
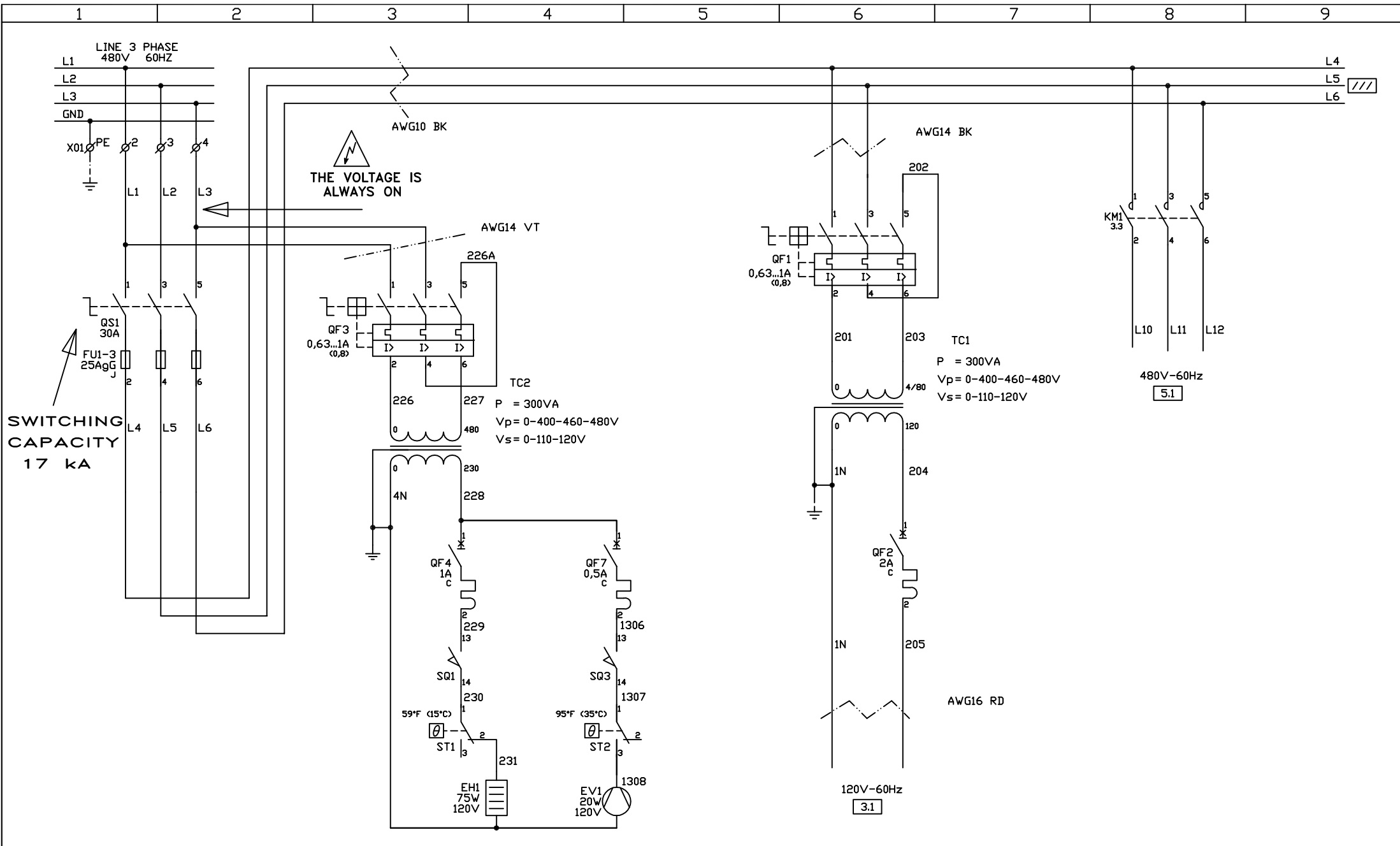


EQUIPMENT MODEL <u>XYVVZZZZ0130</u>	SGM ORDER NO. <u>W1740385S</u>
	CUSTOMER <u>SGM Gantry S.p.A.</u> ...
DATA <u>Vca 480V - 60Hz Three-phase</u>	SERIAL NO. <u>17/1360</u>

FUNCTION DESCRIPTION AND EQUIPMENT DRAWINGS

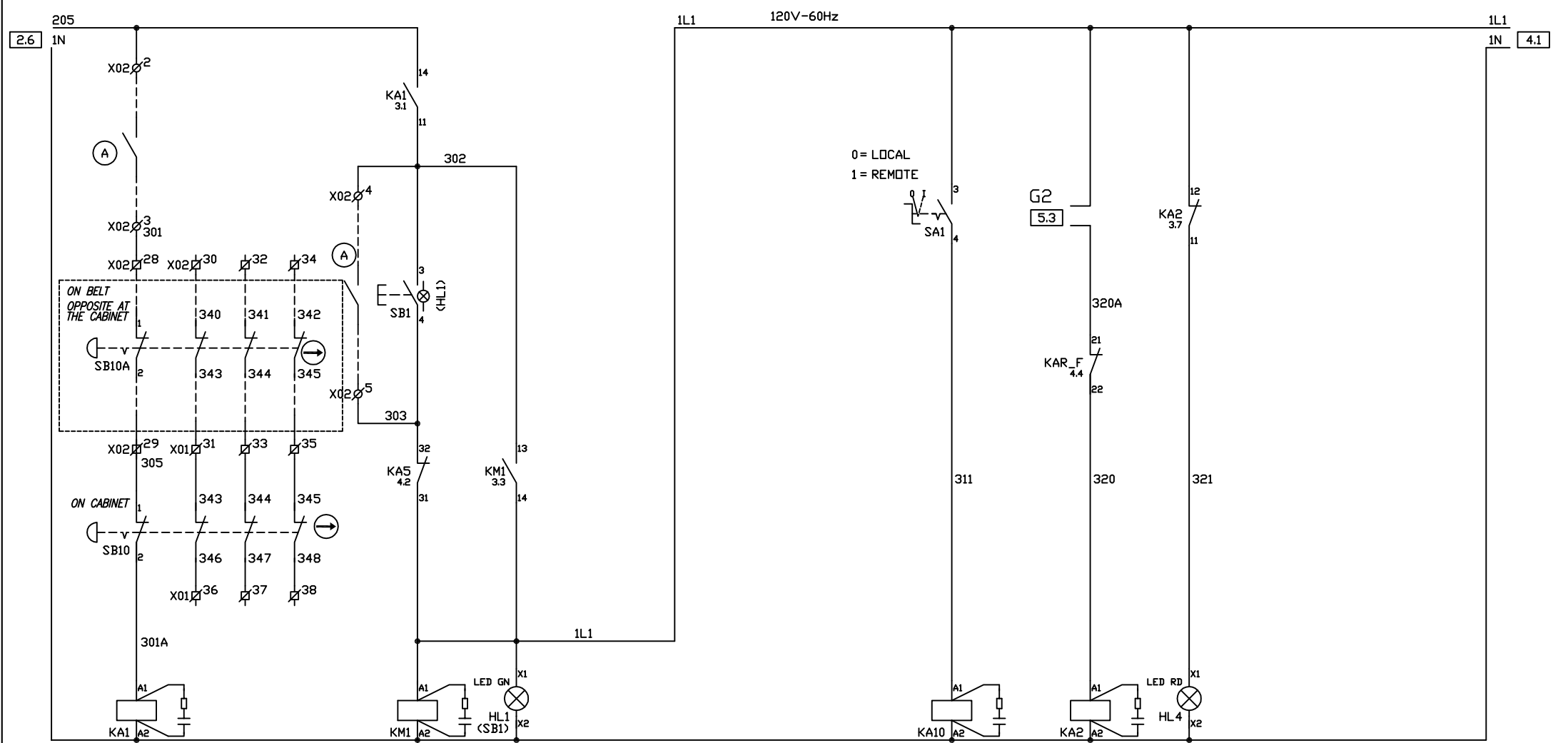
SHEET	REV.	DENOMINATION	SHEET	REV.	DENOMINATION
1	00	Index	11	00	Location diagram
2	00	Distribution power supply	List 1	00	List of components
3	00	Auxiliary circuit			
4	00	Auxiliary circuit			
5	00	Motor supply			
6	00	///			
7	00	Interface contacts			
8	00	Terminal board X01 - Power			
9	00	Terminal board X02 - Interface			
10	00	Cubicle			

Rev.	Date	Modification subject	Designed	Checked	Approved	 SGM Gantry S.p.A. ENGINEERING AND PRODUCTION OF MAGNETIC EQUIPMENT	Description: INDEX	Job n°	W1740385S	Sheet 1 of 11
00	09.05.17	Issued for approval	A.B.	F.G.	F.G.					
								Design n°	282-Y33735	To be con. 2



SUPPLY DISCONNECTING	x	HEATER	x	FAN	x	AUXILIARY 120V-60Hz SUPPLY	x	MOTOR POWER SUPPLY	x		
Rev.	Date	Modification subject	Designed	Checked	Approved	Description:			Job n°	W1740385S	Sheet 2 of 11
00	09.05.17	Issued for approval	A.B.	F.G.	F.G.	POWER SUPPLY			Design n°	282-Y33735	To be con. 3
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14 11 3.3	1 2 2.8	14 11 4.3	14 11 3.7
12 21 2.8	3 4 2.8	12 21 4.3	12 21 7.1
24 21 2.8	5 6 2.8	24 21 4.8	24 21 4.3
22 31 3.3	13 14 3.3	34 31 7.4	34 31 4.3
34 31 3.3	53 54 7.5	32 31 4.3	44 41 4.3
44 41 4.1	61 62 7.5	44 41 7.4	42 41 4.1
42 41 4.1	71 72 7.5		
	83 84 7.5		

(A) = REMOTE CONTACT

EMERGENCY RELAY	x	CONTACTOR AND LAMP POWER ON	x	LOCAL/REMOTE RELAY	x	RELAY AND LAMP FAULT	x
Rev. Date	Modification subject	Designed	Checked	Approved	Description:	Job n°	W1740385S
00	09.05.17	Issued for approval	A.B.	F.G.	AUXILIARY CIRCUIT	Sheet	3 of 11
						Design n°	282-Y33735
According to the law we reserve the right of ownership as for this drawing; its reproduction or notification to third parties or competitors is not allowed without previous authorisation.						To be con.	4



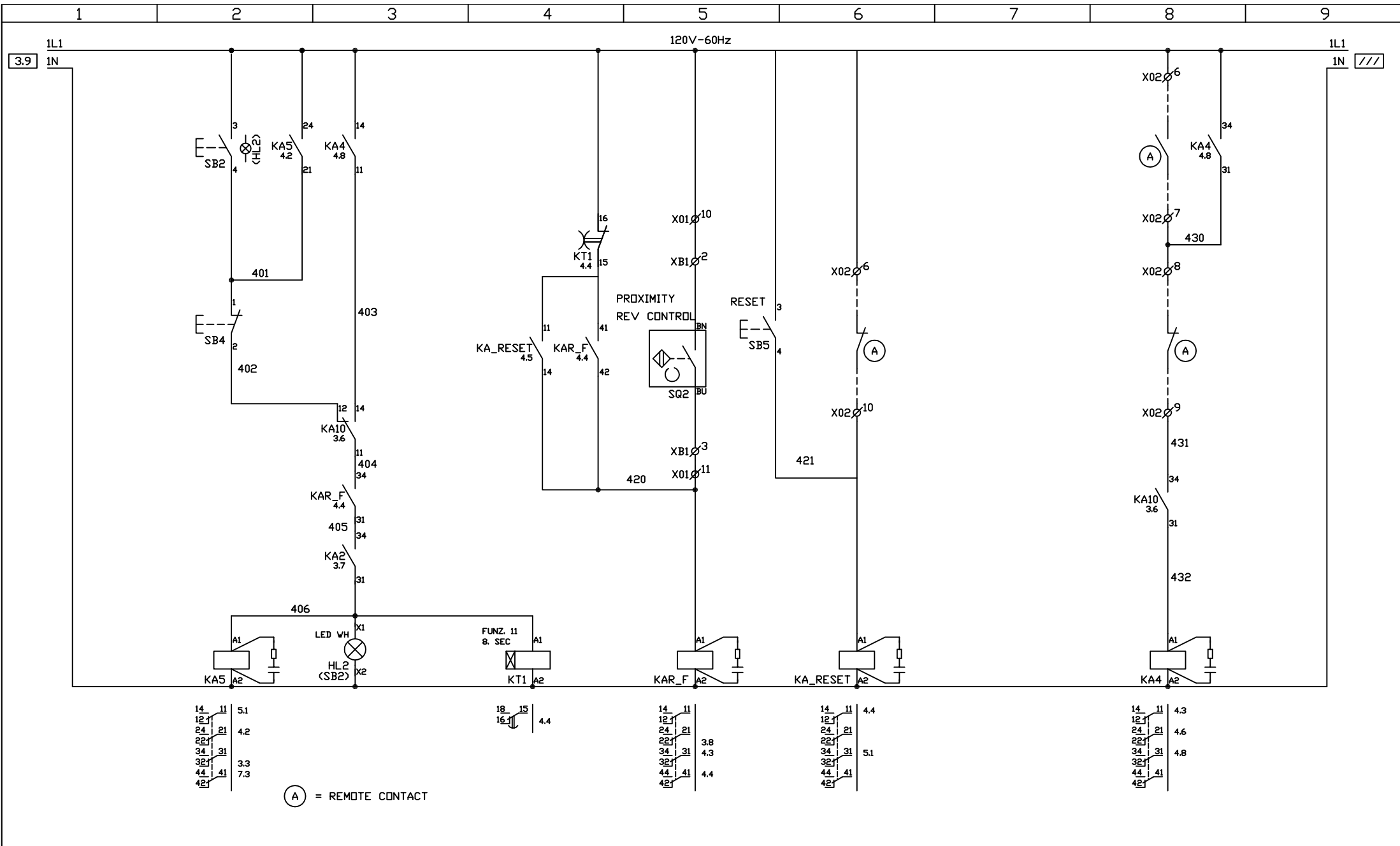
Description: AUXILIARY CIRCUIT

Job n° W1740385S

Sheet 3 of 11

Design n° 282-Y33735

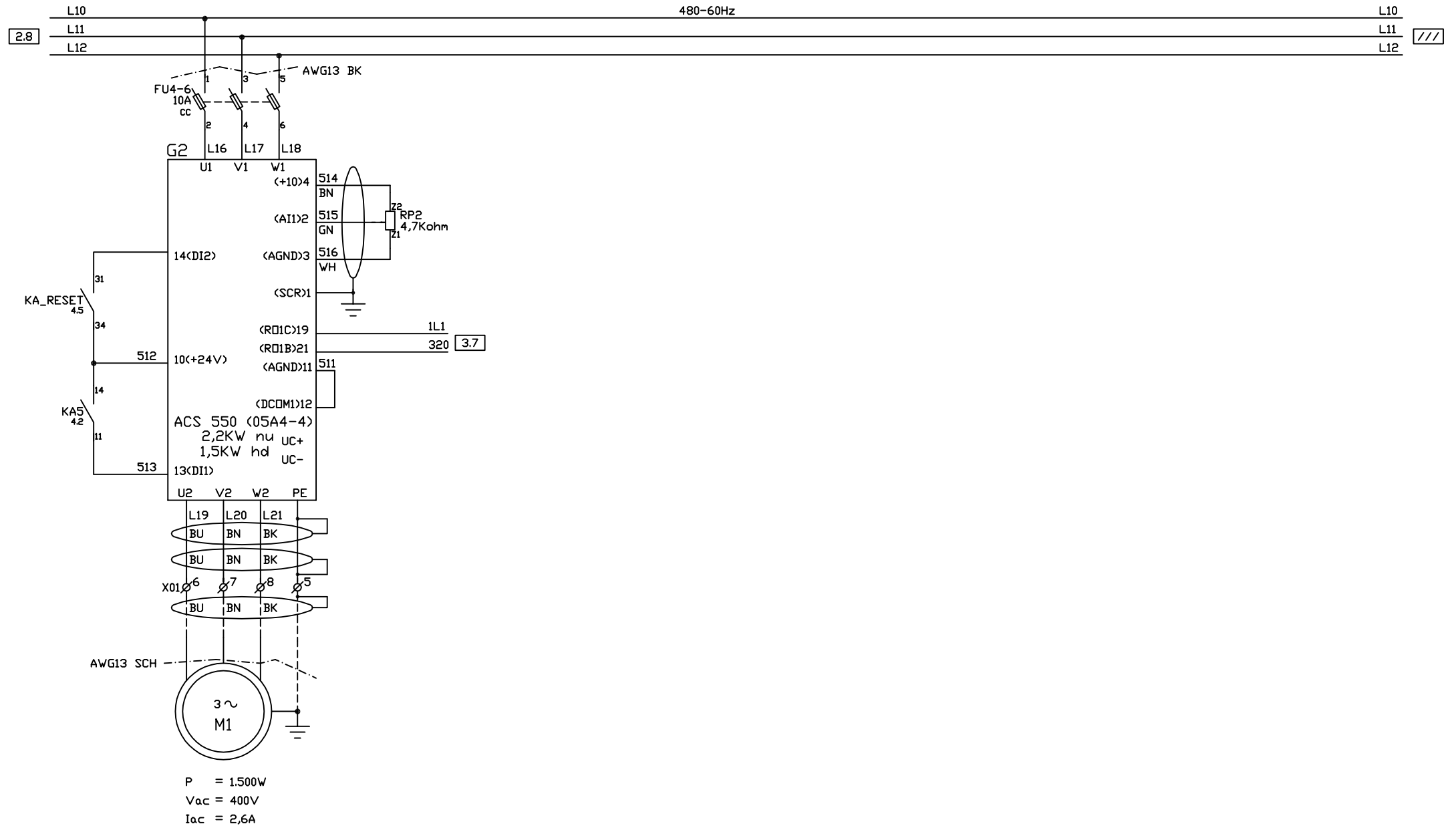
To be con. 4



x	x	START BELT CONTACTOR	START BELT LAMP	DELAY CONTROL REV.	RELAY CONTROL REV.	RELAY RESET	x	RELAY START FROM REMOTE	x		
x	x						x		x		
Rev.	Date	Modification subject			Designed	Checked	Approved	Description: AUXILIARY CIRCUIT	Job n°	W1740385S	Sheet 4 of 11
00	09.05.17	Issued for approval			A.B.	F.G.	F.G.		Design n°	282-Y33735	To be con. 5
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480-60Hz

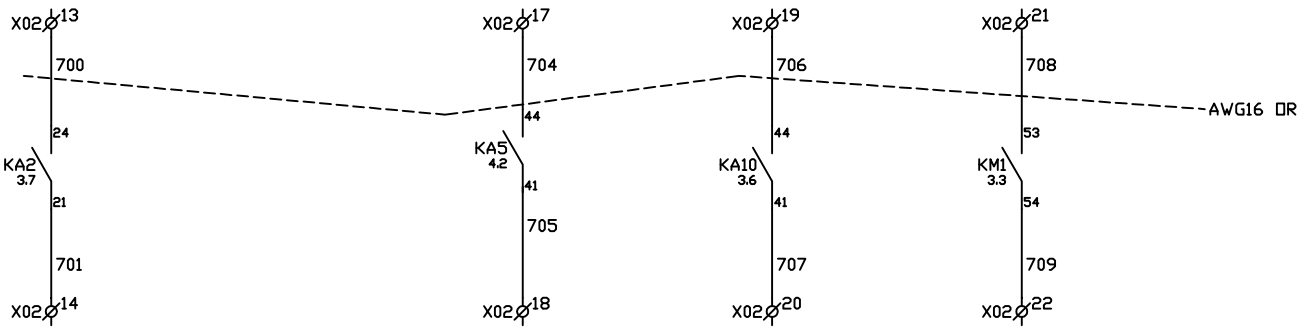



x	x	BELT MOTOR	x	x	x	x	x	x	x	
Rev.	Date	Modification subject	Designed	Checked	Approved	SGM Gantry s.p.a. <small>ENGINEERING AND PRODUCTION OF MAGNETIC EQUIPMENT</small>	Description: MOTOR SUPPLY	Job n°	W1740385S	Sheet 5 of 11
00	09.05.17	Issued for approval	A.B.	F.G.	F.G.			Design n°	282-Y33735	To be con. 6



<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>
<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>
Rev.	Date	Modification subject	Designed	Checked	Approved	Description:	Job n°	Sheet
00	09.05.17	Issued for approval	A.B.	F.G	F.G.	///	W1740385S	6 of 11
							Design n° 282-Y33735	To be con. 7
According to the law we reserve the right of ownership as for this drawing; its reproduction or notification to third parties or competitors is not allowed without previous authorisation.								

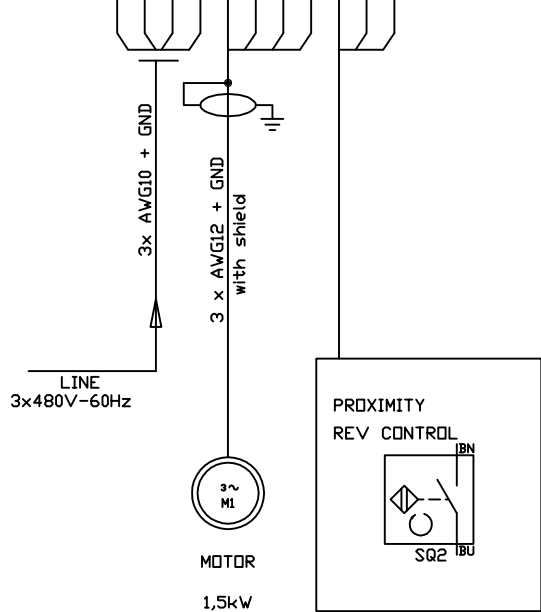





READY AND ABSENCE OF FAILURE	x	SYSTEM RUNNING	x	REMOTE CONTROL	x	MACHINE ON	x	x	x	x						
Rev.	Date	Modification subject			Designed	Checked	Approved	 SGM Gantry s.p.a. ENGINEERING AND PRODUCTION OF MAGNETIC EQUIPMENT	Description:	Job n°	W1740385S	Sheet 7 of 11				
00	09.05.17	Issued for approval			A.B.	F.G.	F.G.						INTERFACE CONTACTS	Design n°	282-Y33735	to be con. 8
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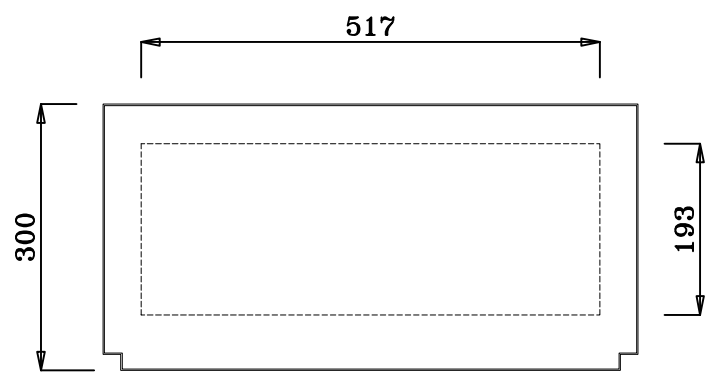
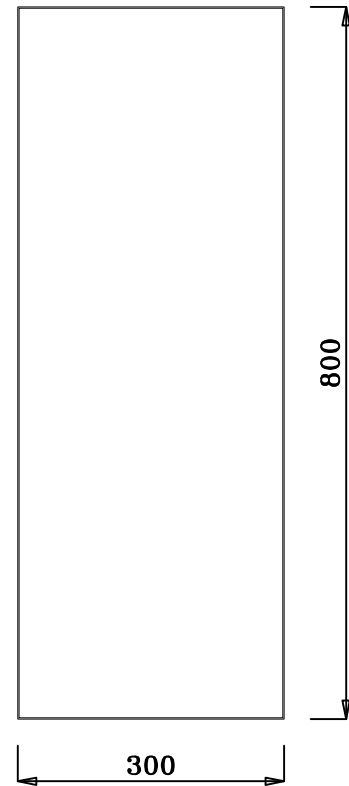
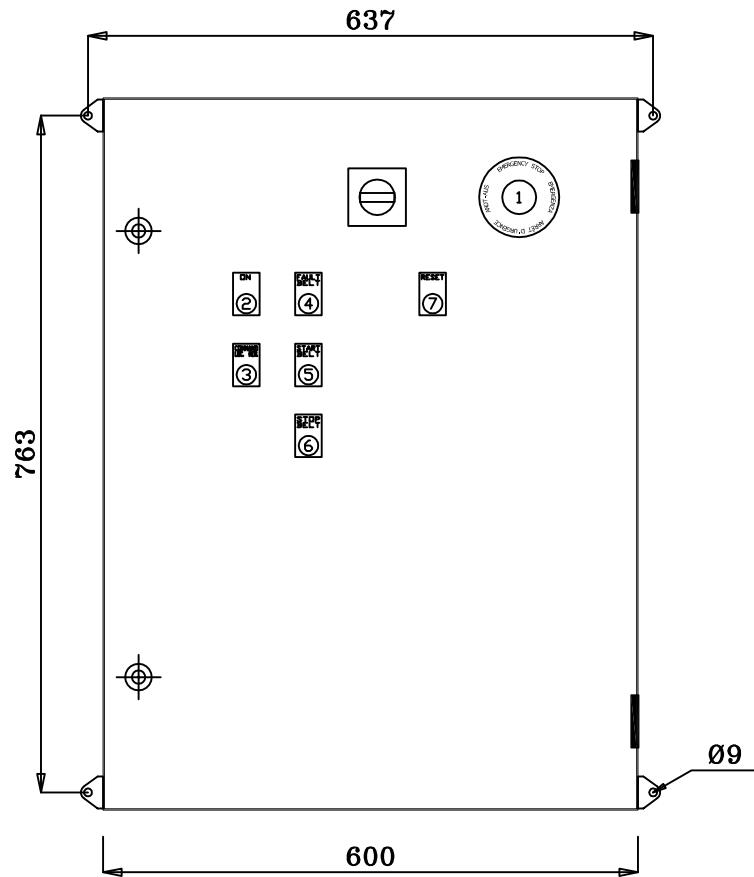
1	JUMPER BRIDGE
2	TERMINAL No
3	CABLE No
4	SHEET
5	TERMINAL MODEL
6	INTERNAL SECTION (AWG)

1	2	3	4	5	6
o PE	GND	L1	L2	L3	UT10-PE 10
o 2	L1	L2	L3	UT10	UT10
o 3	L2	L3	UT6-PE 12	UT6	UT6
o 4	L3	UT6-PE 12	UT6	UT6	UT6
o 5	GND	L19	L20	L21	UT6-PE 12
o 6	L19	L20	L21	UT6	UT6
o 7	L20	L21	UT2,5-PE 16	UT2,5	UT2,5
o 8	L21	UT2,5-PE 16	UT2,5	UT2,5	UT2,5
o 9	GND	1L1	420	04	UT2,5-PE 16
o 10	1L1	420	04	UT2,5	UT2,5
o 11	420	04	UT2,5	UT2,5	UT2,5
o 12	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 13	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 14	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 15	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 16	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 17	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 18	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 19	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 20	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
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o 22	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 23	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 24	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 25	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 26	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 27	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 28	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 29	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 30	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 31	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 32	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
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o 34	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 35	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 36	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 37	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 38	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 39	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
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o 48	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
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o 52	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 53	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 54	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 55	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
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o 59	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 60	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 61	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 62	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 63	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 64	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5
o 65	UT2,5	UT2,5	UT2,5	UT2,5	UT2,5



Rev.	Date	Modification subject	Designed	Checked	Approved	 SGM Gantry S.p.A. ENGINEERING AND PRODUCTION OF MAGNETIC EQUIPMENT	Description: TERMINAL BOARD X01 POWER	Job n°	W1740385S	Sheet 8 of 11
00	09.05.17	Issued for approval	A.B.	F.G.	F.G.			Design n°	282-Y33735	To be con. 9


According to the law we reserve the right of ownership as for this drawing; its reproduction or notification to third parties or competitors is not allowed without previous authorisation.

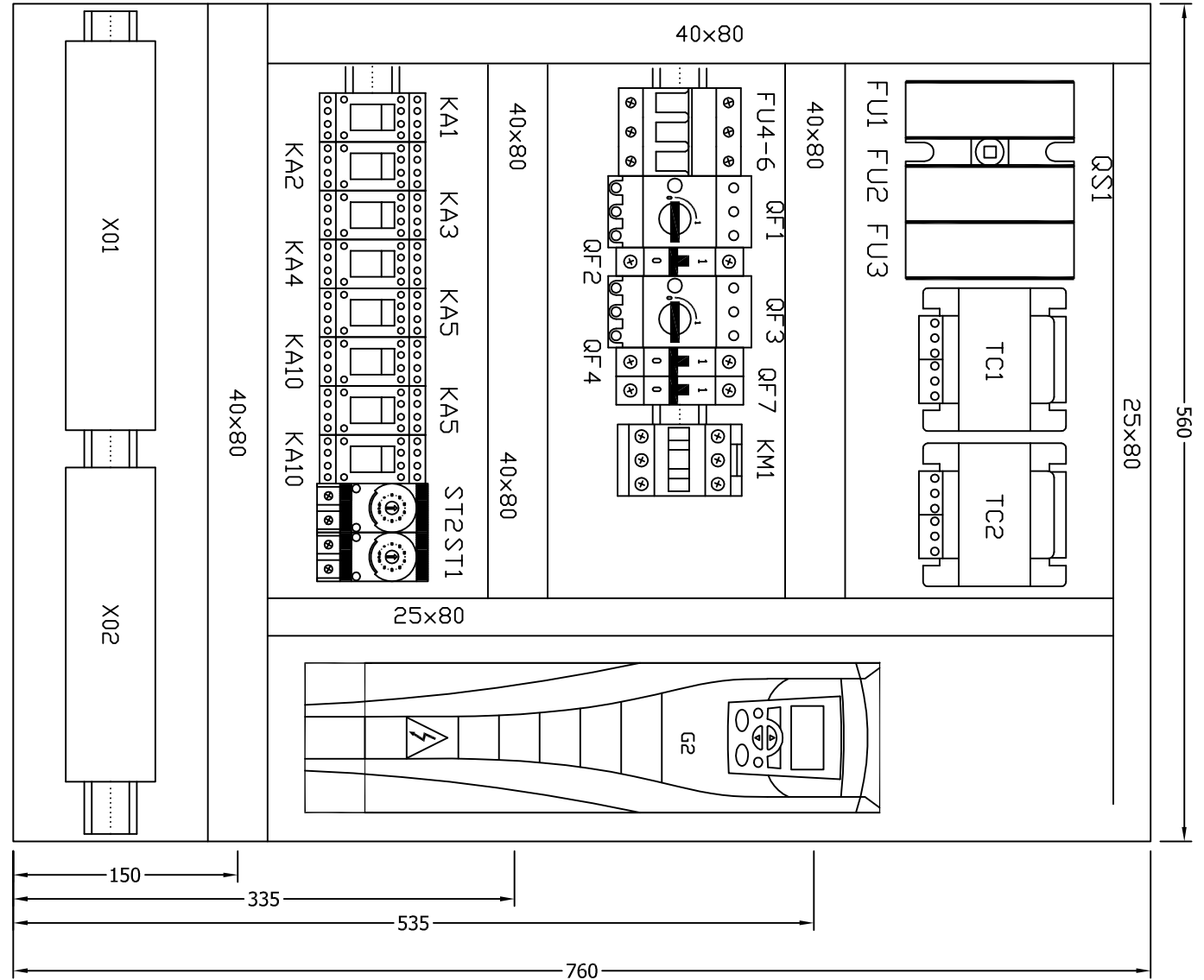


SRN8630K	
800	HEIGHT
600	WIDTH
300	DEPTH
50 Kg	WEIGHT
RAL 7035	COLOUR
15/10	CUBICLE THICKNESS
20/10	DOOR THICKNESS
20/10	INTER.PANEL THICKNESS
IP65	DEGREE OF PROTECTION


- 1) EMERGENCY STOP
- 2) ON
- 3) LOCAL/REMOTE COMMAND
- 4) FAULT BELT
- 5) START BELT
- 6) STOP BELT
- 7) RESET

- : RED Mushroom-head push-button
- : GREEN Luminous push-button
- : 2 pos. selector
- : RED Lamp
- : WHITE Luminous push-button
- : BLACK push-button
- : BLUE push-button

Rev.	Date	Modification subject	Designed	Checked	Approved	 SGM Gantry S.p.A. ENGINEERING AND PRODUCTION OF MAGNETIC EQUIPMENT	Description: ELECTRICAL CABINET	Job n°	W1740385S	Sheet 10 of 11
00	09.05.17	Issued for approval	A.B.	F.G.	F.G.					
								Design n°	282-Y33735	To be con. 11



SRN8630K XYVZZZZ0130 1/3.2

Rev.	Date	Modification subject	Designed	Checked	Approved	 SGM Gantry S.p.A. ENGINEERING AND PRODUCTION OF MAGNETIC EQUIPMENT	Description: COMPONENTS LAYOUT	Job n°	W1740385S	Sheet 11 of 11
00	09.05.17	Issued for approval	A.B.	F.G.	F.G.			Design n°	282-Y33735	To be con list1

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Part List

X - XYVVZZZZ0130

Q.ty	SGM Code	Description	Manufacturer	Item name
2,00	1TCM-000300V/A005	TM 300VA 0-460-480/0-110-120 UL/CSA	TRASFITALIA	TC1-TC3;
1,00	2ABBACS550-01-05A4-4	1,5Kw hd Threephase Frequency variator w/panel and brake units	ABB	G2
1,00	2ABBOS30AJ12	Fused disconnect switch 30A-3P class J	ABB	QS1
3,00	2BUSKTK-R-10	Fuse 10A CLASS CC	BUSSMANN	FU4-6
3,00	2BUSLPJ-25SP	25A time delay fuse CLASS J 600V	BUSSMANN	FU1-3
1,00	2CRO88827155	MLR1 Recycling on/off - action 1nc/no 24VDC24-240V	CROUZET	KT1
1,00	2ETAWI265	Heater resistor 75W	TORRESAN	EH1
1,00	2MOEDILM17-10(110V/50HZ;120V/60HZ)	Contacteur 7,5kW-18A +1no (coil 110V50/120V60Hz)	MOELLER	KM1
2,00	2MOEFAC-C0.5/1-NA	Circuit breaker 1p. 0,5A curve C (5-10 In) 10KA NA	MOELLER	QF7;QF10
1,00	2MOEFAC-C1/1-NA	Circuit breaker 1p. 1A curve C (5-10 In) 10KA NA	MOELLER	QF4
1,00	2MOEFAC-C2/1-NA	Circuit breaker 1p. 2A curve C (5-10 In) 10KA NA	MOELLER	QF2
1,00	2MOEM22-D-B	Blue push button Titan	MOELLER	SB5;
1,00	2MOEM22-DL-G	Green lumin.push button Titan	MOELLER	SB1
1,00	2MOEM22-DL-W	White lumin.push button Titan	MOELLER	SB2
1,00	2MOEM22-D-S	Black push button Titan	MOELLER	SB4
1,00	2MOEM22-LED230-G	Green led 230V TITAN	MOELLER	HL1
1,00	2MOEM22-LED230-R	Red led 230V TITAN	MOELLER	HL4
1,00	2MOEM22-LED230-W	White led 230V TITAN	MOELLER	HL2
1,00	2MOEM22-PVT45P-MPI	Red Mushroom-head push button push/pull Titan	MOELLER	SB10
1,00	2MOEM22-WKV	2 pos. Switch V TITAN	MOELLER	SA1
2,00	2MOEPKZM0-1-T	3-Pole transf.protector 0,63-1A	MOELLER	QF1; QF3
7,00	2OMRMY4IN110/120AC(S)	Plug-in relay 4 no/nc 110V/120VAC	OMRON	KA1-2; KA4-5; KA10;KA_RESET;KAR_F;
1,00	2TUREN0101K	Temperature -10 / 80°C with NO contact	TURATI	ST2
1,00	2TUREN0102K	Temperature -10 / 80°C with NC contact	TURATI	ST1
1,00	2TUREN2150K	Fan 150x150 20W 115V	TURATI	EV1
2,00	2TUREV1140	Cubicle door switch	TURATI	SQ1; SQ3
1,00	2TURS RN8630K	Box 800h 600l 300p	ABB TURATI	A