

Producer :	Normann Srl	Committed : 14215 - A3L00011	
Post code :	33074	Wiring Diagram : 14215 - 17.05.2025	
Street :	Guglielmo Oberdan 69 - z.i. La Croce	Projet Code : Sistema NAT-PLUS NORMANN	
City :	Fontanafredda (PN)	Description : QE NAT 20 R290 ATEX 3x400V+N/50HZ - V8	
Phone :	0434.999079	Num. Sheets : 22	Cod. Art. Customer : A3L00011
Fax :	0434.999659	Rev. Index : 8	Cod. Art. : 14215
E-Mail :	info@normann.it	Rev. date : 07/08/2025	

Revision Notes :
Inserimento EV4

(*) There must be a current limiter before the supply of the electrical panel,
which guarantees the operation to the value of Icc current indicated



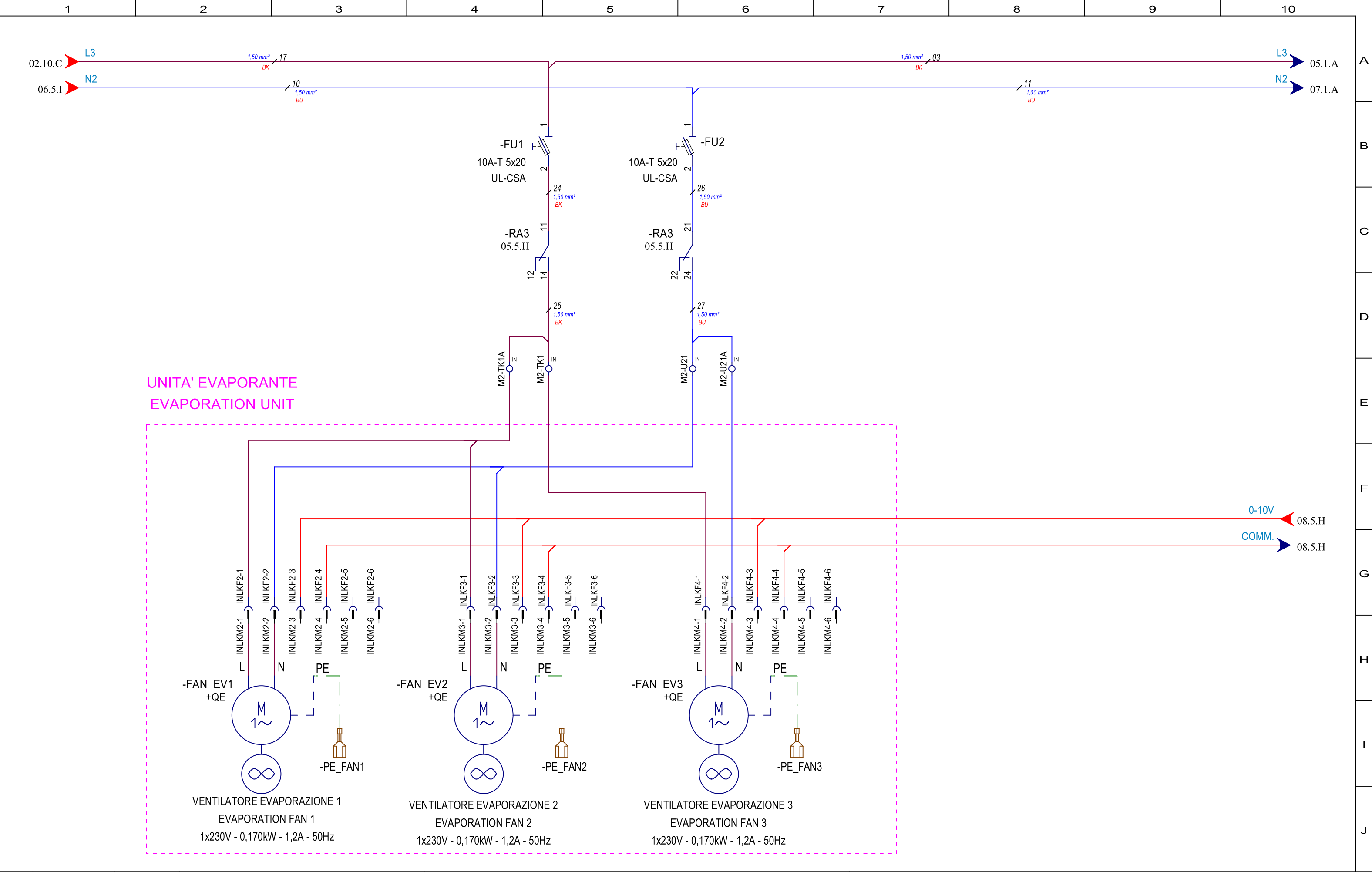
NORMANN

EXTRAORDINARY CHILLING

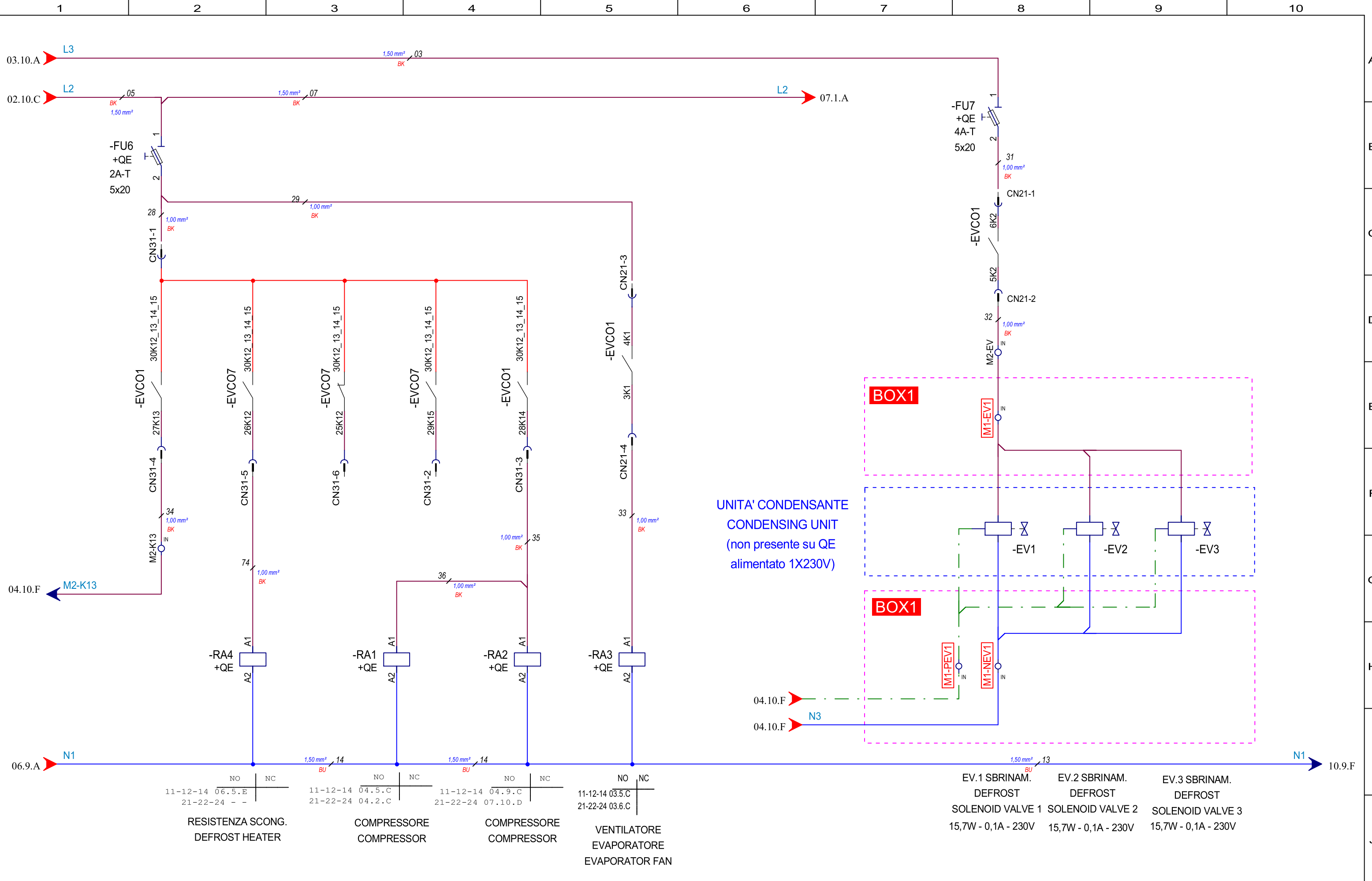
NORMANN Srl
Via Guglielmo Oberdan 69 - z.i. La Croce
33074 Fontanafredda (PN) – Italy

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info@normann.it

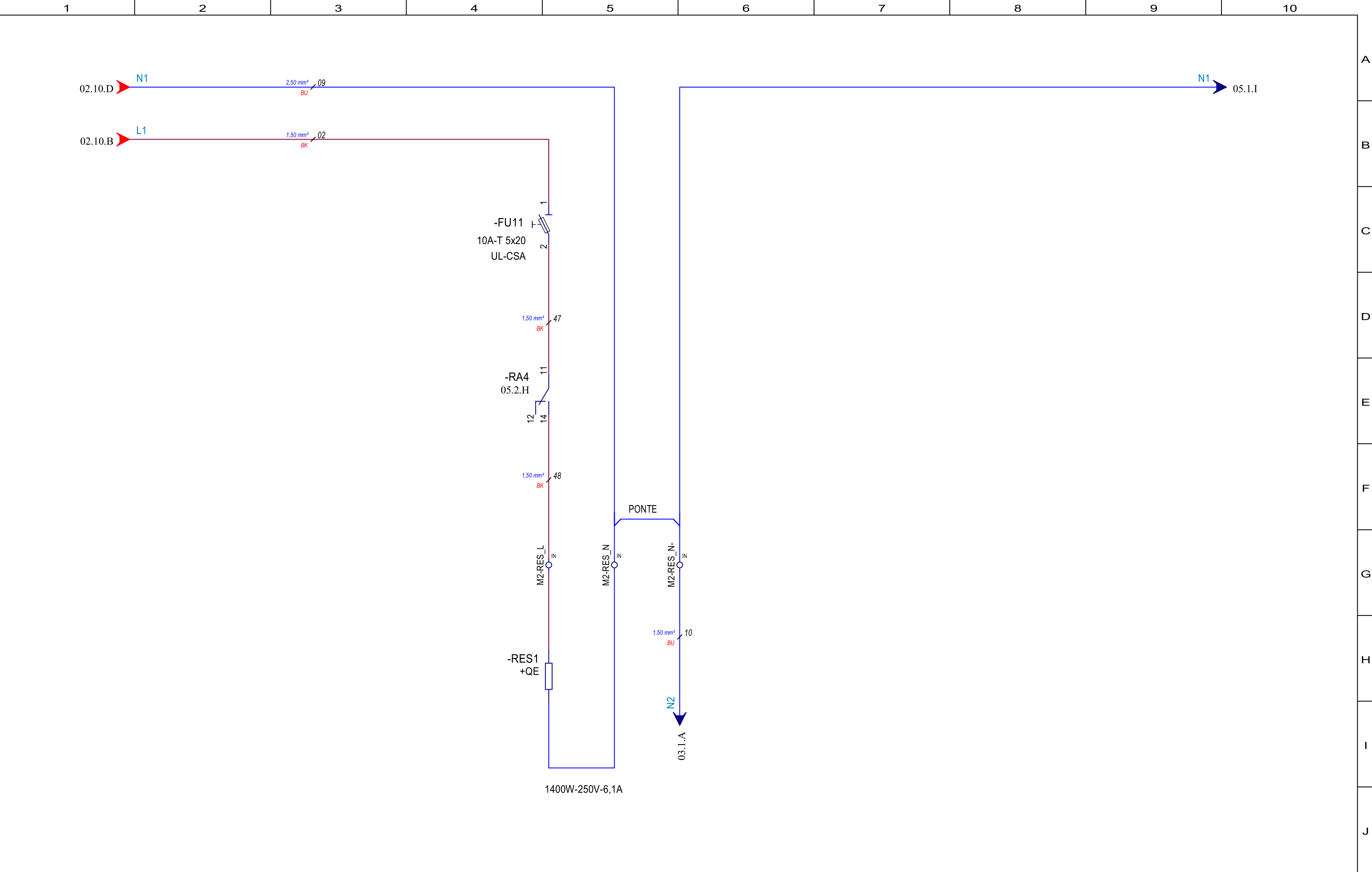
Drawer:	Tecso Srl	Working Voltage	400V
		Auxiliaries Voltage	24V-400V
Verifier:	Normann Srl	Signals Voltage	12V-24V-400V
		Frequency:	50Hz
Approver:	Normann Srl	Nominal current: 10,9A	Icc Current (*) :
		Total power:	7,5kW
Project manager:	Normann Srl	Protection level:	IP20



				 NORMANN Fontanafredda (PN) -ITALIA	PROJECT: Sistema NAT-PLUS NORMANN			SHEET 03
					CUSTOMER: Normann Srl			
1	12/11/2024				COMMITTED: 14215 - A3L00011			OF 22
2	12/11/2024				TITLE: Sezione Unità Evaporante			
6	12/05/2025	Inseriti	Contatti Puliti per Comando Compressore e CO2					02◀▶04
REV.	DATE	SIGN.	CHANGE					



				 NORMANN Fontanafredda (PN) -ITALIA	PROJECT: Sistema NAT-PLUS NORMANN			SHEET 05 OF 22
1	12/11/2024				CUSTOMER: Normann Srl			
2	12/11/2024				COMMITTED: 14215 - A3L00011			
6	12/05/2025	Inseriti	Contatti Puliti per Comando Compressore e CO2		TITLE: Sezione Unità Condensante 12 VAC Section			04◀▶06
7	17/05/2025							
REV.	DATE	SIGN.	CHANGE		DRAW.: Tecso Srl	DATE:	LOC.:QE	

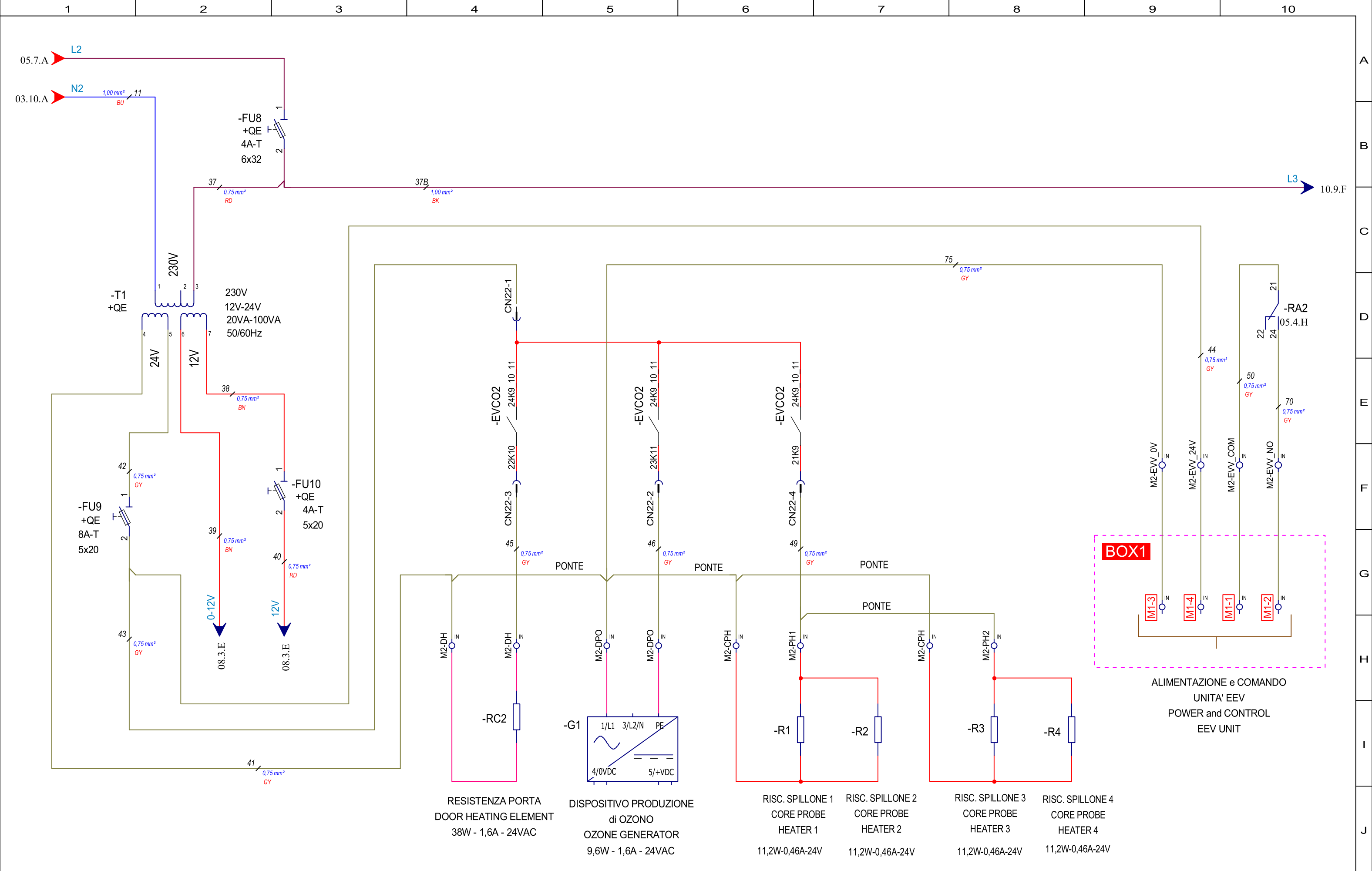


REV	DATE	SIGN.	CHANGE



NORMANN
Fontanafredda (PN) -ITALIA

PROJECT: Sistema NAT-PLUS NORMANN			SHEET 06
CUSTOMER: Normann Srl			
COMMITTED: 14215 - A3L00011			OF 22
TITLE: Sezione Resistenza Scongelo			05◀▶07
DRAW.: Tecso Srl	DATE:	LOC.:QE	



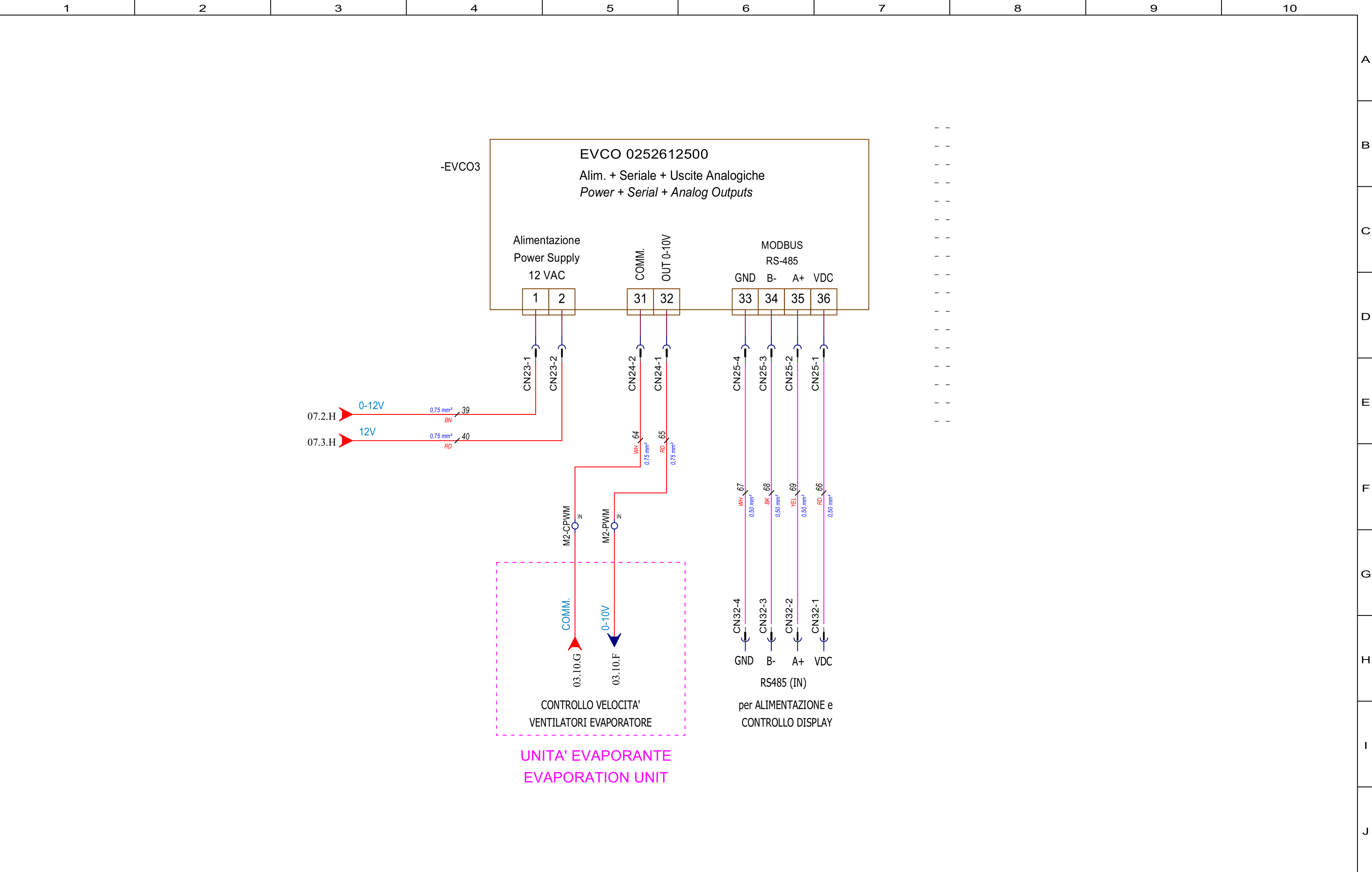
1	12/11/2024		
2	12/11/2024		
3	01/02/2025		
4	19/04/2025	Aggiunto Controllo Resistenza Scongelo	
7	17/05/2025		
REV	DATE	SIGN.	CHANGE

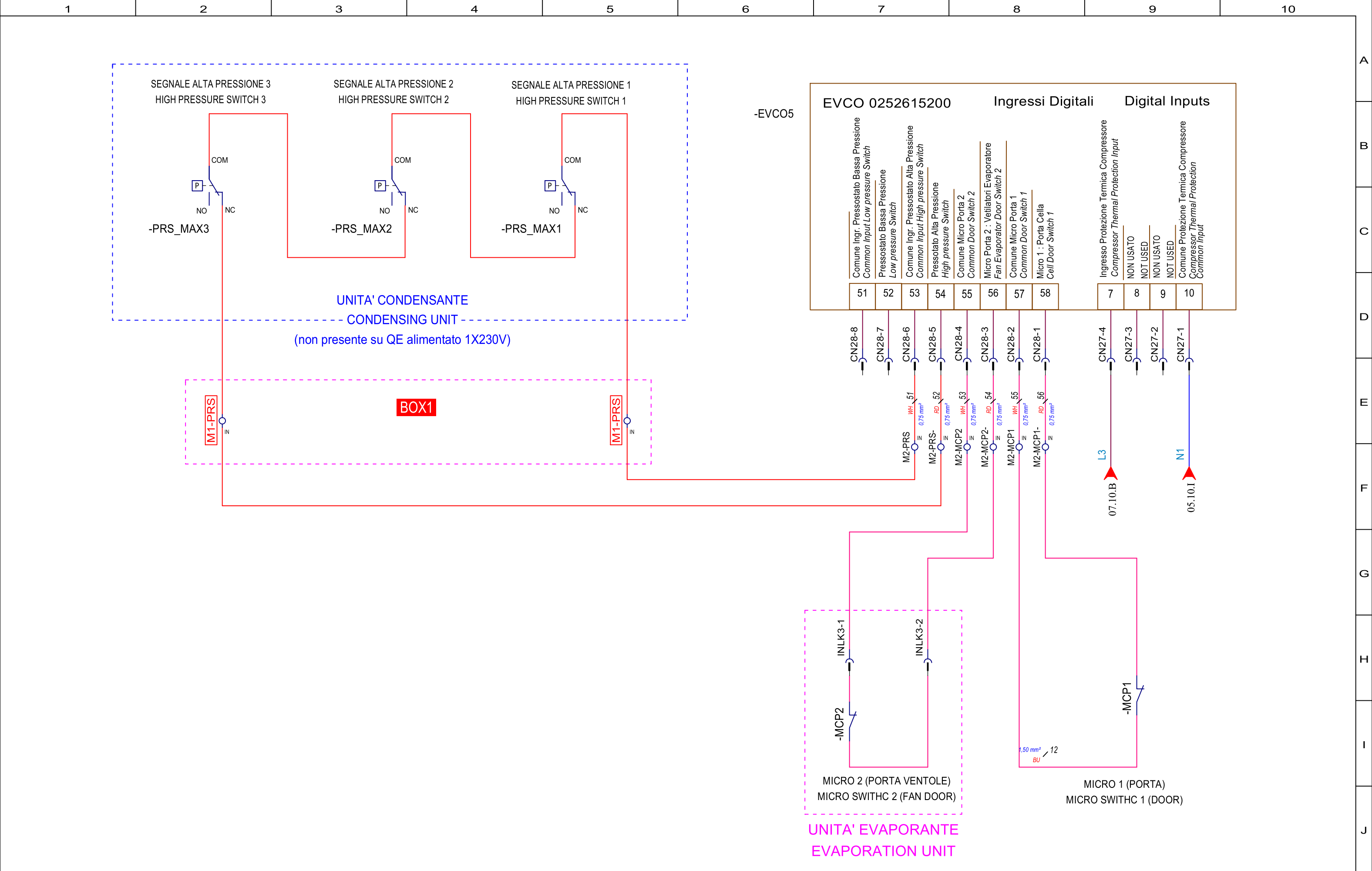


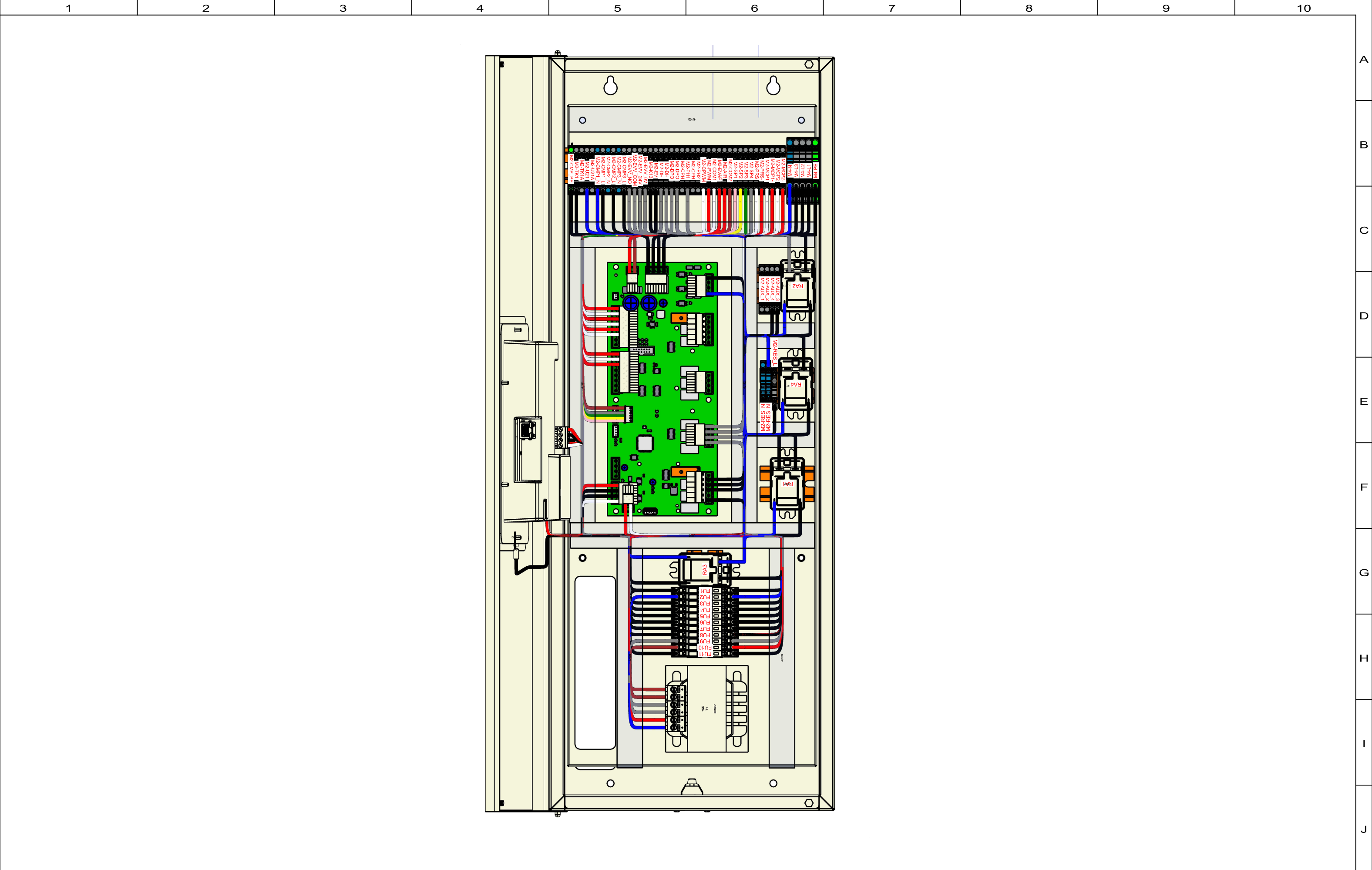
NORMANN

Fontanafredda (PN) -ITALIA

PROJECT: Sistema NAT-PLUS NORMANN			SHEET 07
CUSTOMER: Normann Srl			
COMMITTED: 14215 - A3L00011			OF 22
TITLE: Sezione Alimentazione 12VAC-24VAC 24 VAC Section			06◀▶08
DRAW.: Tecso Srl	DATE:	LOC.:QE	





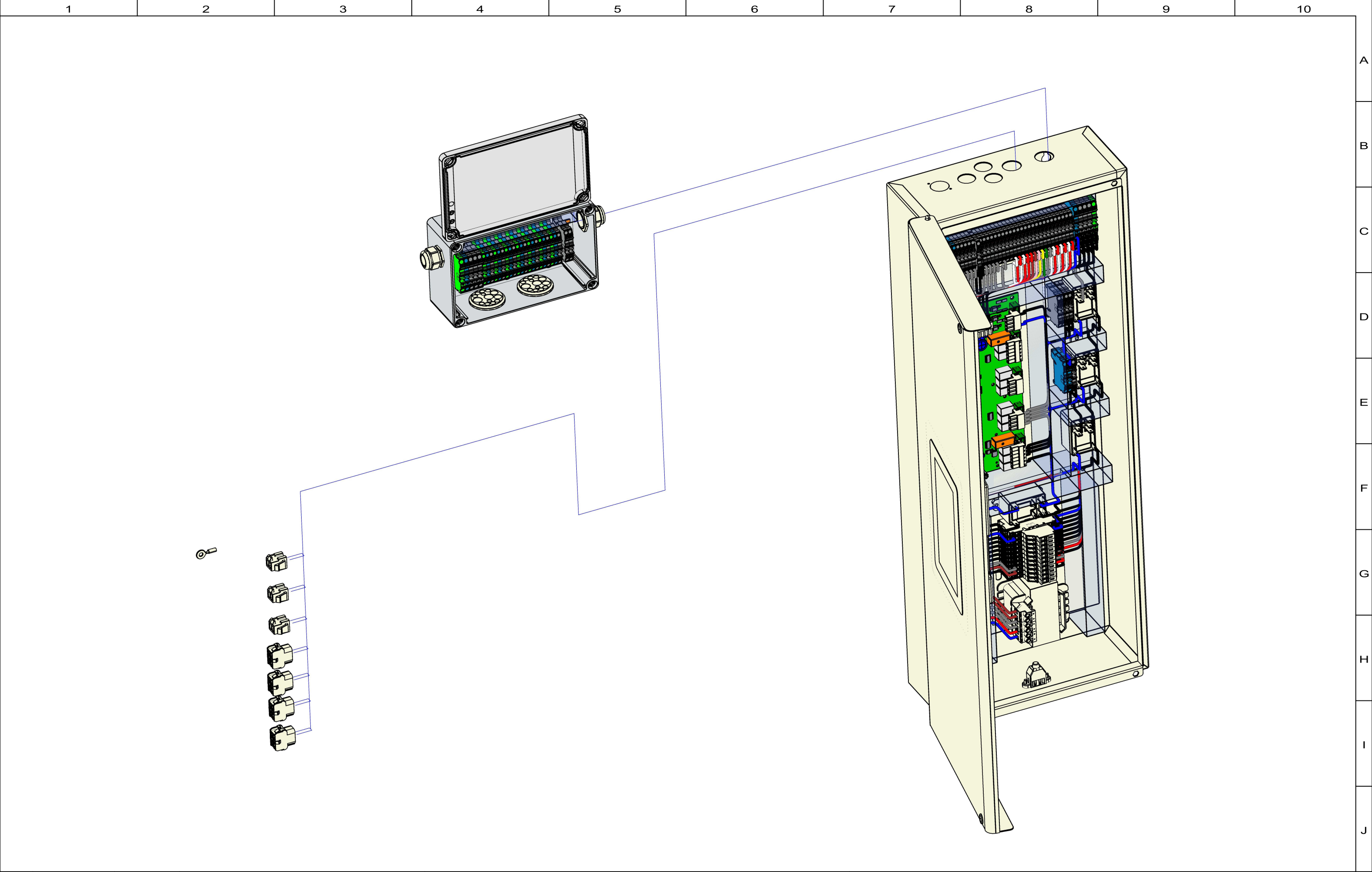


1	12/11/2024		
2	12/11/2024		
REV	DATE	SIGN.	CHANGE



NORMANN
Fontanafredda (PN) -ITALIA

PROJECT: Sistema NAT-PLUS NORMANN		
CUSTOMER: Normann Srl		
COMMITTED: 14215 - A3L00011		
TITLE: LAYOUT 1		
DRAW.: Tecso Srl	DATE:	LOC.:QE



1	12/11/2024		
2	12/11/2024		
REV	DATE	SIGN.	CHANGE



NORMANN
Fontanafredda (PN) -ITALIA

PROJECT: Sistema NAT-PLUS NORMANN		
CUSTOMER: Normann Srl		
COMMITTED: 14215 - A3L00011		
TITLE: LAYOUT 2		
DRAW.: Tecso Srl	DATE:	LOC.:QE

1	2	3	4	5	6	7	8	9	10		
LISTA MATERIALI / MATERIALS LIST											
Sigla / Label	Descrizione / Description				Qty	Cod. / Code	Cod. Int.	Costruttore / Supplier	Local.	Posiz./Posizione	
FU1	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX				11	200422	2002-1611	WAGO	QE	03.4	
FU10	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	07.2	
FU11	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	06.4	
FU2	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	03.5	
FU3	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	04.1	
FU4	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	04.4	
FU5	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	04.6	
FU6	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	05.1	
FU7	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	05.7	
FU8	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	07.2	
FU9	PORTAFUSIBILE SEZIONALBILE 1POLI 5x20 - ATEX SECTIONABLE FUSE HOLDER 1P 5x20 - ATEX					200422	2002-1611	WAGO	QE	07.0	
CN32	Connettore maschio 4 poli volante, con attacchi a vite, passo 3,5 Flying 4-pole male connector, with screw connections, 3.5 pitch				1	201195	MC 1,5/ 4-ST-3,5 - 1840382	PHOENIX	QE	08.	
M1-2	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX				13	201204	2202-1204	WAGO_2	QE	07.9	
M1-4	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	07.8	
M1-CMP1_N	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	04.1	
M1-CMP2_N	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	04.4	
M1-CMP3_N	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	04.8	
M1-FAN1_N	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	04.3	
M1-FAN2_N	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	04.5	
M1-NEV1	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	05.7	
					tecso srl Sarmede (TV) -ITALIA		PROGETTO: Sistema NAT-PLUS NORMANN			FOGLIO 15	
1	12/11/2024			CLIENTE: Normann Srl			DI 22				
2	12/11/2024			COMMESSA: 14215 - A3L00011							
4	19/04/2025	Aggiunto Controllo Resistenza Scongelamento		TITOLO: Lista materiali							
7	17/05/2025										
REV.	DATA	FIRMA	MODIFICA			DIS.: Tecso Srl	DATA:	LOC.: QE	14◀▶16		

1	2	3	4	5	6	7	8	9	10		
LISTA MATERIALI / MATERIALS LIST											
Sigla / Label	Descrizione / Description				Qty	Cod. / Code	Cod. Int.	Costruttore / Supplier	Local.	Posiz./Posizione	
M2-CMP1_N	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	04.1	
M2-CMP2_N	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	04.4	
M2-CMP3_N	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	04.8	
M2-RES_N	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	06.4	
M2-RES_N-	MORS. BLU MOLLA 2,5MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 2,5MMQ SERIE PUSH-IN - ATEX					201204	2202-1204	WAGO_2	QE	06.4	
M1-CMP1_L	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX				52	201205	2202-1201	WAGO_2	QE	04.1	
M1-CMP2_L	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.4	
M1-CMP3_L	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.8	
M1-EV1	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	05.7	
M1-FAN1_L	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.2	
M1-FAN2_L	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.5	
M1-PRS	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	10.1	
M1-PRS	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	10.4	
M2-AIR	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	09.4	
M2-AUX_1	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.7	
M2-AUX_2	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.6	
M2-AUX_3	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.6	
M2-AUX_4	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.6	
M2-CMP1_L	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.1	
M2-CMP2_L	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.4	
				tecso srl Sarmede (TV) -ITALIA			PROGETTO: Sistema NAT-PLUS NORMANN			FOGLIO 16	
1	12/11/2024						CLIENTE: Normann Srl			DI 22	
2	12/11/2024						COMMESSA: 14215 - A3L00011				
4	19/04/2025	Aggiunto Controllo Resistenza Scongellamento					TITOLO: Lista materiali			15◀▶17	
7	17/05/2025										
REV.	DATA	FIRMA	MODIFICA				DIS.: Tecso Srl	DATA:	LOC.: QE		

1	2	3	4	5	6	7	8	9	10	
LISTA MATERIALI / MATERIALS LIST										
Sigla / Label	Descrizione / Description				Qty	Cod. / Code	Cod. Int.	Costruttore / Supplier	Local.	Posiz./Posita
M2-CMP3_L	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	04.8
M2-COM1	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	09.4
M2-COM2	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	09.6
M2-CPH	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	07.5
M2-CPH	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	07.6
M2-CPWM	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	08.4
M2-DH	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	07.3
M2-DPO	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	07.4
M2-EV	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	05.7
M2-EVAP	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	09.3
M2-EVV_0V	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	07.8
M2-EVV_24V	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	07.8
M2-EVV_COM	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	07.9
M2-EVV_NO	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	07.9
M2-K13	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	05.1
M2-MCP1	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	10.7
M2-MCP1-	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	10.7
M2-MCP2	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	10.7
M2-MCP2-	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	10.7
M2-PH1	MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX					201205	2202-1201	WAGO_2	QE	07.5

1		2		3		4		5		6		7		8		9		10			
LISTA MATERIALI / MATERIALS LIST																					
Sigla / Label		Descrizione / Descriptipon								Qty	Cod. / Code		Cod. Int.		Costruttore / Supplier		Local.	Posiz./Posita			
M2-PH2		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	07.7			
M2-PRS		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	10.6			
M2-PRS-		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	10.6			
M2-PWM		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	08.4			
M2-RES_L		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	06.4			
M2-SP1		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	09.5			
M2-SP2		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	09.5			
M2-SP3		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	09.5			
M2-SP4		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	09.6			
M2-TK1		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	03.4			
M2-TK1A		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	03.3			
M2-U21		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	03.5			
M2-U21A		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	03.5			
M5-1		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	04.7			
M5-2		MORSETTO 2 COND. A MOLLA 2,5MMQ - GRIGIO - ATEX 2 WIRE CAGE CLAMP GREY 2,5MMQ - ATEX									201205		2202-1201		WAGO_2		QE	04.7			
M1-1		MORSETTO DI TERRA A MOLLA 2,5MMQ - ATEX 2 WIRE CAGE CLAMP for GROUND CONNECTION 2,5MMQ - ATEX								9	201206		2202-1207		WAGO_2		QE	07.9			
M1-3		MORSETTO DI TERRA A MOLLA 2,5MMQ - ATEX 2 WIRE CAGE CLAMP for GROUND CONNECTION 2,5MMQ - ATEX									201206		2202-1207		WAGO_2		QE	07.8			
M1-CMP1_PE		MORSETTO DI TERRA A MOLLA 2,5MMQ - ATEX 2 WIRE CAGE CLAMP for GROUND CONNECTION 2,5MMQ - ATEX									201206		2202-1207		WAGO_2		QE	04.2			
M1-CMP2_PE		MORSETTO DI TERRA A MOLLA 2,5MMQ - ATEX 2 WIRE CAGE CLAMP for GROUND CONNECTION 2,5MMQ - ATEX									201206		2202-1207		WAGO_2		QE	04.4			
M1-CMP3_PE		MORSETTO DI TERRA A MOLLA 2,5MMQ - ATEX 2 WIRE CAGE CLAMP for GROUND CONNECTION 2,5MMQ - ATEX									201206		2202-1207		WAGO_2		QE	04.8			
				tecso srl Sarmede (TV) -ITALIA								PROGETTO: Sistema NAT-PLUS NORMANN								FOGLIO 18	
1	12/11/2024											CLIENTE: Normann Srl								DI 22	
2	12/11/2024											COMMESSA: 14215 - A3L00011									
4	19/04/2025	Aggiunto Controllo Resistenza Scongellamento										TITOLO: Lista materiali									
7	17/05/2025																				
REV.	DATA	FIRMA	MODIFICA									DIS.: Tecso Srl		DATA:		LOC.: QE		17◀▶19			

1	2	3	4	5	6	7	8	9	10	
LISTA MATERIALI / MATERIALS LIST										
Sigla / Label	Descrizione / Description				Qty	Cod. / Code	Cod. Int.	Costruttore / Supplier	Local.	Posiz./Posita
M1-FAN1_PE	MORSETTO DI TERRA A MOLLA 2,5MMQ - ATEX 2 WIRE CAGE CLAMP for GROUND CONNECTION 2,5MMQ - ATEX					201206	2202-1207	WAGO_2	QE	04.3
M1-FAN2_PE	MORSETTO DI TERRA A MOLLA 2,5MMQ - ATEX 2 WIRE CAGE CLAMP for GROUND CONNECTION 2,5MMQ - ATEX					201206	2202-1207	WAGO_2	QE	04.5
M1-PEV1	MORSETTO DI TERRA A MOLLA 2,5MMQ - ATEX 2 WIRE CAGE CLAMP for GROUND CONNECTION 2,5MMQ - ATEX					201206	2202-1207	WAGO_2	QE	05.7
M2-CMP_PE	MORSETTO DI TERRA A MOLLA 2,5MMQ - ATEX 2 WIRE CAGE CLAMP for GROUND CONNECTION 2,5MMQ - ATEX					201206	2202-1207	WAGO_2	QE	04.2
M3-L1	MORS. GRIGIO MOLLA 4MMQ 2P SERIE PUSH-IN - ATEX CAGE CLAMP GREY - 4MMQ 2P SERIE PUSH-IN - ATEX				4	201327	2204-1201	WAGO_2	QE	02.0
M3-L1	MORS. GRIGIO MOLLA 4MMQ 2P SERIE PUSH-IN - ATEX CAGE CLAMP GREY - 4MMQ 2P SERIE PUSH-IN - ATEX					201327	2204-1201	WAGO_2	QE	02.3
M3-L2	MORS. GRIGIO MOLLA 4MMQ 2P SERIE PUSH-IN - ATEX CAGE CLAMP GREY - 4MMQ 2P SERIE PUSH-IN - ATEX					201327	2204-1201	WAGO_2	QE	02.0
M3-L3	MORS. GRIGIO MOLLA 4MMQ 2P SERIE PUSH-IN - ATEX CAGE CLAMP GREY - 4MMQ 2P SERIE PUSH-IN - ATEX					201327	2204-1201	WAGO_2	QE	02.0
RA1	RELE' DI POTENZA 2 SCAMBI 30A-250V b=24VAC - ATEX RELAY SERIE 66 2DPDT 30A-250V - c=24VAC - ATEX				4	201685	66.82.8.024.0303	FINDER	QE	05.2
RA2	RELE' DI POTENZA 2 SCAMBI 30A-250V b=24VAC - ATEX RELAY SERIE 66 2DPDT 30A-250V - c=24VAC - ATEX					201685	66.82.8.024.0303	FINDER	QE	05.3
RA3	RELE' DI POTENZA 2 SCAMBI 30A-250V b=24VAC - ATEX RELAY SERIE 66 2DPDT 30A-250V - c=24VAC - ATEX					201685	66.82.8.024.0303	FINDER	QE	05.4
RA4	RELE' DI POTENZA 2 SCAMBI 30A-250V b=24VAC - ATEX RELAY SERIE 66 2DPDT 30A-250V - c=24VAC - ATEX					201685	66.82.8.024.0303	FINDER	QE	05.1
T1	TRF.TRD. 0-208V//12V (20VA) - 24V(100VA) - 120VA - ATEX INSULATION TRANSFORMER 0-208V//12V (20VA) - 24V(100VA) - 120VA - ATEX				1	201687	TM0625410-ATEX	BOTTER	QE	07.1
M3-PE1	MORS. G/VERDE MOLLA 4MMQ 2P SERIE PUSH-IN - ATEX CAGE CLAMP YELLOW/GREEN 4MMQ 2P SERIE PUSH-IN - ATEX				1	201692	2204-1207	WAGO_2	QE	02.0
EVCO1	Scheda EVCO per QE NAT-PLUS R290 EVCO Electronic Board for PANELS NAT-PLUS R290				7	201765	0252612500	EV.CO.	QE	05.1
EVCO2	Scheda EVCO per QE NAT-PLUS R290 EVCO Electronic Board for PANELS NAT-PLUS R290					201765	0252612500	EV.CO.	QE	07.3
EVCO3	Scheda EVCO per QE NAT-PLUS R290 EVCO Electronic Board for PANELS NAT-PLUS R290					201765	0252612500	EV.CO.	QE	08.5
EVCO4	Scheda EVCO per QE NAT-PLUS R290 EVCO Electronic Board for PANELS NAT-PLUS R290					201765	0252612500	EV.CO.	QE	09.4
EVCO5	Scheda EVCO per QE NAT-PLUS R290 EVCO Electronic Board for PANELS NAT-PLUS R290					201765	0252612500	EV.CO.	QE	10.7
EVCO6	Scheda EVCO per QE NAT-PLUS R290 EVCO Electronic Board for PANELS NAT-PLUS R290					201765	0252612500	EV.CO.	QE	11.4

1		2		3		4		5		6		7		8		9		10	
LISTA MATERIALI / MATERIALS LIST																			
Sigla / Label		Descrizione / Description								Qty	Cod. / Code		Cod. Int.		Costruttore / Supplier		Local.	Posiz./Posita	
EVC07		Scheda EVCO per QE NAT-PLUS R290 EVCO Electronic Board for PANELS NAT-PLUS R290									201765		0252612500		EV.CO.		QE	05.1	
FU3		FUSIBILE UL 5x20 15A-T 250V UL FUSE 5x20 15A-T 250V								4	201769		ST522315		OMEGA		QE	04.1	
FU4		FUSIBILE UL 5x20 15A-T 250V UL FUSE 5x20 15A-T 250V									201769		ST522315		OMEGA		QE	04.4	
FU5		FUSIBILE UL 5x20 15A-T 250V UL FUSE 5x20 15A-T 250V									201769		ST522315		OMEGA		QE	04.6	
M4-L1		MORS. GRIGIO MOLLA 4MMQ 3P SERIE PUSH-BUTTON - ATEX 3 WIRE CAGE CLAMP 4MMQ - ATEX								3	201774		2204-1301		WAGO_2		QE	02.4	
M4-L2		MORS. GRIGIO MOLLA 4MMQ 3P SERIE PUSH-BUTTON - ATEX 3 WIRE CAGE CLAMP 4MMQ - ATEX									201774		2204-1301		WAGO_2		QE	02.4	
M4-L3		MORS. GRIGIO MOLLA 4MMQ 3P SERIE PUSH-BUTTON - ATEX 3 WIRE CAGE CLAMP 4MMQ - ATEX									201774		2204-1301		WAGO_2		QE	02.4	
M4-PE		MORS. G/VERDE MOLLA 4MMQ 3P SERIE PUSH-BUTTON - ATEX 3 WIRE CAGE CLAMP 4MMQ - ATEX								1	201775		2204-1307		WAGO_2		QE	02.4	
M4-N		MORS. BLU MOLLA 4MMQ 3P SERIE PUSH-BUTTON - ATEX 3 WIRE CAGE CLAMP 4MMQ - ATEX								1	201776		2204-1304		WAGO_2		QE	02.4	
M3-N		MORS. BLU MOLLA 4MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 4MMQ SERIE PUSH-IN - ATEX								2	201807		2204-1204		WAGO_2		QE	02.0	
M3-N		MORS. BLU MOLLA 4MMQ 2P SERIE PUSH-IN - ATEX 2 WIRE CAGE CLAMP BLU 4MMQ SERIE PUSH-IN - ATEX									201807		2204-1204		WAGO_2		QE	02.3	
FU1		FUSIBILE UL 5x20 10A-T 250V UL FUSE 5x20 10A-T 250V								3	22131		CT520310		OMEGA		QE	03.4	
FU11		FUSIBILE UL 5x20 10A-T 250V UL FUSE 5x20 10A-T 250V									22131		CT520310		OMEGA		QE	06.4	
FU2		FUSIBILE UL 5x20 10A-T 250V UL FUSE 5x20 10A-T 250V									22131		CT520310		OMEGA		QE	03.5	
CN23		Connettore maschio 2 poli volante, con attacchi a vite, passo 5,0 2-pole flying male connector, with screw connections, pitch 5.0								2	27529		CGM02P5,0		PHOENIX		QE	08.	
CN24		Connettore maschio 2 poli volante, con attacchi a vite, passo 5,0 2-pole flying male connector, with screw connections, pitch 5.0									27529		CGM02P5,0		PHOENIX		QE	08.	
CN21		Connettore maschio 4 poli volante, con attacchi a vite, passo 5,0 4-pole flying male connector, with screw connections, pitch 5.0								4	27591		CGM04P5,0		PHOENIX		QE	05.	
CN22		Connettore maschio 4 poli volante, con attacchi a vite, passo 5,0 4-pole flying male connector, with screw connections, pitch 5.0									27591		CGM04P5,0		PHOENIX		QE	07.	
CN25		Connettore maschio 4 poli volante, con attacchi a vite, passo 5,0 4-pole flying male connector, with screw connections, pitch 5.0									27591		CGM04P5,0		PHOENIX		QE	08.	
CN27		Connettore maschio 4 poli volante, con attacchi a vite, passo 5,0 4-pole flying male connector, with screw connections, pitch 5.0									27591		CGM04P5,0		PHOENIX		QE	10.	
1		12/11/2024																FOGLIO 20	
2		12/11/2024																DI 22	
4		19/04/2025		Aggiunto Controllo Resistenza Scongellamento															
7		17/05/2025																	
REV.		DATA		FIRMA		MODIFICA													

1	2	3	4	5	6	7	8	9	10	
LISTA MATERIALI / MATERIALS LIST										
Sigla / Label	Descrizione / Description				Qty	Cod. / Code	Cod. Int.	Costruttore / Supplier	Local.	Posiz./Posita
CN29	Connettore maschio 4 poli volante, con attacchi a vite, passo 5,08 4-pole flying male connector, with screw connections, pitch 5.08				1	28532	CGM04P5,08	PHOENIX	QE	11.
CN30	Connettore maschio 6 poli volante, con attacchi a vite, passo 5,08 Free 6-pole male connector, with screw connections, pitch 5.08				1	28534	CGM06P5,08	PHOENIX	QE	11.
FU6	FUSIBILE UL 5x20 2A-T 250V UL FUSE 5x20 2A-T 250V				1	29192	ST522220	OMEGA	QE	05.1
FU9	FUSIBILE UL 5x20 8A-T 250V UL FUSE 5x20 8A-T 250V				1	29194	ST522280	OMEGA	QE	07.0
FU10	FUSIBILE UL 5x20 4A-T 250V UL FUSE 5x20 4A-T 250V				3	29199	ST522240	OMEGA	QE	07.2
FU7	FUSIBILE UL 5x20 4A-T 250V UL FUSE 5x20 4A-T 250V					29199	ST522240	OMEGA	QE	05.7
FU8	FUSIBILE UL 5x20 4A-T 250V UL FUSE 5x20 4A-T 250V					29199	ST522240	OMEGA	QE	07.2
PE_FAN1	Faston Femmina 6,3x0.8 per Sez. da 0,5mmq a 1,5mmq Female Faston 6.3x0.8 for Section. from 0,5mm2 to 1.5mm2				3	C20113	0010129201	AURATECH S.R.L.	QE	03.2
PE_FAN2	Faston Femmina 6,3x0.8 per Sez. da 0,5mmq a 1,5mmq Female Faston 6.3x0.8 for Section. from 0,5mm2 to 1.5mm2					C20113	0010129201	AURATECH S.R.L.	QE	03.4
PE_FAN3	Faston Femmina 6,3x0.8 per Sez. da 0,5mmq a 1,5mmq Female Faston 6.3x0.8 for Section. from 0,5mm2 to 1.5mm2					C20113	0010129201	AURATECH S.R.L.	QE	03.5
PE_CELLA1	Occhiello S= 3-5 D=5.2*12*26 Eyelet Terminal S= 3-5 D=5.2*12*26				2	C20142	0010215001	INARCA	QE	02.4
STF1	Occhiello S= 3-5 D=5.2*12*26 Eyelet Terminal S= 3-5 D=5.2*12*26					C20142	0010215001	INARCA	QE	02.6
INLK1	Connettore per contatti a crimpare "porta femmina" 2 poli Connector for 2-pole "female port" crimp contacts				3	C20188	INAR-LOCK_F_2P	INARCA	QE	09.
INLK2	Connettore per contatti a crimpare "porta femmina" 2 poli Connector for 2-pole "female port" crimp contacts					C20188	INAR-LOCK_F_2P	INARCA	QE	09.
INLK3	Connettore per contatti a crimpare "porta femmina" 2 poli Connector for 2-pole "female port" crimp contacts					C20188	INAR-LOCK_F_2P	INARCA	QE	10.
INLKF2	Connettore per contatti a crimpare "porta femmina" 6 poli Connector for 6-pole "female port" crimp contacts				3	C20192	INAR-LOCK_F_6P	INARCA	QE	03.
INLKF3	Connettore per contatti a crimpare "porta femmina" 6 poli Connector for 6-pole "female port" crimp contacts					C20192	INAR-LOCK_F_6P	INARCA	QE	03.
INLKF4	Connettore per contatti a crimpare "porta femmina" 6 poli Connector for 6-pole "female port" crimp contacts					C20192	INAR-LOCK_F_6P	INARCA	QE	03.
CN31	Connettore maschio 6 poli volante, con attacchi a vite, passo 5,0 Free 6-pole male connector, with screw connections, pitch 5.0				1	C20725	CGM06P5,0	PHOENIX	QE	05.
JST2	Connettore Femmina 6 poli per contatti Femmina a crimpare JST 6-Pole female connector for JST crimp female contacts				1	C21566	CONNETTORE JST XHP-6	JST	QE	09.

1	2	3	4	5	6	7	8	9	10	
LISTA MATERIALI / MATERIALS LIST										
Sigla / Label	Descrizione / Descriptpion			Qty	Cod. / Code	Cod. Int.	Costruttore / Supplier	Local.	Posiz./Posita	A
CN26	Connettore maschio 8 poli volante, con attacchi a vite, passo 5,0 Free 8-Pole male connector, with screw connections, pitch 5,0			2	M20162	CGM08P5,0	PHOENIX	QE	09.	
CN28	Connettore maschio 8 poli volante, con attacchi a vite, passo 5,0 Free 8-Pole male connector, with screw connections, pitch 5,0				M20162	CGM08P5,0	PHOENIX	QE	10.	B
										C
										D
										E
										F
										G
										H
										I
										J