

Project: AD2000TE (React.Elect.)
Committed: -
Customer: -
Drawer: 01
Date: 29/05/2018

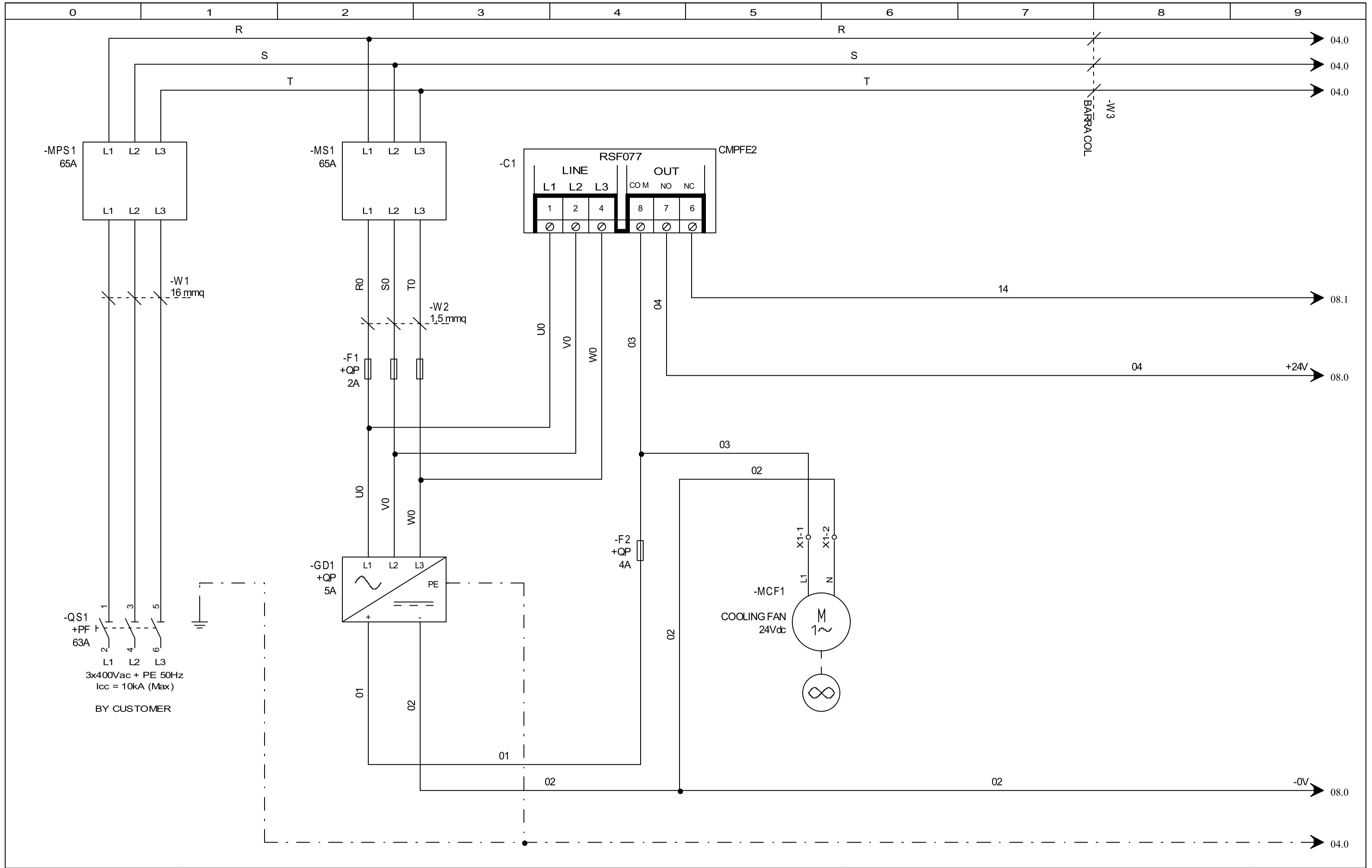
Exercise tension:	3x400Vac + PE
Auxiliary tension	24Vdc
Frequency	50Hz
Nominal current	23,7 A
Total power	16,1 KW
Protection level	IP54



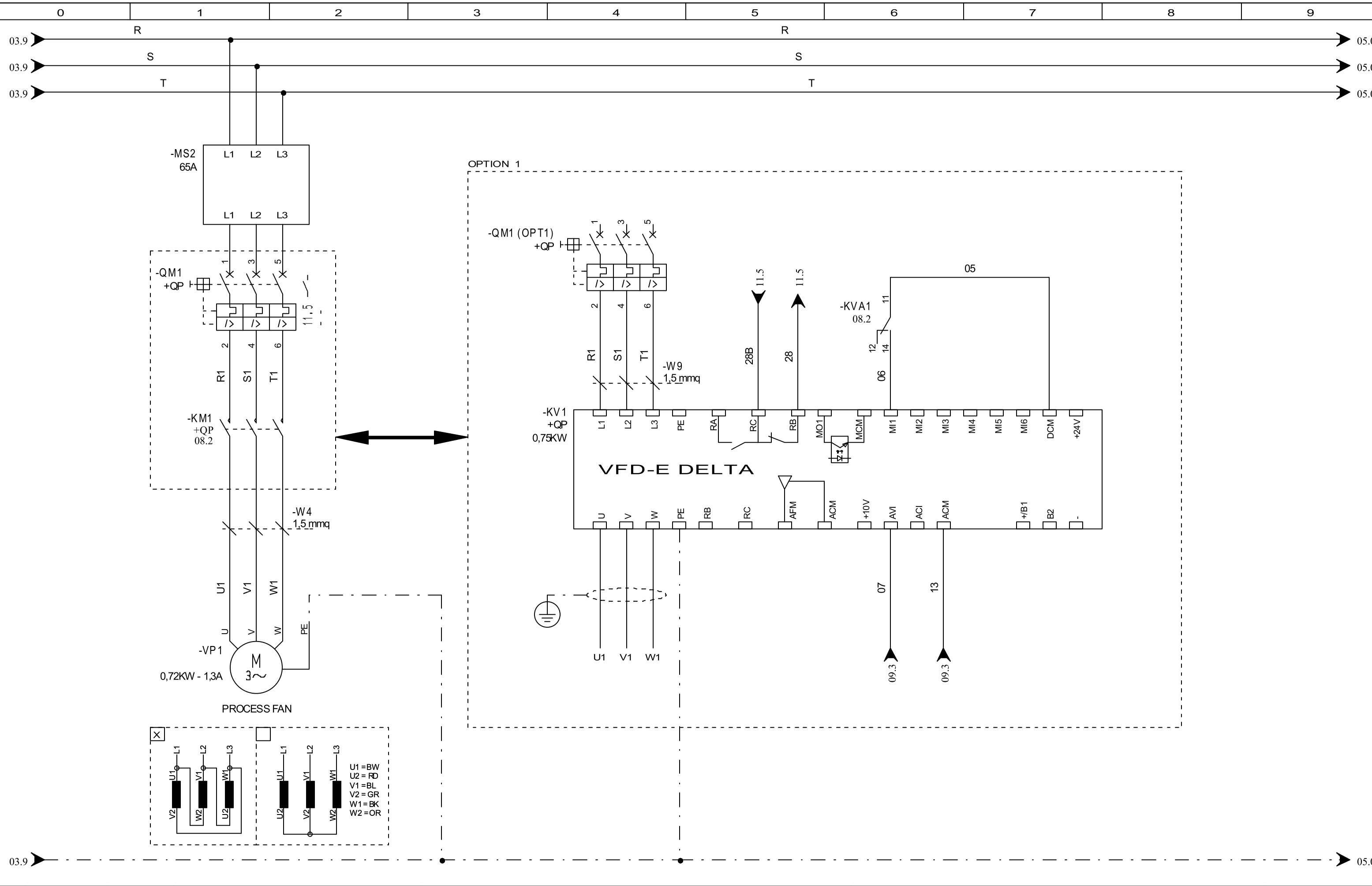
TECNOFRIGO TUSCANY srl
*Via J.F.Kennedy, 25/27/29 - 56020 Z.Ind.Fontanelle
Capanne - Montopoli Val D'Arno (Pisa)*
Tel. +39 0571 467351 Fax +39 0571 469217
e-mail: info@tftdryair.com - www.tftdryair.com

1	Modifica bobina di sgancio resistenze	11/04/2019			
Rev.	Changes	Date	Prepared	Verified	Approved

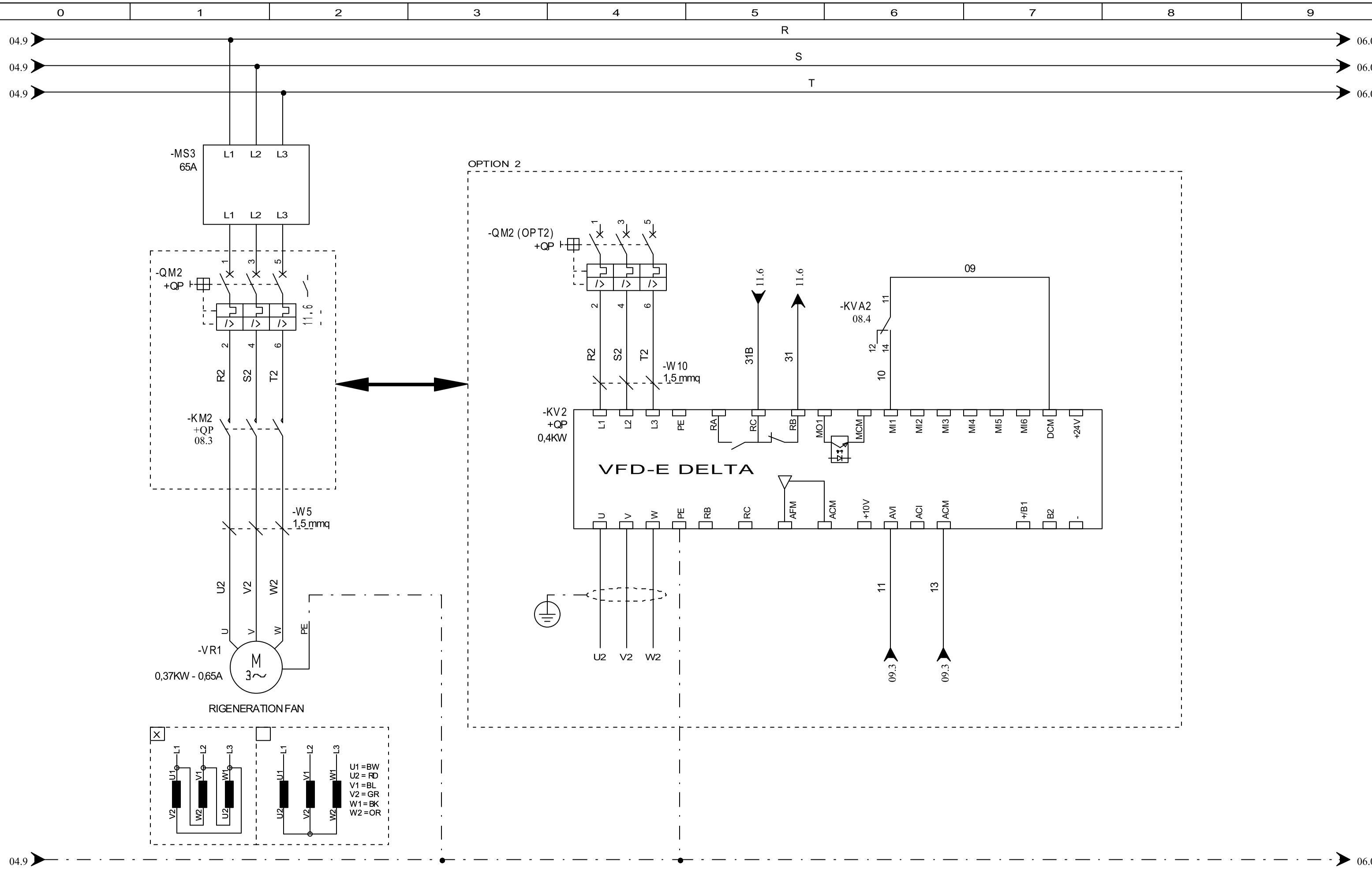
OPTION TABLE			
	OPTION	DESCRIPTION	PAGES
	N.1	PROCESS FAN SPEED VARIATOR	04
	N.2	RIGENERATION FAN SPEED VARIATOR	05
	N.3	MODULATING CONTROL RIGENERATION HEATERS (PWM)	07
	N.4	ALARM FILTER PROCESS AIR	12
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	N.6	PRE-TREATMENT TEMPERATURE PROBE	13
	N.7	POST-TREATMENT TEMPERATURE PROBE (PASSIVE)	13
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	N.9	SIGNAL PROPORTIONAL OR AIR SPEED PROBE FOR PROCESS FAN CONTROL	13
	N.10	3 WAY VALVE FOR PRE-COOLING WATER	14
	N.11	3 WAY VALVE FOR POST-COOLING WATER	14



				 DRY AIR SOLUTIONS Via J.F.Kennedy, 25/27/29 - 56020 Capanne Z.I.Fontanelle	PROJECT: AD2000TE (React.Elect.)			SHEET 03
					CUSTOMER: -			
					COMMITTED:-			OF 18
					TITLE: Circuito POWER SUPPLY			
								02◀▶04
REV.	DATE	SIGNAT.	CHANGE					



				 Via J.F.Kennedy, 25/27/29 - 56020 Capanne Z.I.Fontanelle	PROJECT: AD2000TE (React.Elect.)			SHEET 04
					CUSTOMER: -			
					COMMITTED:-			OF 18
					TITLE: Circuito Potenza			
								03◀▶05
REV.	DATE	SIGNAT.	CHANGE	DRA.: 01 DATE: 29/05/2018 LOC.:				



REV.	DATE	SIGNAT.	CHANGE



Via J.F.Kennedy, 25/27/29 - 56020 Capanne Z.I.Fontanelle

PROJECT: AD2000TE (React.Elect.)

CUSTOMER: -

COMMITTED:-

TITLE: Circuito Potenza

DRA.: 01

DATE: 29/05/2018

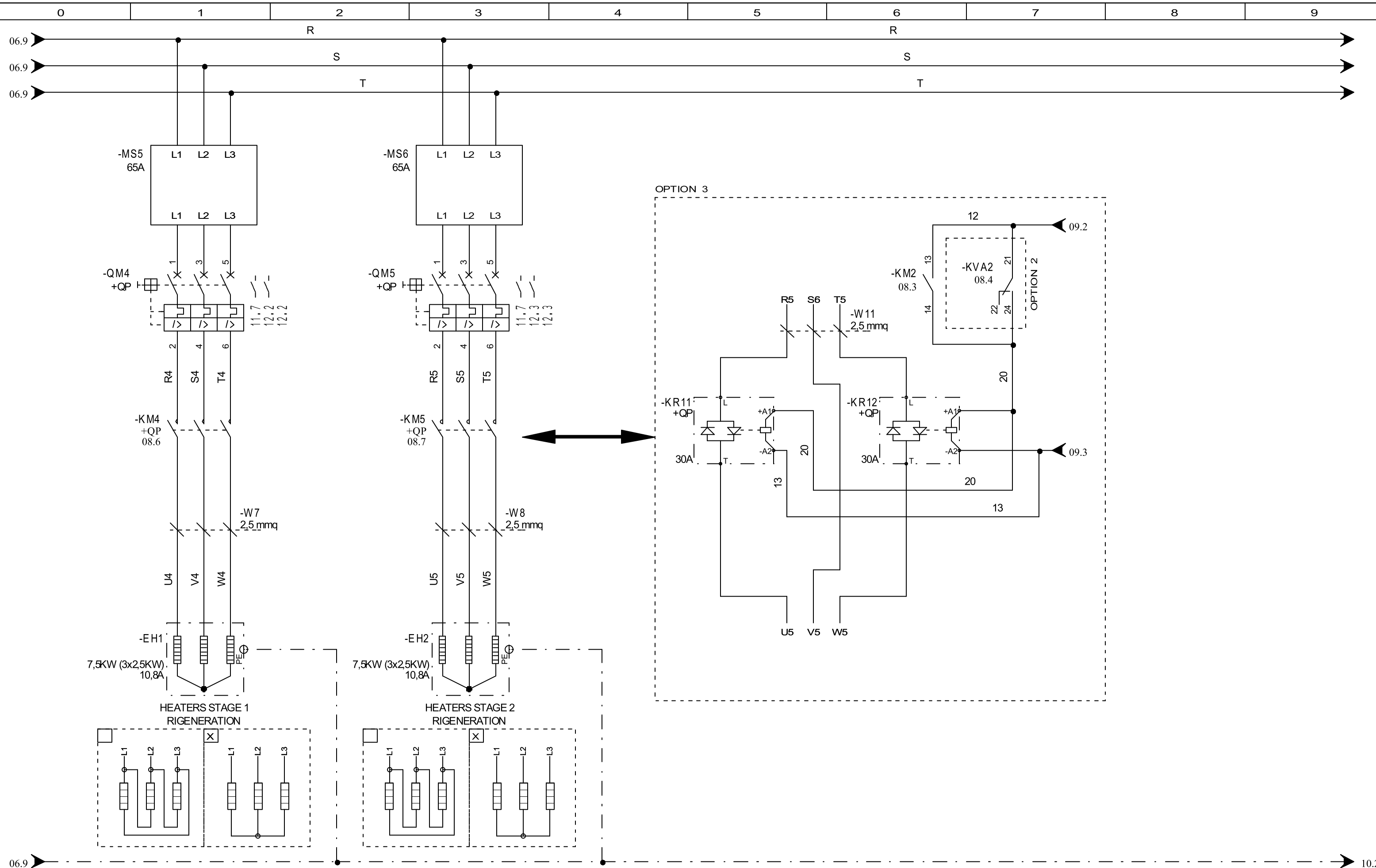
LOC.:

SHEET 05

OF 18

04◀▶06



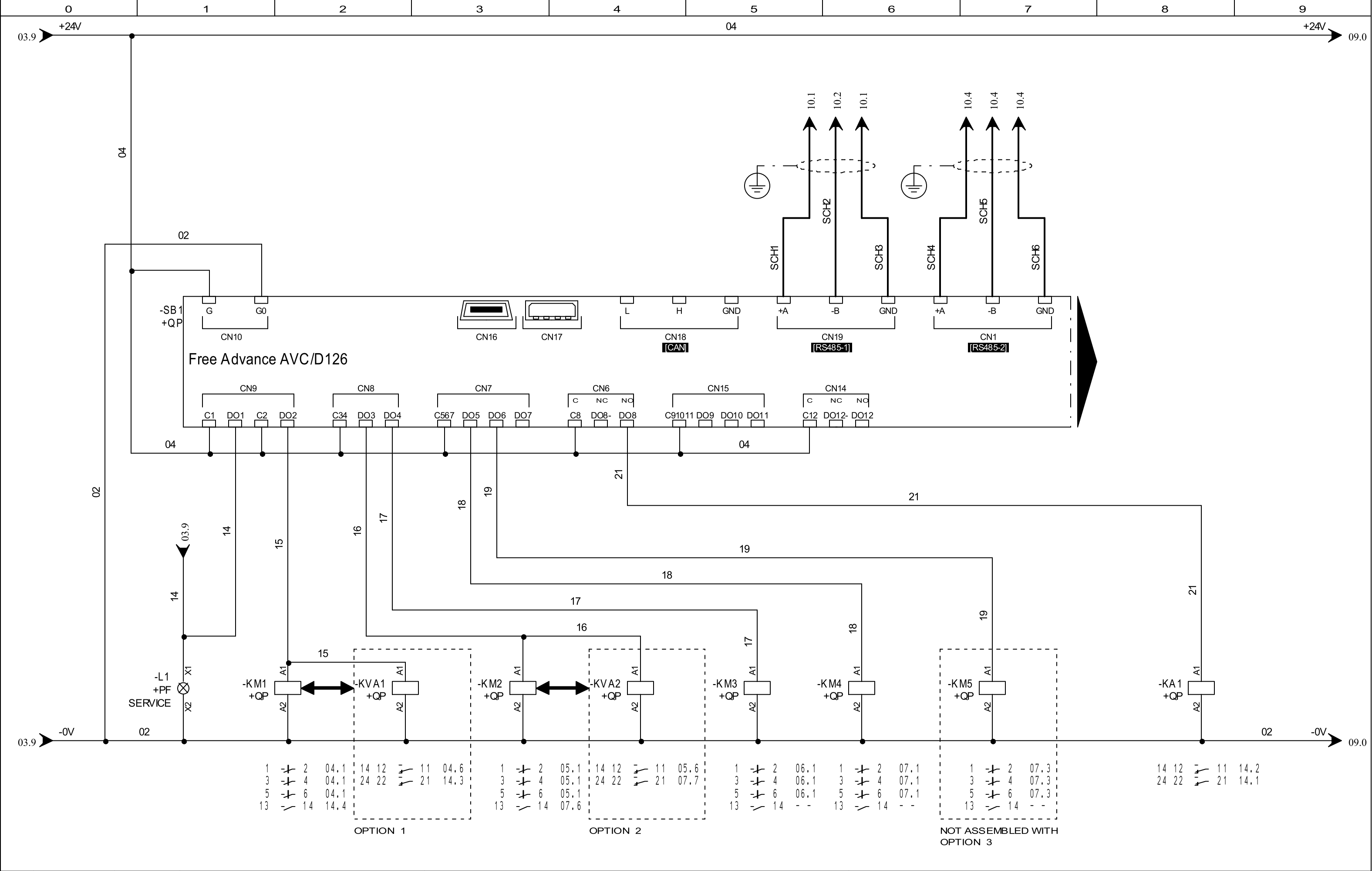


REV.	DATE	SIGNAT.	CHANGE

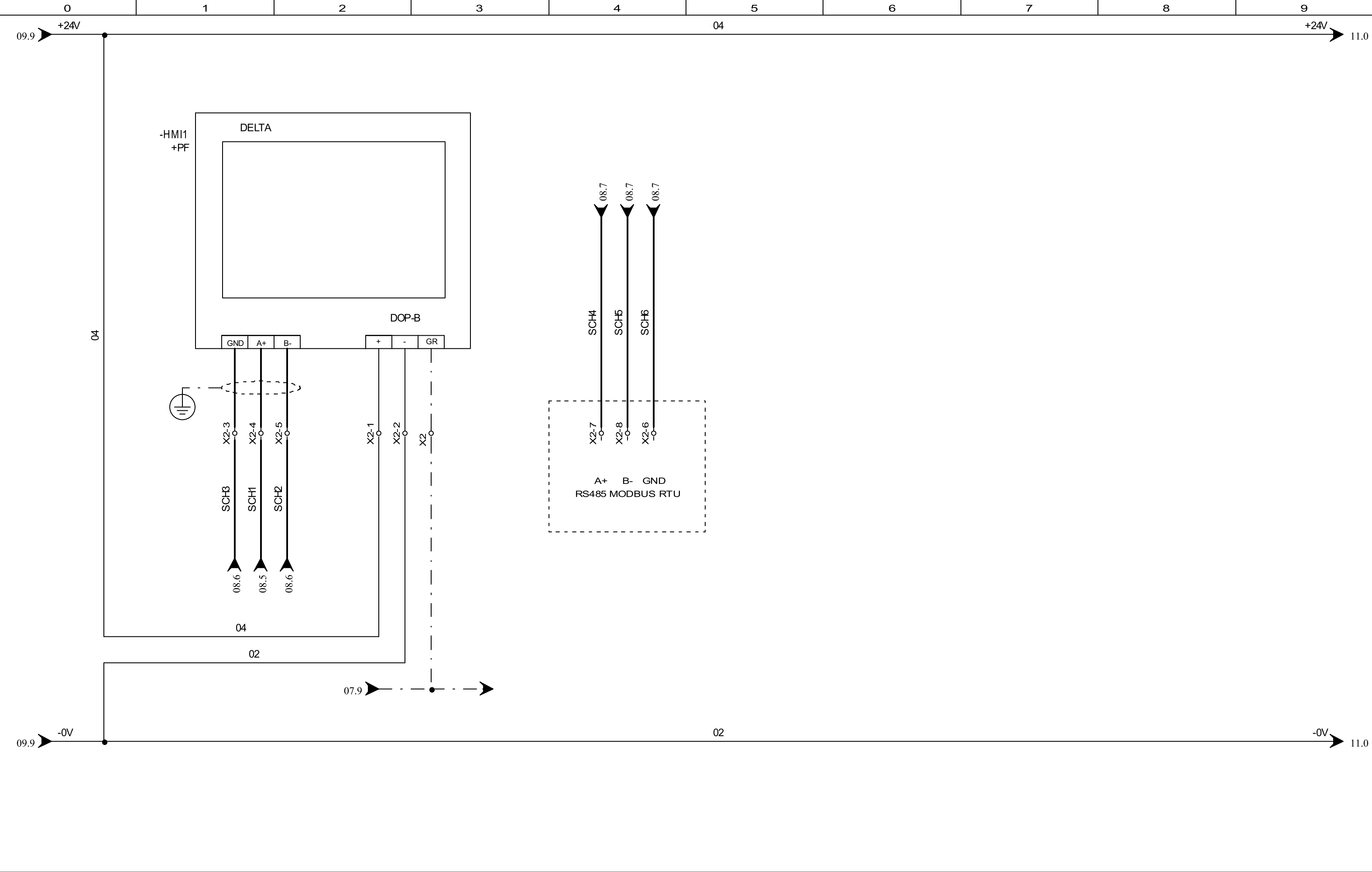


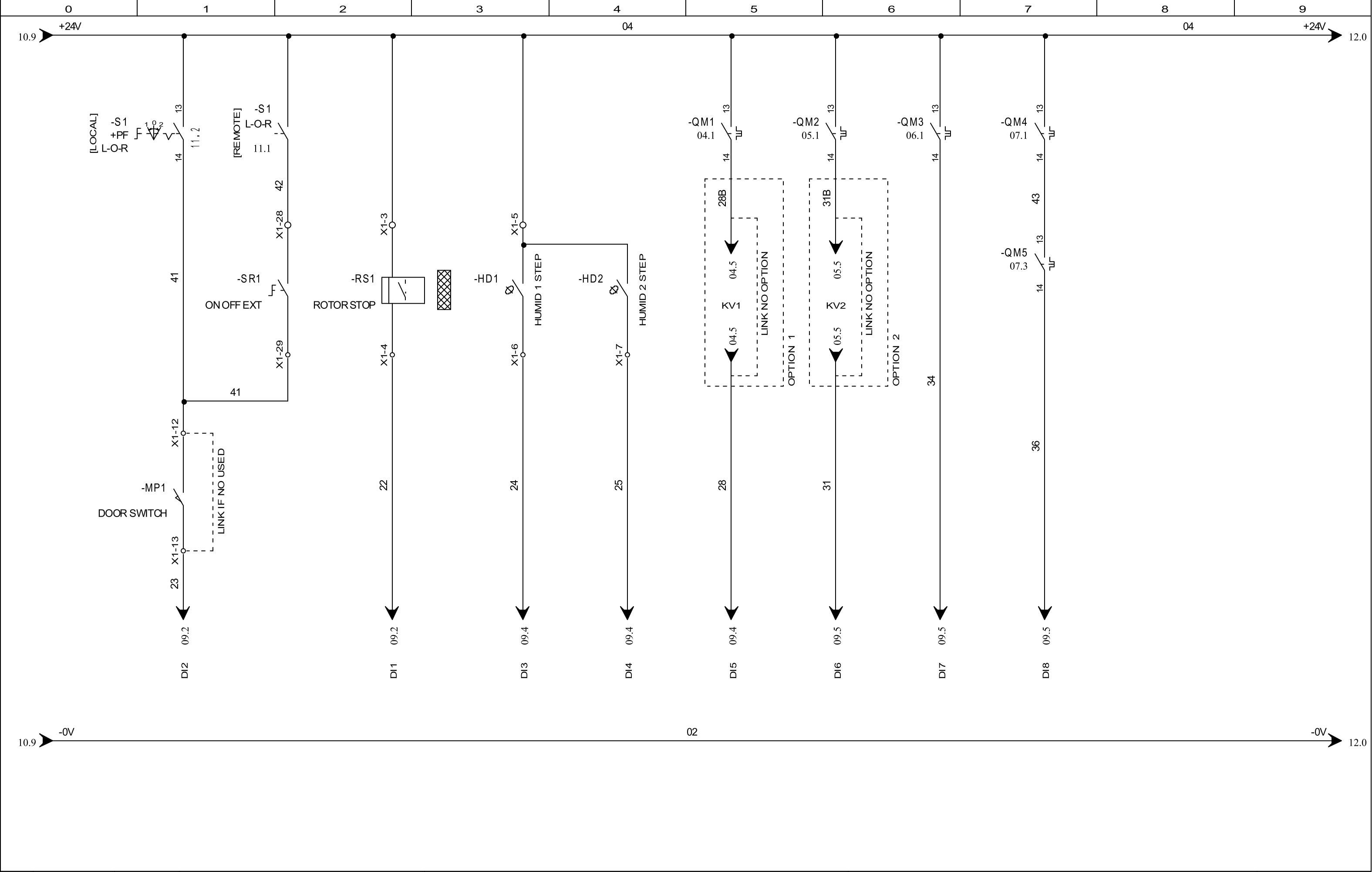
Via J.F.Kennedy, 25/27/29 - 56020 Capanne Z.I.Fontanelle

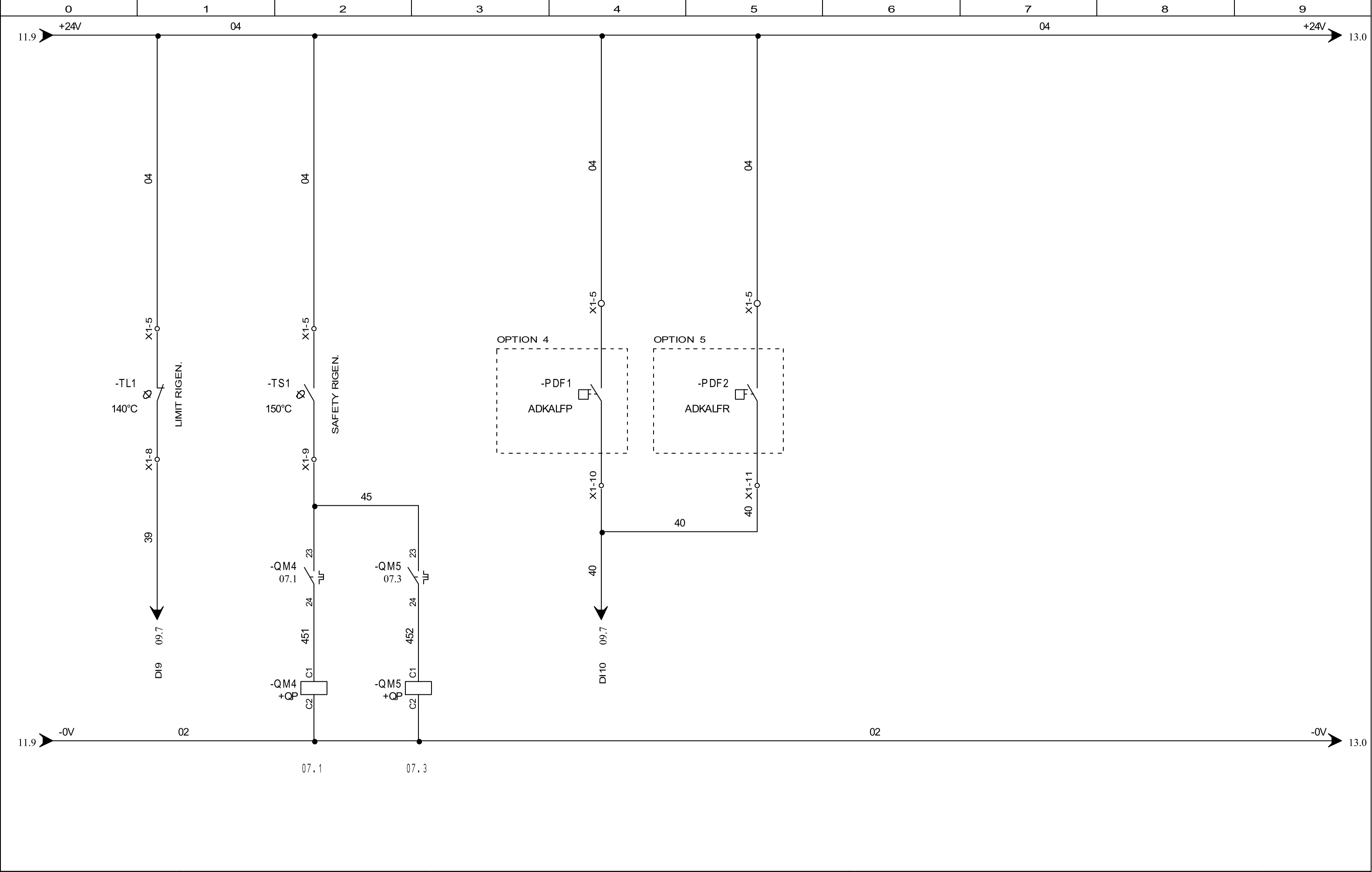
PROJECT: AD2000TE (React.Elect.)			SHEET 07
CUSTOMER: -			
COMMITTED:-			OF 18
TITLE: Circuito Potenza			06◀▶08
DRA.: 01	DATE: 29/05/2018	LOC.:	

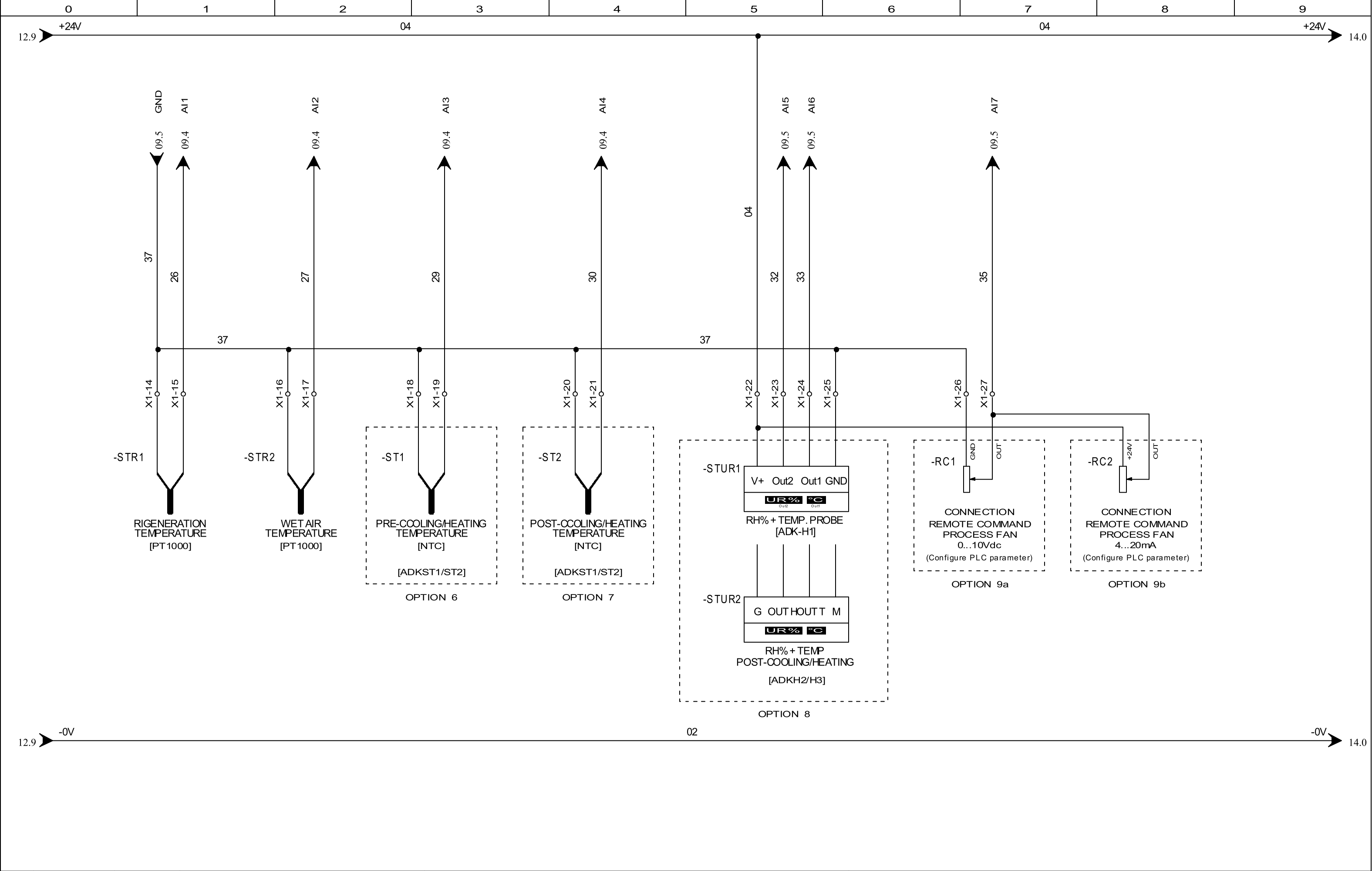


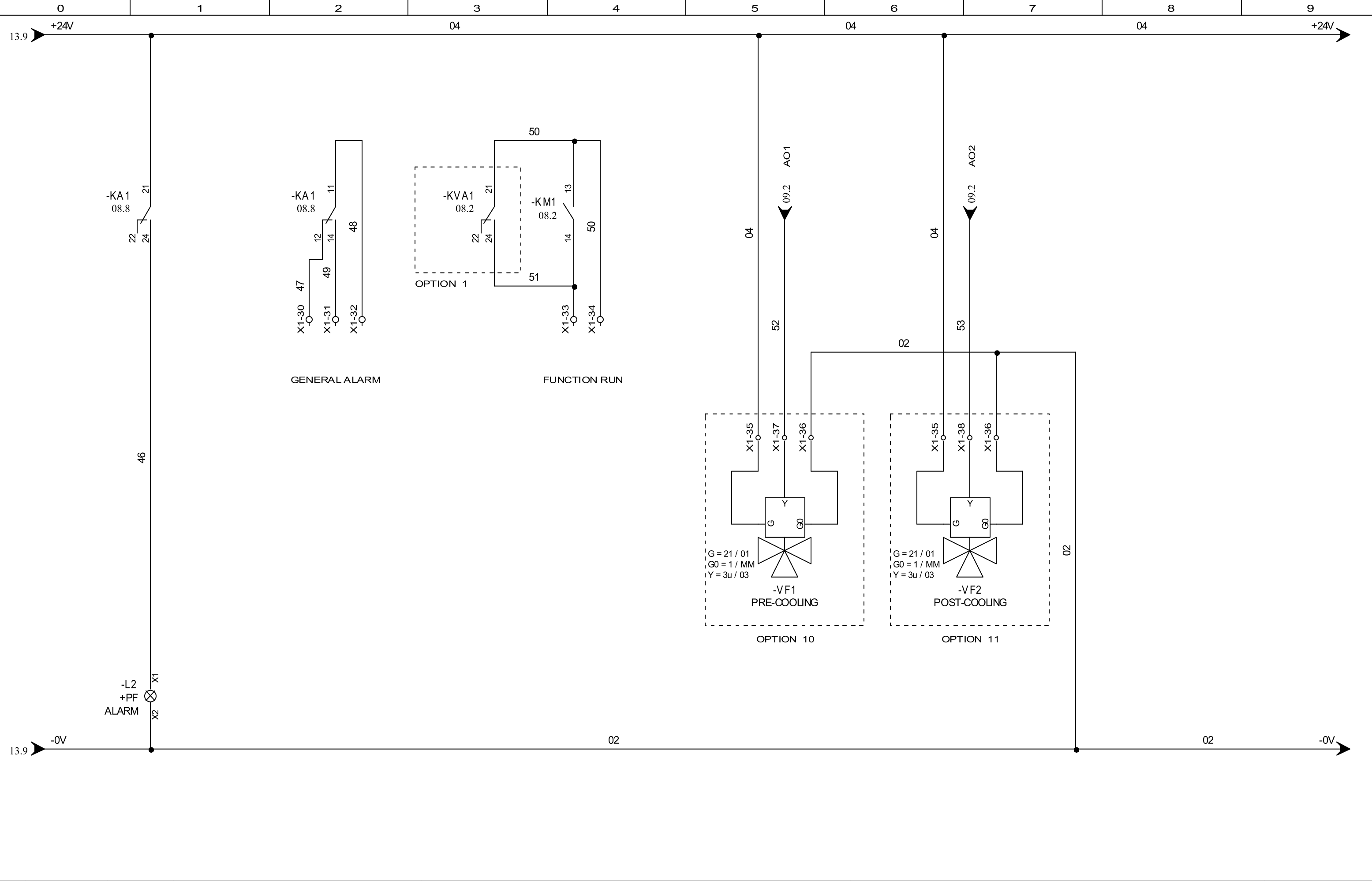


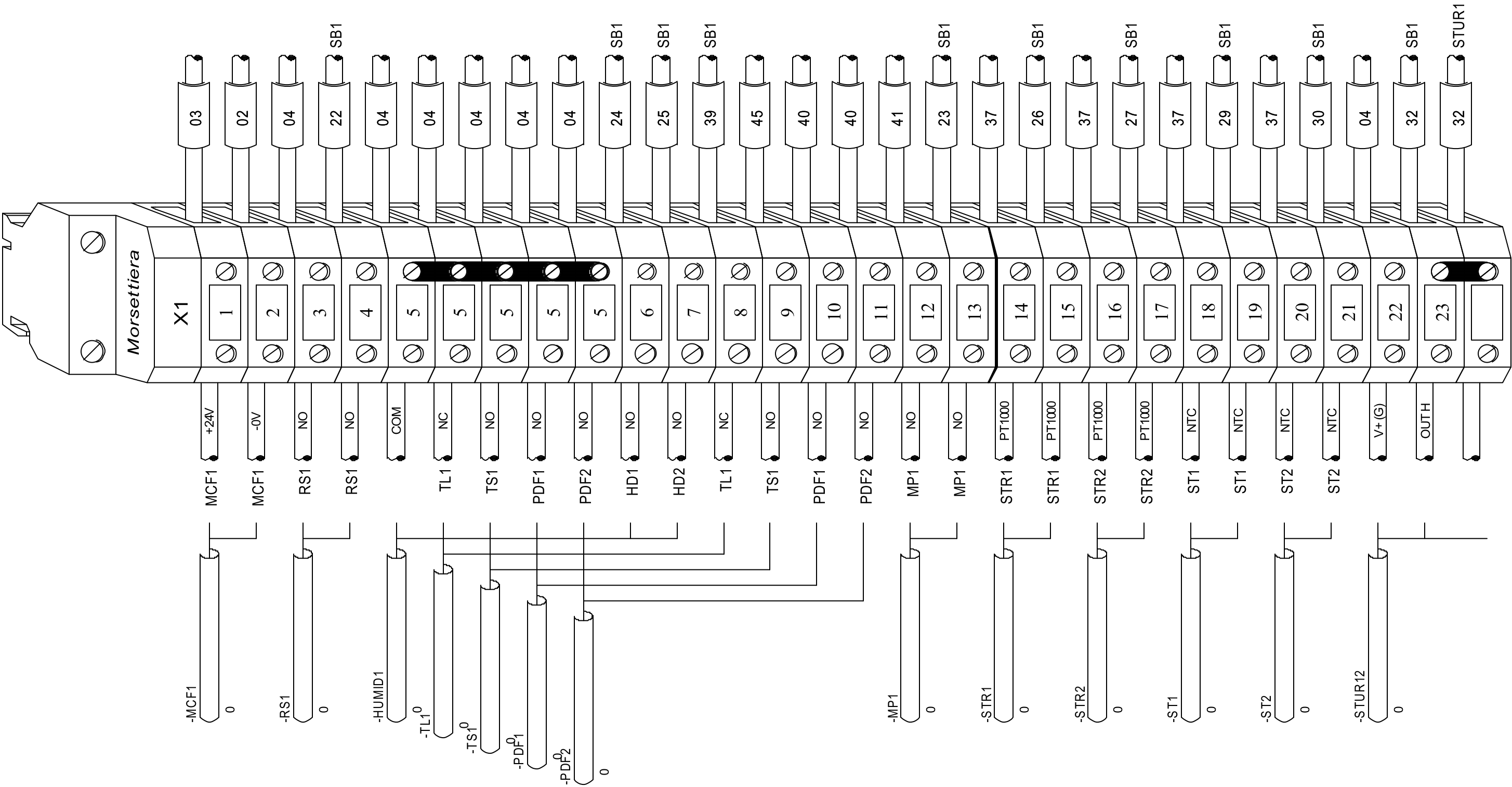


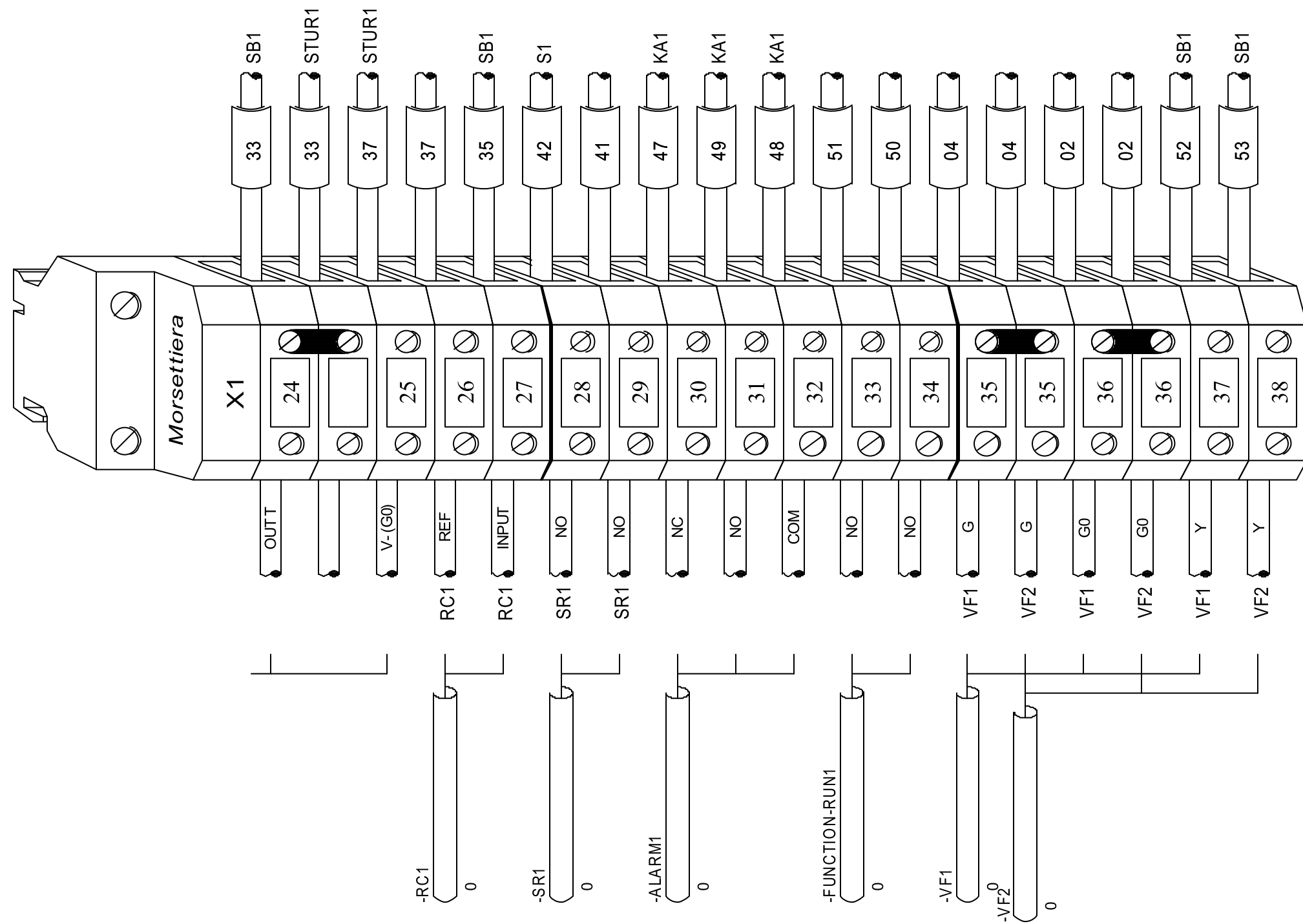




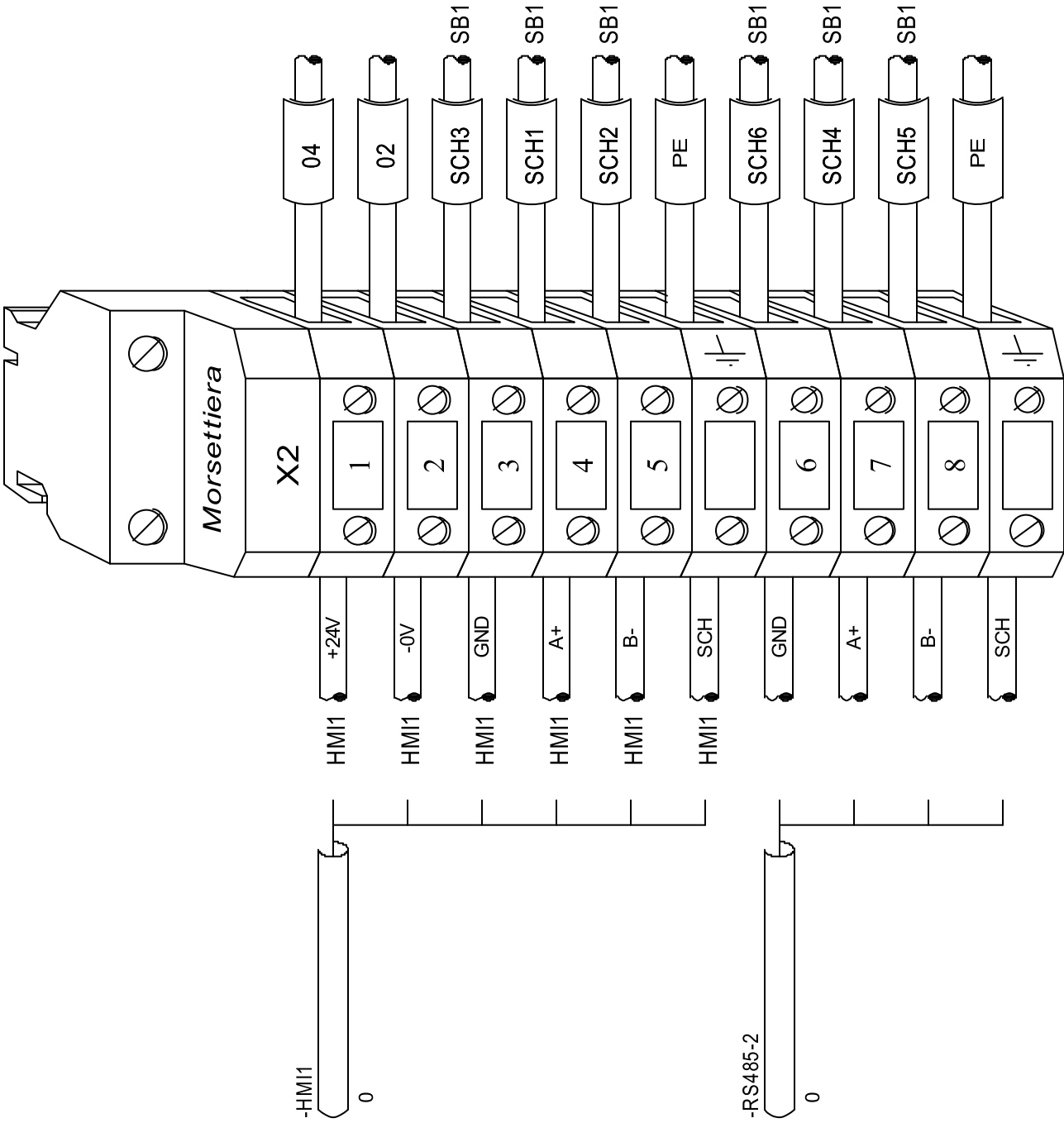








				 Via J.F.Kennedy, 25/27/29 - 56020 Capanne Z.I.Fontanelle	PROJECT: AD2000TE (React.Elect.)			SHEET 16 OF 18
					CUSTOMER: -			
					COMMITTED: -			
					TITLE: Morsettiara: X1 X1 - 2/2			15◀▶17
REV.	DATE	SIGNAT.	CHANGE		DRA.: 01 DATE: 29/05/2018 LOC.:			



0		1		2		3		4		5		6		7		8		9	
Materials List																			
Item		Description				Code				Manufacturer				Location				POSITION	
C1		Relay phase sequence 3Ph				CMPFE2				ABB				QP				03.4	
F1		E933/32 3P FUSE SWITCH DISCONNECTOR				EA 204 6				ABB				QP				03.2	
F2		E931/32 1P FUSE SWITCH DISCONNECTOR				EA 201 2				ABB				QP				03.4	
GD1		POWER SUPPLY THREE-PHASE SWITCHING 24V 120W 5A				DARP024V120W3BN				DELTA				QP				03.2	
HMI1		TERMINAL 4" TOUCH-SCREEN				DOP-B03S211				DELTA				PF				10.1	
KA1		8A 2P Relay 24Vdc				CR-P024DC2				ABB				QP				08.8	
KM1		CONTACTOR 3P 9A 24...60VAC/DC				AF09-30-10-11				ABB				QP				08.2	
KM2		CONTACTOR 3P 9A 24...60VAC/DC				AF09-30-10-11				ABB				QP				08.3	
KM3		CONTACTOR 3P 9A 24...60VAC/DC				AF09-30-10-11				ABB				QP				08.5	
KM4		CONTACTOR 3P 12A 24...60VAC/DC				AF12-30-10-11				ABB				QP				08.6	
KM5		CONTACTOR 3P 12A 24...60VAC/DC				AF12-30-10-11				ABB				QP				08.7	
KR11		Cont.stat.30A 1P 230/460V 4-30VDC				RC11DD4030				DELTA				QP				07.5	
KR12		Cont.stat.30A 1P 230/460V 4-30VDC				RC11DD4030				DELTA				QP				07.6	
KV1		VFD 0,75KW 400V TRI				VFD007EL43A				DELTA				QP				04.4	
KV2		VFD 0,4KW 400V TRI				VFD004EL43A				DELTA				QP				05.4	
KVA1		8A 2P Relay 24Vdc				CR-P024DC2				ABB				QP				08.2	
KVA2		8A 2P Relay 24Vdc				CR-P024DC2				ABB				QP				08.4	
L1		MLBL-01BW LED DIN 24VAC/DC				KV 541 4				ABB				PF				08.1	
L2		MLBL-01BR LED DIN 24VAC/DC				KV 537 2				ABB				PF				14.1	
MP1		BODY PLAS 1NO1NC				ZCP21				SCHNEIDER ELECTRIC								11.1	
MP1		HEAD BUTTON METAL				ZCE10				SCHNEIDER ELECTRIC								11.1	
QM1		SWITCH PROTECTION 1,6-2,5 A				MS116-2,5				ABB				QP				04.1	
QM1		AUXILIARY CONTACTS 1NO+1NC FRONT				HKF1-11				ABB				QP				04.1	
QM1 (OPT1)		SWITCH PROTECTION 2,5-4 A				MS116-4				ABB				QP				04.4	
QM2		SWITCH PROTECTION 0,63-1 A				MS116-1,0				ABB				QP				05.1	
QM2		AUXILIARY CONTACTS 1NO+1NC FRONT				HKF1-11				ABB				QP				05.1	
QM2 (OPT2)		SWITCH PROTECTION 1,6-2,5 A				MS116-2,5				ABB				QP				05.4	
QM3		MOTOR PROTECTION SWITCH 0,4-0,63 A				MS116-0,63				ABB				QP				06.1	
QM3		AUXILIARY CONTACTS 1NO+1NC FRONT				HKF1-11				ABB				QP				06.1	
QM4		MOTOR PROTECTION SWITCH 10-16 A				MS116-16				ABB				QP				07.1	
QM4		CONTACTS AUX. 2NO FRONTAL				HKF1-20				ABB				QP				07.1	
QM5		MOTOR PROTECTION SWITCH 10-16 A				MS116-16				ABB				QP				07.3	
QM5		CONTACTS AUX. 2NO FRONTAL				HKF1-20				ABB				QP				07.3	
QS1		MAIN SWITCH 3X63A BY PANEL				OT63FT3				ABB				PF				03.0	
SB1		UNIT BASE 24AC,12 ID, 12 IA, 12 DO, 6				AVC1260060500				ELIWELL				QP				08.1	