




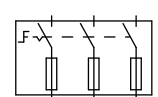
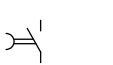

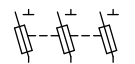
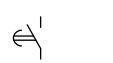
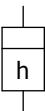
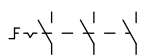
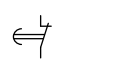
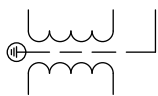

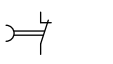

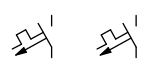
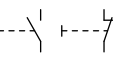


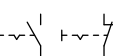

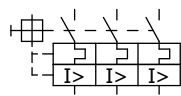
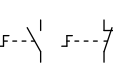


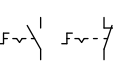


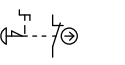


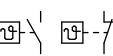


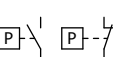



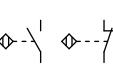




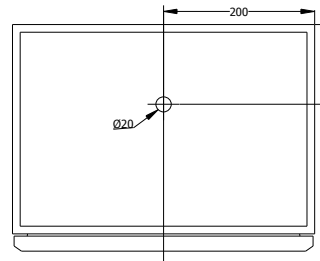


0	1	2	3	4	5	6	7	8	9
Revision	Date	Discription			Remark			Editor	
01	14-01-2010	Modification part list			Engineering ART4			FJK	
02	22-01-2010	Control wire color			Engineering ART4			FJK	
03	24-02-2010	EMC, Fan control and Cut out cabinet changed			Engineering ART4			HvdB	
04	10-03-2011	Update with page 6a and blastrac numbers			Engineering ART4			HvdB	
05	22-07-2011	Control box cables removed from Page 8			Engineering ART4			HvdB	
06	05-03-2012	wire Colours changed			Engineering ART4			HvdB	
07	16-05-2012	Power plugs removed, Plugs and cord supply by blastrac OKC			Engineering ART4			HvdB	
08	20-09-2012	Mounting holes changed for main switch on page 7,and on page 5			Engineering ART4			HvdB	

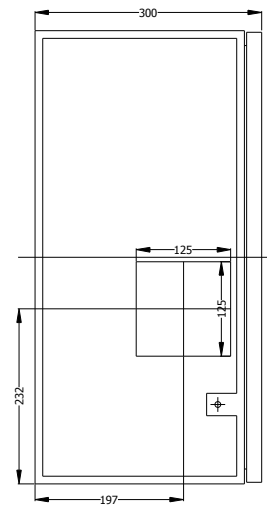


0	1	2	3	4	5	6	7	8	9
	auxiliary contact	hulpcontact		signal light	signaallamp		Safety fuse	smeltveiligheid	
	Power contact	vermogenscontact		horn	hoorn		Fused switch, three-pole	schakelbare scheider	
	NO contact, opens with time delay	maakcontact, vertraagd open		apm.meter	amperemeter		Fused disconnect, three-pole	scheider "klapbak"	
	NO contact, closes with time delay	maakcontact, vertraagd sluitend		runninghour counter	urenteller		Main switch	hoofdschakelaar	
	NC contact, opens with time delay	verbreekcontact, vertraagd open		transformer	transformator		Circuit breaker, single-pole	installatieautomaat 1-polig	
	NC contact, closes with time delay	verbreekcontact, vertraagd sluitend		Contactor coil relay coil	spoel		Circuit breaker, two-pole	installatieautomaat 2-polig	
	Pushbotton rebound	drukknop terugverend		Contactor/relay coil, with pick-up delay	Spoel met opkomvertraging		Circuit breaker, three-pole	installatieautomaat 3-polig	
	Pushbotton locking	drukknop blijvend		Contactor/relay coil, with drop-out delay	spoel met afvalvertraging		Power circuit breaker motor overload switch with switch mechanism	motorbeveiligingsschakelaar	
	Rotary switch rebound	tip draaischakelaar		Contactor pulse coil relay pulse coil,	spoel puls		Valve	elektrisch bediende klep	
	Rotary switch locking	draaischakelaar		Tube light	TL verlichting		Resistor with movable contact	regelbare weerstand	
	Emergency stop rotary unlock	noodstop met draaibare vrijgave		Resistor / Heating	weerstand verwarming		Terminal	rijgklem	
	Thermostatic switch	thermostaat hygrostaat		Socket	wandcontactdoos		Terminal with fuse	rijgklem metzekering	
	Pressure switch	drukschakelaar		Current transformer	stroomtransformator		Rectifier	gelijkrichter	
	Limit switch	eindschakelaar							
	Proximity switch	naderingsschakelaar							

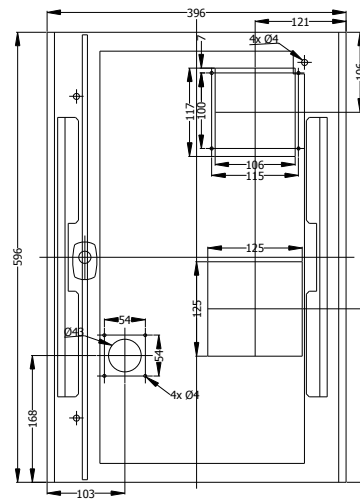
TOP VIEW



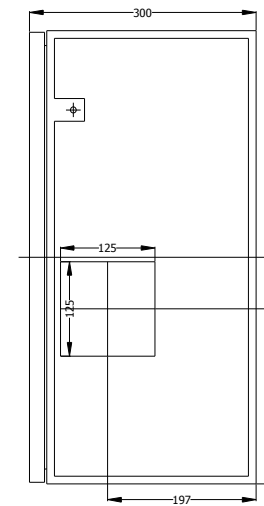
LEFTHAND VIEW  
(Fan)



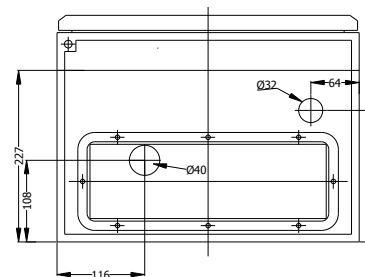
FRONT VIEW

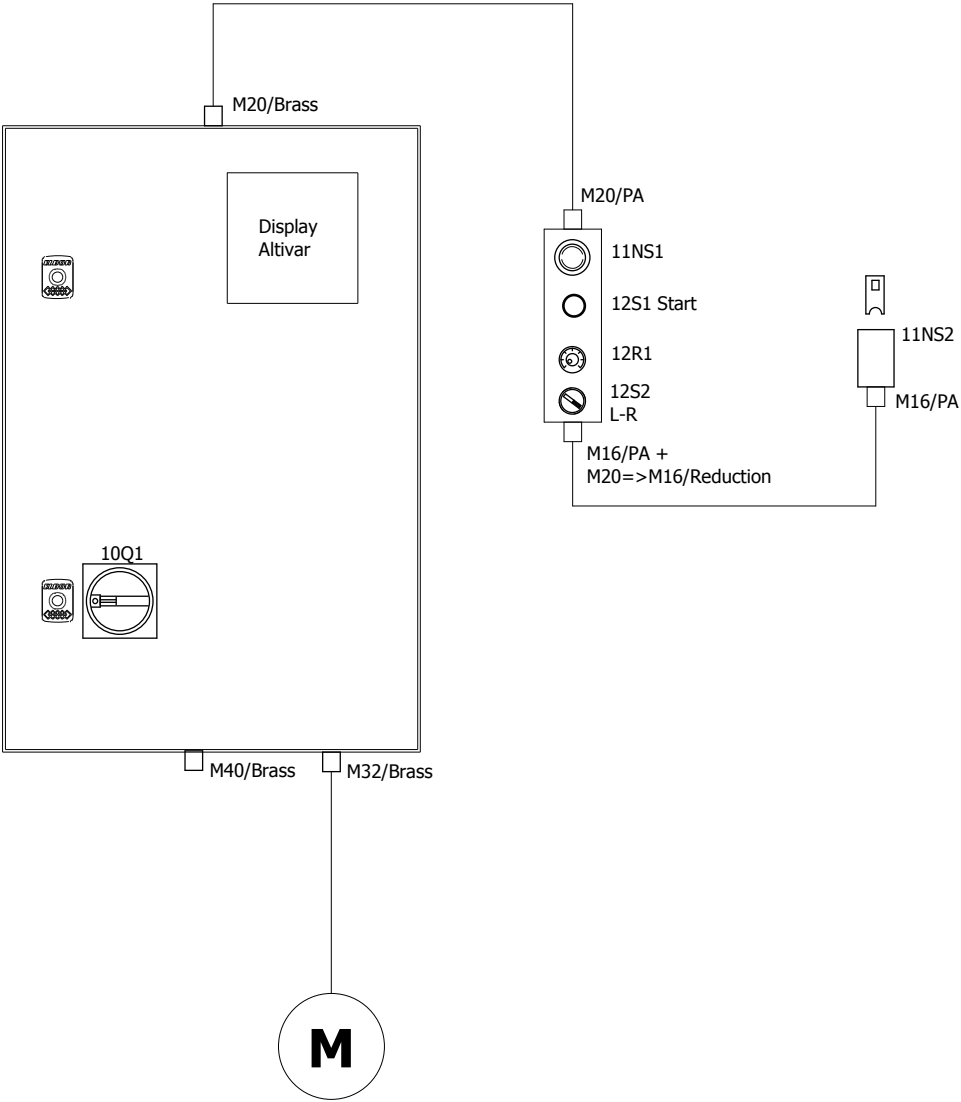


RIGHTHAND VIEW  
(Filter)

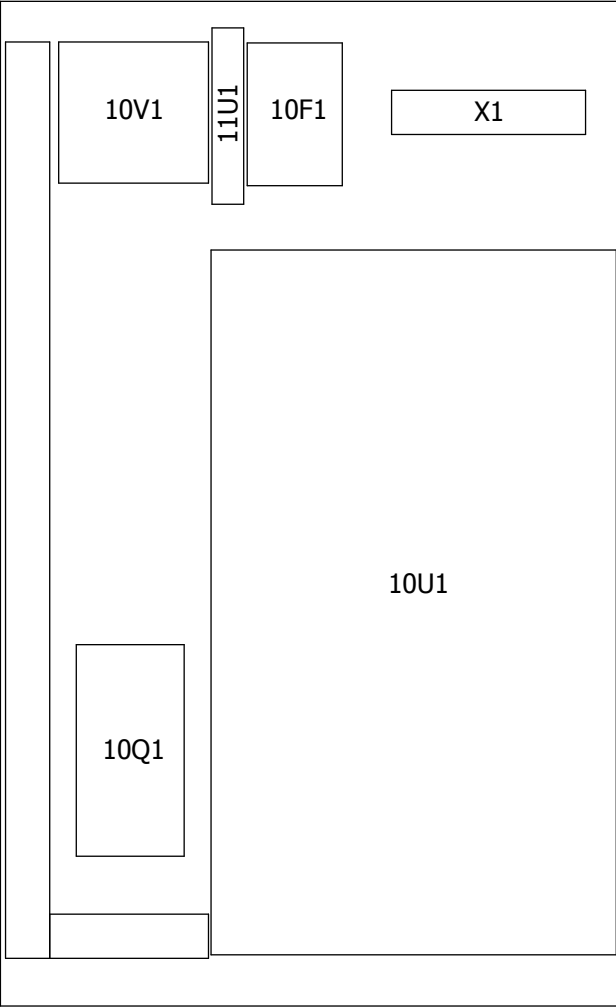


BOTTOM VIEW

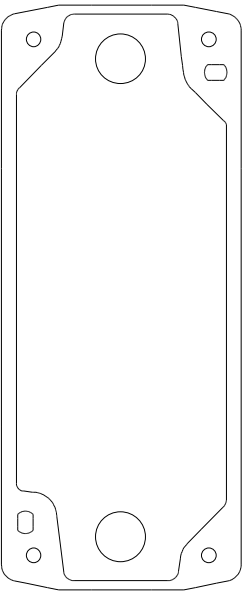




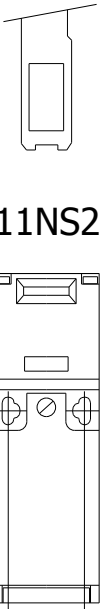
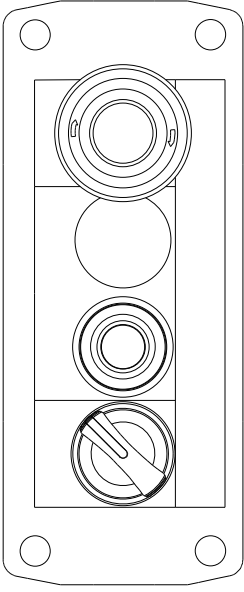
Mounting plate



BMG\_C



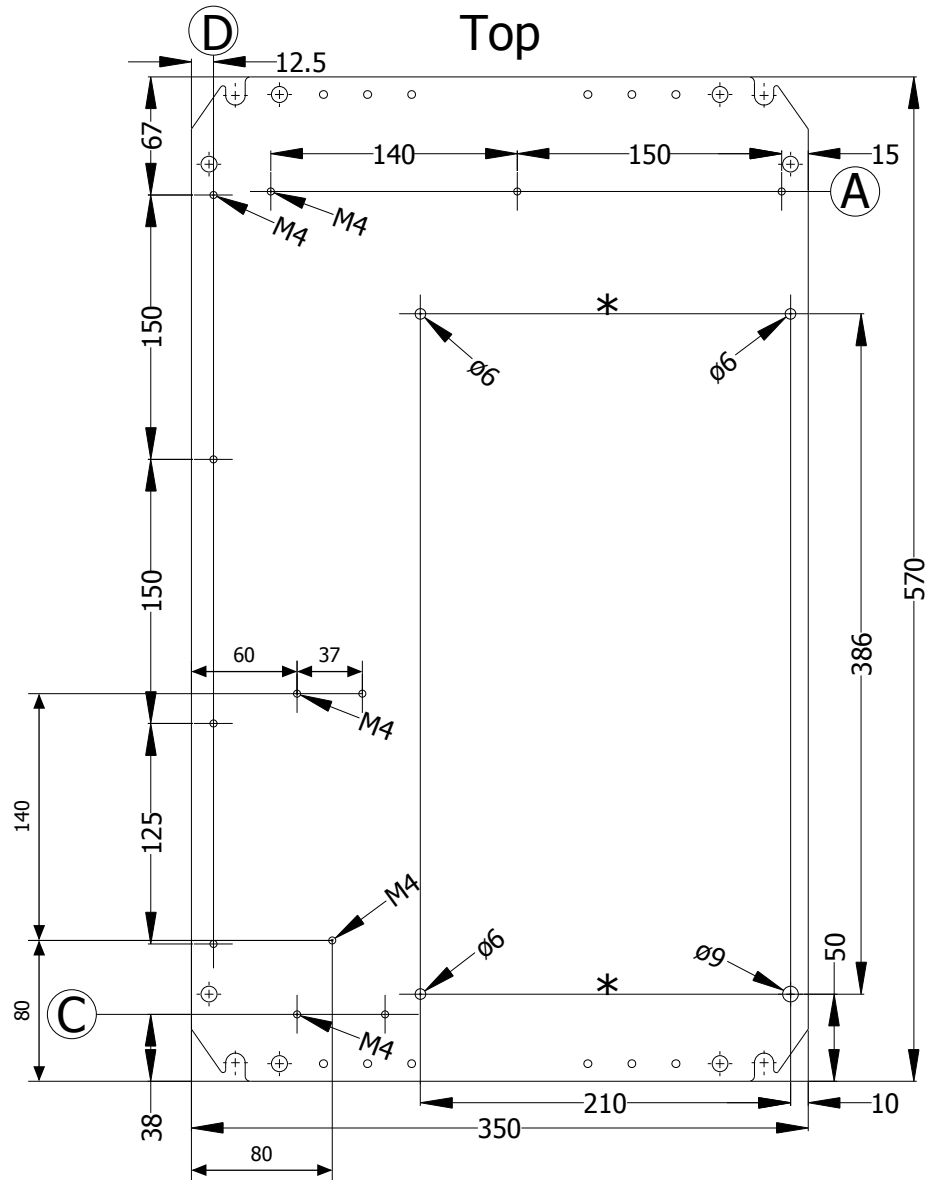
11NS1  
11S1  
12R1  
12S1



Part no.: BMG CONTROLBOX SC  
CONSIST OF:

1x	XCS-PA792	Safety switch
1x	XCS-11	Straight actuator
1x	XAL-DO4	Box with for button pos.
1x	ZB5-AD2	2 pos. switch
1x	ZB5-AS844	Emergency stop
2x	ZEN-L1111	NO contact
3x	ZEN-L1121	NC contact
1x	ZB5-AD912	Potmeter head Black
1x	ZB5-AA333	Pushbutton green/start
1x	POTMETER 10K OHM	Potm.10k Ohm 4W-500V
2mtr	JOBA PU-TPE 16*0.75	Pur TPE 16*075 cable
1x	GLAND PA M20*1.5	Cable gland M20
2x	GLAND PA M16*1.5	Cable gland M16
2x	Gland nut PA M20	Gland Nut M20
1x	REDUCTION RING PA M20M16	Reducer M20>M16
0.5mtr	CONTROLCABLE 4*1	PVC cable numbered 1-3 +PE
8x	G 490	ferrule
32x	G 489	ferrule
1x	RESOPAL BMG SC ST-DR 120*14	left/right-speed-start-emergency stop

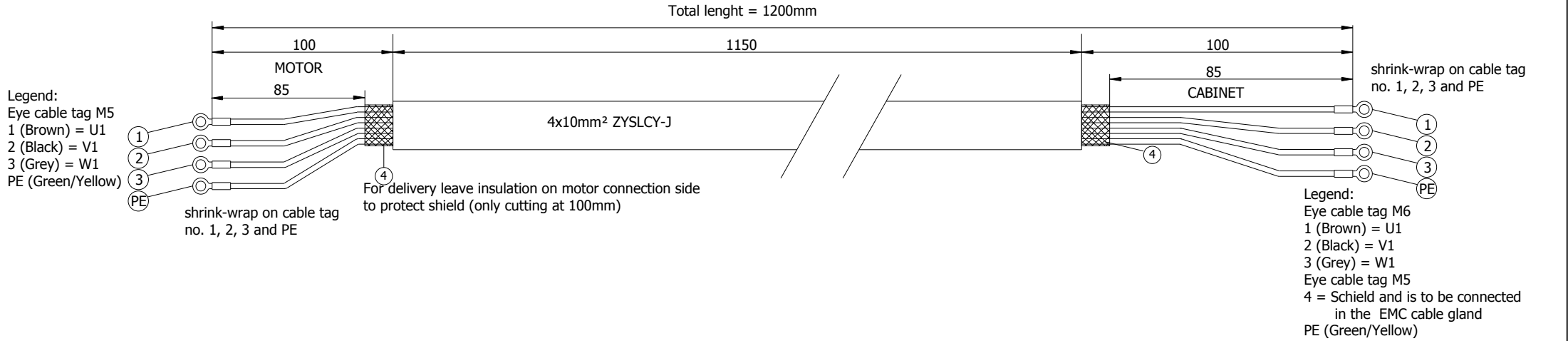
# Mounting plate

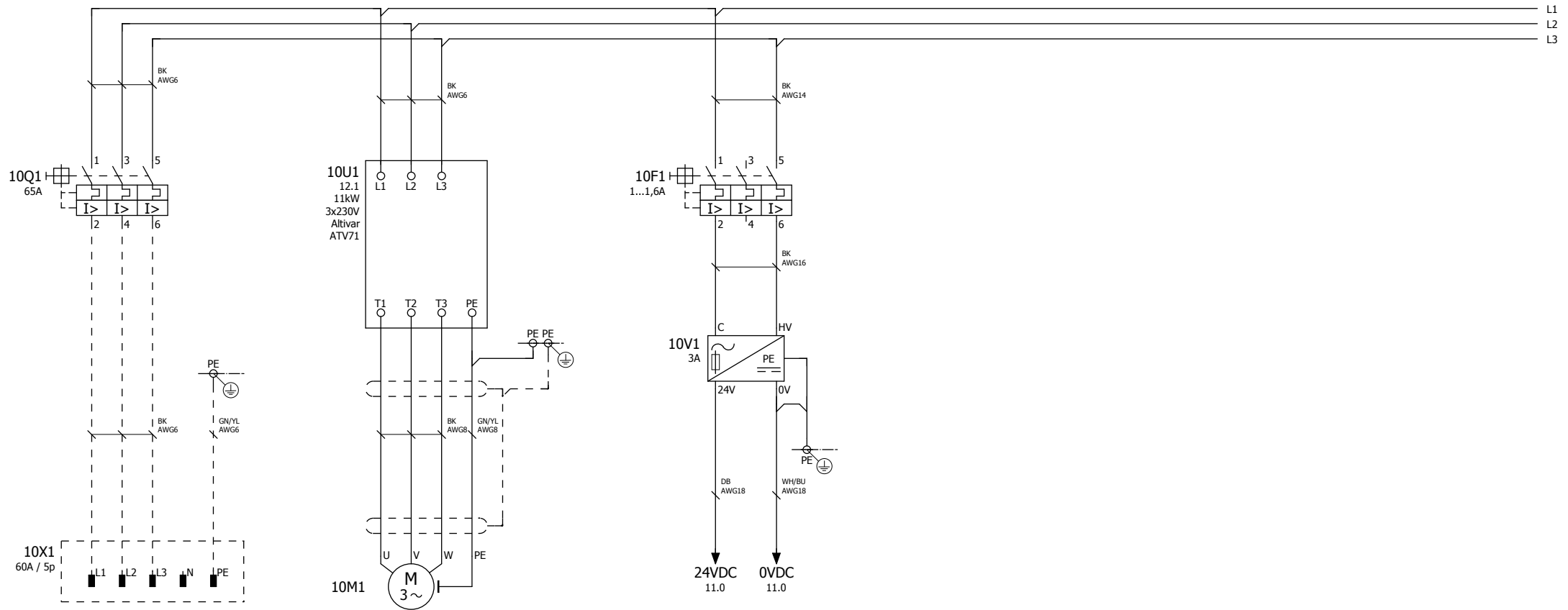


- A = DIN-rail L=320mm (3xM4)
- B = DIN-rail L=90mm (2xM4)
- C = Cable conduit 25x60mm L=90mm (2xM4)
- D = Cable conduit 25x60mm L=520mm (4xM4)

Note \*) transport securing ATV71H mounted in this position under mountingplate

				Date	20-9-2012	Project name:  BMG-735Pro SC UL 230V E06866/UL230		Page description:  Mounting plate	Customer:	Blastrac bv.	=
				Ed.					+		
				Appr							
Modification	Date	Name	Last print	20-9-2012					Drawing number:	PJ09.01037.08	Page

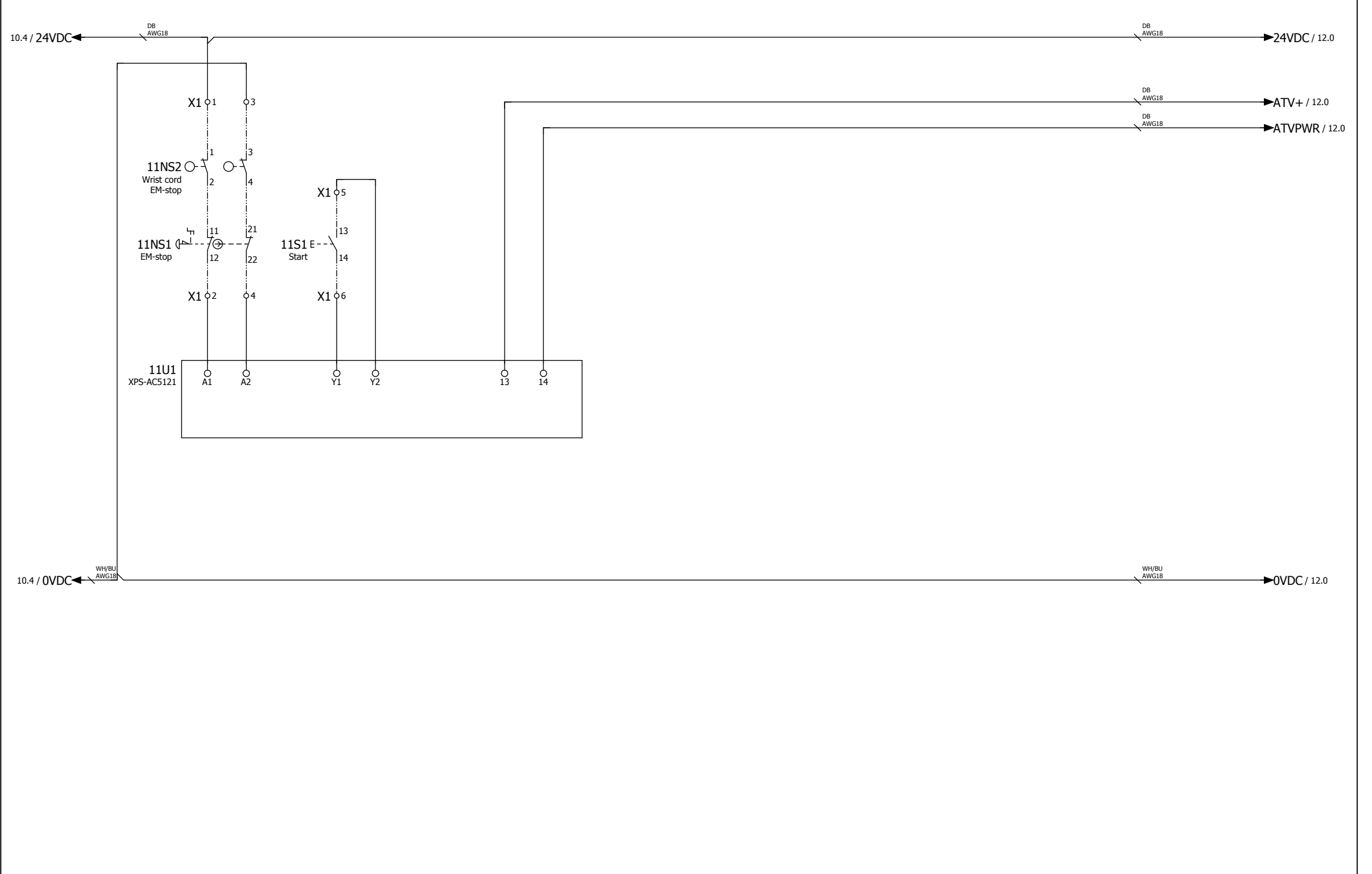


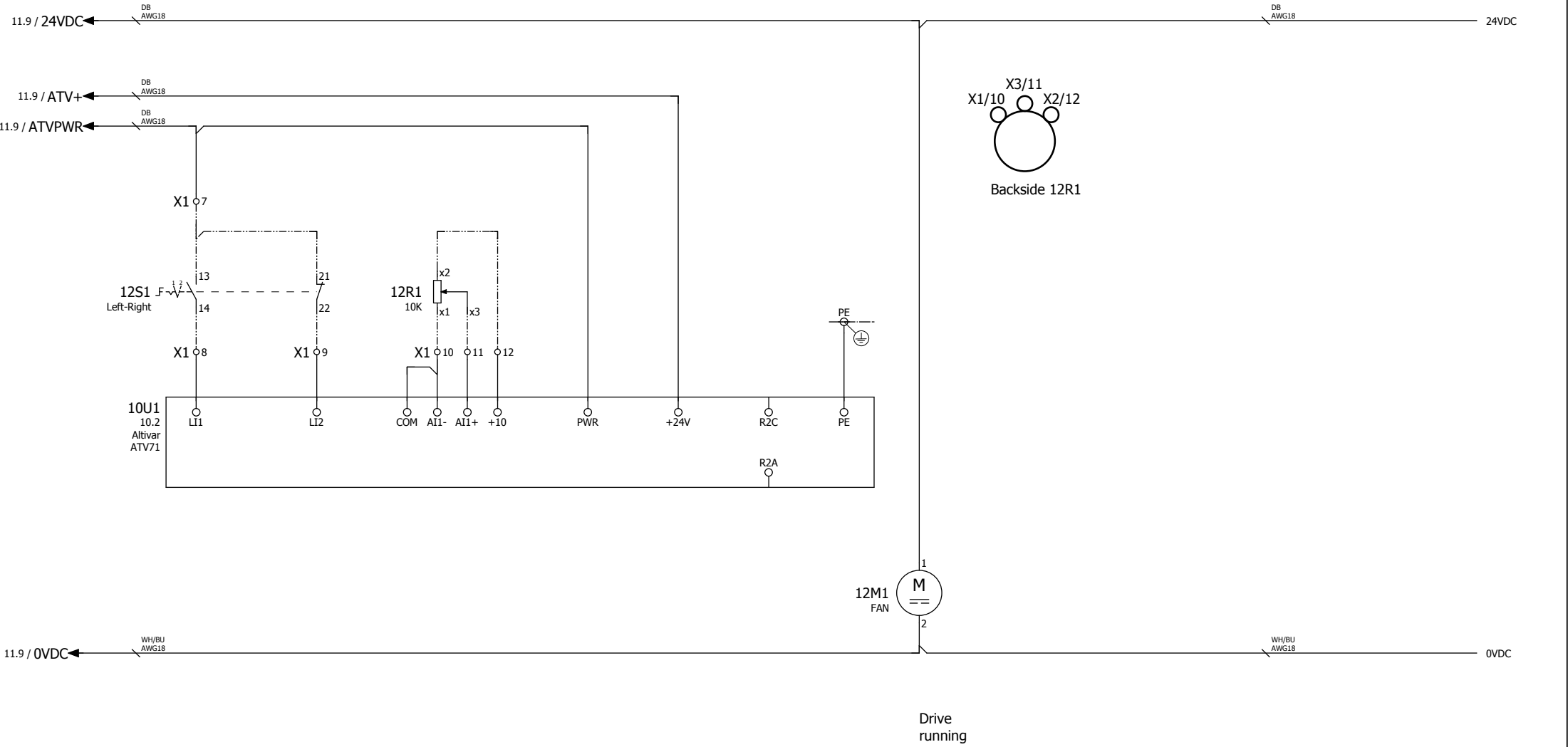


Supply CEE-form  
3x230Vac 60Hz

Motor 11kW  
3x230Vac 60Hz  
In=42A

Control voltage  
24Vdc





Terminal diagram

F13\_001

function text							Cable name	Strip X1 Terminals 24Vdc					Cable name					Page / column
								Target designation	Connection point	terminal	jumper	Target designation						
								11NS2	1	1	•	10V1						11.1
												12M1						
								11NS1	12	2	•	11U1						11.1
								11NS2	3	3	•	10V1						11.1
												12M1						
								11NS1	22	4	•	11U1						11.1
								11S1	13	5	•	11U1						11.2
								11S1	14	6	•	11U1						11.2
								12S1	13	7	•	11U1						12.1
												10U1						
								12S1	14	8	•	10U1						12.1
									22	9	•	10U1						12.2
								12R1	x1	10	•	10U1						12.2
								12R1	x3	11	•	10U1						12.3
								12R1	x2	12	•	10U1						12.3

## Mod

Mod

© ART4 Technical Systems, Soest NL