R.E.M. S.r.L.

Via Ferruccia,16/A - 03010 Patrica (FR)

Tel: 0775/830116 Fax: 0775/839345

Cliente	: RIEM SERVICE SRL
Indirizzo	: VIA PRENESTINA NUOVA, KM 8.500-00010 GALLICANO NEL LAZIO (ROMA)
Design. impianto	: IMPIANTO SKID
Numero di disegno	: 2018/0757
Commessa	: 2018/0757

Produttore	: R.E.M. s.r.l.
Indirizzo	: Via Ferruccia 16/a
Cliente Finale	: RIEM SERVICE SRL
Indirizzo	: VIA PRENESTINA NUOVA, KM 8.500-00010 GALLICANO NEL LAZIO (ROMA)
Responsabile del Progetto	: ALE

Modificato il: 26.Feb.2019 Da Numero delle pagine 37

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ESSJ010I

Section	Page description	Additional field page	Date	Designer	X
=DOC/1	MAIN PAGE		22.Nov.2018	ALE	
=DOC/20	CONTENTS PAGES		08.Dic.2018	ALE	x
=DOC/20a	CONTENTS PAGES		08.Dic.2018	ALE	
=DOC/30	COMPONENT LIST AND CODES		23.Nov.2018	ALE	
=DOC/31	COMPONENT LIST AND CODES		08.Dic.2018	ALE	
=DOC/32	COMPONENT LIST AND CODES		08.Dic.2018	ALE	
=DOC/33	COMPONENT LIST AND CODES		08.Dic.2018	ALE	
=DOC/34	COMPONENT LIST AND CODES		22.Nov.2018	ALE	
=QE/1	GENERAL SUPPLY		08.Dic.2018	ALE	
=QE/2	AUXILIARY		08.Dic.2018	ALE	
=QE/5	POWER SUPPLY 24VDC		08.Dic.2018	ALE	
=QE/7	DRYER SUPPLY		24.Nov.2018	ALE	
=QE/8	AUXILIARY		08.Dic.2018	ALE	
=QE/9	ES6 ATLAS COPCO		08.Dic.2018	ALE	
=QE/10	GATEWAY ATLAS COPCO		08.Dic.2018	ALE	
=QE/14	24VDC AUXILIARY POWER SUPPLIES		08.Dic.2018	ALE	
=QE/15	AIR ELECTROVALVE		08.Dic.2018	ALE	
=QE/16	DRYER CONTROLS		22.Nov.2018	ALE	
=QE/18	NETWORK LAYOUT		08.Dic.2018	ALE	
=QE/19	NETWORK LAYOUT		08.Dic.2018	ALE	
=QE/20	OPERATOR PANEL		08.Dic.2018	ALE	
=QE/21	CPU PLC		08.Dic.2018	ALE	
=QE/22	CPU PLC		08.Dic.2018	ALE	
=QE/30	ANALOGUE INPUTS		08.Dic.2018	ALE	
=QE/31	ANALOGUE INPUTS		08.Dic.2018	ALE	
=QE/32	ANALOGUE INPUTS		08.Dic.2018	ALE	
=QE/40	DIGITAL INPUTS		23.Nov.2018	ALE	
=QE/41	DIGITAL INPUTS		08.Dic.2018	ALE	
=QE/42	DIGITAL INPUTS		08.Dic.2018	ALE	
=QE/50	DIGITAL OUTPUTS		08.Dic.2018	ALE	

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Section	Page description	Additional field page	Date	Designer	X
=QE/51	DIGITAL OUTPUTS		23.Nov.2018	ALE	
=QE/100	LAYOUT EXTERNAL BOX		08.Dic.2018	AAA	
=QE/101	LAYOUT INTERNAL BOX		08.Dic.2018	AAA	

SIGLA	DESCRIZIONE	MARCA	CODICE	POSIZIONE
=QE-1QF1	CIRCUIT BREAKER	SIEMENS	5SL6306-7BB + 5ST3060	
=QE-1QF2	CIRCUIT BREAKER	SIEMENS	5SL6210-7BB + 5ST3060	
=QE-2Q2	MOTOR PROTECTION	SIEMENS	3RV2021-1EA10	
=QE-2T1	TRANSFORMER	RAOLI	480/120 2KVA	
=QE-2F01	SECTIONATOR WITH FUSES	SIEMENS	3NW7033	
=QE-2FC1	LIMIT SWITCH	ELFIN	FC3C	
=QE-2LS1	LAMP	ELFIN	050DSL	
=QE-5Q1	MOTOR PROTECTION	SIEMENS	3RV2011-1AA10	
=QE-5AL1	POWER SUPPLY	OMRON	S8VK-C24024	
=QE-7Q1	CIRCUIT BREAKER	SIEMENS	5SY4206-7 + 5ST301.AS	
=QE-7Q2	CIRCUIT BREAKER	SIEMENS	5SY4206-7 + 5ST301.AS	
=QE-7Q3	CIRCUIT BREAKER	SIEMENS	5SY4206-7 + 5ST301.AS	
=QE-8Q1	CIRCUIT BREAKER	SIEMENS	5SY4102-7	
=QE-8Q2	CIRCUIT BREAKER	SIEMENS	5SY4102-7	
=QE-8Q3	CIRCUIT BREAKER	SIEMENS	5SY4104-7 + 5ST301.AS	
=QE-8Q4	CIRCUIT BREAKER	SIEMENS	5SY4102-7 + 5ST301.AS	
=QE-8Q5	CIRCUIT BREAKER	SIEMENS	5SY4102-7 + 5ST301.AS	

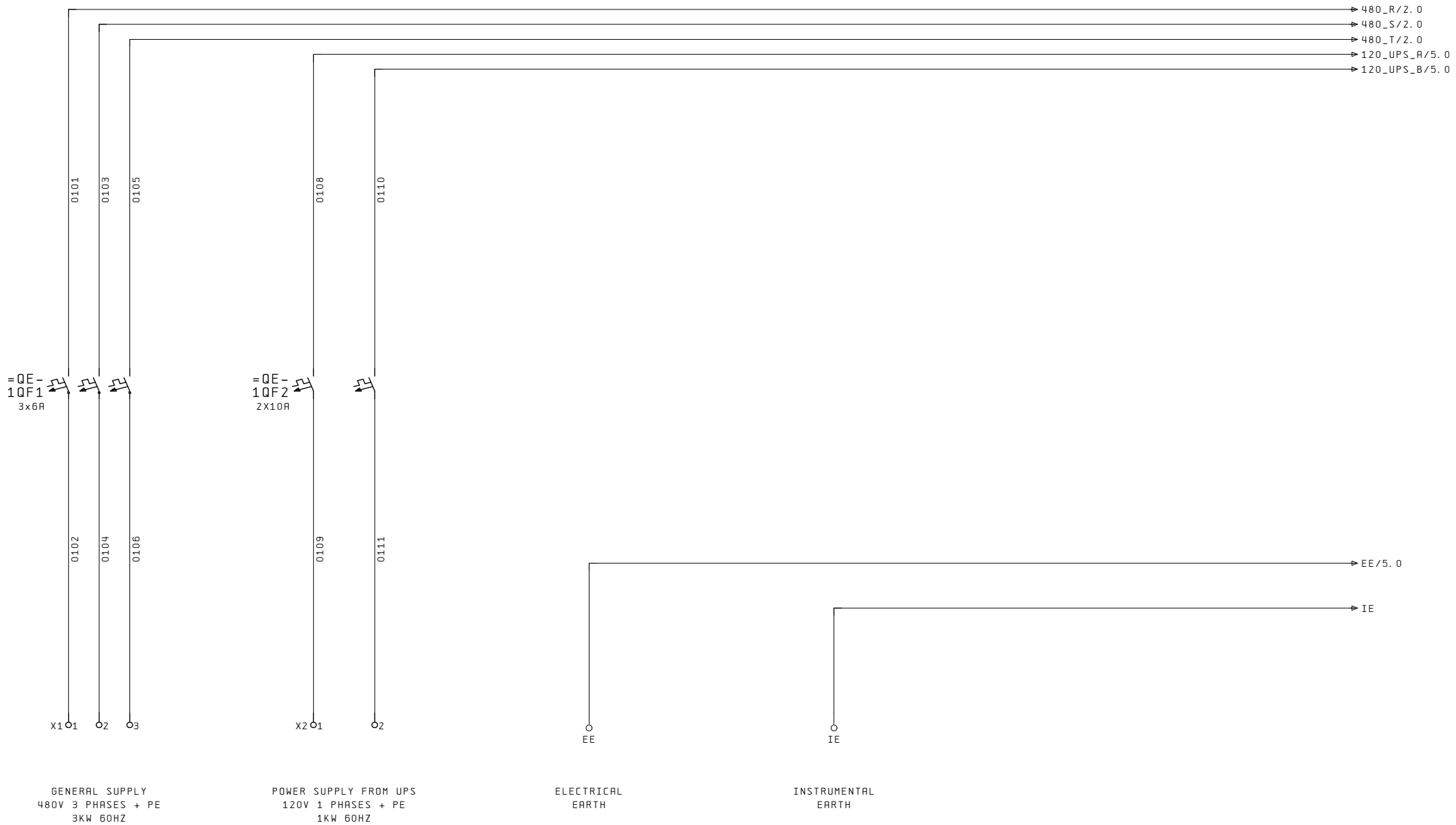
SIGLA	DESCRIZIONE	MARCA	CODICE	POSIZIONE
=QE-8FC1	LIMIT SWITCHES FOR ANTE ELECTRIC CABINETS	ELFIN	030FC	
=QE-8FC2	LIMIT SWITCHES FOR ANTE ELECTRIC CABINETS	ELFIN	050FC3C	
=QE-8T1	TRANSFORMER	BLOCK	B0008032	
=QE-8L1	LIGHT	ETA	ETA WTLA-090	
=QE-9A1	ES6	ATLAS COPCO	PPBE0633	
=QE-9A2	PANEL OPERATOR	ATLAS COPCO	PPBE0622	
=QE-9PR1	PRESSURE TRANSMITTER			
=QE-10A1	GATEWAY	ATLAS COPCO	PPBE0660	
=QE-14Q1	CIRCUIT BREAKER	SIEMENS	5SY4104-7 + 5ST301.AS	
=QE-14Q2	CIRCUIT BREAKER	SIEMENS	5SY4102-7 + 5ST301.AS	
=QE-14Q3	CIRCUIT BREAKER	SIEMENS	5SY4104-7 + 5ST301.AS	
=QE-14Q4	CIRCUIT BREAKER	SIEMENS	5SY4102-7 + 5ST301.AS	
=QE-14Q5	CIRCUIT BREAKER	SIEMENS	5SY4104-7 + 5ST301.AS	

SIGLA	DESCRIZIONE	MARCA	CODICE	POSIZIONE
=QE-UV007	SOLENOID VALVE			
=QE-200P	OPERATOR PANEL	SIEMENS	6AV2123-2GB03-0AX0	
=QE-CPU	CPU	VIPA	015-CEFPR01 + 955-C000M00	
=QE-AI1	ANALOGUE INPUT MODULE	VIPA	031-1BD40	
=QE-30PR1	PRESSURE TRANSMITTER	ENDRESS	PMP51	
=QE-30PR2	PRESSURE TRANSMITTER	ENDRESS	PMP51	
=QE-30PR3	PRESSURE TRANSMITTER	ENDRESS	PMP51	
=QE-30PR4	PRESSURE TRANSMITTER	ENDRESS	PMP51	
=QE-AI2	ANALOGUE INPUT MODULE	VIPA	031-1BD40	
=QE-31PR1	PRESSURE TRANSMITTER	ENDRESS	PMP51	
=QE-31TR2	TEMPERATURE TRANSMITTER	ENDRESS	TR11	
=QE-31TR3	TEMPERATURE TRANSMITTER	ENDRESS	TR11	
=QE-31TR4	TEMPERATURE TRANSMITTER	ENDRESS	TR11	

SIGLA	DESCRIZIONE	MARCA	CODICE	POSIZIONE
=QE-AI3	ANALOGUE INPUT MODULE	VIPA	031-1BD40	
=QE-32TDI	DEW-POINT TRANSMITTER	MICHELL	EASYDEW	
=QE-32PR1	FLOW METER TRANSMITTER	EMERSON	8800	
=QE-DI1	DIGITAL INPUT MODULE	VIPA	021-1BF00	
=QE-DI2	DIGITAL INPUT MODULE	VIPA	021-1BF00	
=QE-41T1	THERMOSTAT	ETA	WI282	
=QE-ZSH007	LIMIT SWITCH			
=QE-ZSL007	LIMIT SWITCH			
=QE-DI3	DIGITAL INPUT MODULE	VIPA	021-1BF00	
=QE-LSH001	LEVEL SWITCH			
=QE-DO1	DIGITAL OUTPUT MODULE	VIPA	022-1BF00	
=QE-50R1	RELAY	PHOENIX CONTACT	RIF-1-RPT-LDP	
=QE-50H1	RED LAMP	SCHNEIDER	XB4BVB4	
=QE-50R2	RELAY	PHOENIX CONTACT	RIF-1-RPT-LDP	

SIGLA	DESCRIZIONE	MARCA	CODICE	POSIZIONE
=QE-51R1	RELAY	PHOENIX CONTACT	RIF-1-RPT-LDP	
=QE-51R2	RELAY	PHOENIX CONTACT	RIF-1-RPT-LDP	
=QE-51R3	RELAY	PHOENIX CONTACT	RIF-1-RPT-LDP	
=QE-51R4	RELAY	PHOENIX CONTACT	RIF-1-RPT-LDP	
=QE-51R5	RELAY	PHOENIX CONTACT	RIF-1-RPT-LDP	
=QE-51R6	RELAY	PHOENIX CONTACT	RIF-1-RPT-LDP	
=DR_1-10F1	BIPOLAR FUSE HOLDER	SCHNEIDER	DF102	
=DR_1-10AL1	POWER SUPPLY	PHOENIX	2902992	
=DR_1-10AL2	POWER SUPPLY	OMRON	S8VK-C24024	
=DR_1-10A1	FREE AVD6200/C	ELIWELL	AVD6200050500	
=DR_1-10A2	BOARD	PARKER HANNIFIN	004601JK001	
=DR_1-10A3	GATEWAY PROFIBUS	HILSCHER	NT 100-DP-RS	
=DR_2-10F1	BIPOLAR FUSE HOLDER	SCHNEIDER	DF102	
=DR_2-10AL1	POWER SUPPLY	PHOENIX	2902992	

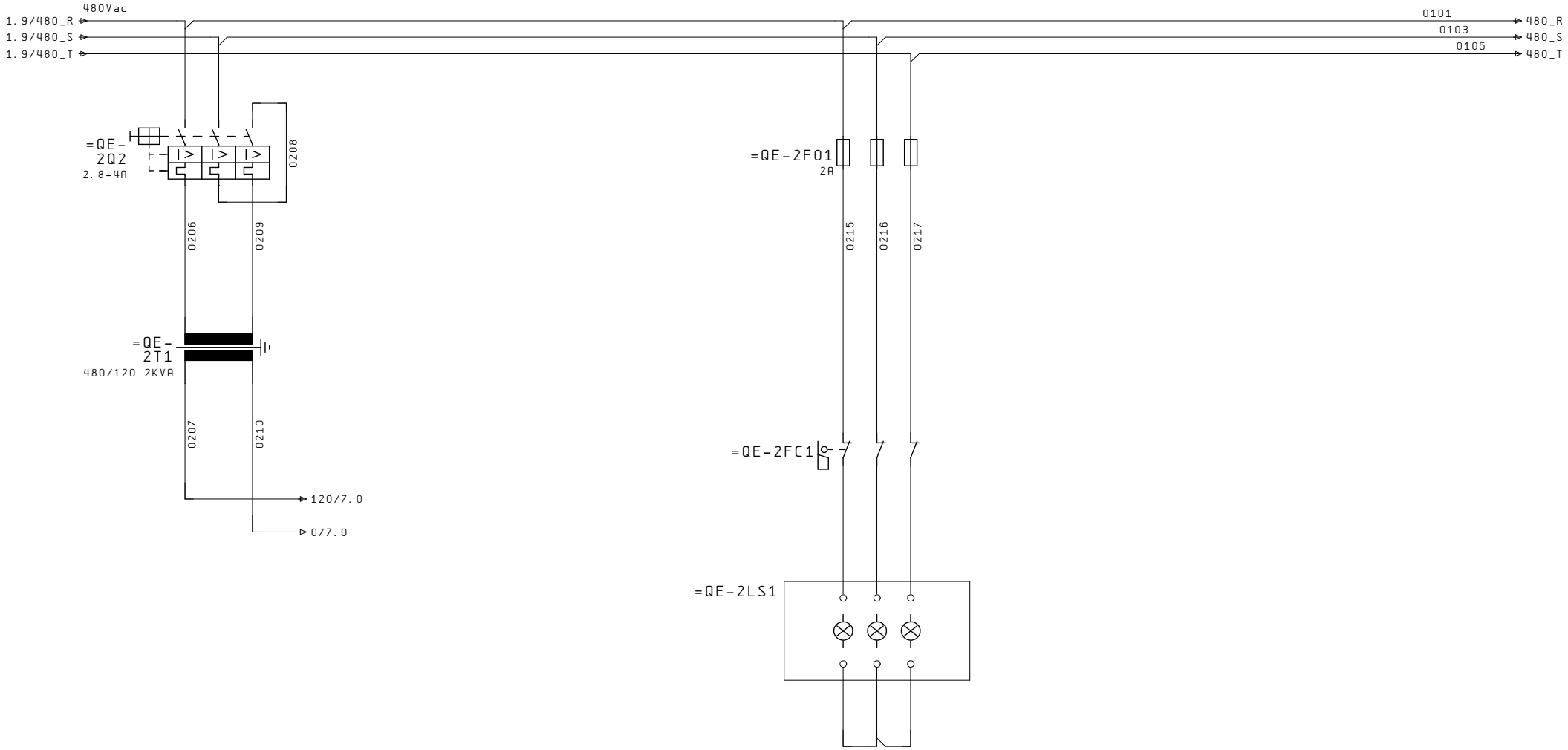
SIGLA	DESCRIZIONE	MARCA	CODICE	POSIZIONE
=DR_2-10AL2	POWER SUPPLY	OMRON	S8VK-C24024	
=DR_2-10A1	FREE AVD6200/C	ELIWELL	AVD6200050500	
=DR_2-10A2	BOARD	PARKER HANNIFIN	004602JK001	
=DR_2-10A3	GATEWAY PROFIBUS	HILSCHER	NT 100-DP-RS	
=DR_3-10F1	BIPOLAR FUSE HOLDER	SCHNEIDER	DF102	
=DR_3-10AL1	POWER SUPPLY	PHOENIX	2902992	
=DR_3-10AL2	POWER SUPPLY	OMRON	S8VK-C24024	
=DR_3-10A1	FREE AVD6200/C	ELIWELL	AVD6200050500	
=DR_3-10A2	BOARD	PARKER HANNIFIN	004603JK001	
=DR_3-10A3	GATEWAY PROFIBUS	HILSCHER	NT 100-DP-RS	



C/35

2

			Data		2018/0757	R. E. M. SRL	GENERAL SUPPLY	2018/0757	=QE	
			Diseg.	ALE	IMPIANTO SKID				+	
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 1
Modifiche	Data	Nome	Norm.							101



120VAC AUXILIARY TRANSFORMER

VOLTAGE PRESENCE

1

5

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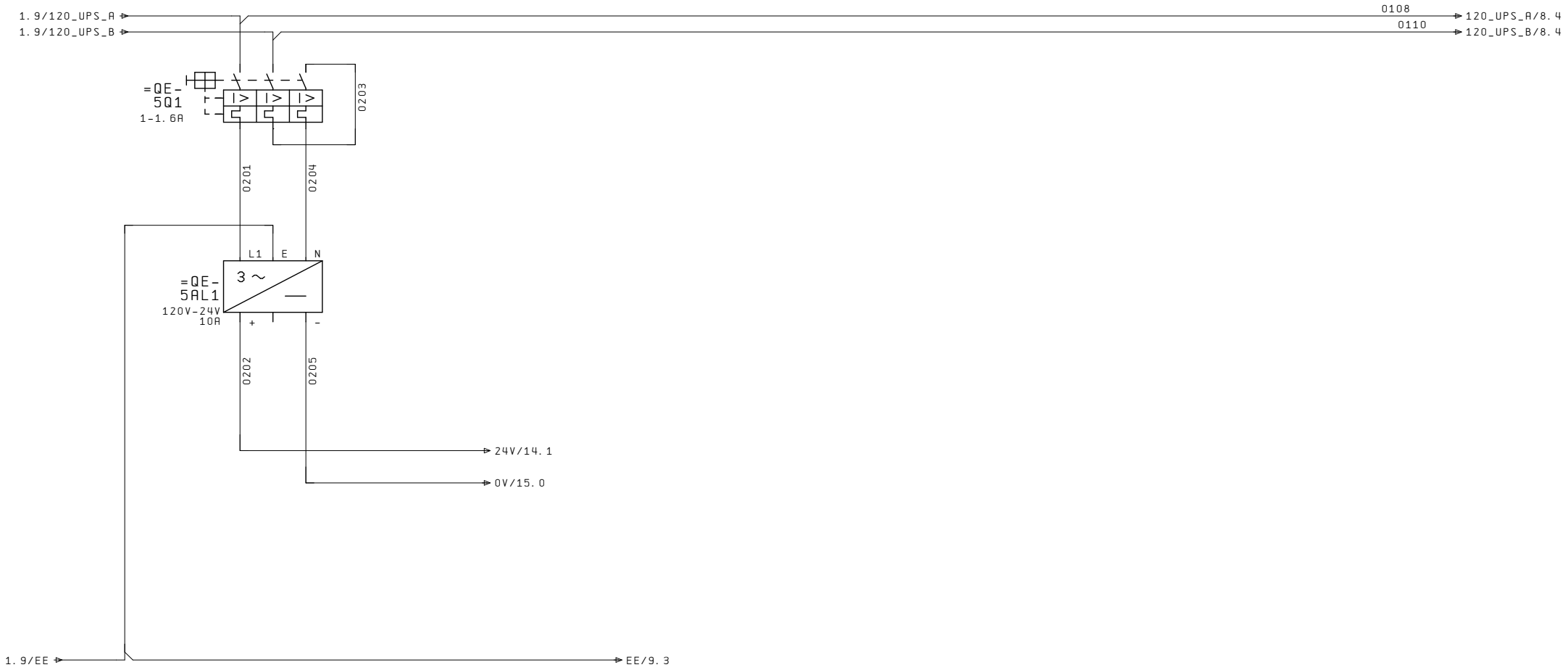
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 2
Modifiche	Data	Nome	Norm.							101



24VDC AUXILIARY
POWER SUPPLY

2

7

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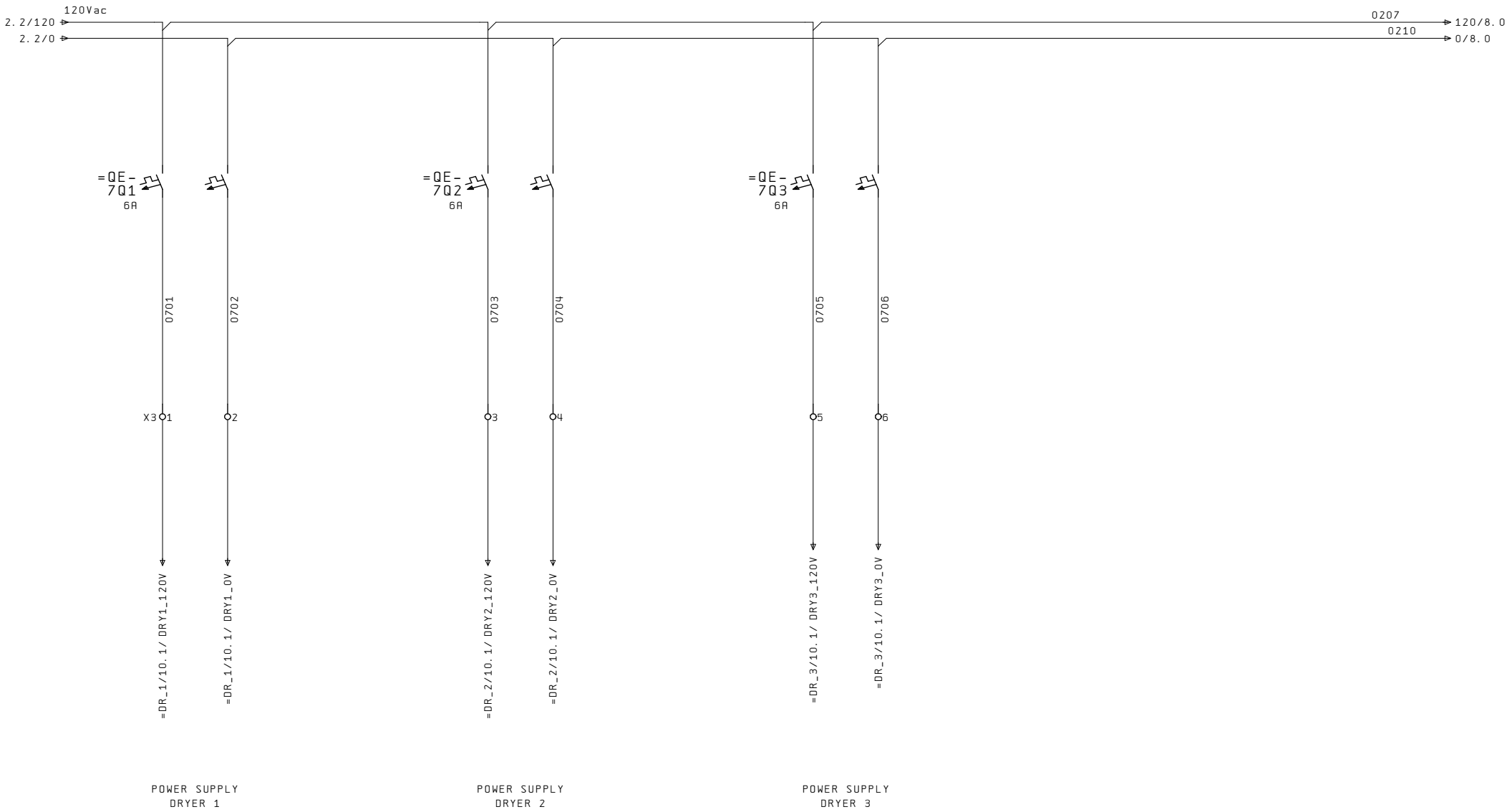

5 8

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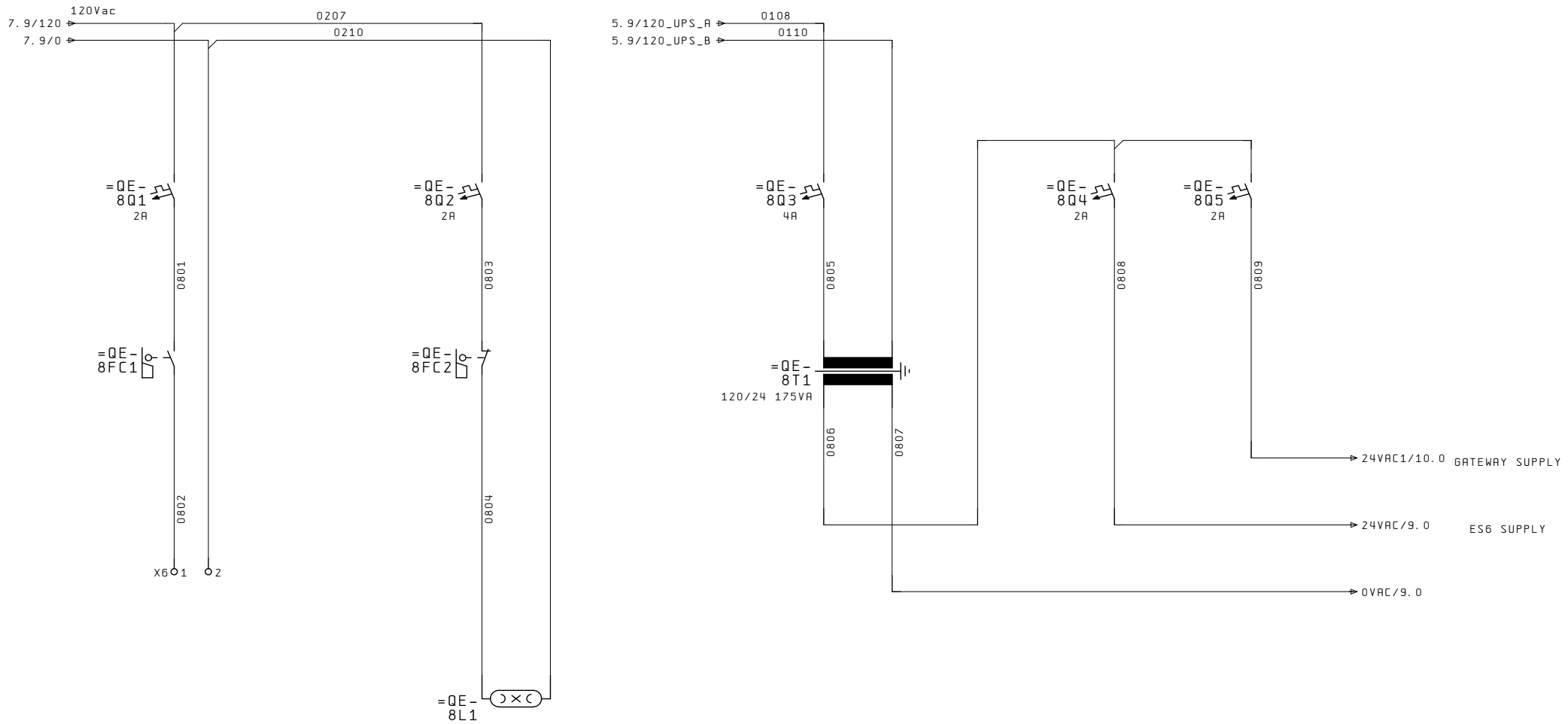
Modifiche	Data	Nome	Norm.							101



7 9

			Data		2018/0757	R. E. M. SRL	AUXILIARY	2018/0757	=QE	
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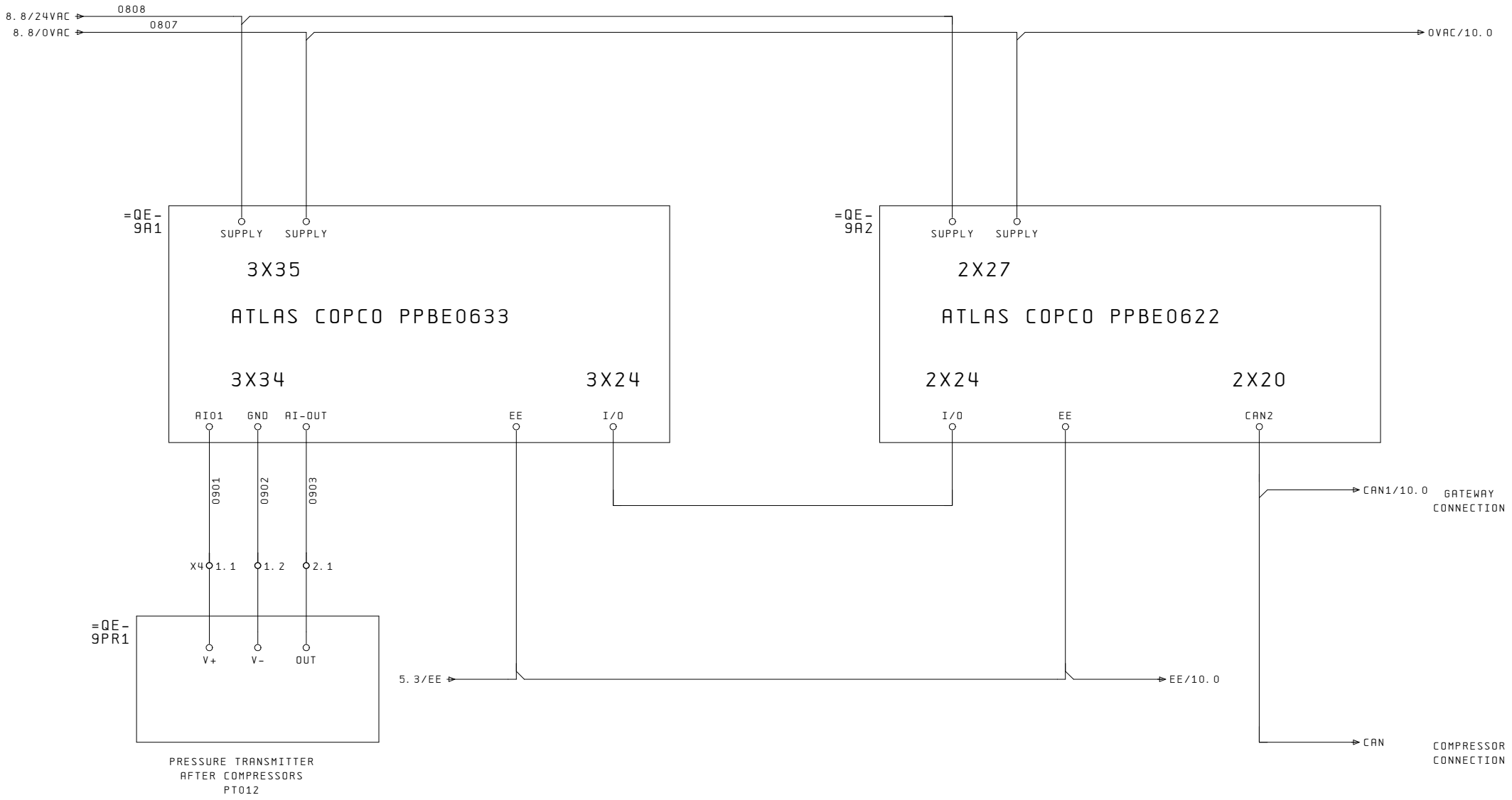
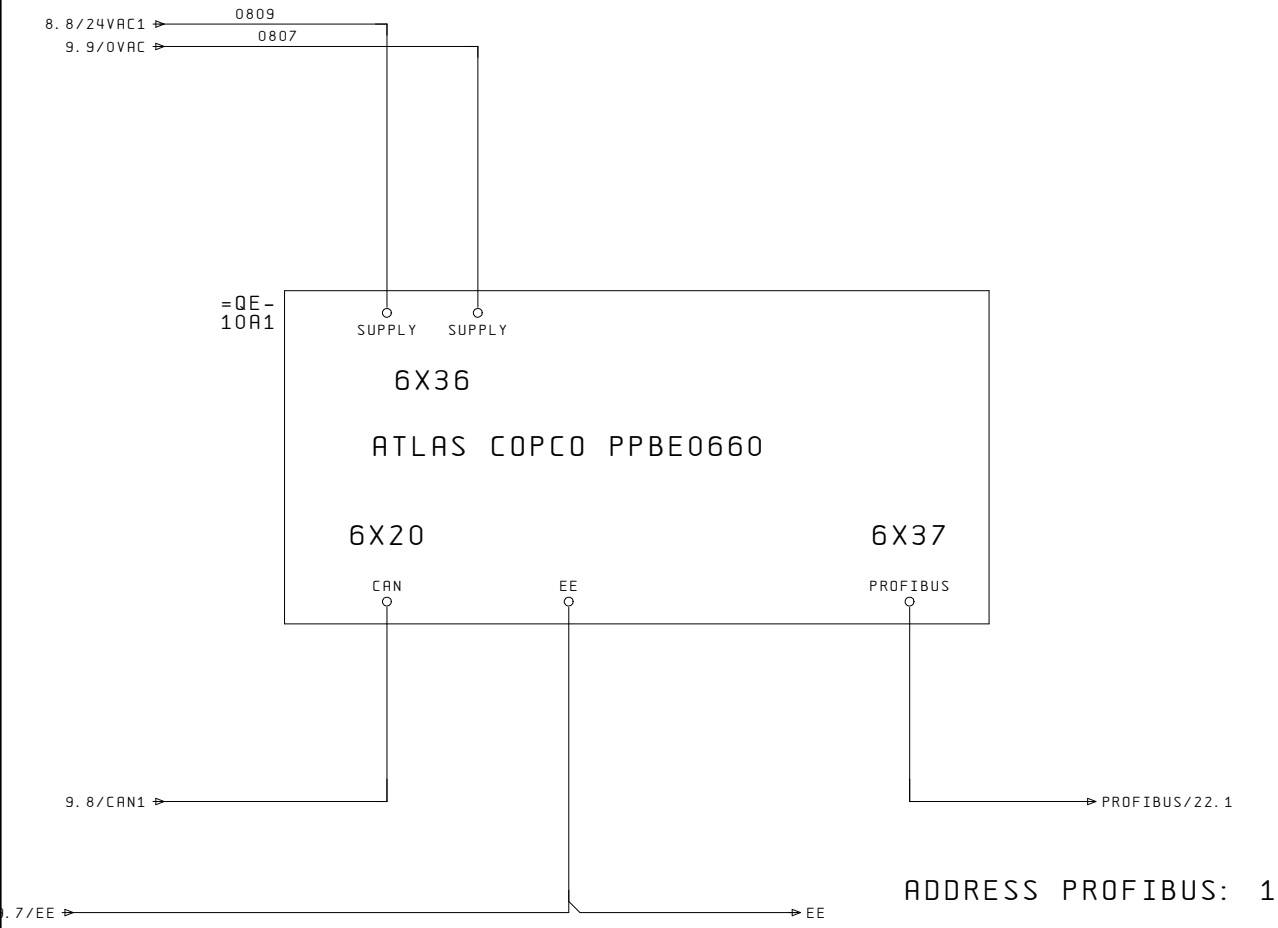
Modifiche	Data	Nome	Norm.							101


8.8/24VAC
8.8/0VAC
0808
0807
0VAC/10.0
=QE-9A1
SUPPLY
SUPPLY
3X35
ATLAS COPCO PPBE0633
3X34
3X24
AIO1
GND
AI-OUT
EE
I/O
=QE-9A2
SUPPLY
SUPPLY
2X27
ATLAS COPCO PPBE0622
2X24
2X20
I/O
EE
CAN2
CAN1/10.0
GATEWAY CONNECTION
0901
0902
0903
X4
1.1
1.2
2.1
=QE-9PR1
V+
V-
OUT
5.3/EE
EE/10.0
CAN
COMPRESSOR CONNECTION
PRESSURE TRANSMITTER
AFTER COMPRESSORS
PT012



ADDRESS PROFIBUS: 1

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			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 10
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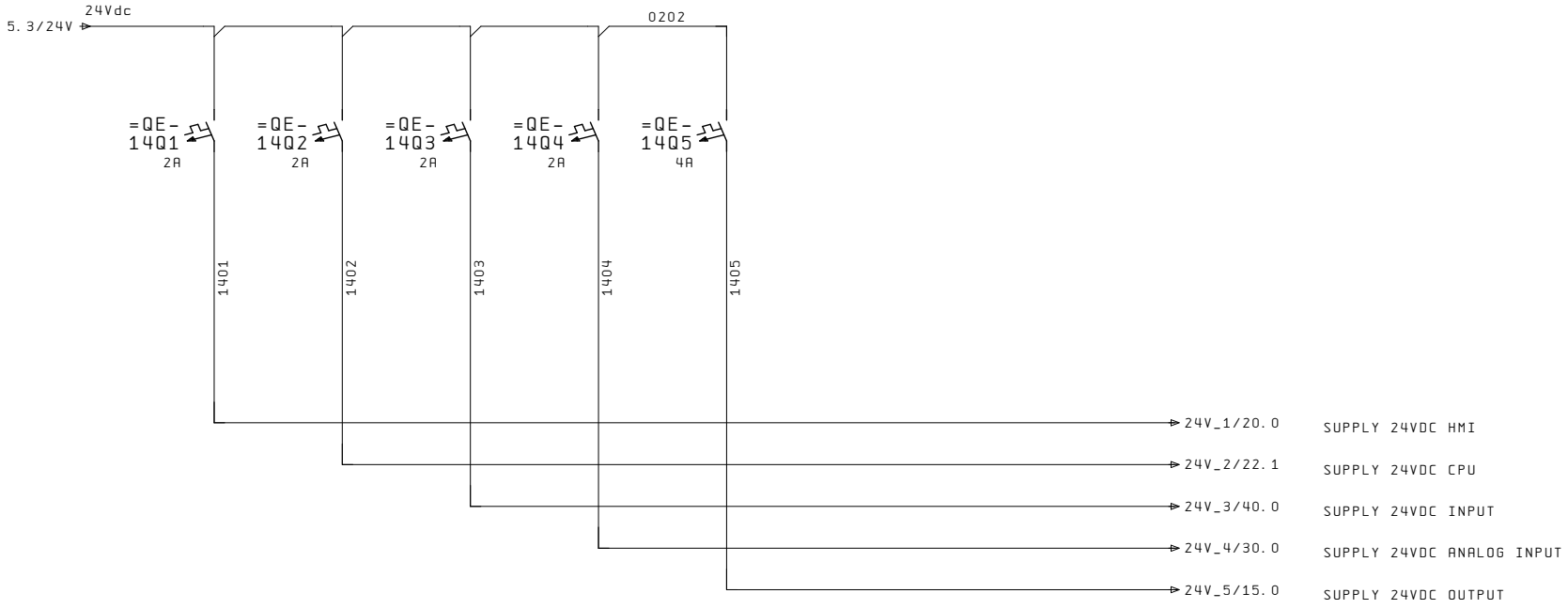

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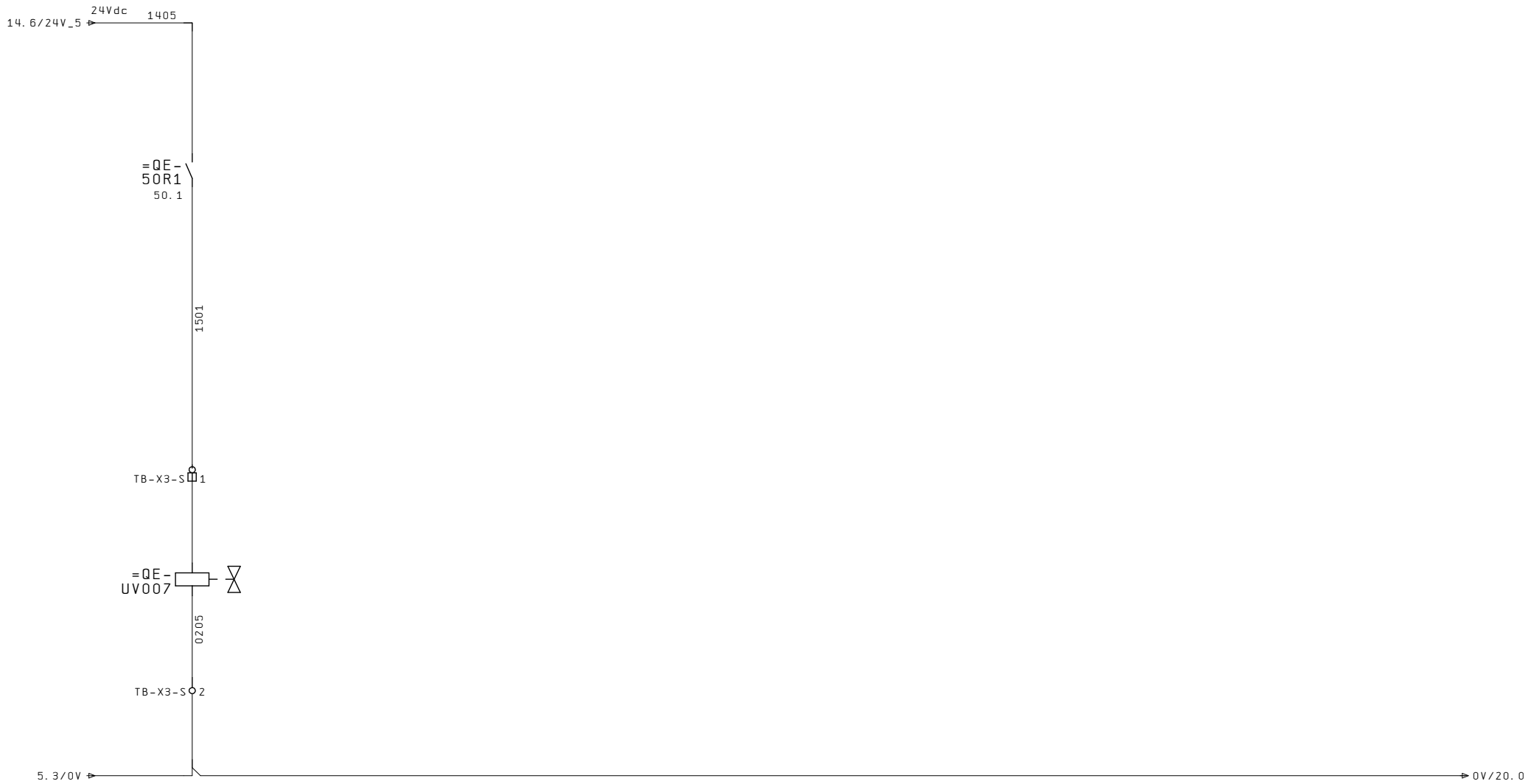
			Diseg.	ALE					RIEM SERVICE SRL	
			Plot.	02. Mar. 2019						Pag. 14 / 101
Modifiche	Data	Nome	Norm.							



SOLENOID VALVE
UY007

14

16

			Data		2018/0757	R. E. M. SRL	AIR ELECTROVALVE	2018/0757	=QE	
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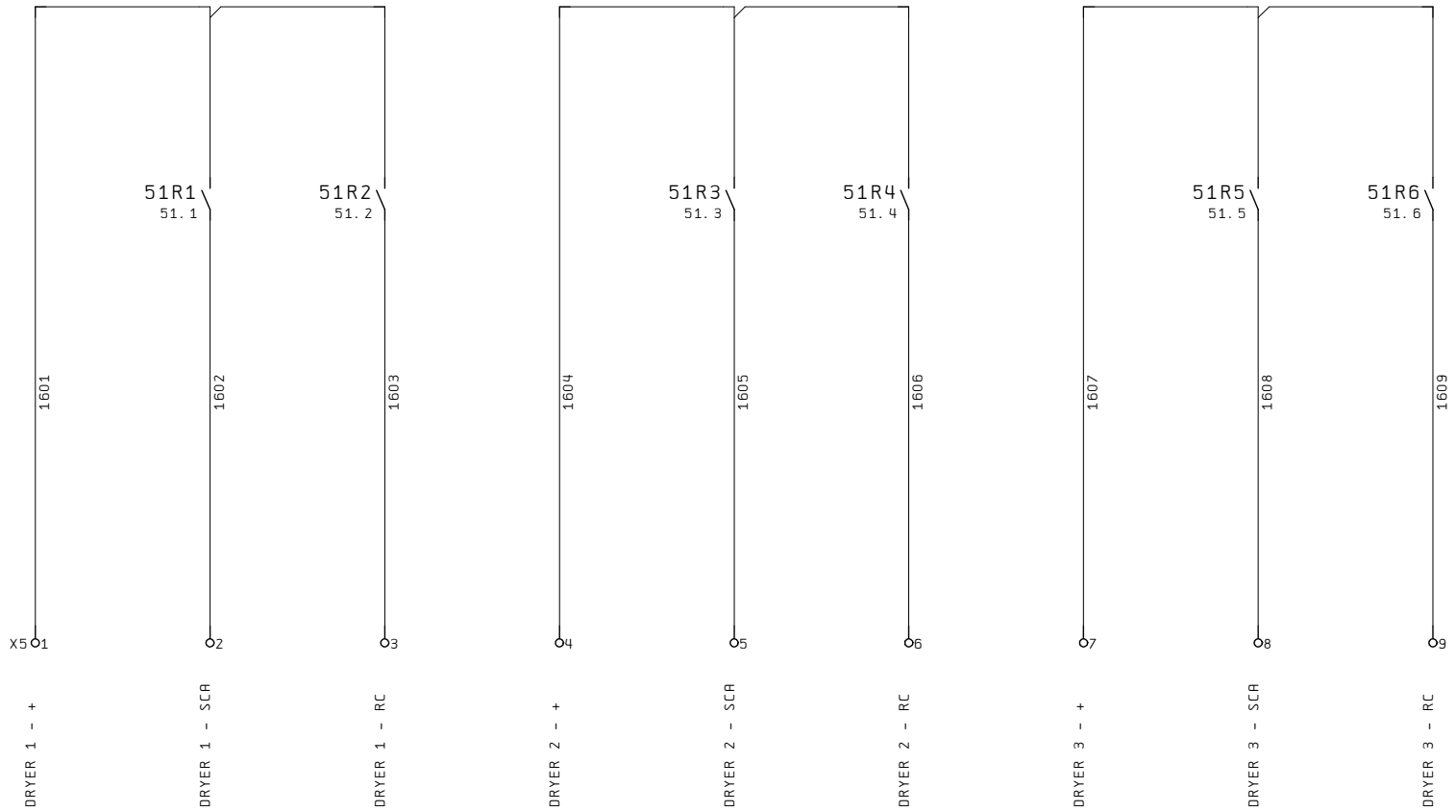
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 15
Modifiche	Data	Nome	Norm.							101



DRYER 1
004601JK001

DRYER 2
004602JK001

DRYER 3
004603JK001

DRYER CONTROL

15

18

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			Diseg.	ALE	IMPIANTO SKID				+
			Plot.	02. Mar. 2019				RIEM SERVICE SRL	Pag. 16
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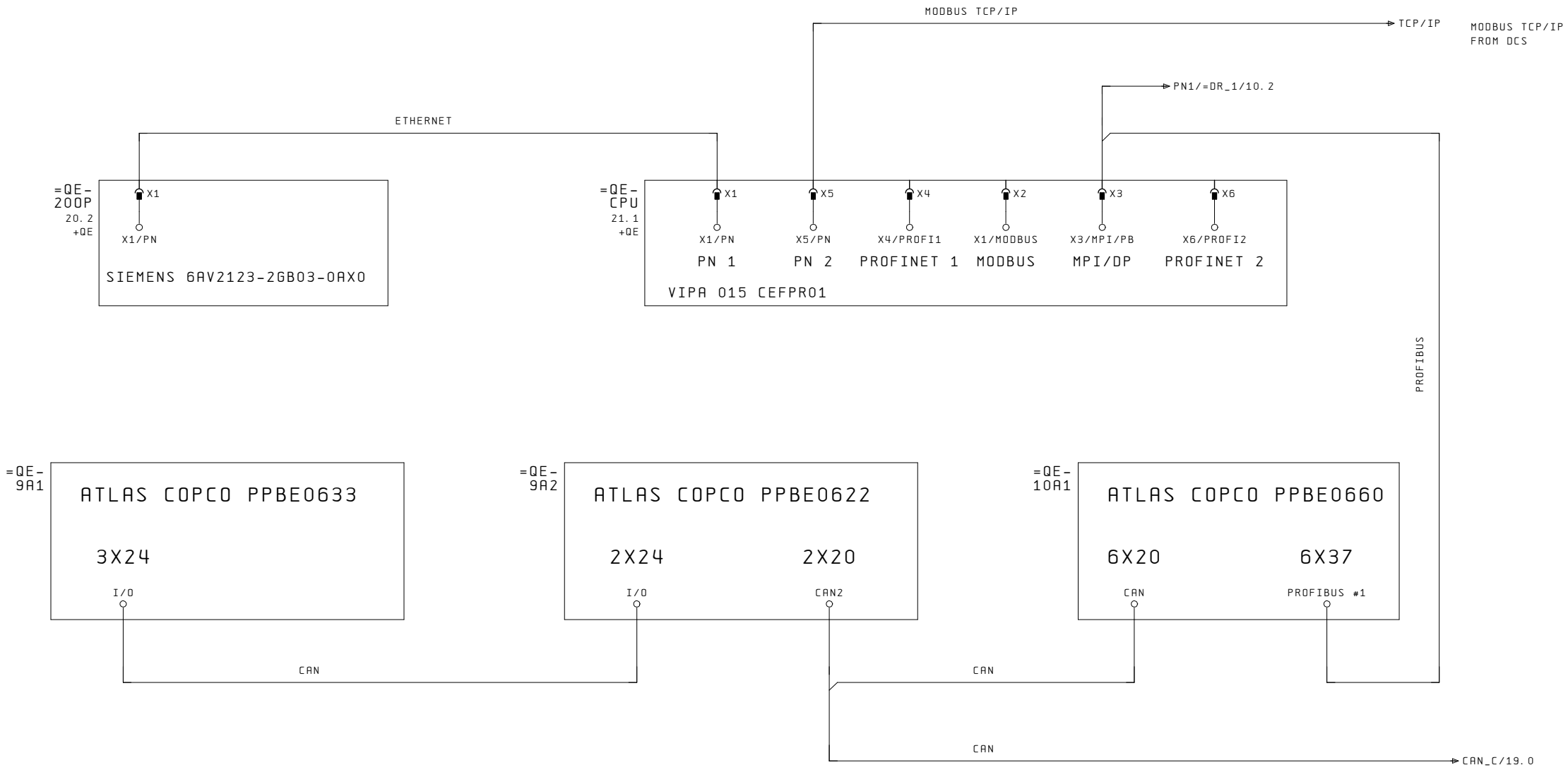

16

19

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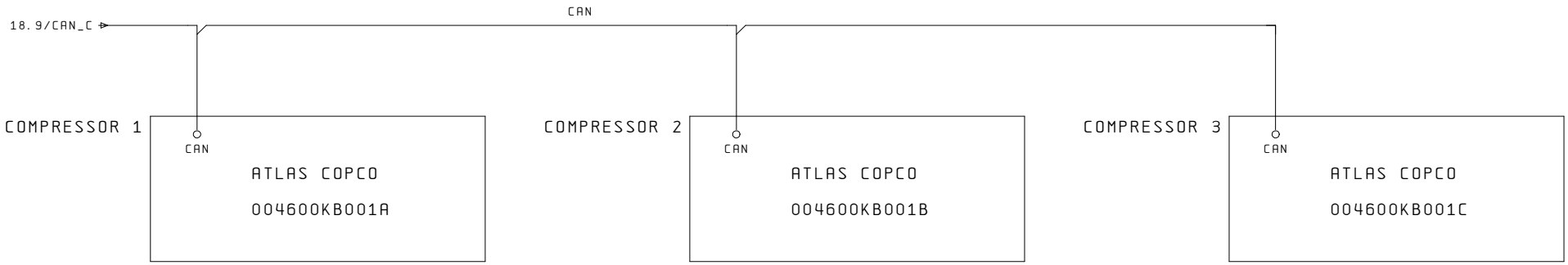
Modifiche	Data	Nome	Norm.								101



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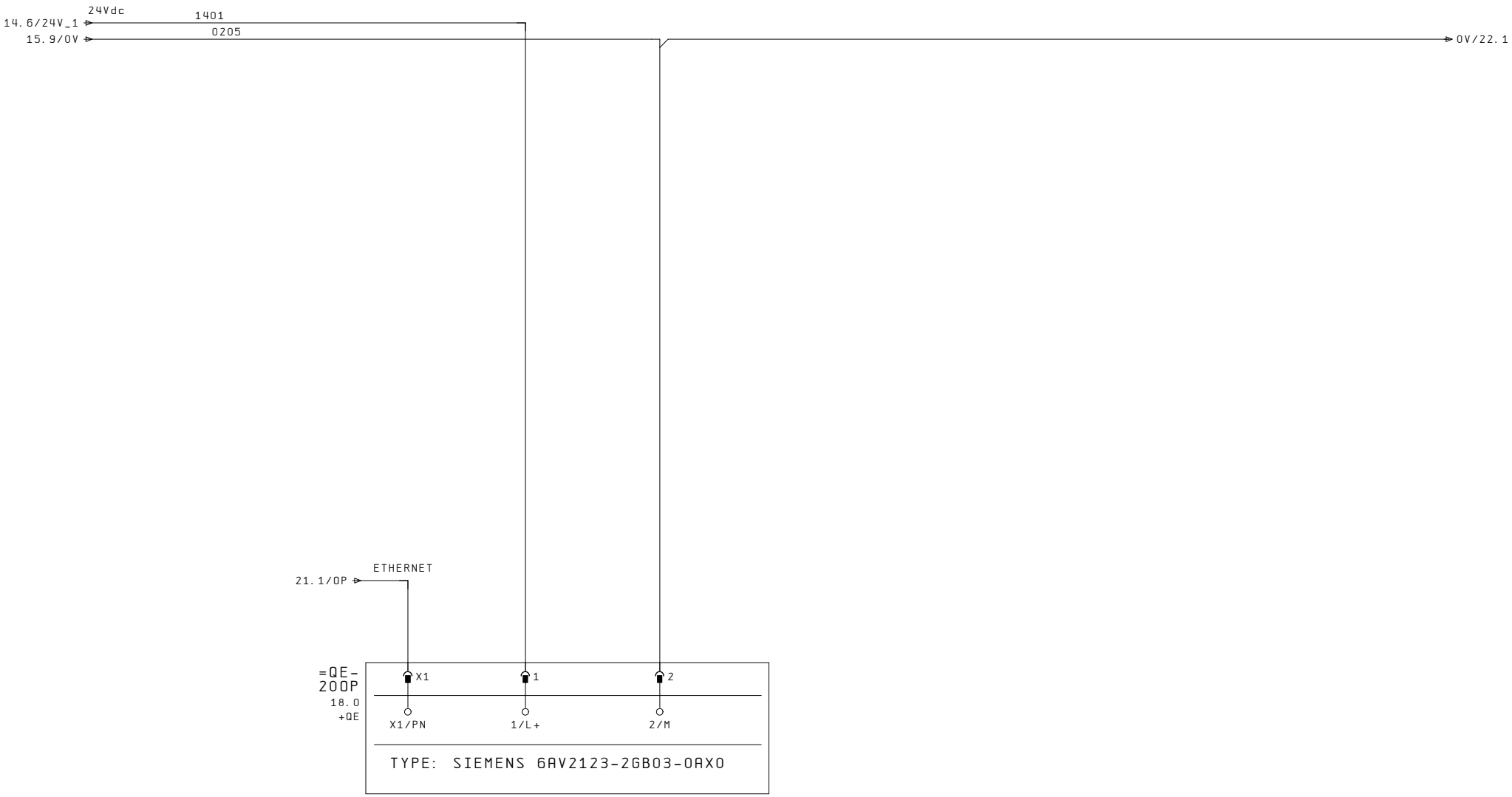

19

21

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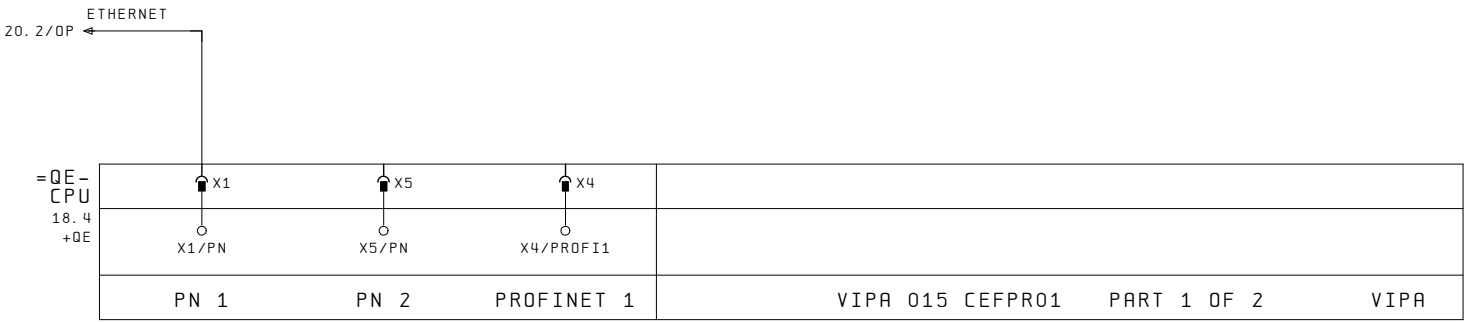

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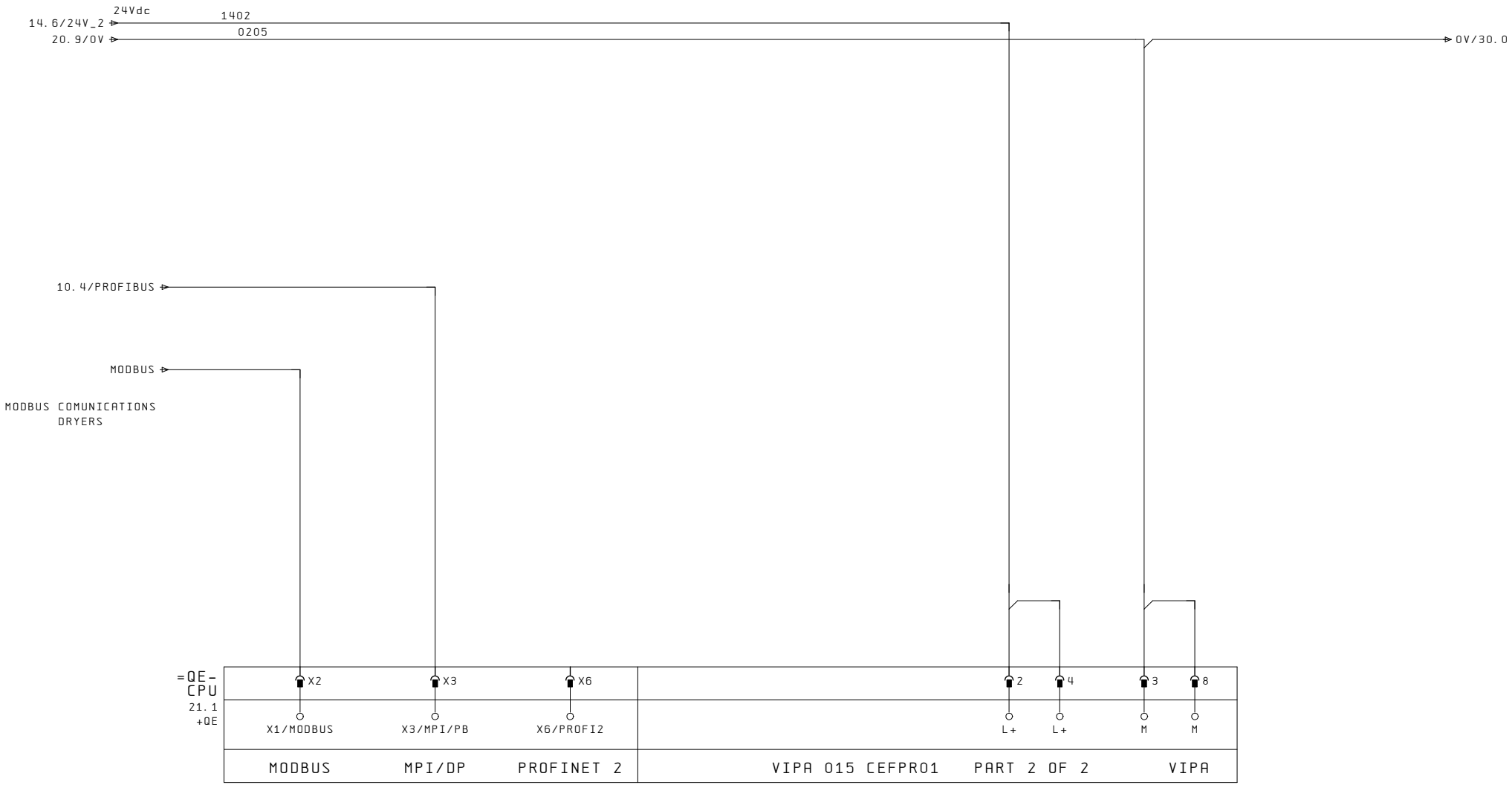
Modifiche	Data	Nome	Norm.						101



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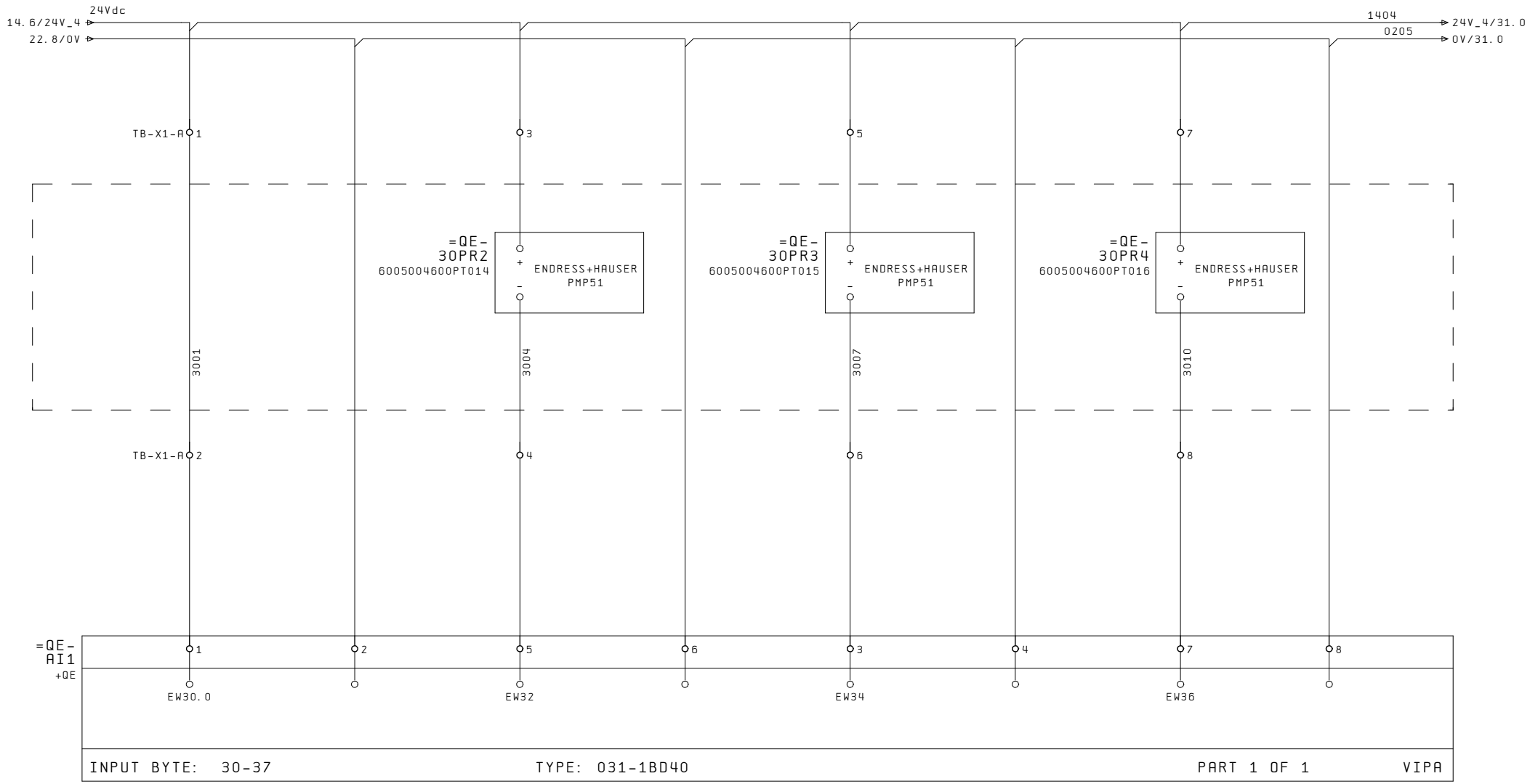

22

31

			Data		2018/0757	R. E. M. SRL	ANALOGUE INPUTS	2018/0757	=QE
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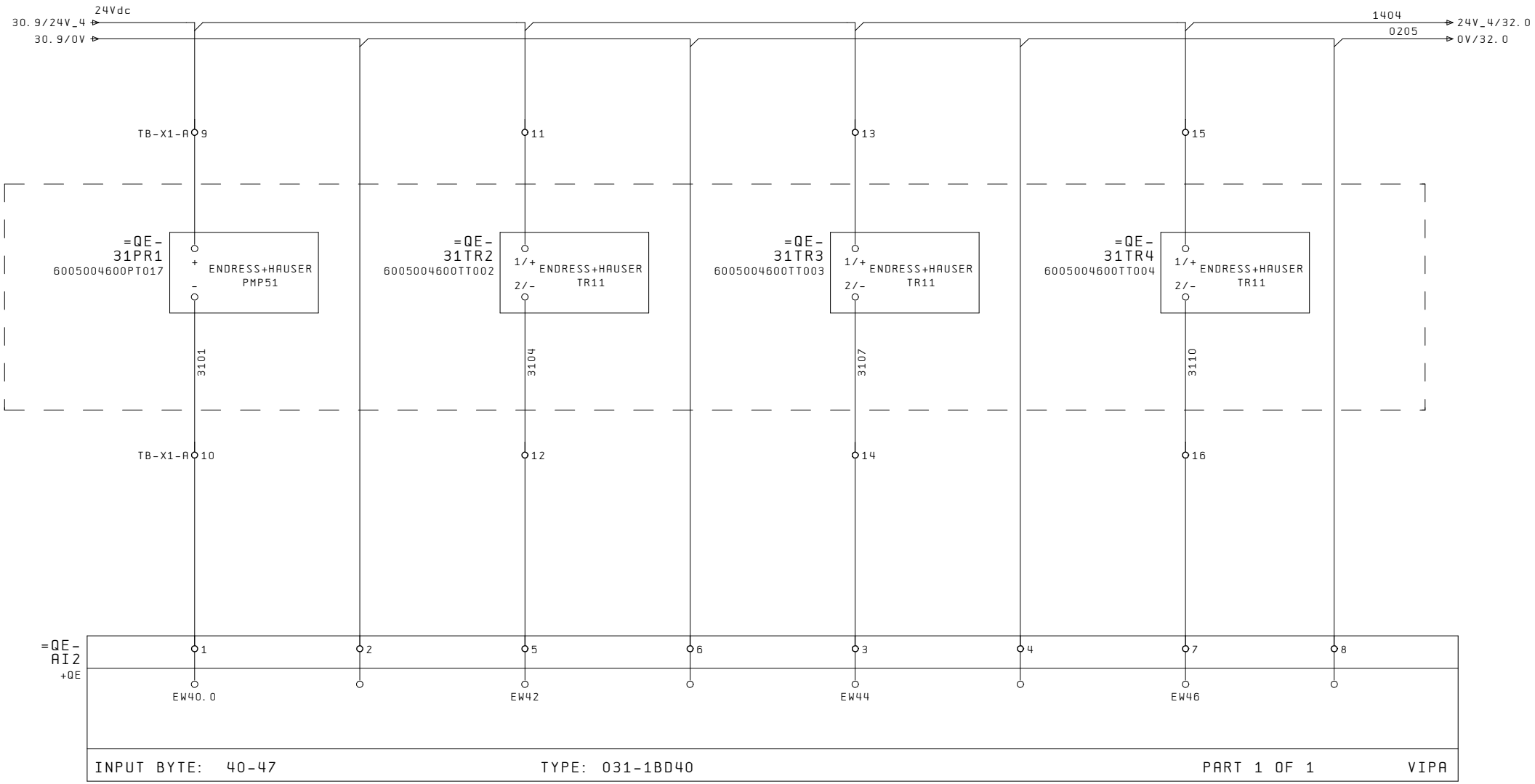
			Plot.	02. Mar. 2019				RIEM SERVICE SRL	Pag. 30
Modifiche	Data	Nome	Norm.						101



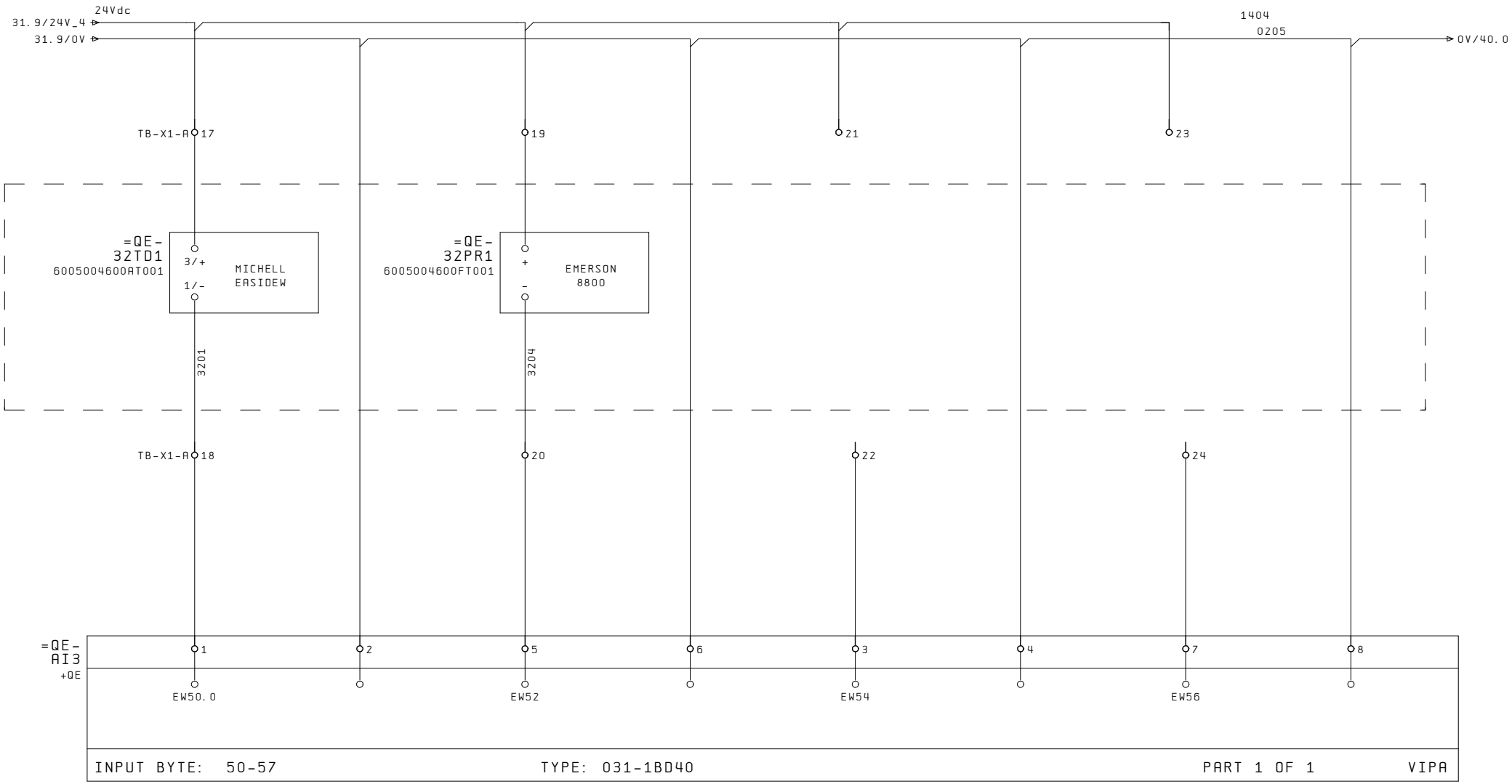
PRESSUR TRANSMITTER
(0-16 BAR)
6005004600PT017

TEMPERATURE TRANSMITTER
(0-60 °C)
6005004600TT002

TEMPERATURE TRANSMITTER
(0-60 °C)
6005004600TT003

TEMPERATURE TRANSMITTER
(0-60 °C)
6005004600TT004

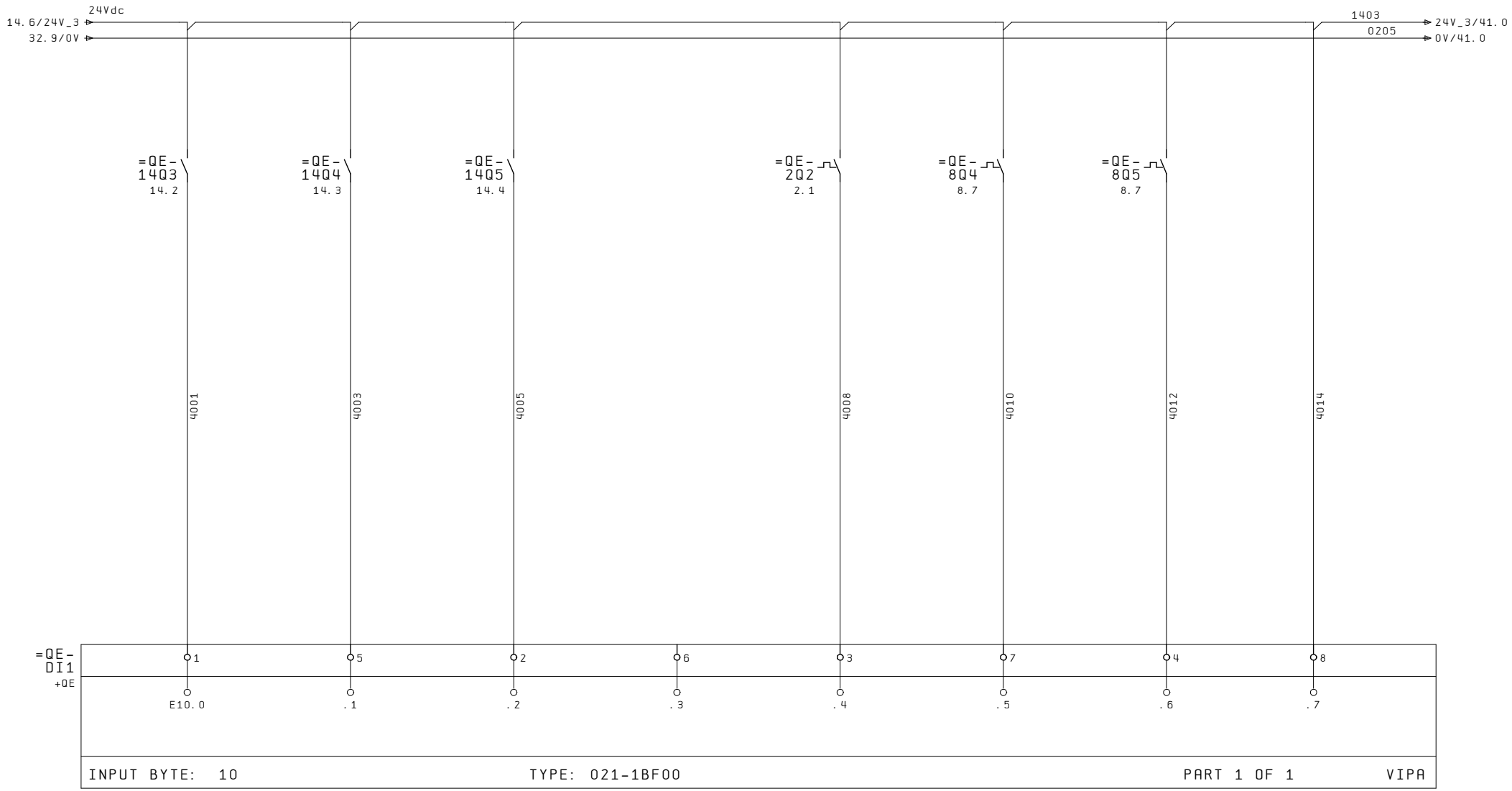
			Data		2018/0757	R. E. M. SRL	ANALOGUE INPUTS	2018/0757	=QE
			Diseg.	ALE	IMPIANTO SKID				+
			Plot.	02. Mar. 2019				RIEM SERVICE SRL	Pag. 31
Modifiche	Data	Nome	Norm.						101



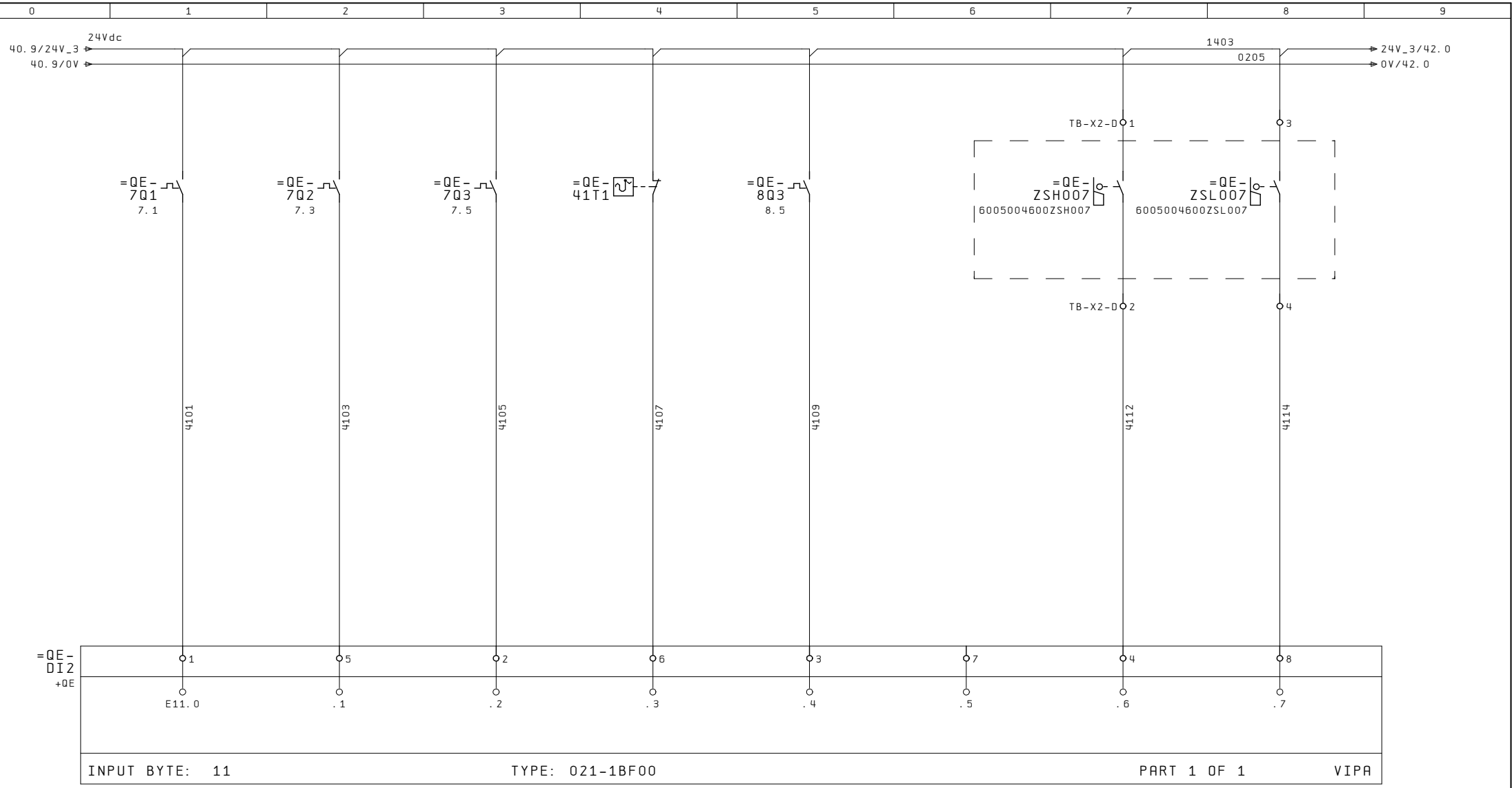
31

40

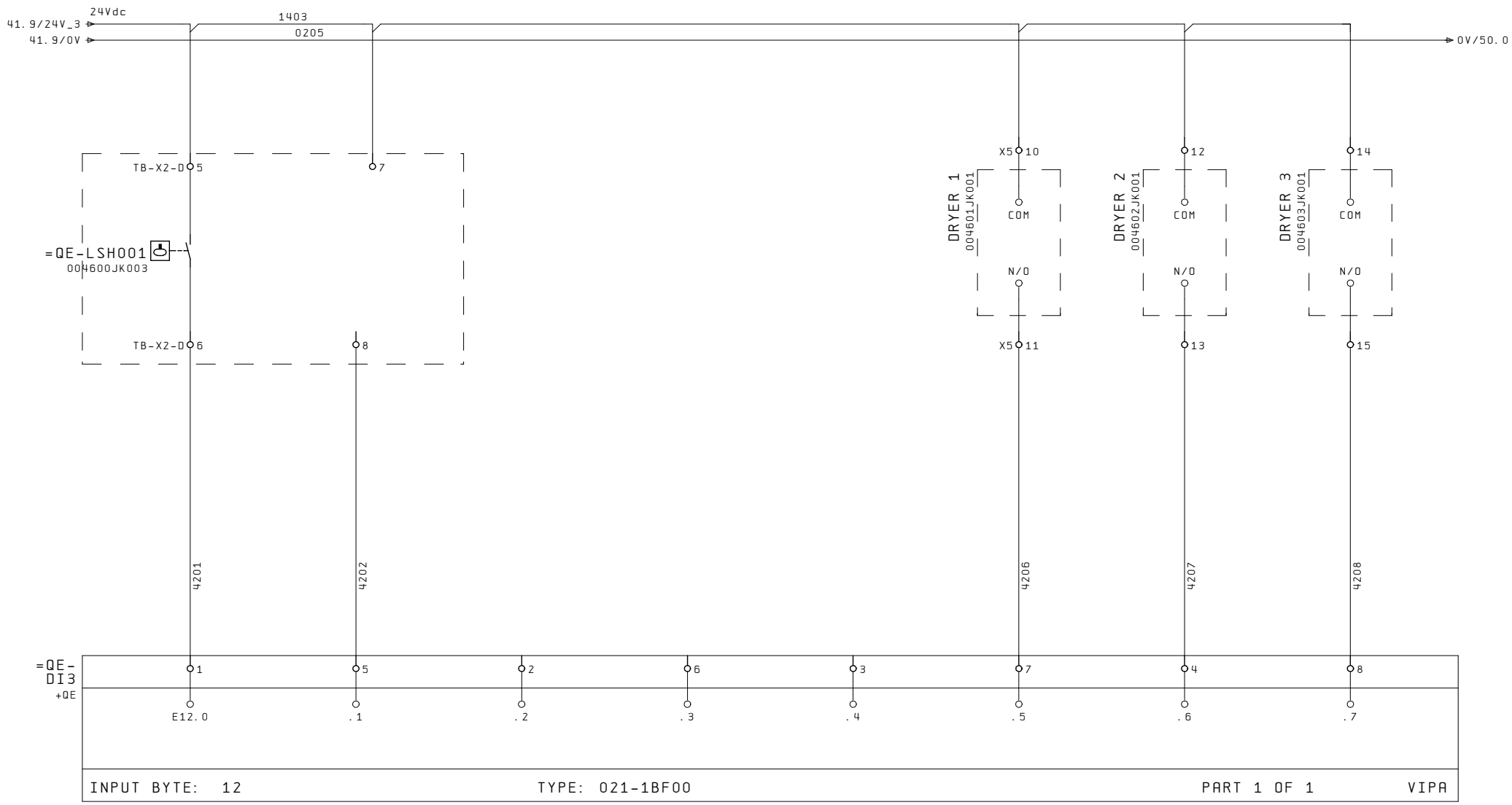
			Data		2018/0757	R. E. M. SRL	ANALOGUE INPUTS	2018/0757	=QE	
			Diseg.	ALE	IMPIANTO SKID				+	
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 32
Modifiche	Data	Nome	Norm.							101



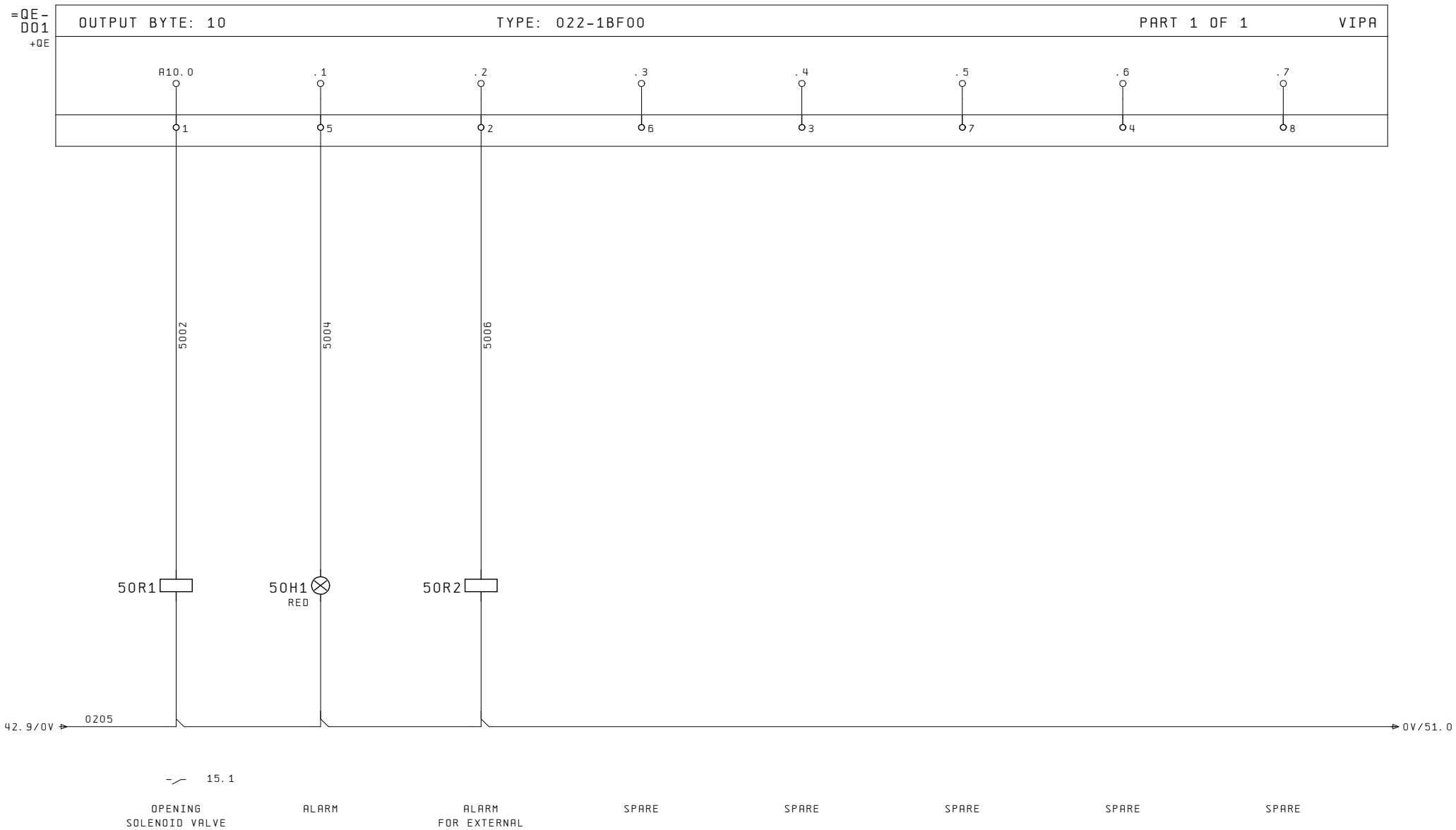
			Data		2018/0757		R. E. M. SRL	DIGITAL INPUTS	2018/0757	=QE
			Diseg.	ALE	IMPIANTO SKID					+
			Plot.	02. Mar. 2019					RIEM SERVICE SRL	Pag. 40
Modifiche	Data	Nome	Norm.							101



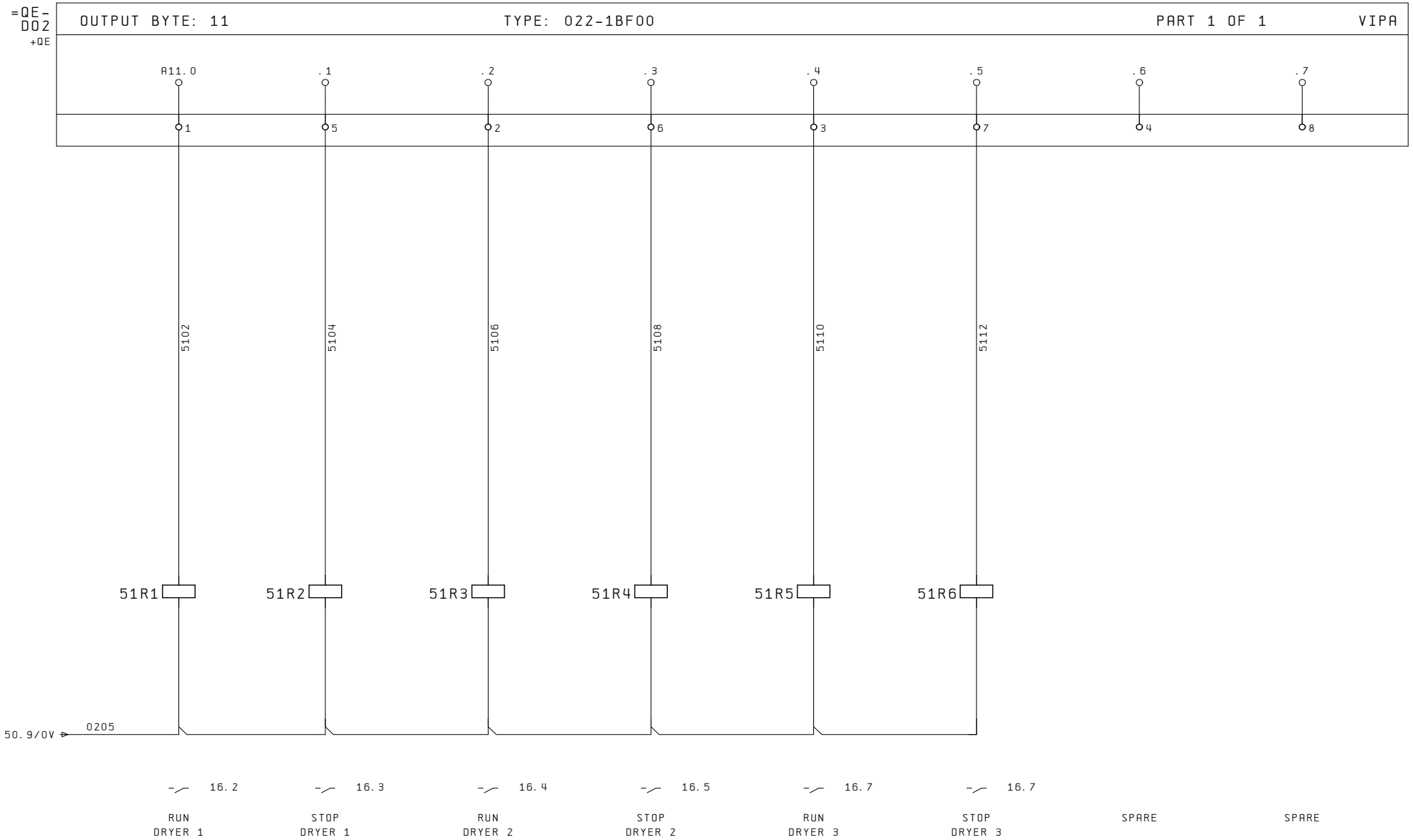
			Data		2018/0757	R. E. M. SRL	DIGITAL INPUTS	2018/0757	=QE
			Diseg.	ALE	IMPIANTO SKID				+
			Plot.	02. Mar. 2019				RIEM SERVICE SRL	Pag. 41
Modifiche	Data	Nome	Norm.						101



			Data		2018/0757	R. E. M. SRL	DIGITAL INPUTS	2018/0757	=QE
			Diseg.	ALE	IMPIANTO SKID				+
			Plot.	02. Mar. 2019				RIEM SERVICE SRL	Pag. 42
Modifiche	Data	Nome	Norm.						101

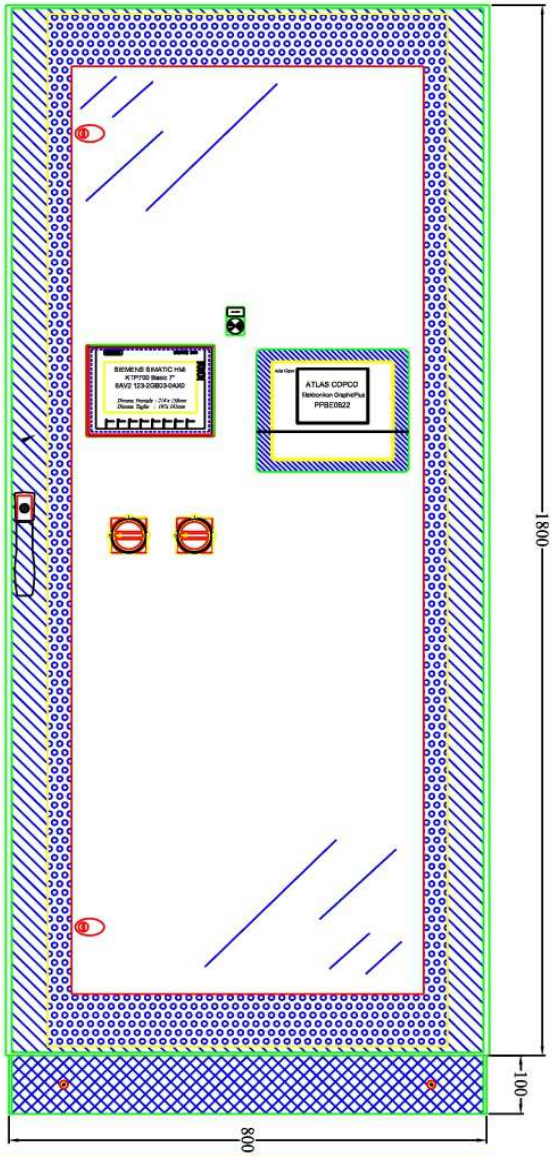


			Data		2018/0757	R. E. M. SRL	DIGITAL OUTPUTS	2018/0757	=QE	
			Diseg.	ALE	IMPIANTO SKID				+	
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 50
Modifiche	Data	Nome	Norm.							101



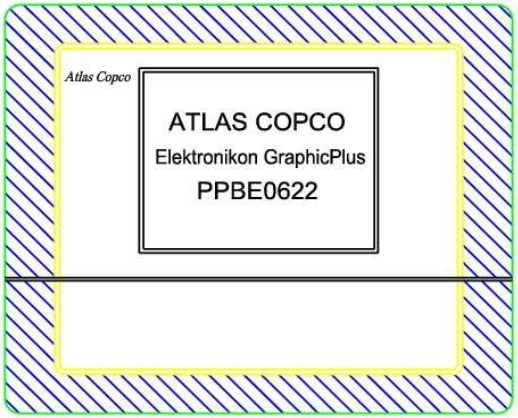
50 100

			Data		2018/0757	R. E. M. SRL	DIGITAL OUTPUTS	2018/0757	=QE	
			Diseg.	ALE	IMPIANTO SKID				+	
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 51
Modifiche	Data	Nome	Norm.							101



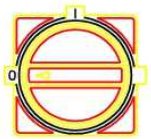
ARMADIO ABB serie IS2 (1800x800x400) + Zoccolo H.100

=QE-200P

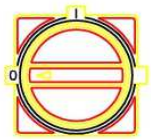


=QE-9A2

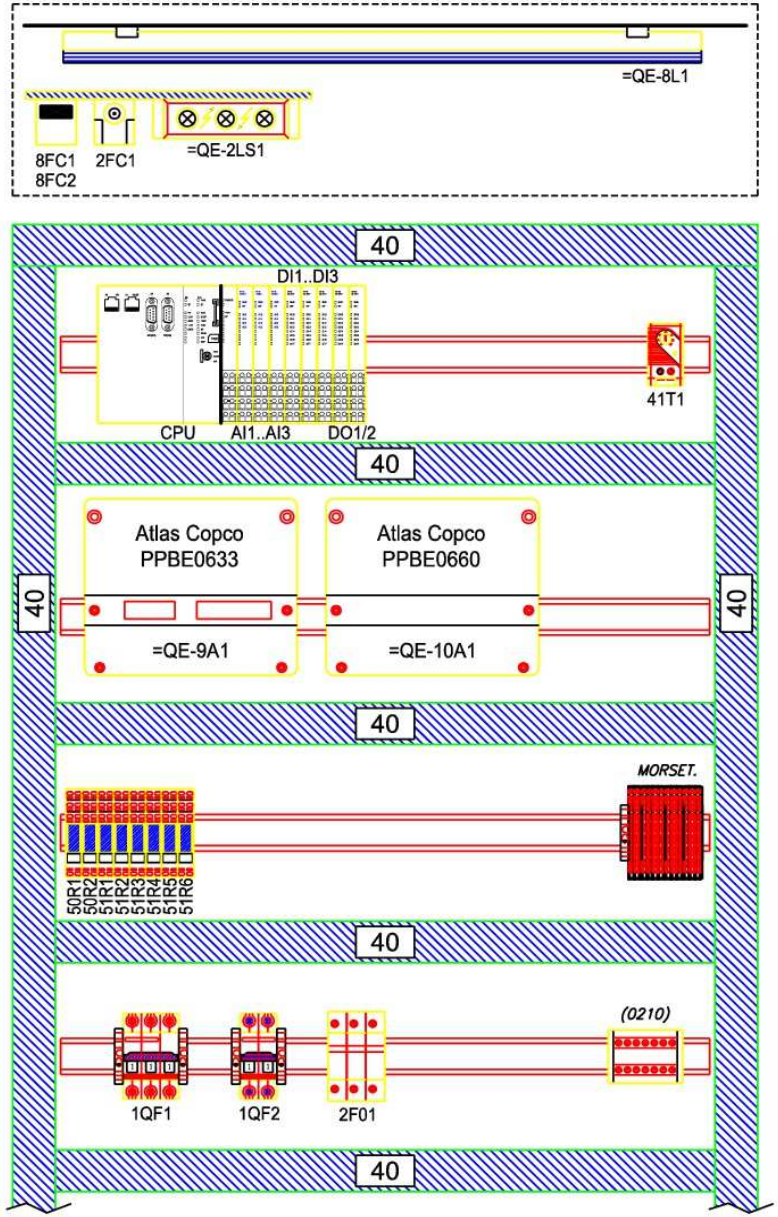
=QE-1QF1

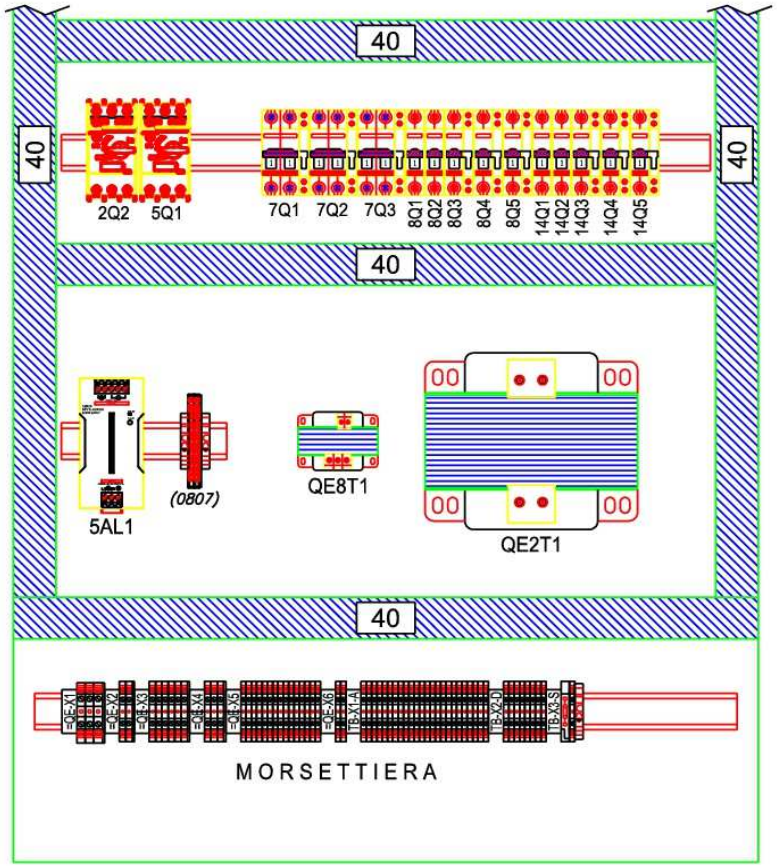


=QE-1QF2



			Data		2018/0757	R. E. M. SRL	LAYOUT EXTERNAL BOX	2018/0757	=QE	
			Diseg.	AAA	IMPIANTO SKID				+	
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 100
Modifiche	Data	Nome	Norm.							101

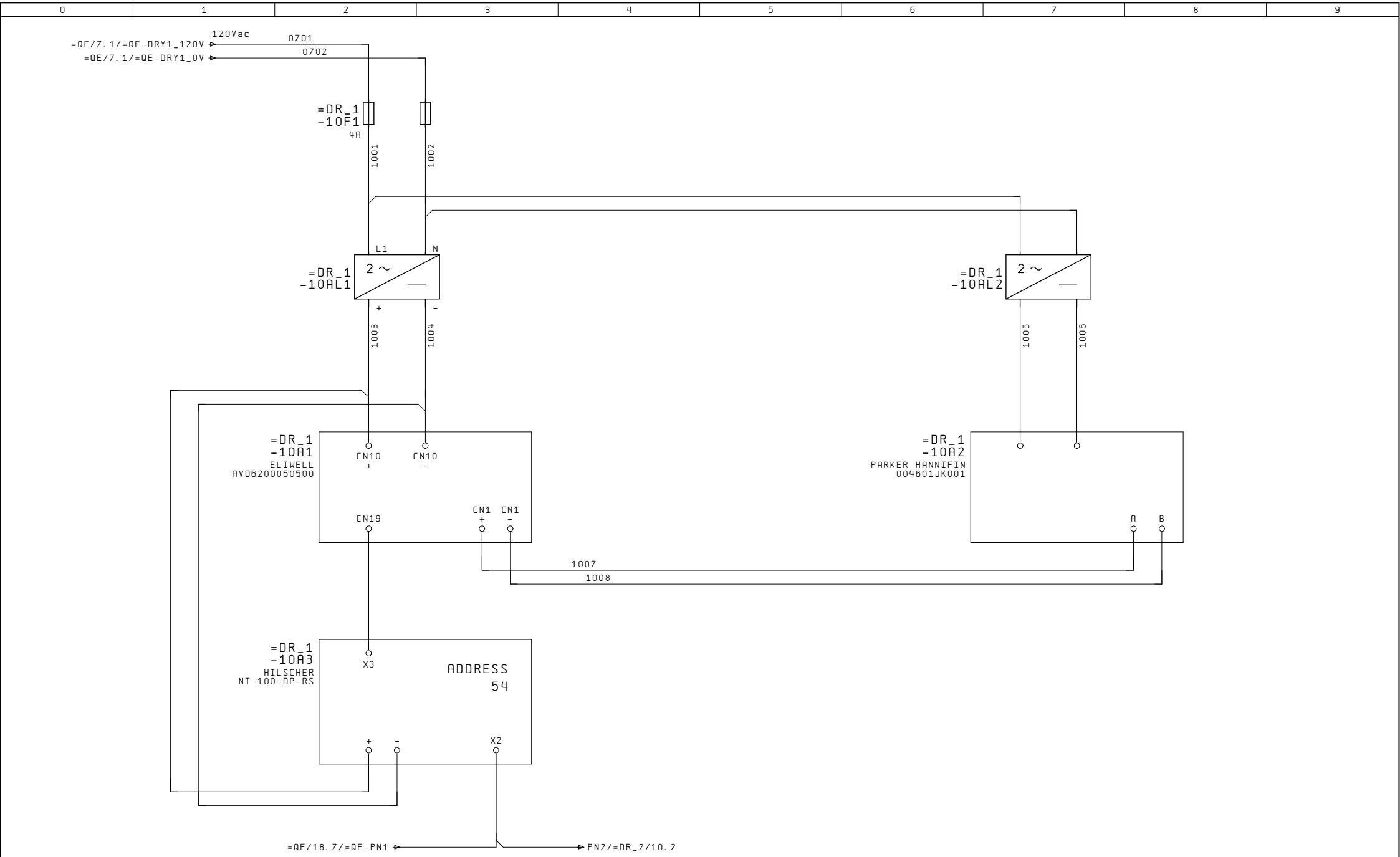




100

=DR_1/10

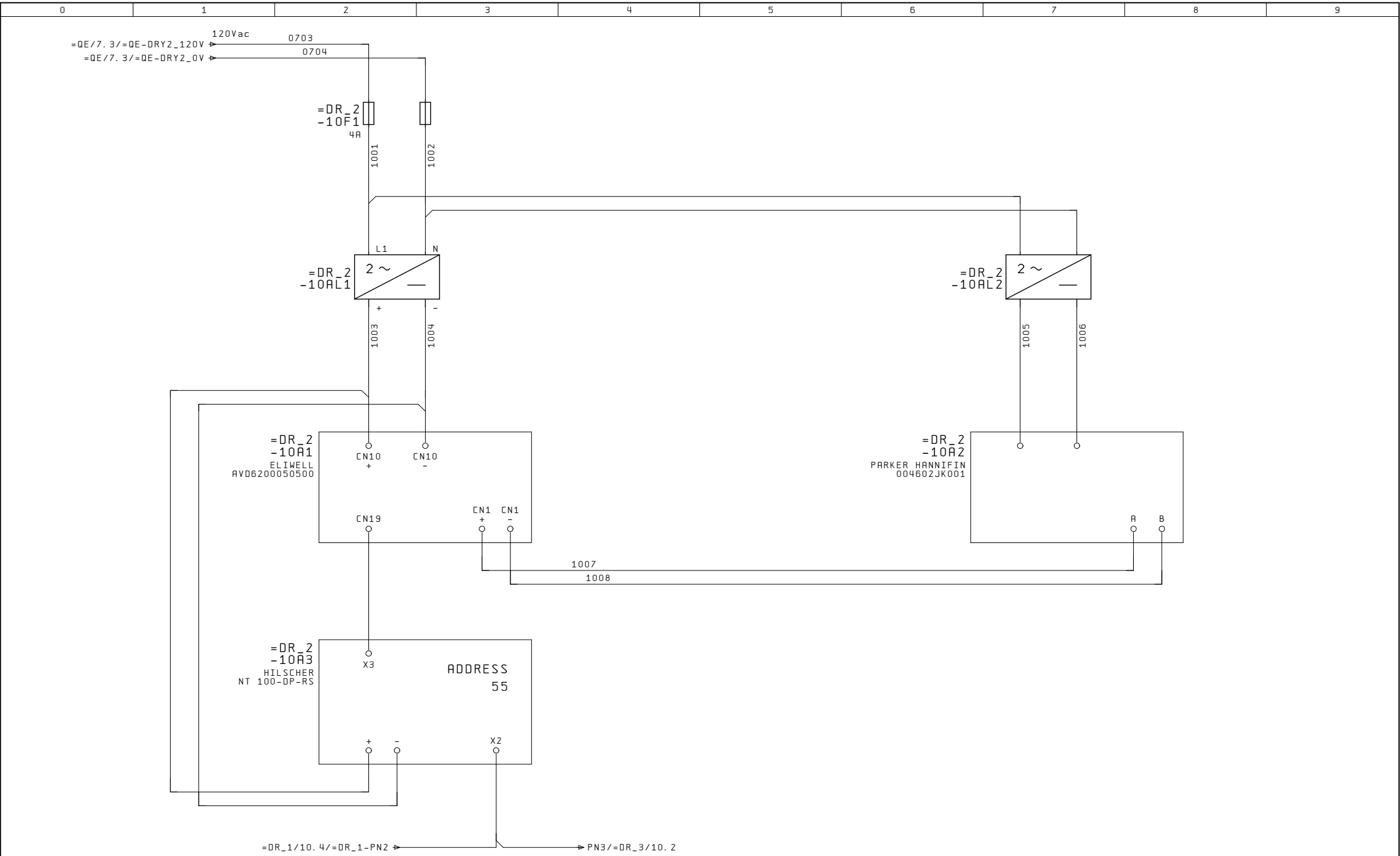
			Data		2018/0757	R. E. M. SRL	LAYOUT INTERNAL BOX	2018/0757	=QE	
			Diseg.	AAA	IMPIANTO SKID				+	
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag 101
Modifiche	Data	Nome	Norm.							101



/101

=DR_2/10

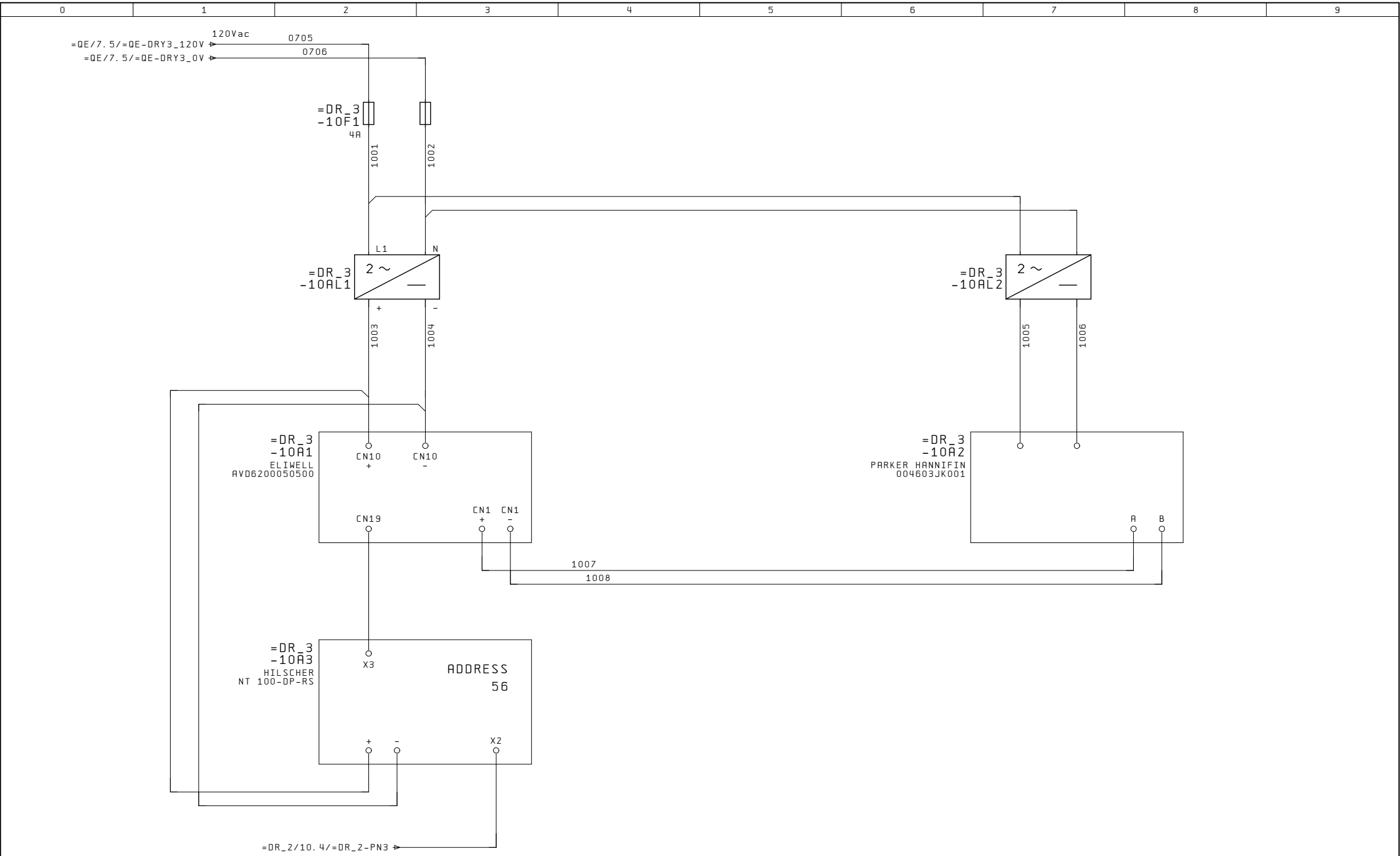
			Data		2018/0757	R. E. M. SRL	DRYER 1	2018/0757	=DR_1	
			Diseg.	ALE	IMPIANTO SKID		CONNECTION BOX		+	
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 10
Modifiche	Data	Nome	Norm.							10



1/10

=DR_3/10

			Data		2018/0757	R. E. M. SRL	DRYER 2	2018/0757	=DR_2	
			Diseg.	ALE	IMPIANTO SKID		CONNECTION BOX		+	
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 10
Modifiche	Data	Nome	Norm.							10



2/10

			Data		2018/0757	R. E. M. SRL	DRYER 3	2018/0757	=DR_3	
			Diseg.	ALE	IMPIANTO SKID		CONNECTION BOX		+	
			Plot.	02. Mar. 2019				RIEM SERVICE SRL		Pag. 10
Modifiche	Data	Nome	Norm.							10