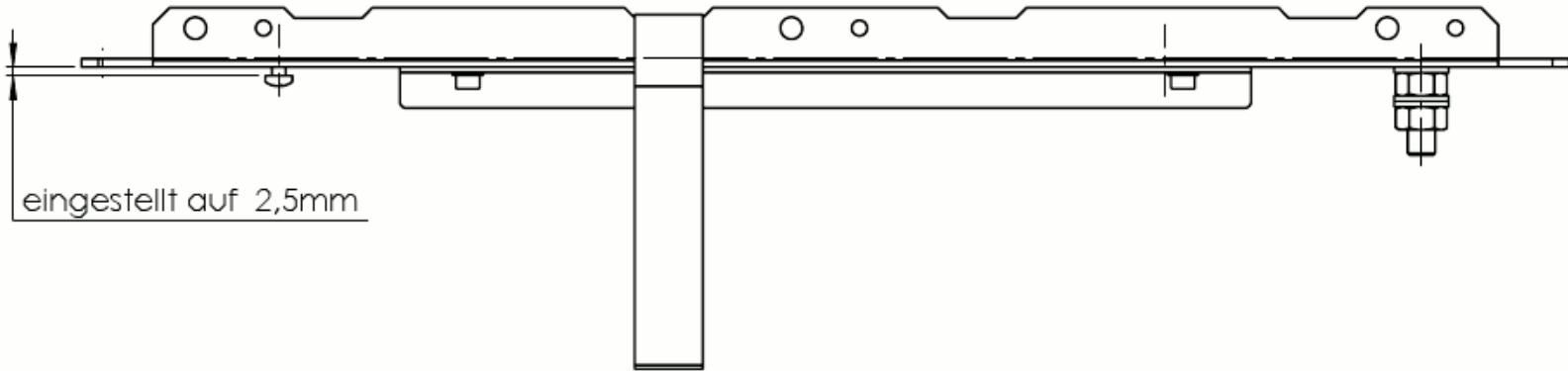


Monitor	Part - No.	Mounting depth	Diese Unterlage ist urheberrechtlich geschützt. Sie darf ohne unsere Einwilligung weder kopiert, vervielfältigt, noch sonstwie dritten Personen oder Firmen zugänglich gemacht werden. eltromat GmbH		This documentation is protected by copyright and must neither be copied or duplicated nor be made available to a third party or company. eltromat GmbH	
EV2336WFS3-BK	0462075780	69 mm	Allgemein- toleranz ISO 2768-mK	Kanten ISO 13715	Maßstab 1:2,5	(Gewicht)
T2381W-BK	0462075770	67 mm			Bemerkungen:	
CS230B-BK	0462075850	82 mm			Ausschnitt/Cut out für Monitor EV2336WFS3-BK / T2381W-BK / CS230B-BK	
				Datum	Name	
			Bear.	24.04.2014	TSpruetten	
			Freig.	16.03.2015	TSpruetten	
			Norm			
			FB 05 95 Rev.02			
			 Herforder Str. 249-251 / 33818 Leopoldshöhe Tel.: 0 52 08/987-0 www.eltromat.de		Zeichnungsnr.: 1015499	Index: 002
						Blatt 1 von 1 Format A3

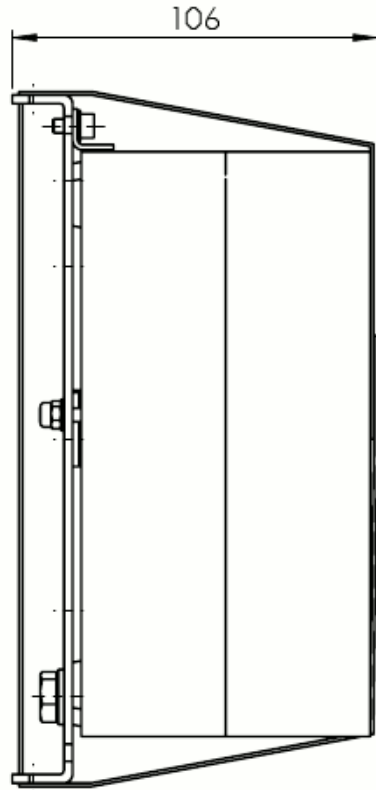
Stückliste siehe ProAlpha Teilenr.: 9579100330



Ansicht ohne USV



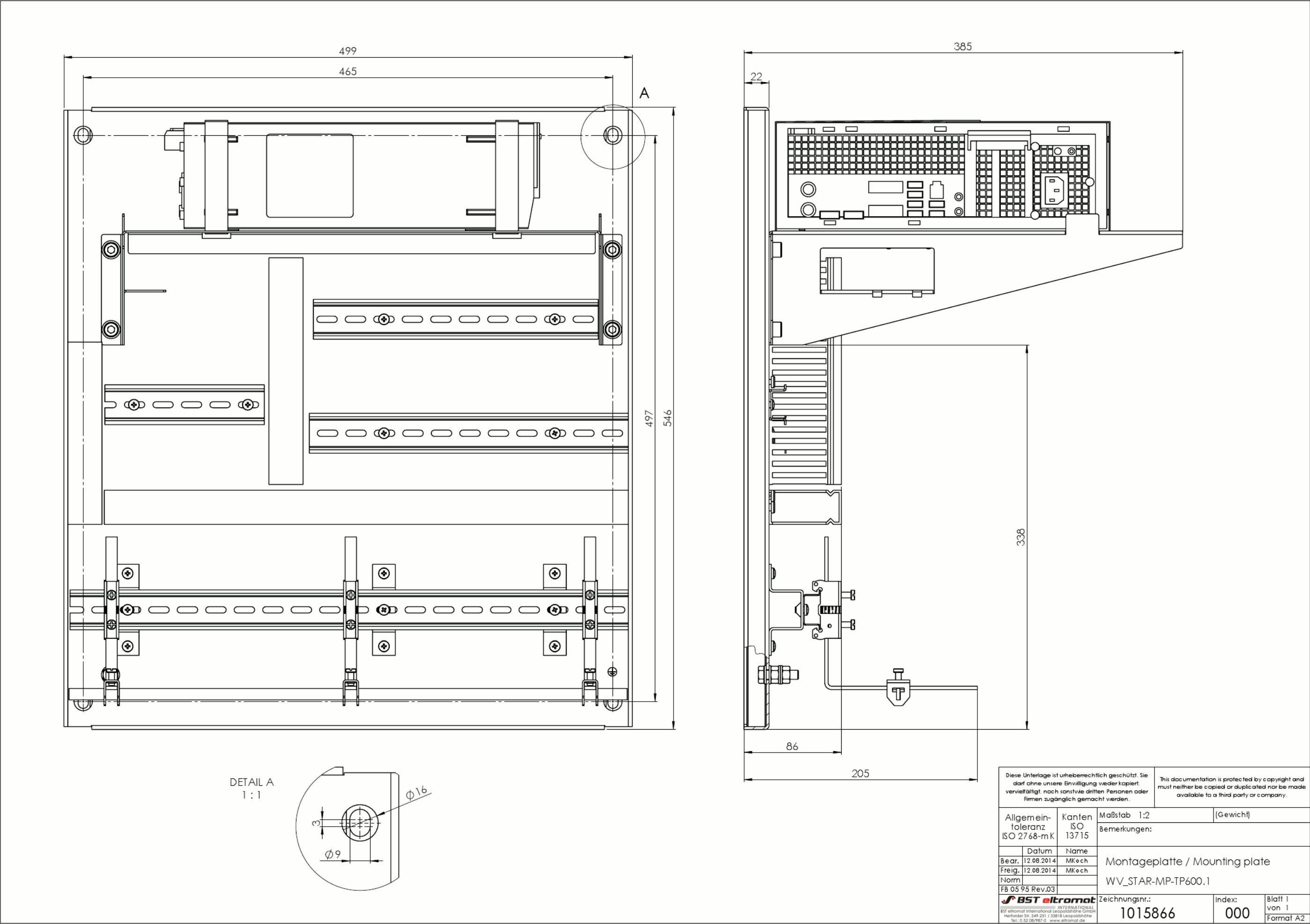
eingestellt auf 2,5mm



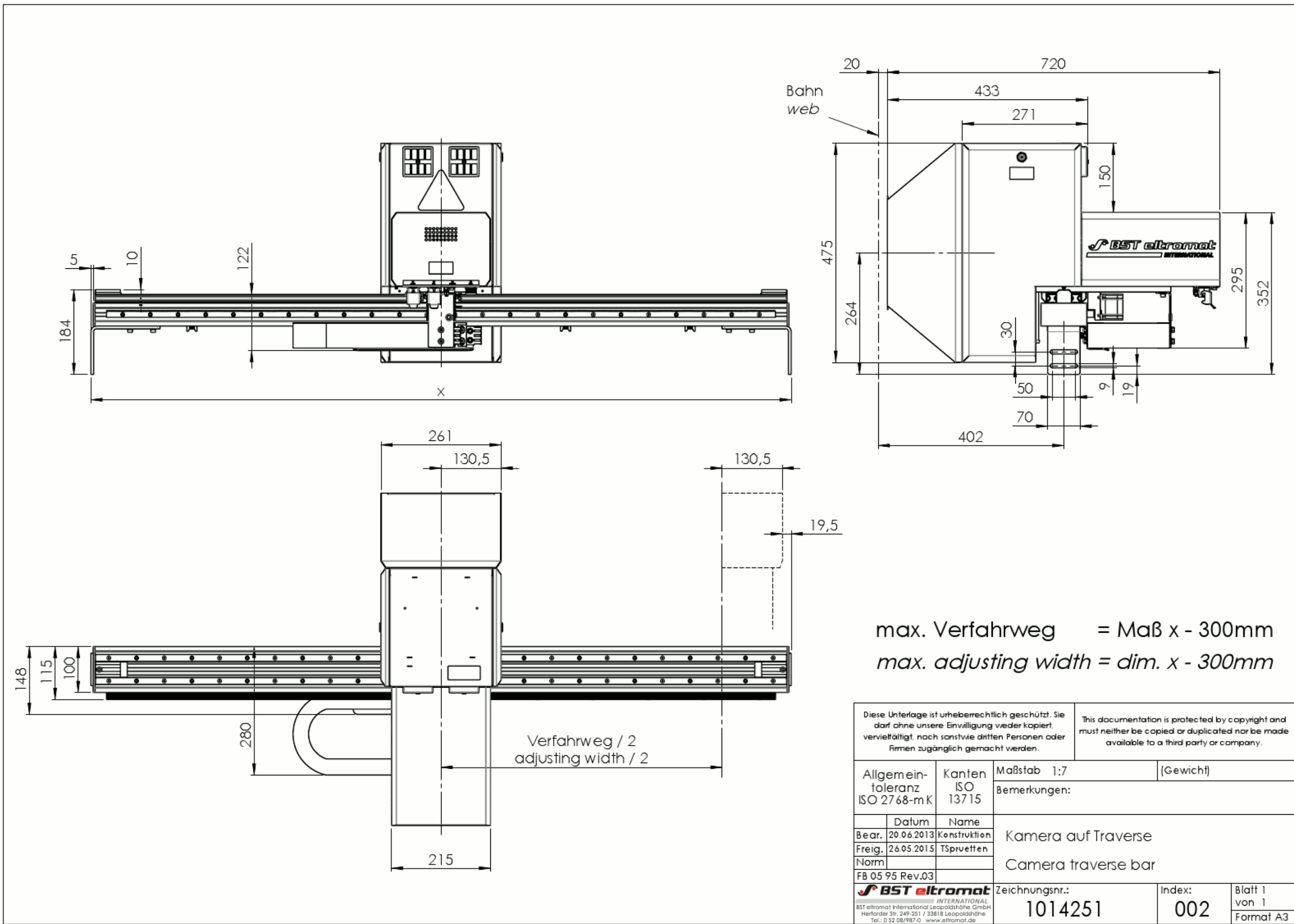
Rückansicht USV



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Allgemeintoleranz ISO 2768-mK	Kanten ISO 13715	Maßstab 1:2	[Gewicht]		
		Bemerkungen:			
	Datum	Name	VV_STAR-MP-USV.1 Montageplatte mit USV		
Bear.	16.01.2013	MHesse			
Freig.	07.02.2013	TSpruetten			
Norm					
FB 05 95 Rev.02					
 Herforder Str. 249-251 / 33818 Leopoldshöhe Tel.: 0 52 08/987-0 www.eltromat.de		Zeichnungsnr.:	Index:	Blatt 1	
		1013605	002	von 1	
				Format A3	



			date	29.08.2017	BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany project : ASO038541 drawing : ASO038541_WA0019968 customer : Bobst Group ItaliaS.p.A. system(s): iPQ-View 1015866 2				
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			creat.	DieD					
modification	date	name	plot			& ETB	=	+	3

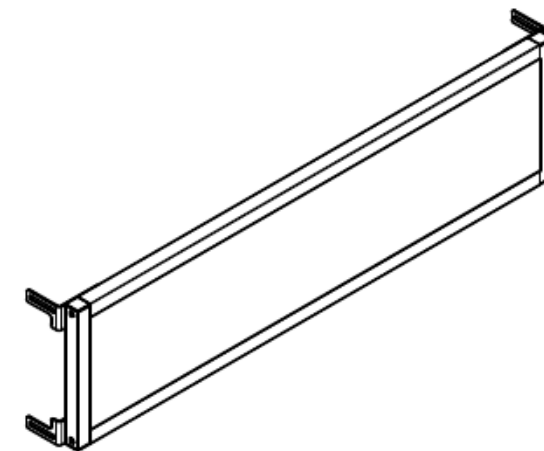
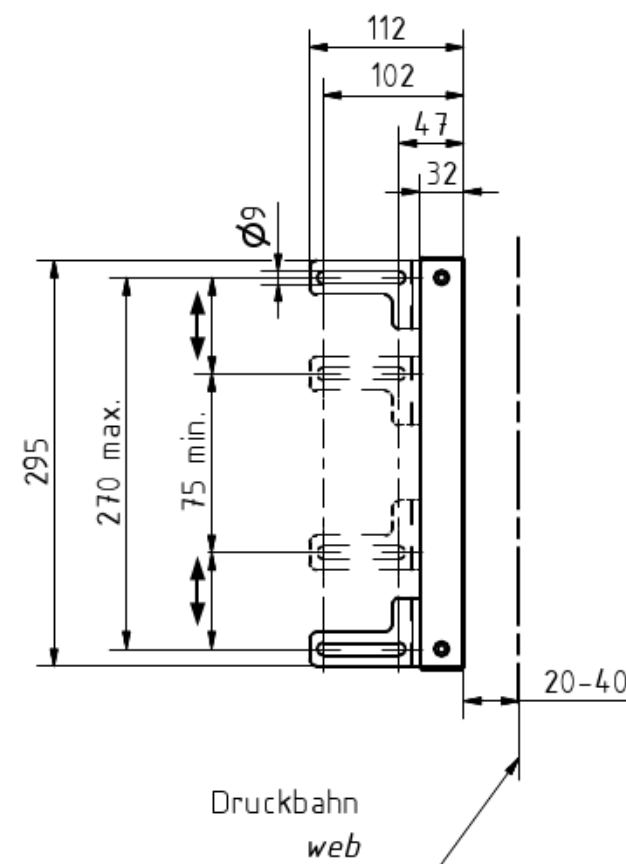
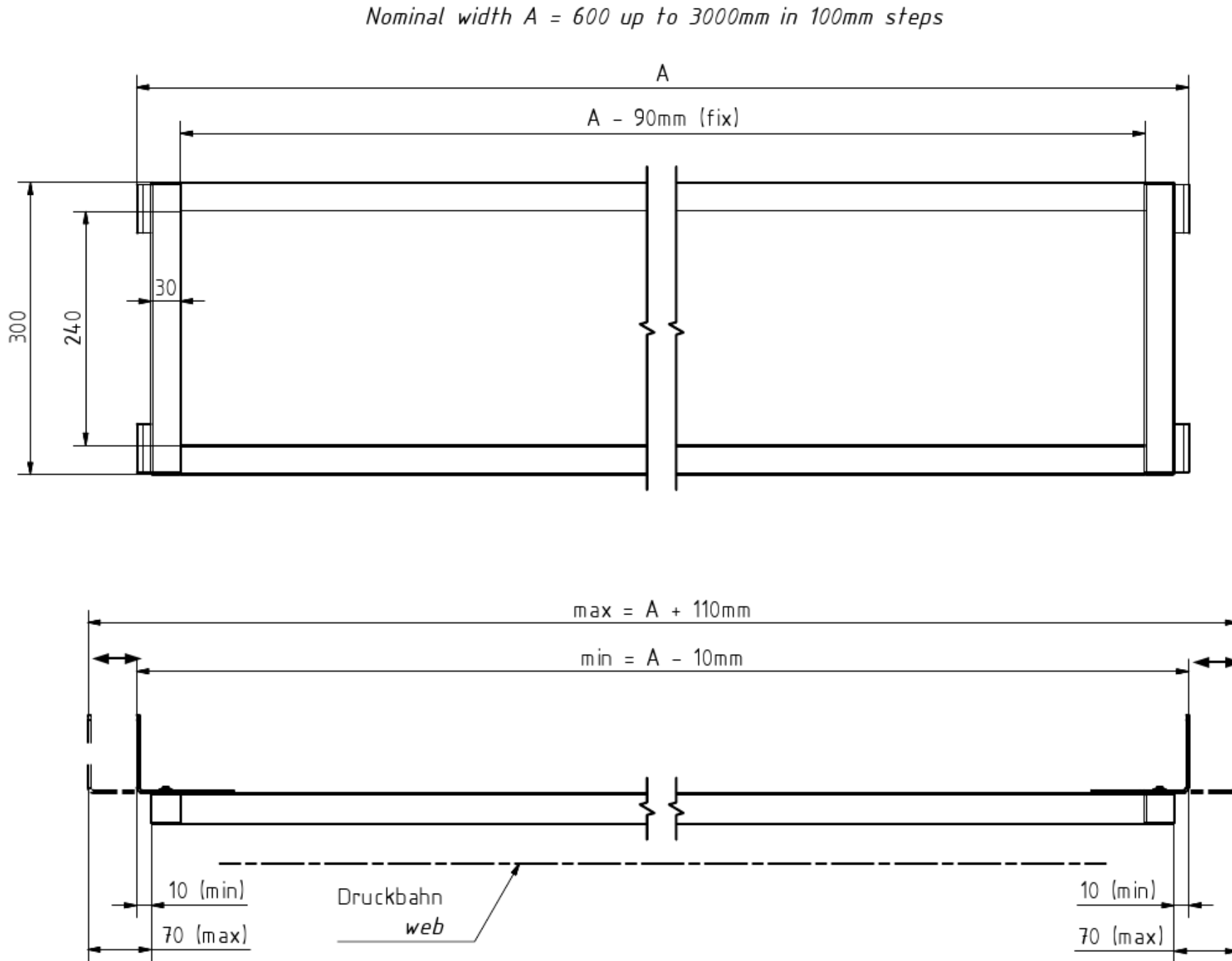


			date	29.08.2017	 BST eltromat INTERNATIONAL BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project : ASO038541		1014251		3		←
			user	Died		drawing : ASO038541_WA0019968				→	5	
			creat.	Died		customer : Bobst Group ItaliaS.p.A.						
modification	date	name	plot			system(s): iPQ-View		& ETB	=	+	4	

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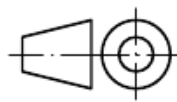
F
E
D
C
B
A



F
E
D
C
B
A

Allgemeintoleranzen nach / General tolerances according to DIN ISO 2768-mK						
0,5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000
±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2,0

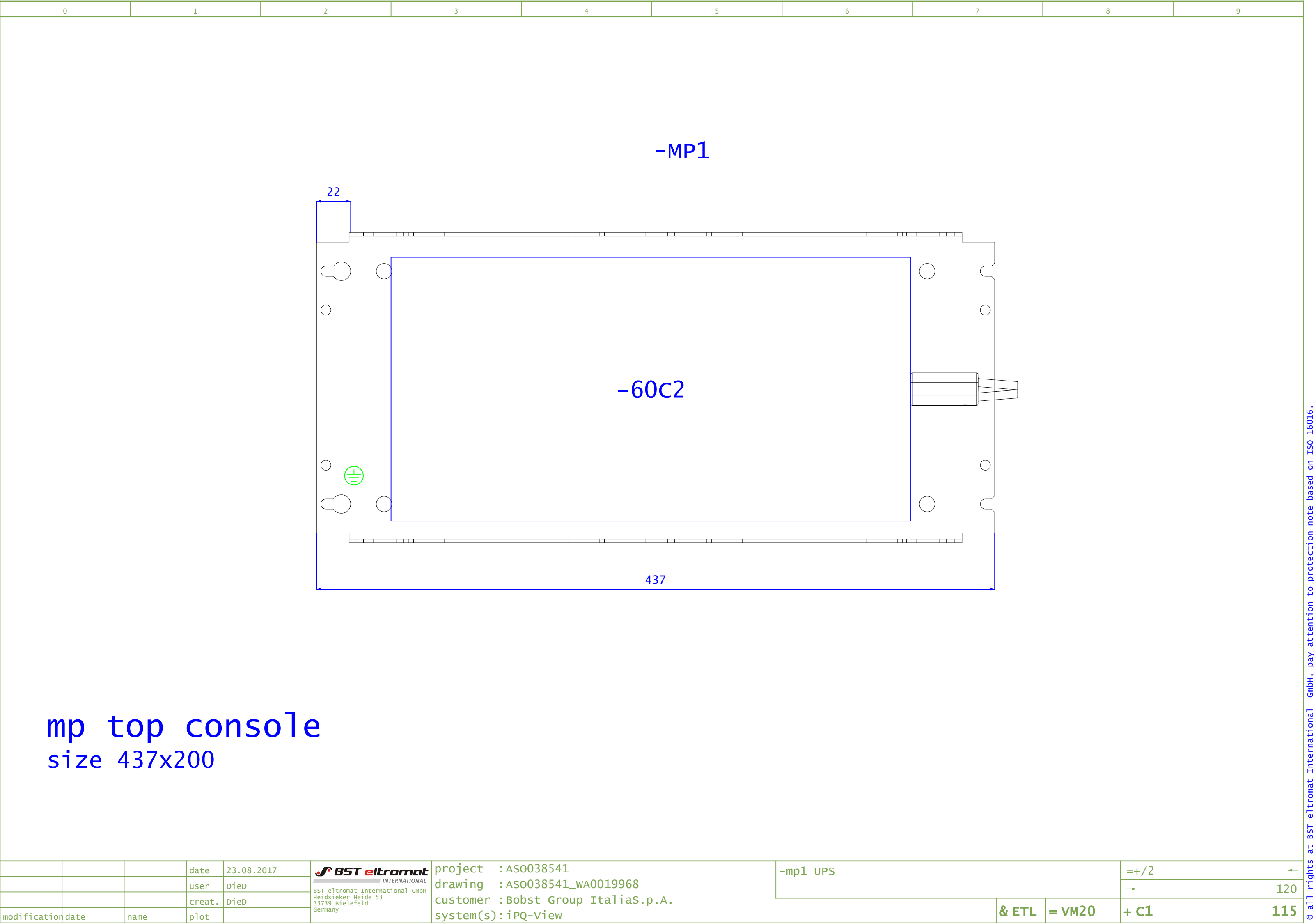
Kante o. Massangabe ISO 13715
edge o. measurement
Innenkante / inner edge
Aussenkante / outside edge



Fertigteil-Nr. part no.: 2BAZE240126	Erstellt durch: drawn by: SprT	Dokumentenart document type	Maßstab scale 1:5
Rohteil-Nr. raw part no.:	Genehmigt von: checked by: SprT	Benennung title Bahnhinterlegungsplatte web backplate Hinterlegungsfläche 240 x A-90 backing area 240 x A-90	Gewicht weight
Werkstoff material Halbzeug semi-finished	Zeichnungs-Nr.: drawing no.: iPQ1-E-1099		Ausgabedatum date of issue 13.10.2016
BST eltromat INTERNATIONAL		Rev. rev.	Seite page 1-1 A3

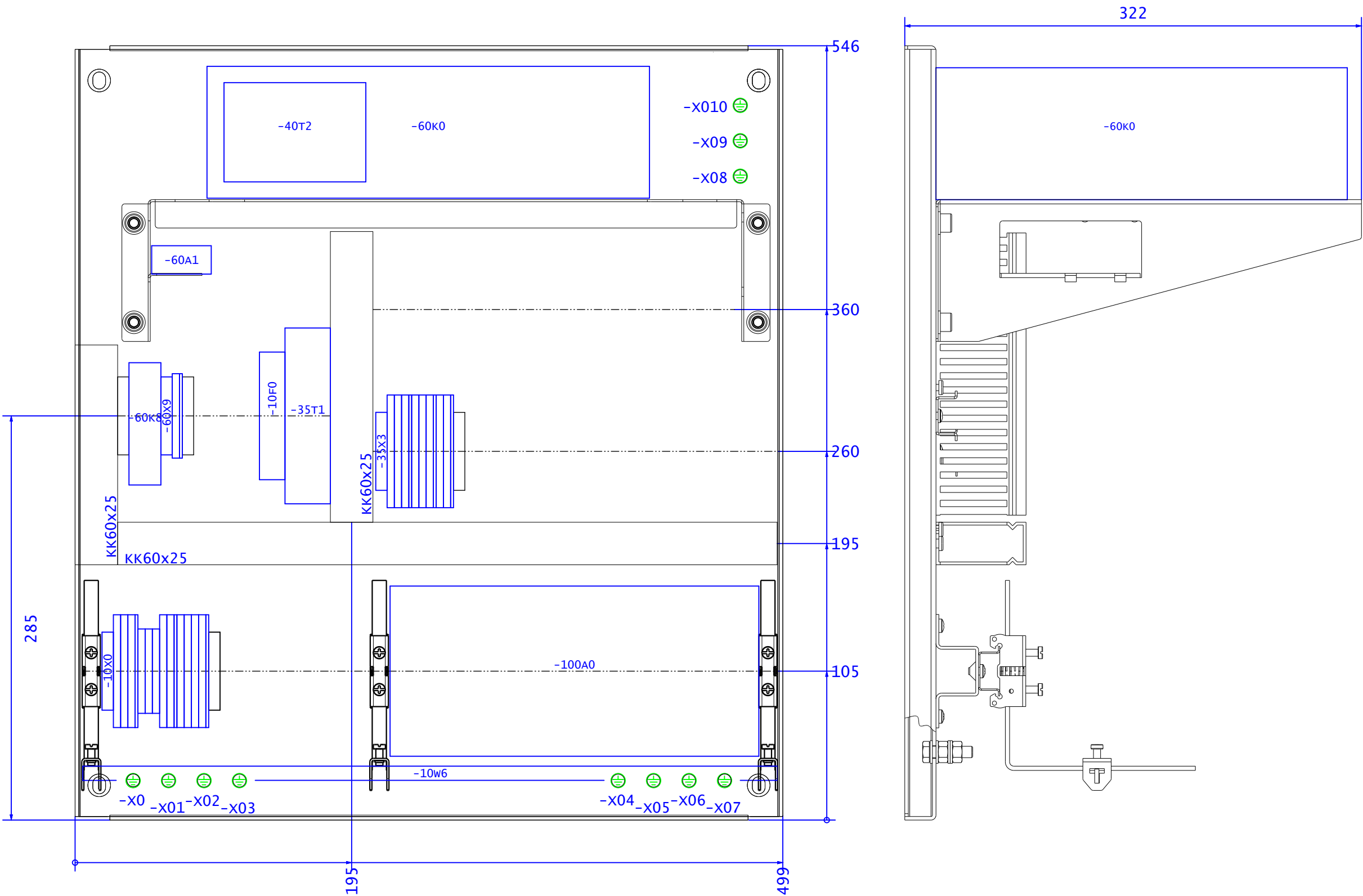
modification	date	name	plot	project : AS0038541	drawing : AS0038541_WA0019968	customer : Bobst Group Italia S.p.A.	system(s) : iPQ-View	iPQ1-E-1099	4	→	&ETL/1	5
	29.08.2017	Died							→			
									+			

0		1		2		3		4		5		6		7		8		9	
cabinet legend																			
device tag				Type number				part number				manufacturer				placement			
60C2				3S 700 IEC				0462000570				EATON-Moeller				&EFS=VM20+C1/60			



			date	23.08.2017	BST eltromat INTERNATIONAL BST eltromat International GmbH Heidsieker Heide 53 33739 Bielefeld Germany	project : AS0038541	-mp1 UPS		=+/2		←
			user	Died		drawing : AS0038541_WA0019968			→		120
			creat.	Died		customer : Bobst Group ItaliaS.p.A.					
modification	date	name	plot			system(s): iPQ-View		& ETL	= VM20	+ C1	115

-MP2



			date	29.08.2017	
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