

RLT-Gerät

X-CUBE X2 compact 2

mit X-CUBE Control

Schaltpläne und Verdrahtung



TROX DOCU
PORTAL

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Anleitung lesen!

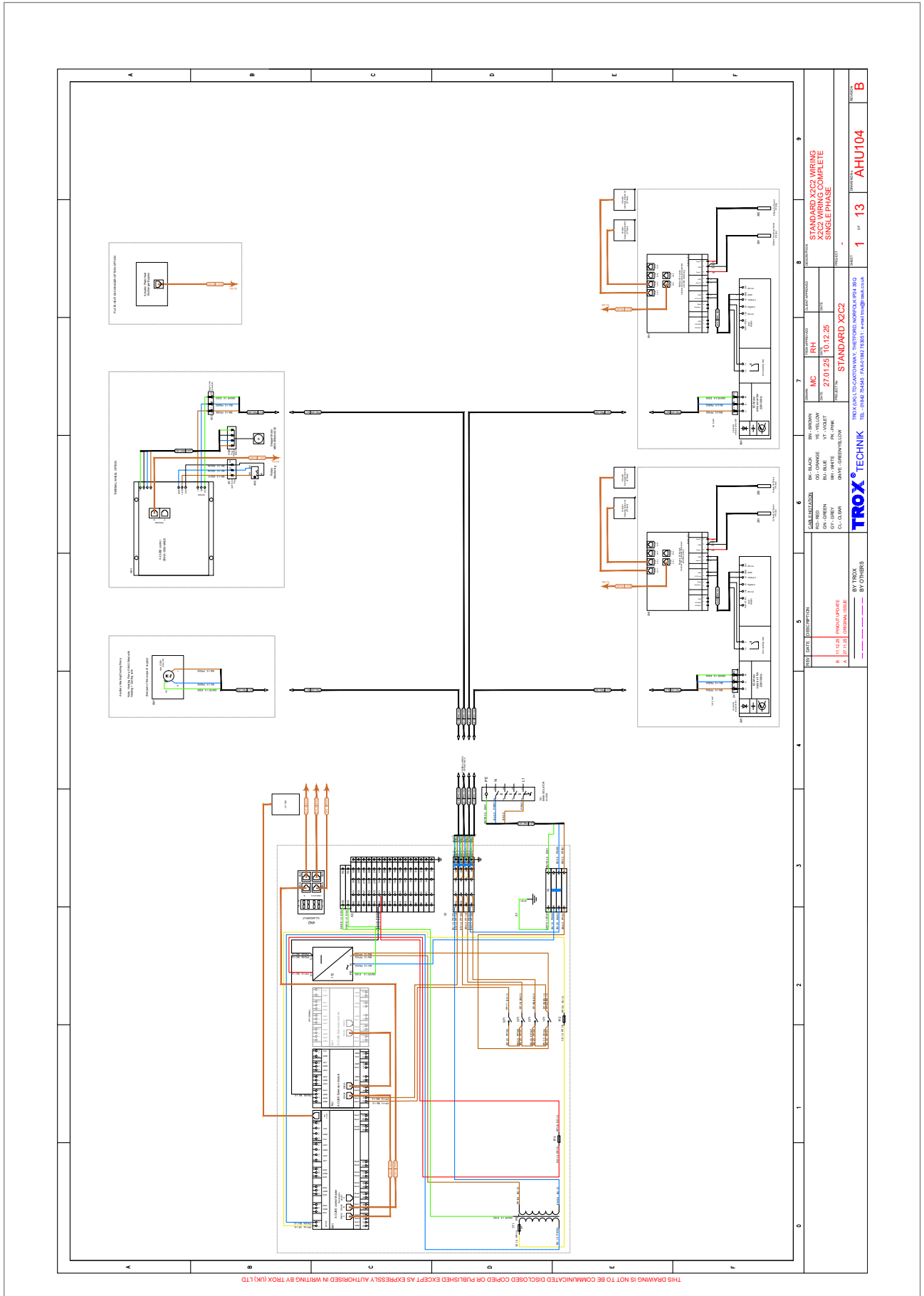


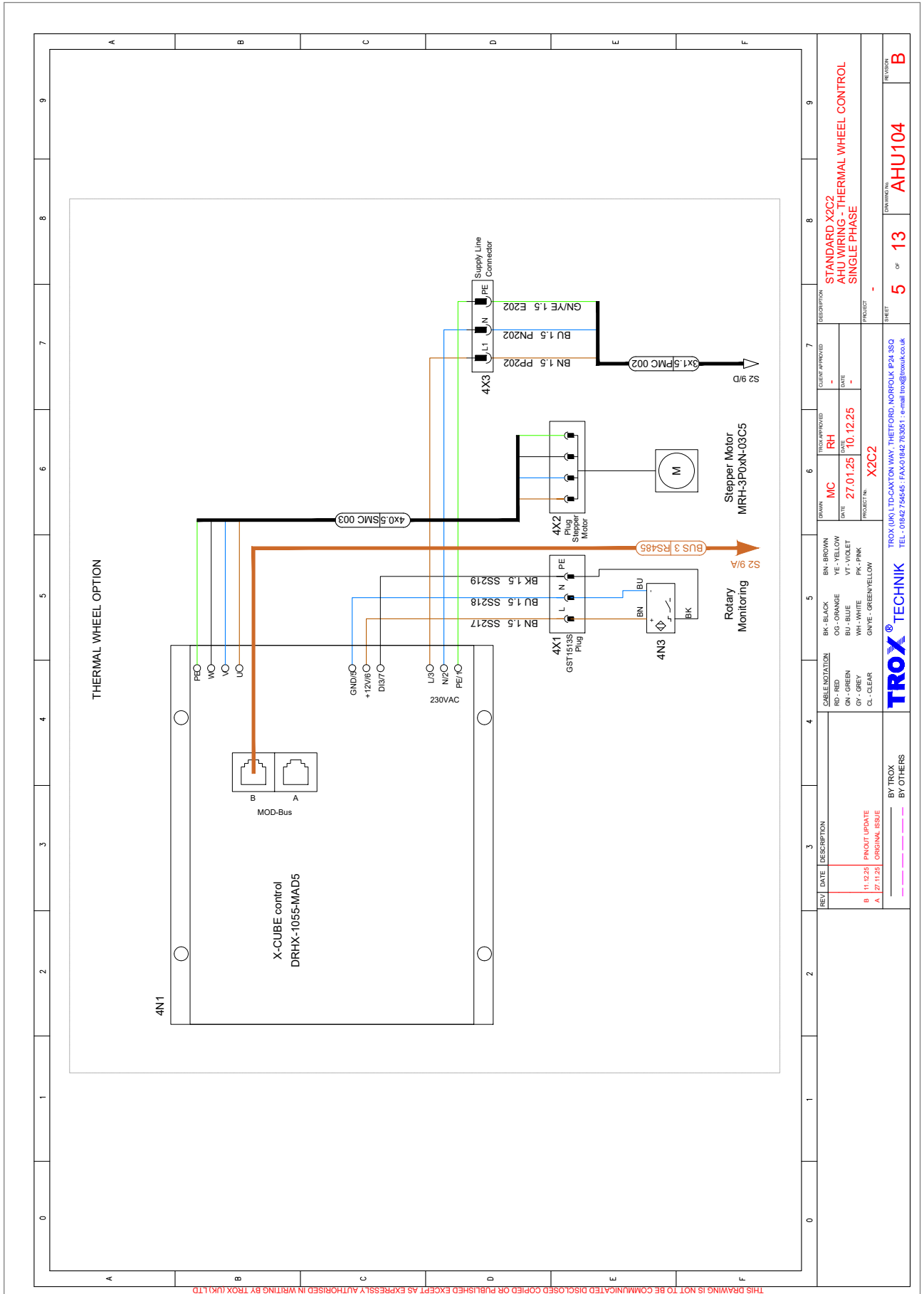
1	Verdrahtung 230 V	3
2	Verdrahtung 400 V.....	17
3	Verdrahtung Kühler/Erhitzer Changeover 230 V.	31
4	Verdrahtung Kühler/Erhitzer Changeover 400 V	40
5	Verdrahtung Direktverdampfer (DX) Changeover 230 V.....	49
6	Verdrahtung Direktverdampfer (DX) Changeover 400 V.....	58

1 Verdrahtung 230 V

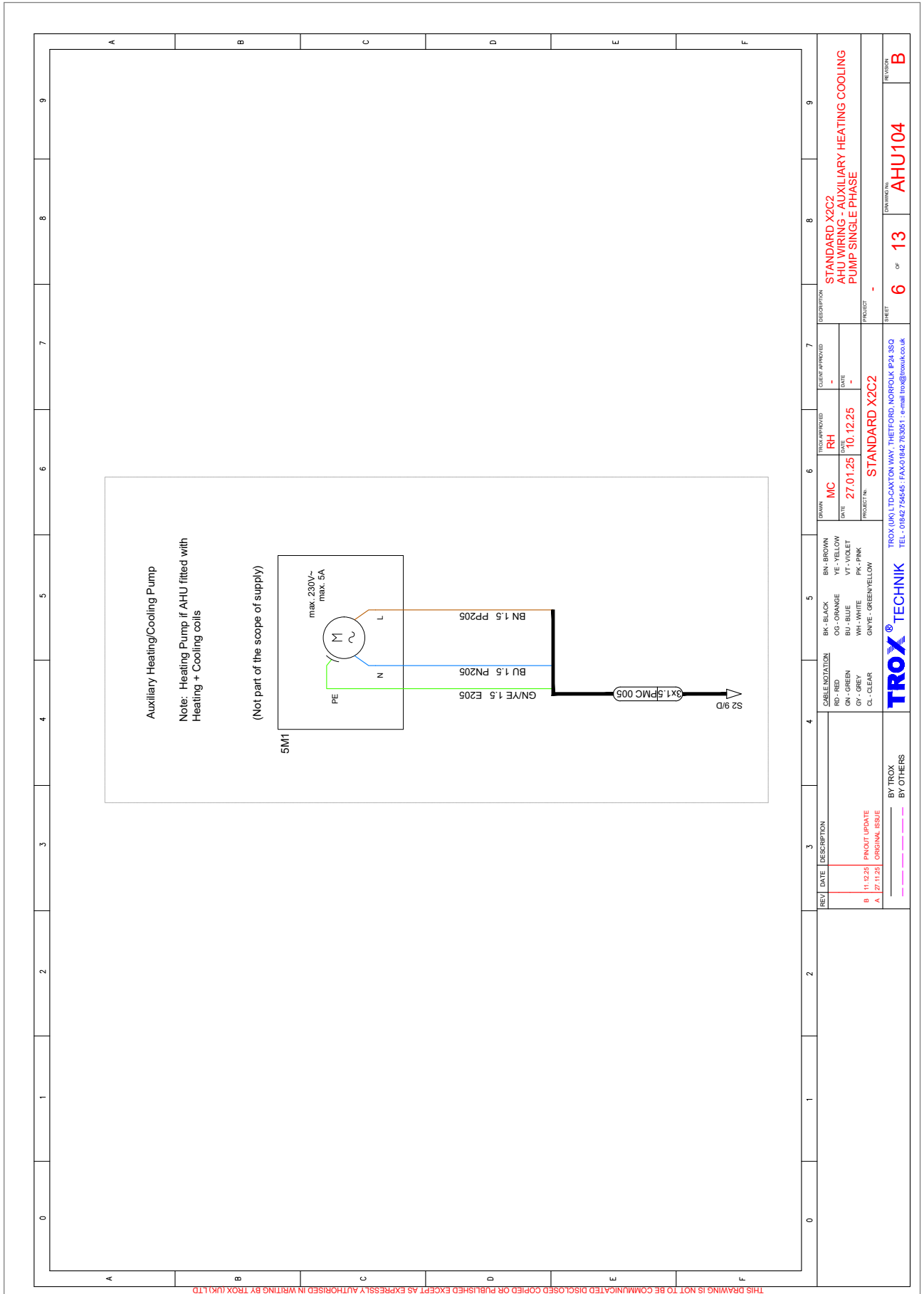
Schaltpläne für folgende X-CUBE X2 Compact 2 Gerätevarianten (230 V):

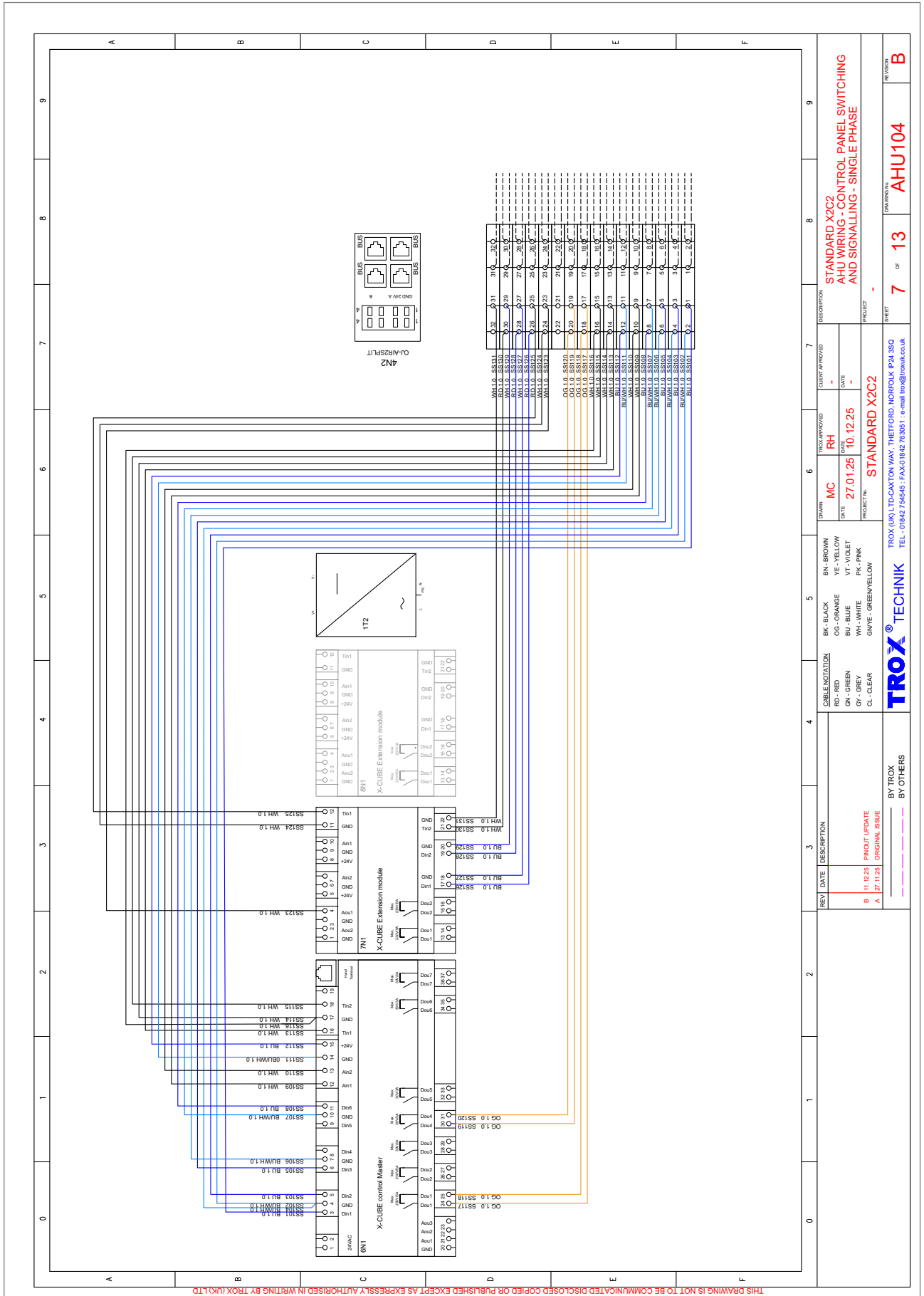
- Wärmerückgewinnung mit Kühler
- Wärmerückgewinnung mit Erhitzer
- Wärmerückgewinnung mit Kühler und Erhitzer
- Wärmerückgewinnung mit Elektrolufterhitzer
- Wärmerückgewinnung

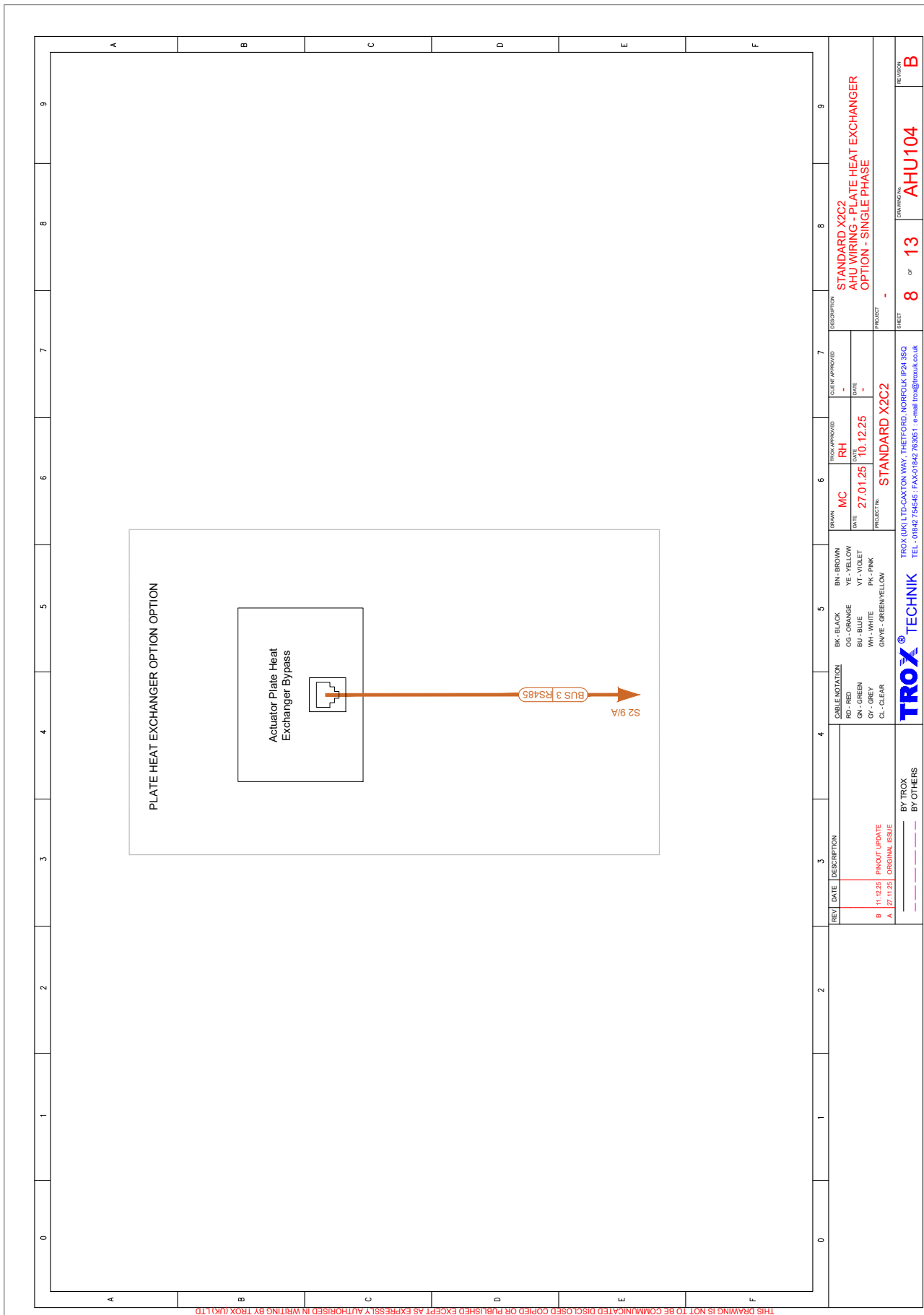




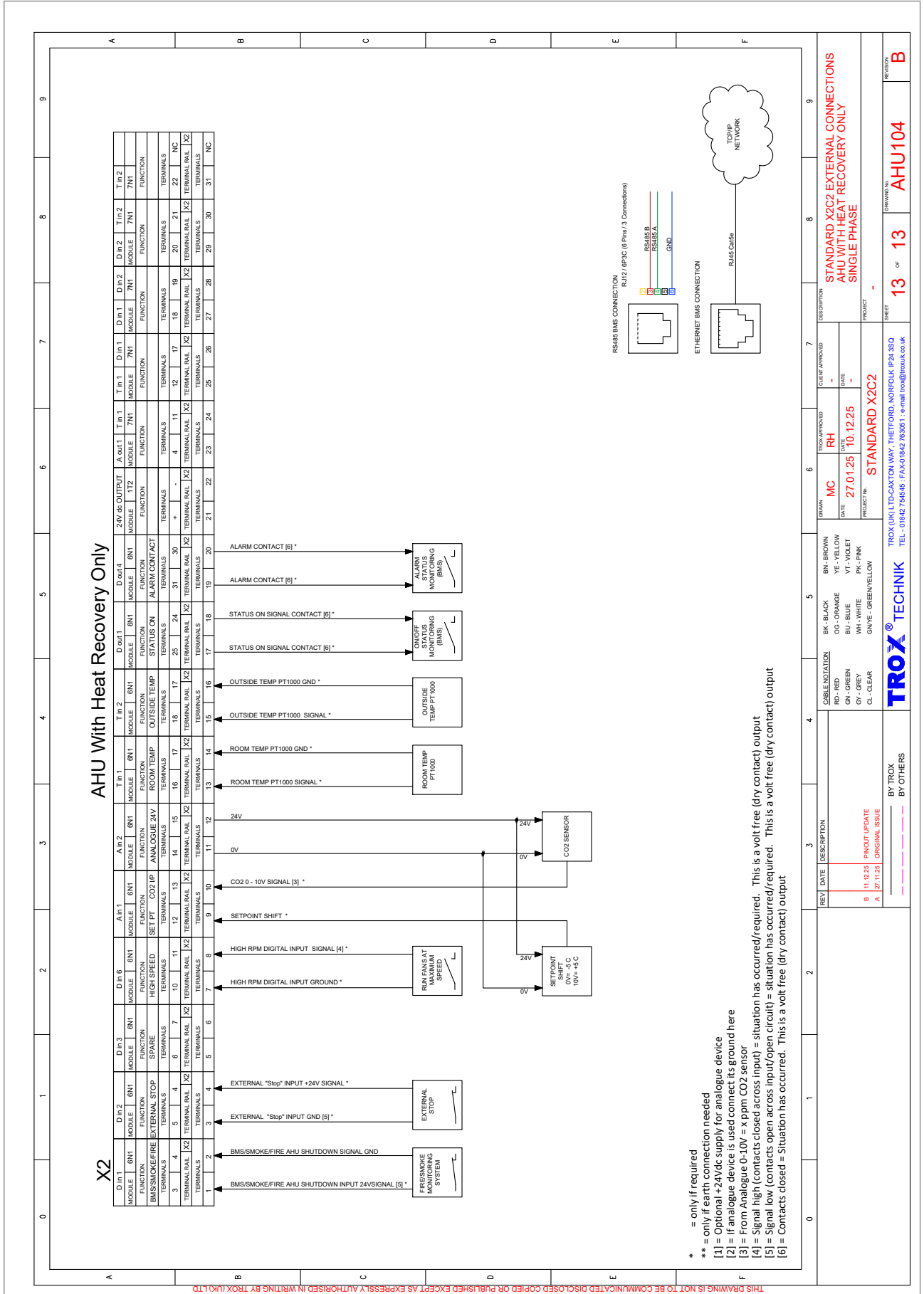
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REVISION	DESCRIPTION	DATE	BY
B	11.12.25 PNOUD UPDATE	11.12.25	BY TROX
A	17.11.25 ORIGINAL ISSUE	17.11.25	BY OTHERS

DATE	TIME	DESCRIPTION
27.01.25	10.12.25	MC RH

PROJECT NO.	STANDARD X2C2
PROJECT	STANDARD X2C2

CLIENT APPROVED	DATE	BY
MC RH	10.12.25	MC RH

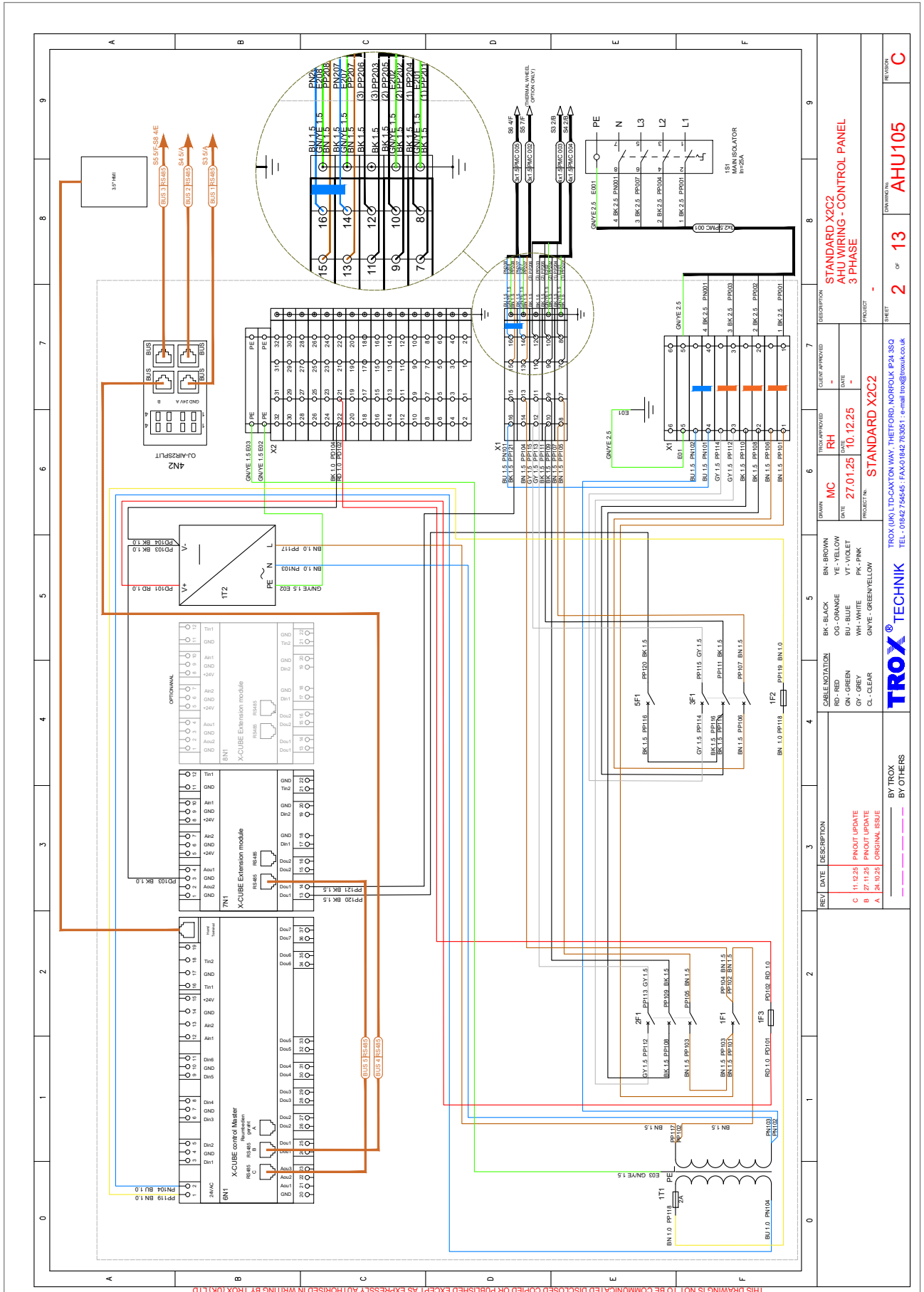
DESCRIPTION	STANDARD X2C2 EXTERNAL CONNECTIONS AHU WITH HEAT RECOVERY ONLY SINGLE PHASE
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FORM NO.	AHU104
REV. NO.	13
OF	13

2 Verdrahtung 400 V

Schaltpläne für folgende X-CUBE X2 Compact 2 Gerätevarianten (400 V):

- Wärmerückgewinnung mit Kühler
- Wärmerückgewinnung mit Erhitzer
- Wärmerückgewinnung mit Kühler und Erhitzer
- Wärmerückgewinnung mit Elektrolufterhitzer
- Wärmerückgewinnung

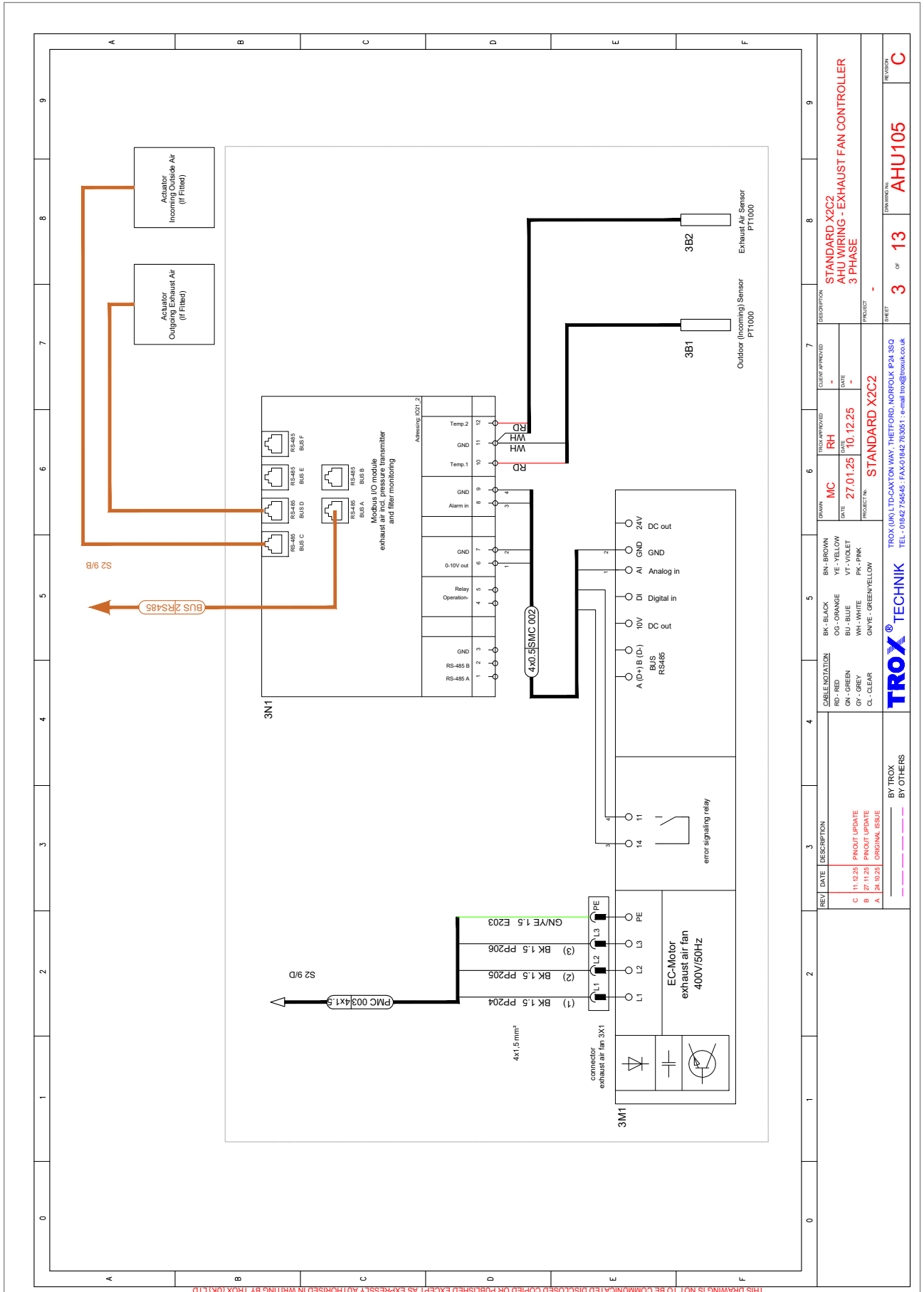


REV	DATE	DESCRIPTION	BY TROX	BY OTHERS
C	11.12.25	PNOUT UPDATE		
B	27.11.25	PNOUT UPDATE		
A	24.10.24	ORIGINAL ISSUE		

DRAMA	THROW APPROVED	CHECK APPROVED	DESCRIPTION
MC	RH	-	STANDARD X2C2 AHU WIRING - CONTROL PANEL 3 PHASE

DATE	DATE	PROJECT NO.	PROJECT
27.01.25	10.12.25	STANDARD X2C2	-

DRAMA NO.	DRAMA	REV	OF	REV	REVISION
	AHU105	2	13	C	



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REV	DATE	DESCRIPTION
C	11.12.25	FINOUT UPDATE
B	27.11.25	FINOUT UPDATE
A	29.10.25	ORIGINAL ISSUE

DRAMA	THROW APPROVED	CHECK APPROVED	DESCRIPTION
MC	RH	-	STANDARD X2C2 AHU WIRING - EXHAUST FAN CONTROLLER 3 PHASE

DATE	DATE	DATE
27.01.25	10.12.25	-

PROJECT NO.	PROJECT	REVISION
STANDARD X2C2	-	3 of 13

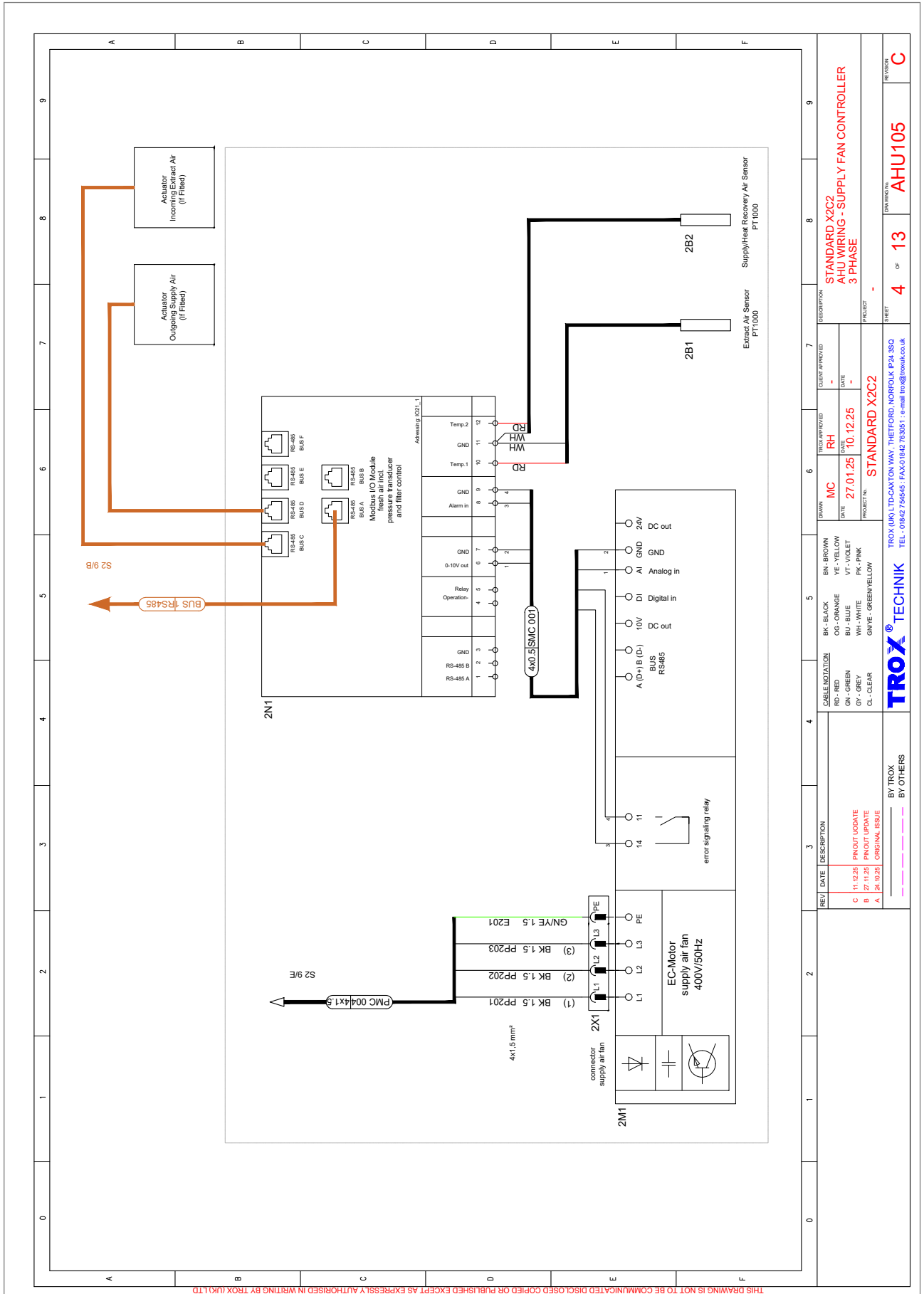
DRAMA	THROW APPROVED	CHECK APPROVED	DESCRIPTION
MC	RH	-	STANDARD X2C2 AHU WIRING - EXHAUST FAN CONTROLLER 3 PHASE

DATE	DATE	DATE
27.01.25	10.12.25	-

PROJECT NO.	PROJECT	REVISION
STANDARD X2C2	-	3 of 13

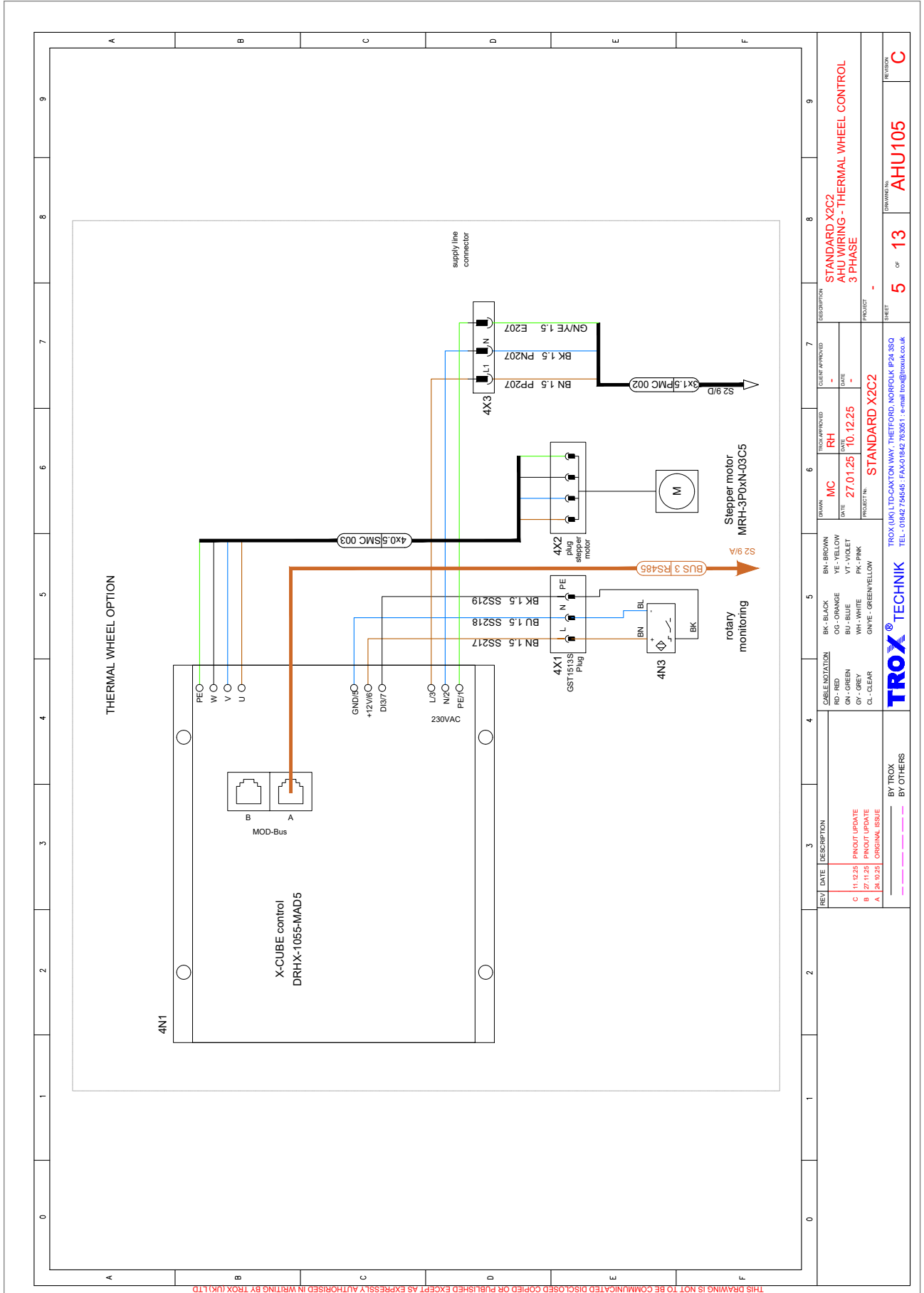
TROX TECHNIK

TROX (UK) LTD-CAXTON WAY, THEFFORD, NORFOLK IP24 3SQ
 TEL - 01842 756545 FAX-01842 763051 e-mail trox@trox.co.uk

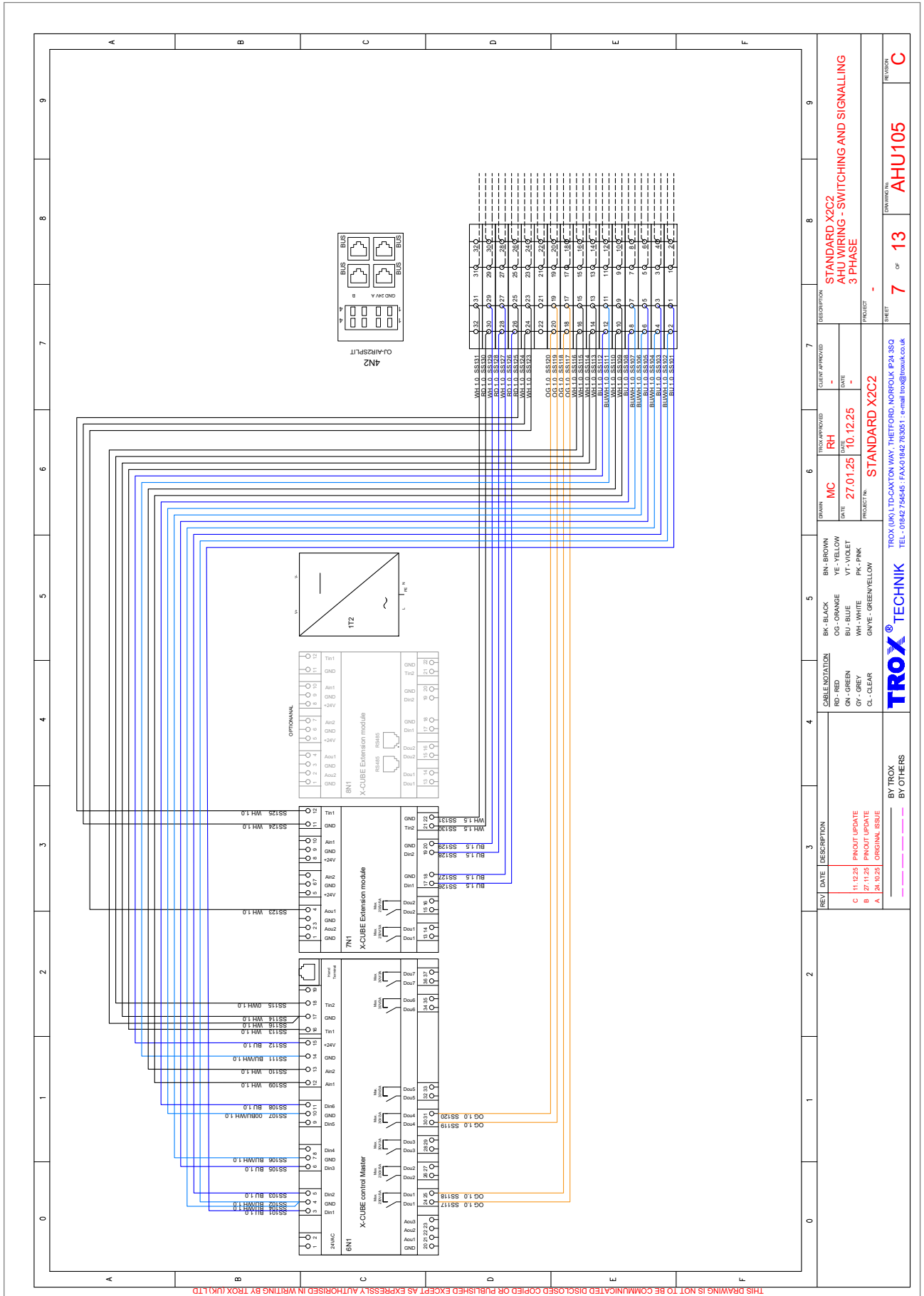


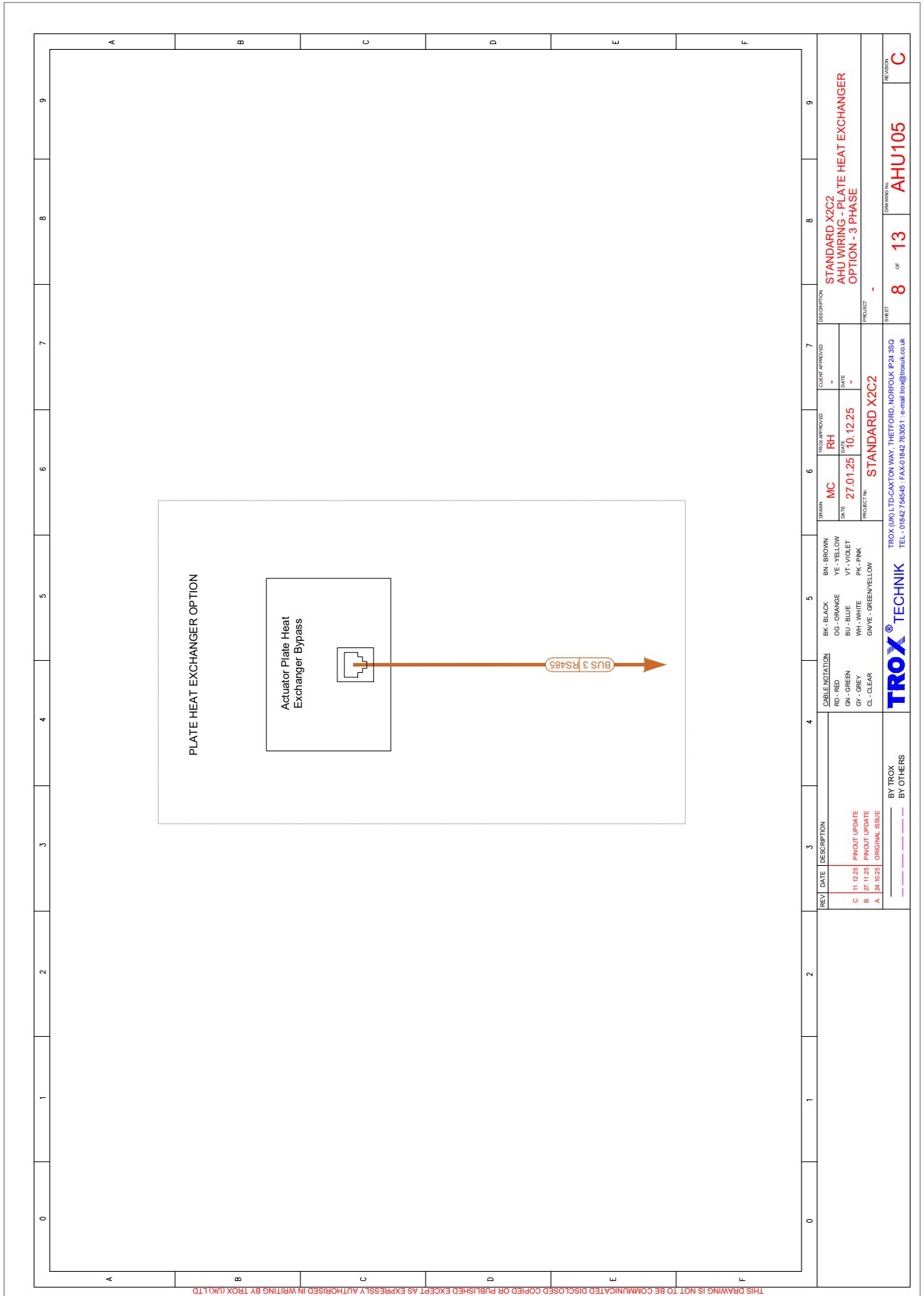
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DESIGN	MC	DESIGNED BY	RH	DATE	27.01.25	10.12.25	DATE	1
PROJECT NO.	STANDARD X2C2			PROJECT	STANDARD X2C2			
DESCRIPTION	STANDARD X2C2 AHU WIRING - SUPPLY FAN CONTROLLER 3 PHASE							
REVISED BY	BY TROX			REVISED BY	BY OTHERS			
DATE	-			DATE	-			
PROJECT	AHU105			PROJECT	AHU105			
REVISED BY	4			REVISED BY	13			
DATE	-			DATE	-			
PROJECT	-			PROJECT	-			
DESCRIPTION	TROX (UK) LTD-CANTON WAY, THEFTORD, NORFOLK IP24 3SQ							
CONTACT	TEL - 01842 756545 FAX-01842 763051 e-mail trox@trox.co.uk							

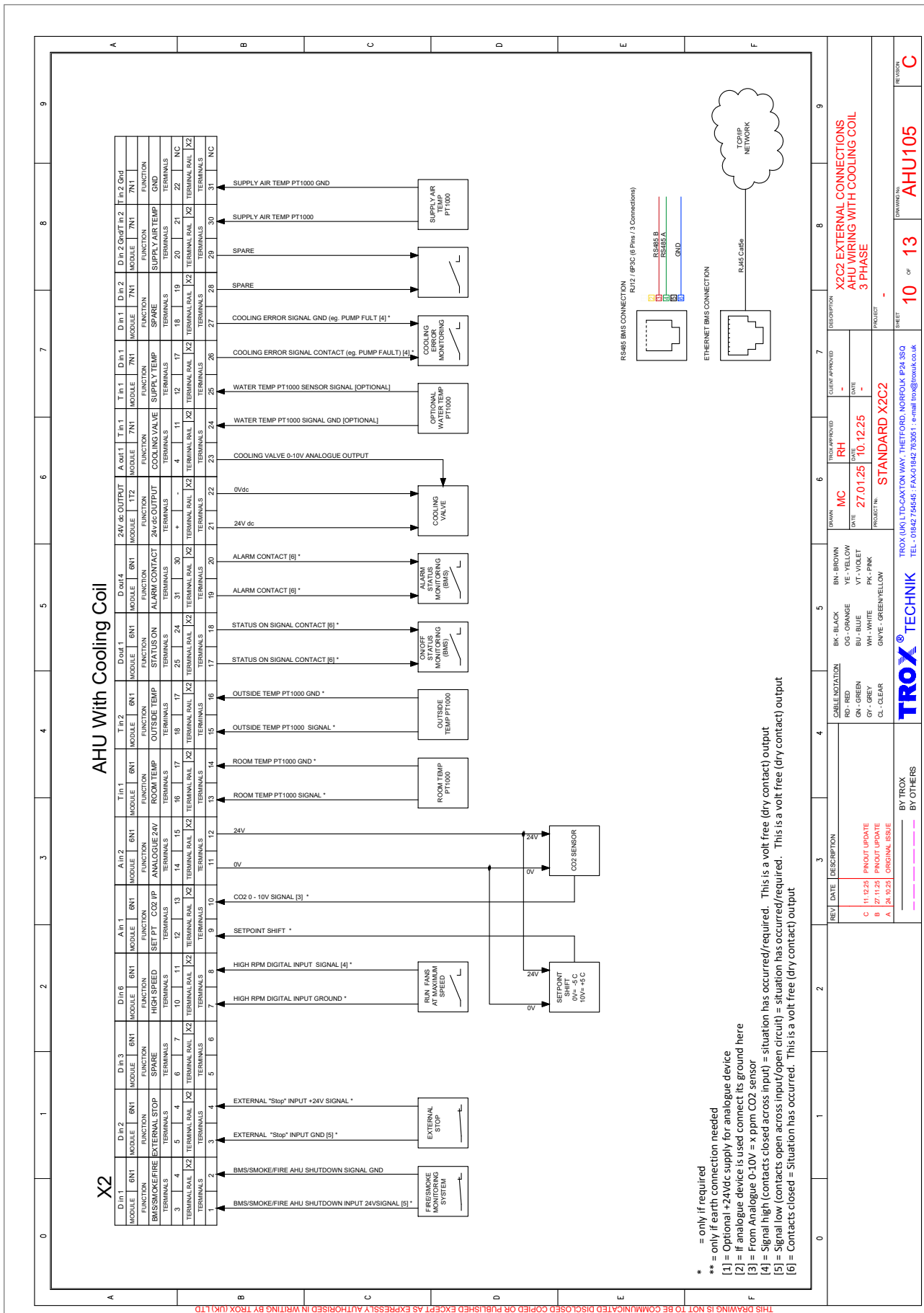


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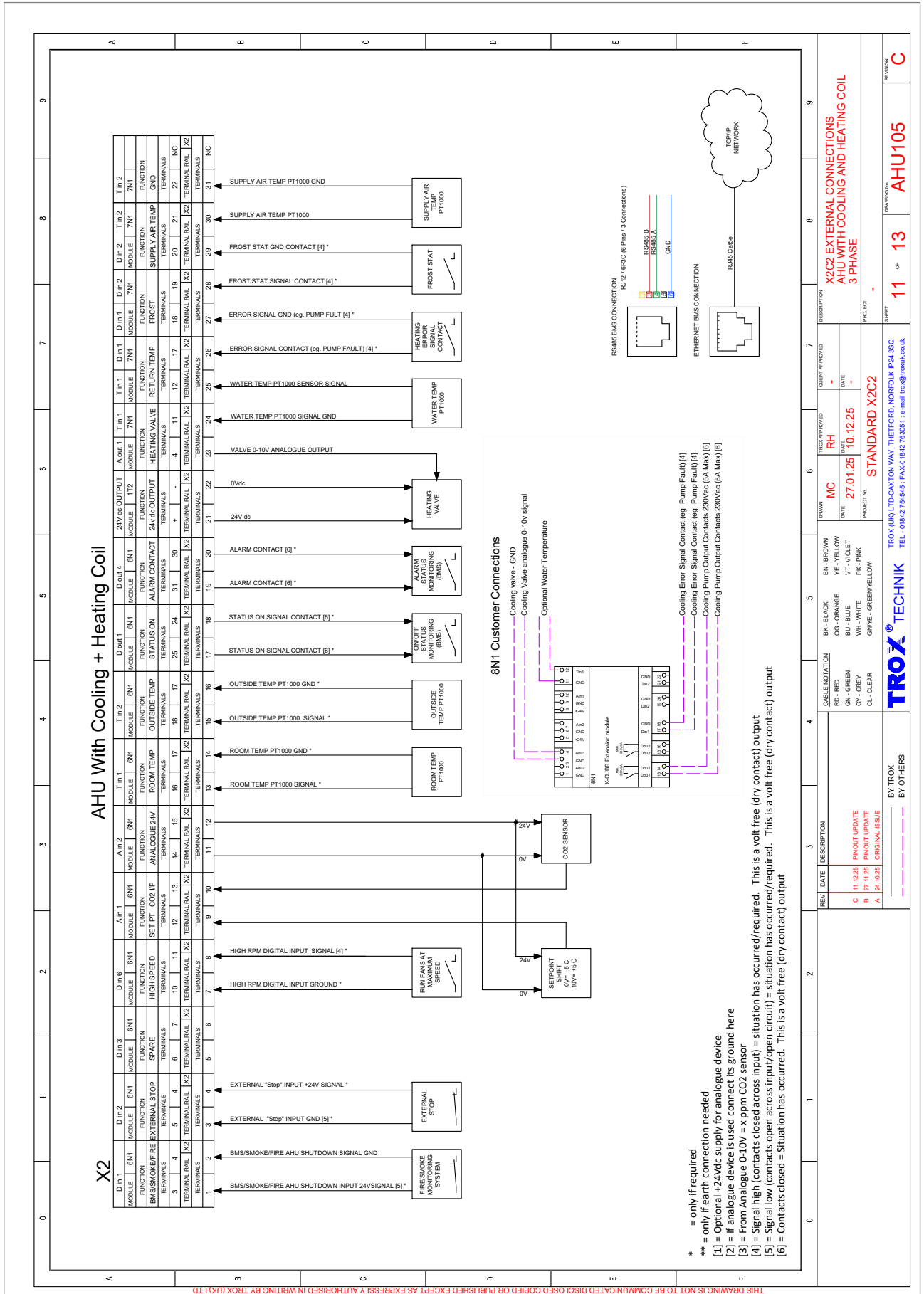


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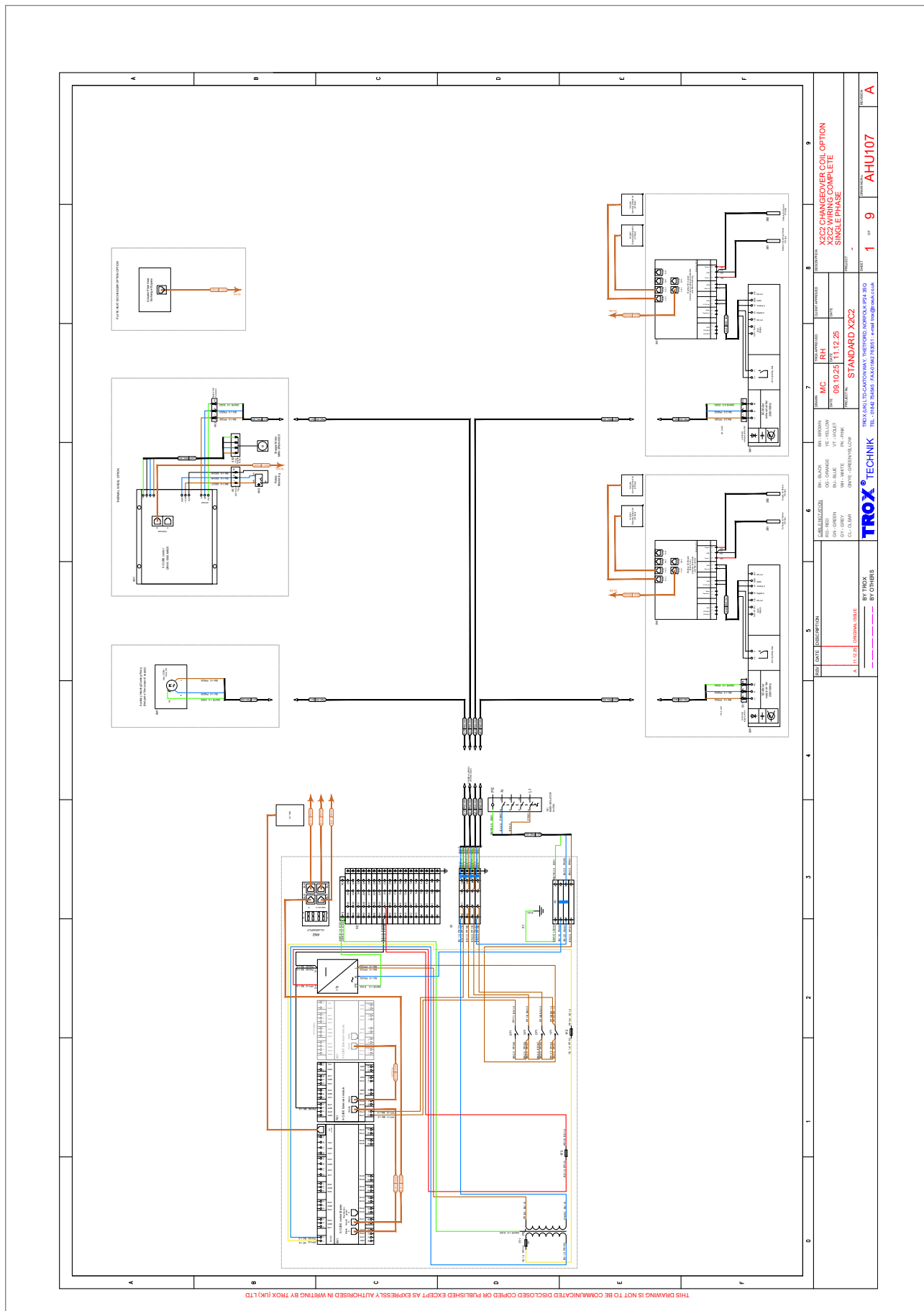
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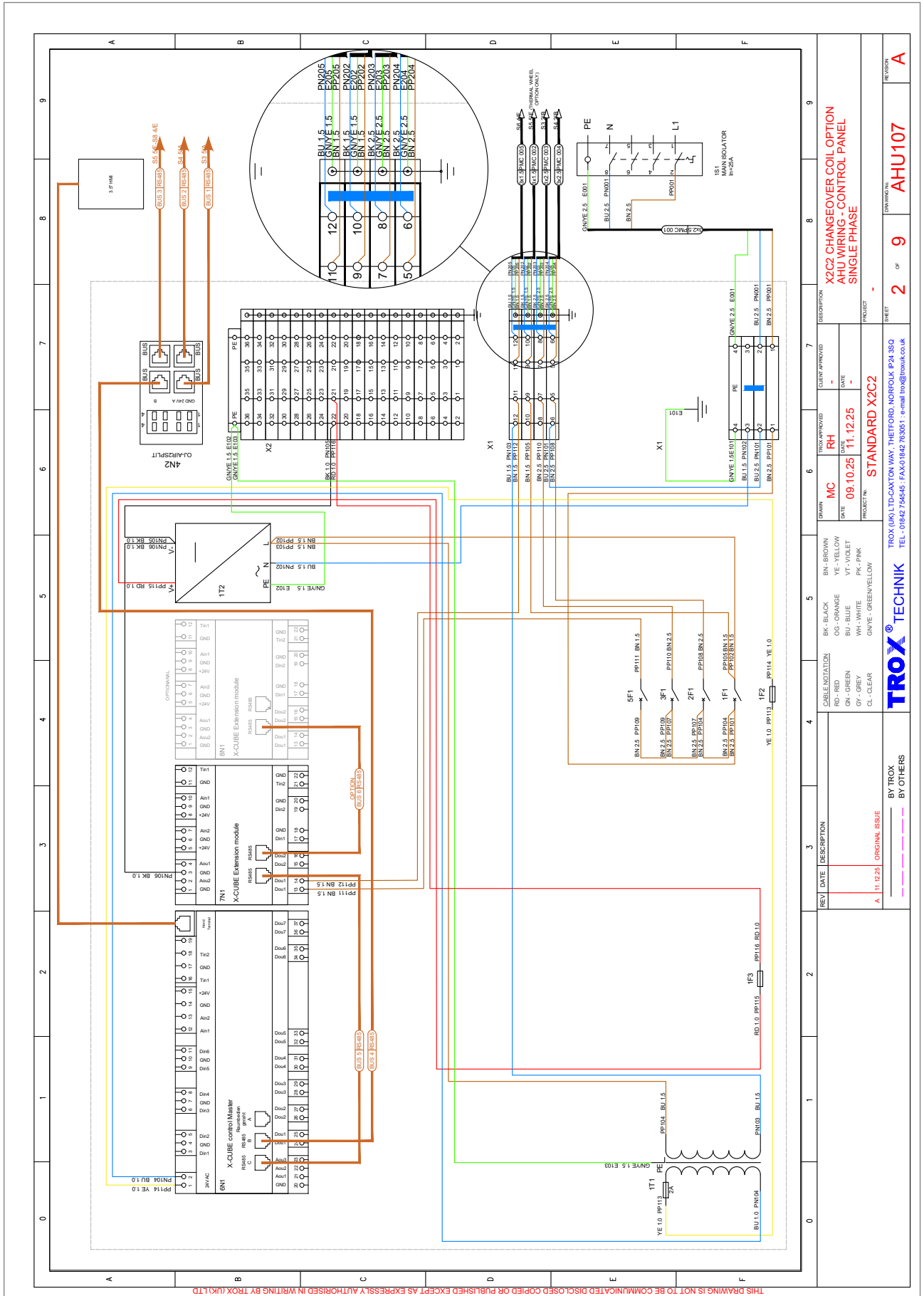
- * = only if required
- ** = only if earth connection needed
- [1] = Optional +24Vdc supply for analogue device
- [2] = If analogue device is used connect its ground here
- [3] = From Analogue 0-10V = x ppm CO2 sensor
- [4] = Signal high (contacts closed across input) = situation has occurred/required. This is a volt free (dry contact) output
- [5] = Signal low (contacts open across input/open circuit) = situation has occurred/required. This is a volt free (dry contact) output
- [6] = Contacts closed = Situation has occurred. This is a volt free (dry contact) output



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3 Verdrahtung Kühler/Erhitzer Changeover 230 V



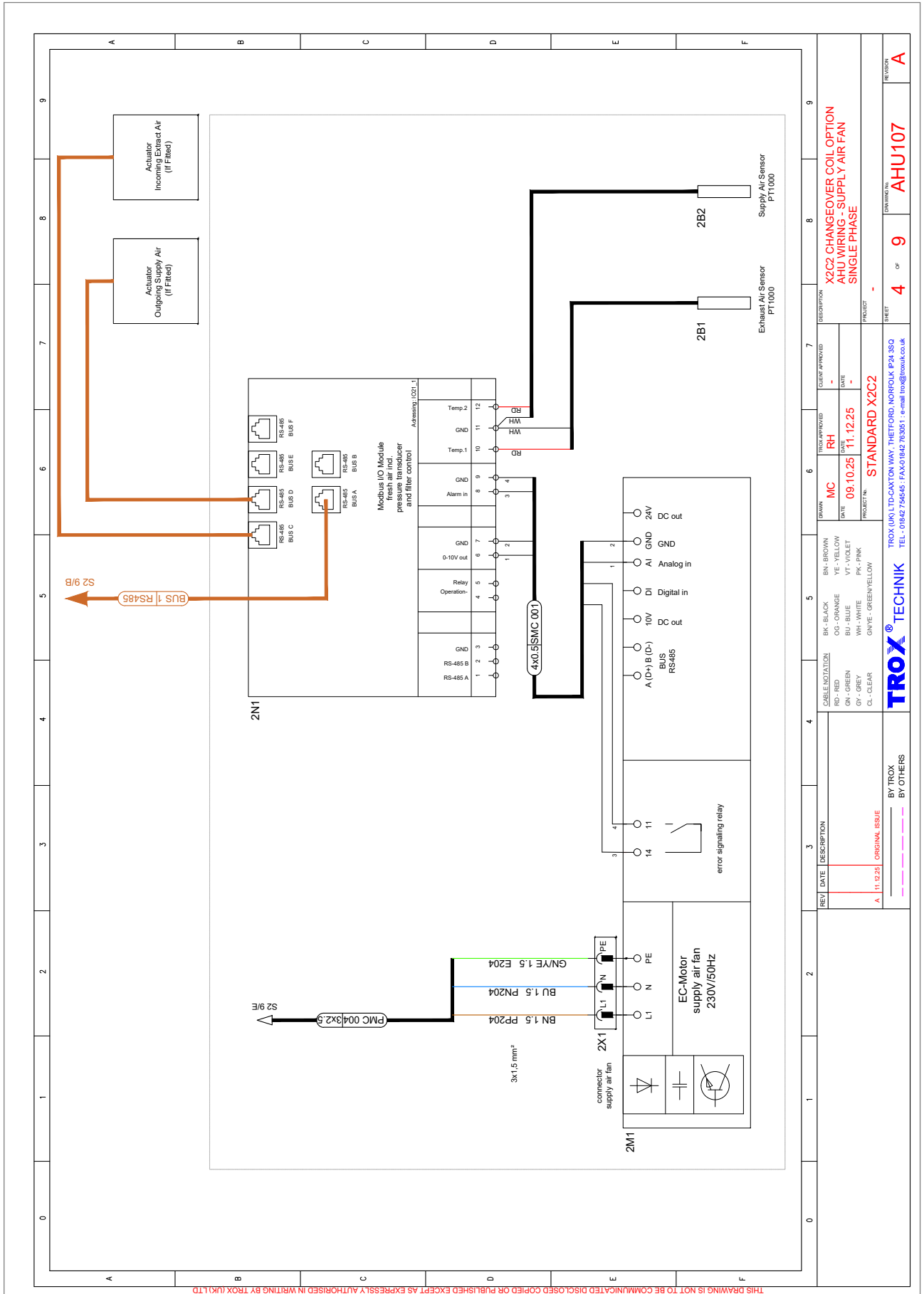


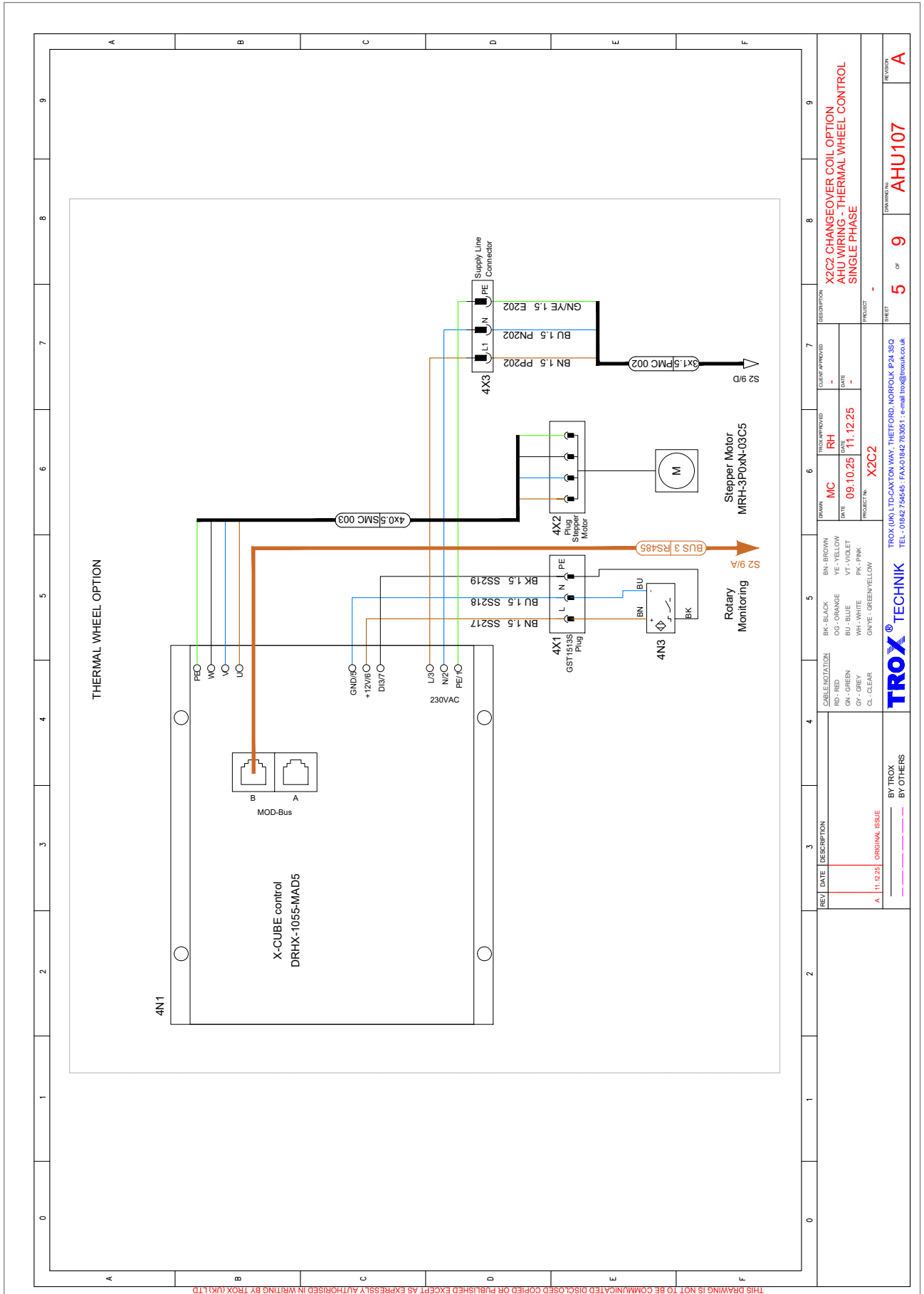
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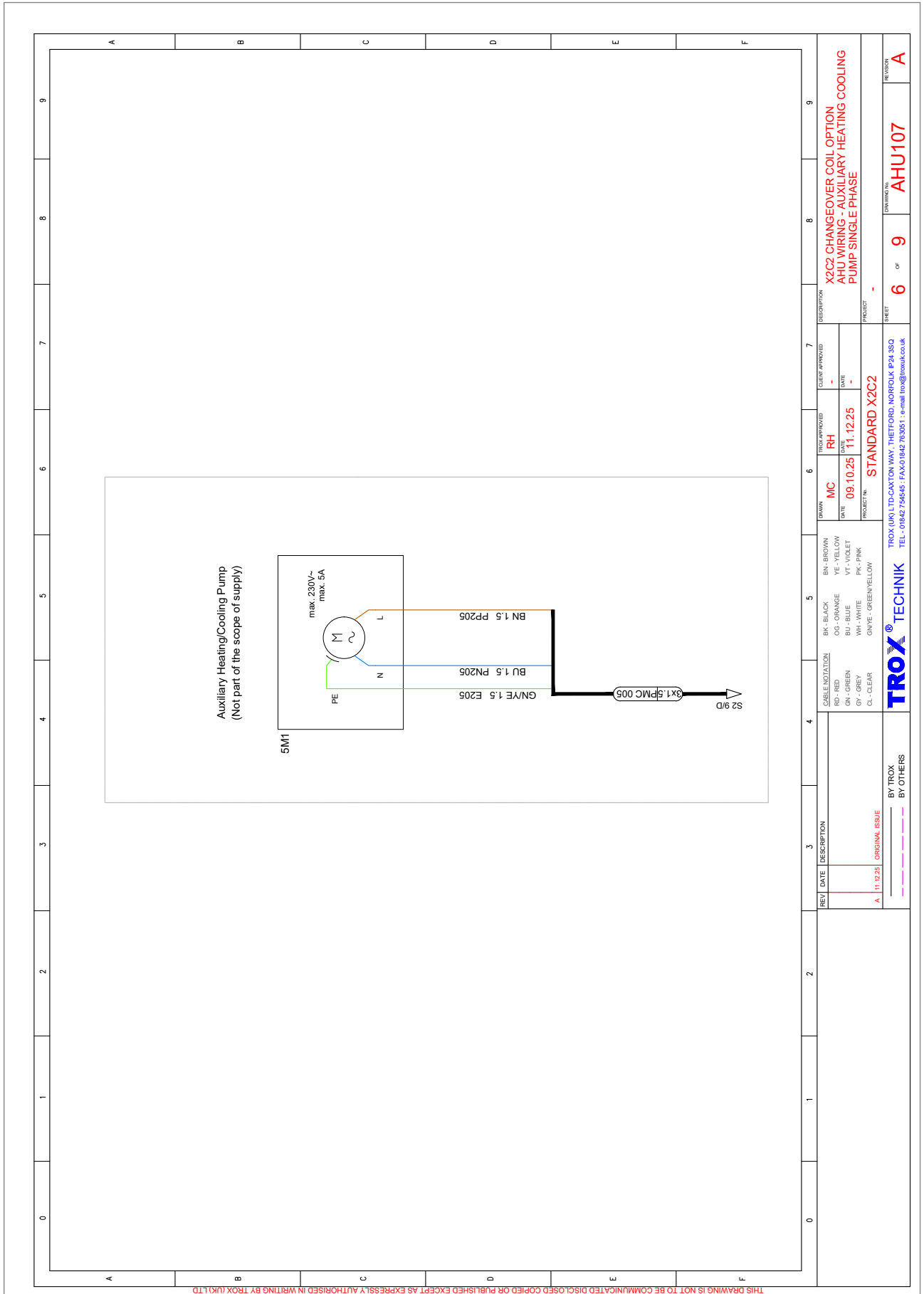
REV	DATE	DESCRIPTION
A	11.12.21	ORIGINAL ISSUE

DESIGN	MC	DESIGNED BY	RH
DATE	09.10.25	DATE	11.12.25
PROJECT NO.	STANDARD X2C2		
PROJECT	-		

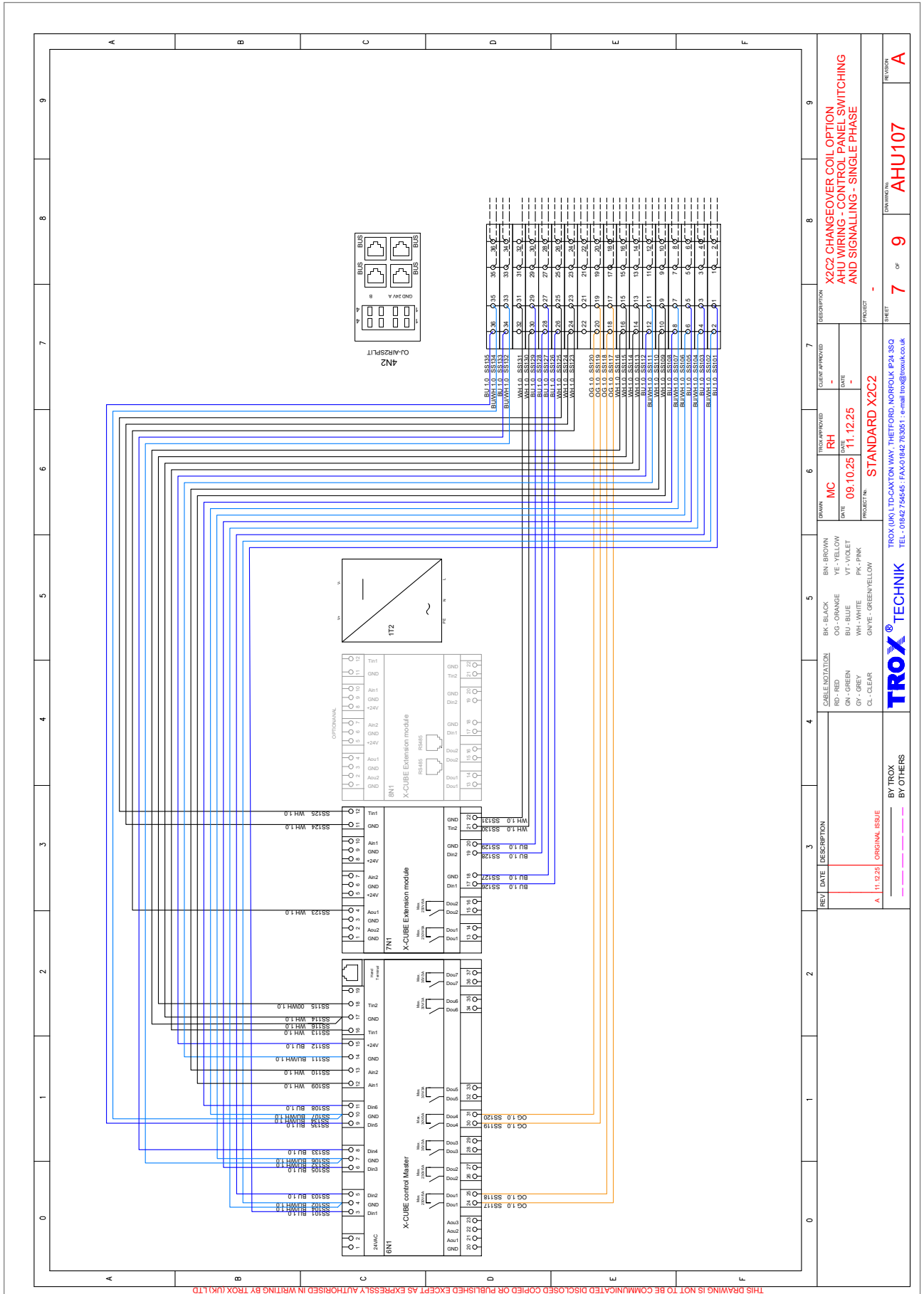
DESCRIPTION	X2C2 CHANGEOVER COIL OPTION AHU WIRING CONTROL PANEL SINGLE PHASE		
QUANTITY APPROVED	-	DATE	-
FORM NO.	AHU107		
REV. NO.	2	OF	9

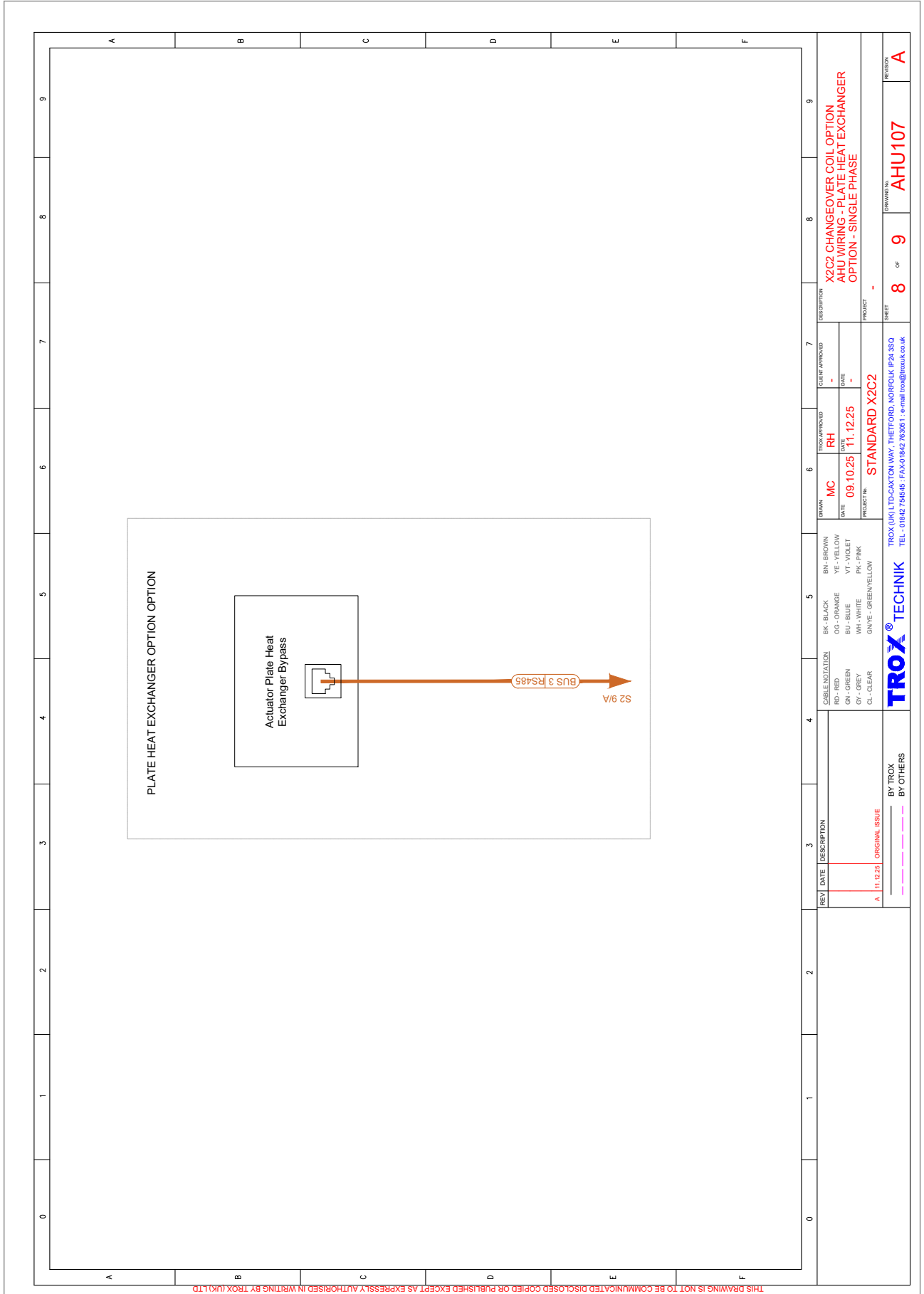






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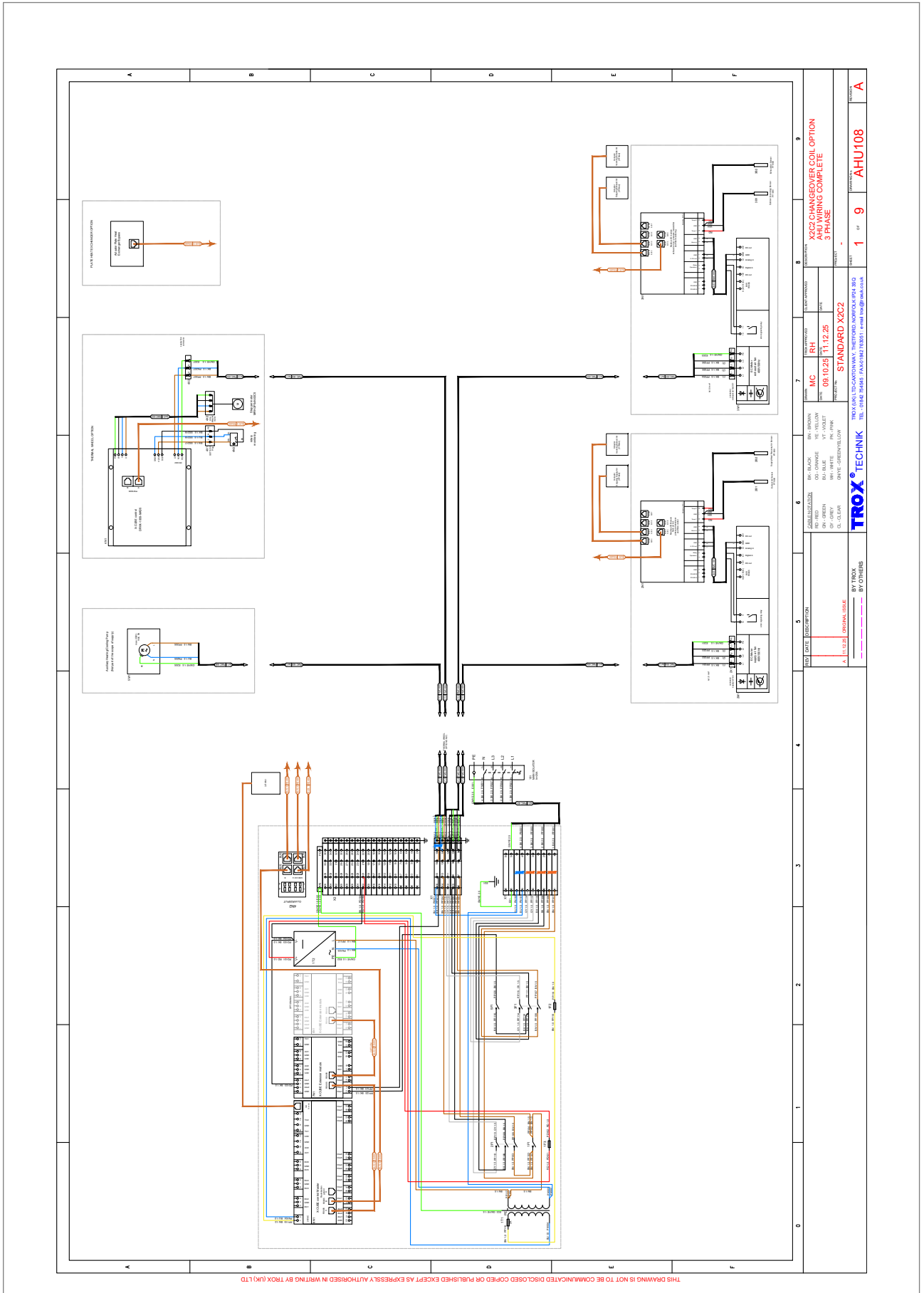


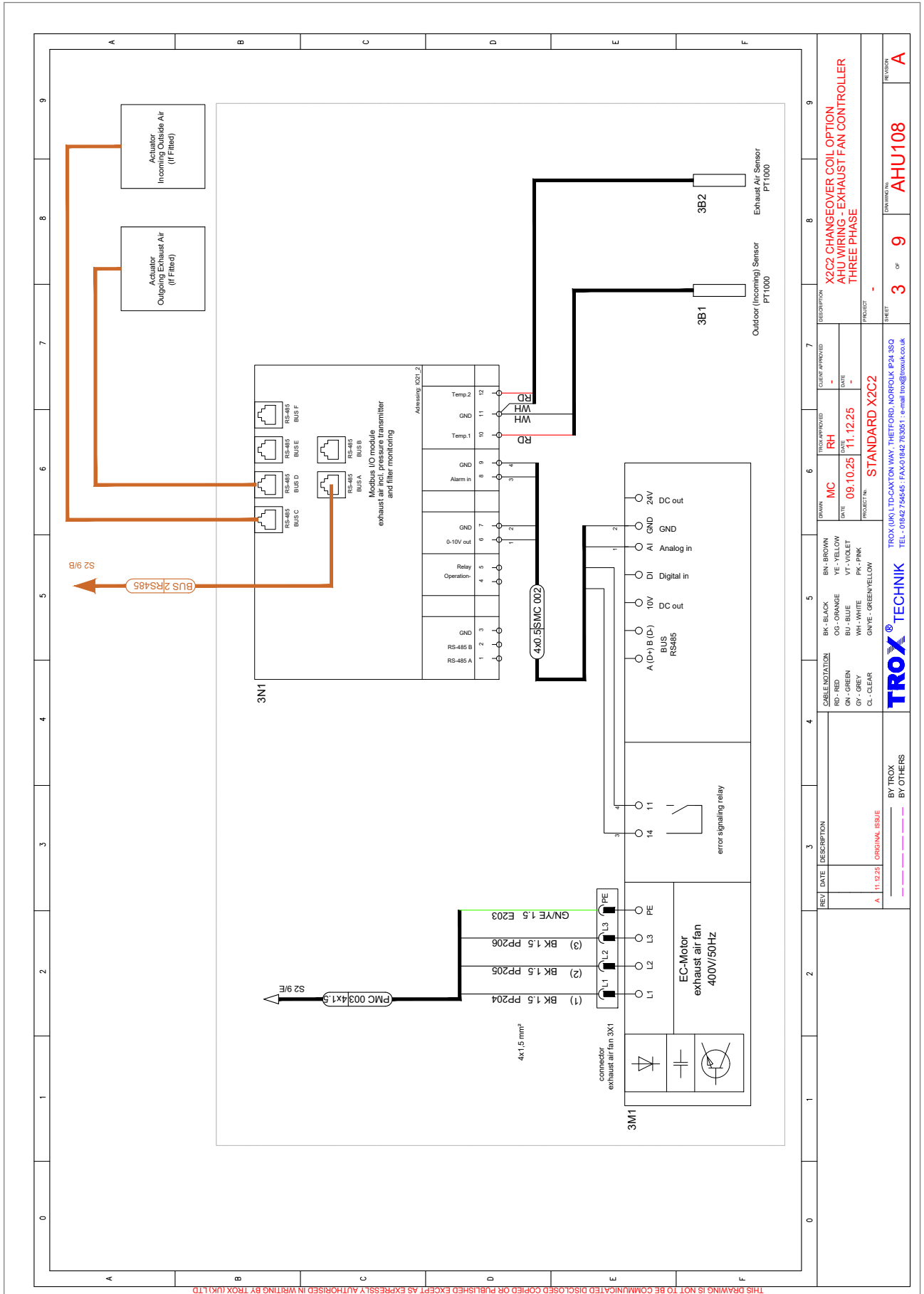


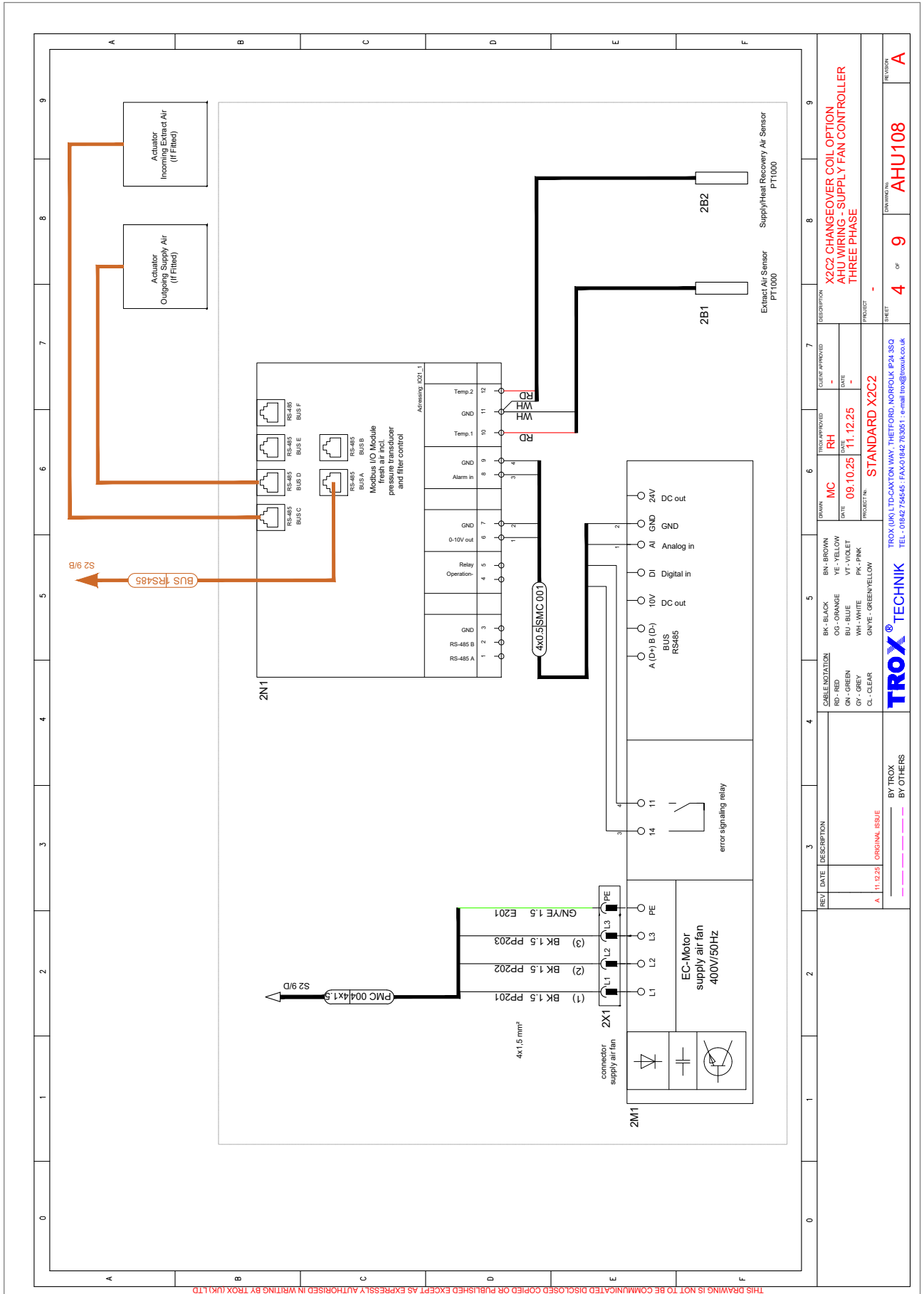
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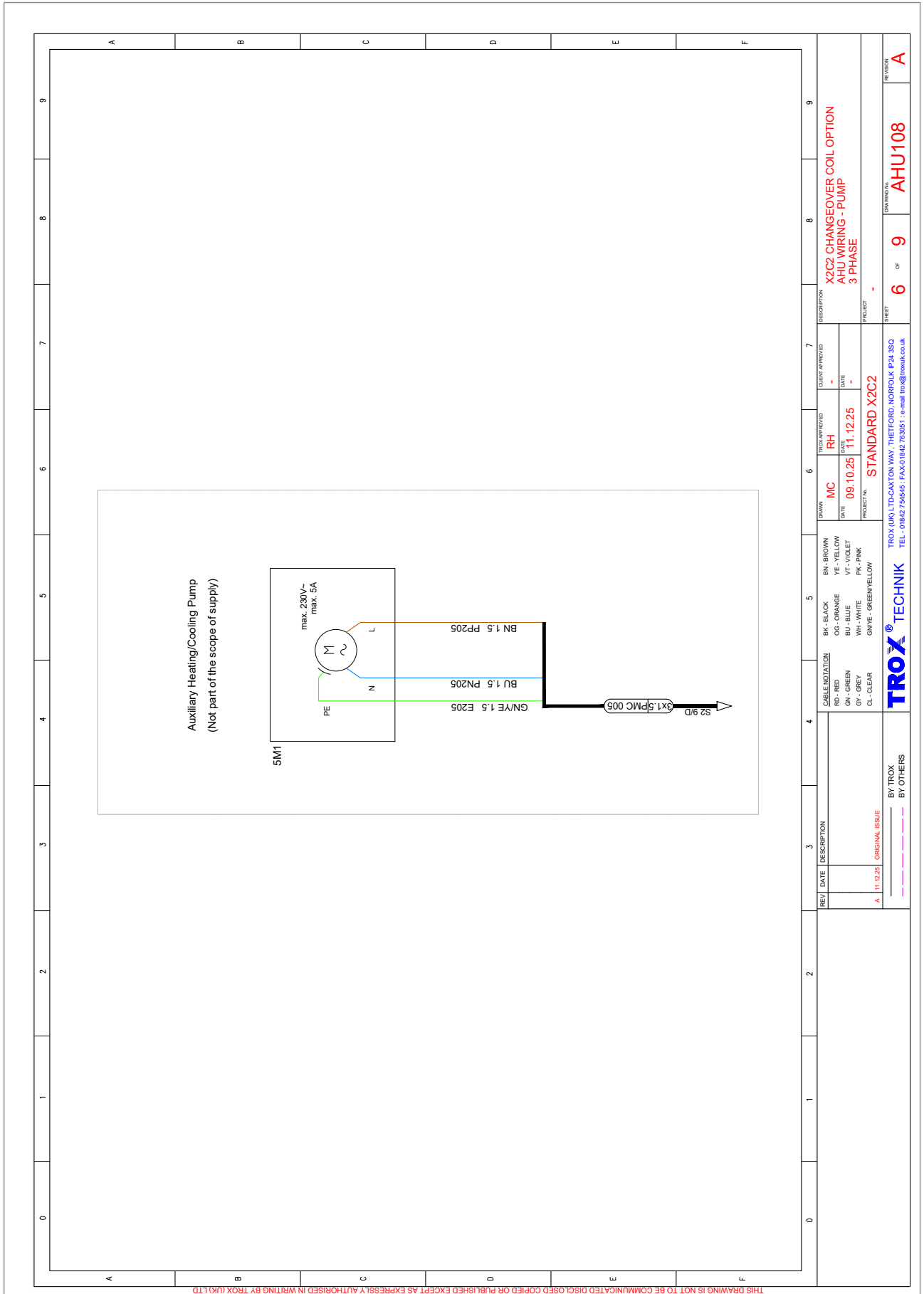
REV	DATE	DESCRIPTION	CABLE INDICATION	DRAMA	THROUGH APPROVED	CUSTOMER APPROVED	DESCRIPTION
A	11.12.21	ORIGINAL ISSUE	BK - BLACK RD - RED GN - GREEN GR - GREY CL - CLEAR BN - BROWN YE - YELLOW OG - ORANGE BU - BLUE WH - WHITE GNVE - GREEN/YELLOW VT - VIOLET PK - PINK	MC DATE: 09.10.25 BY: 11.12.25	RH	-	X2C2 CHANGEOVER COIL OPTION AHU WIRING - PLATE HEAT EXCHANGER OPTION - SINGLE PHASE
				PROJECT NO:	STANDARD X2C2		PROJECT
				TROX TECHNIK TROX (UK) LTD-CAXTON WAY, THETFORD, NORFOLK IP24 3SQ TEL - 01842 756545 ; FAX 01842 763051 ; e-mail trox@troxuk.co.uk		SHEET: 8 OF 9 DRAWING NO: AHU107	REVISION: A

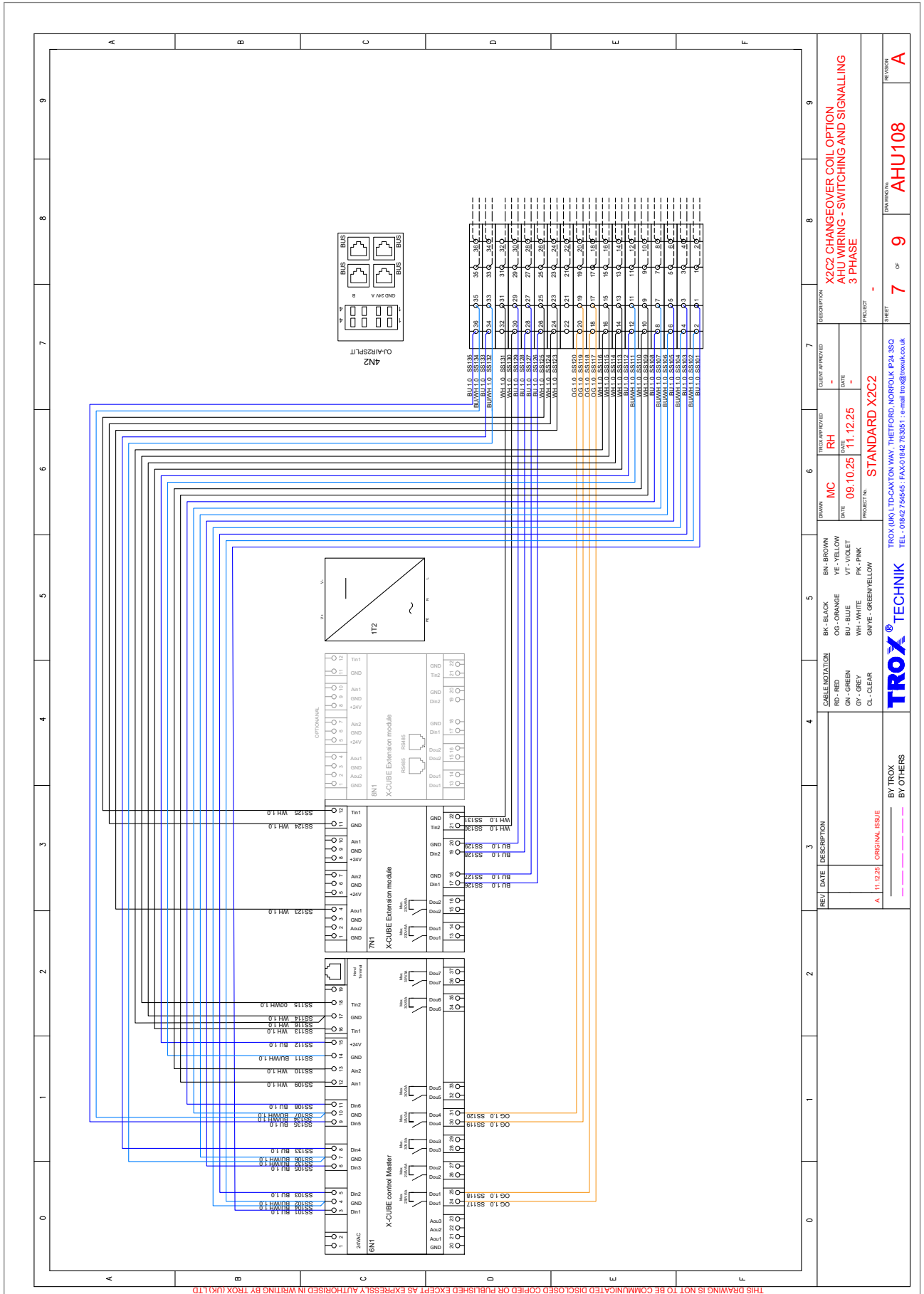
4 Verdrahtung Kühler/Erhitzer Changeover 400 V

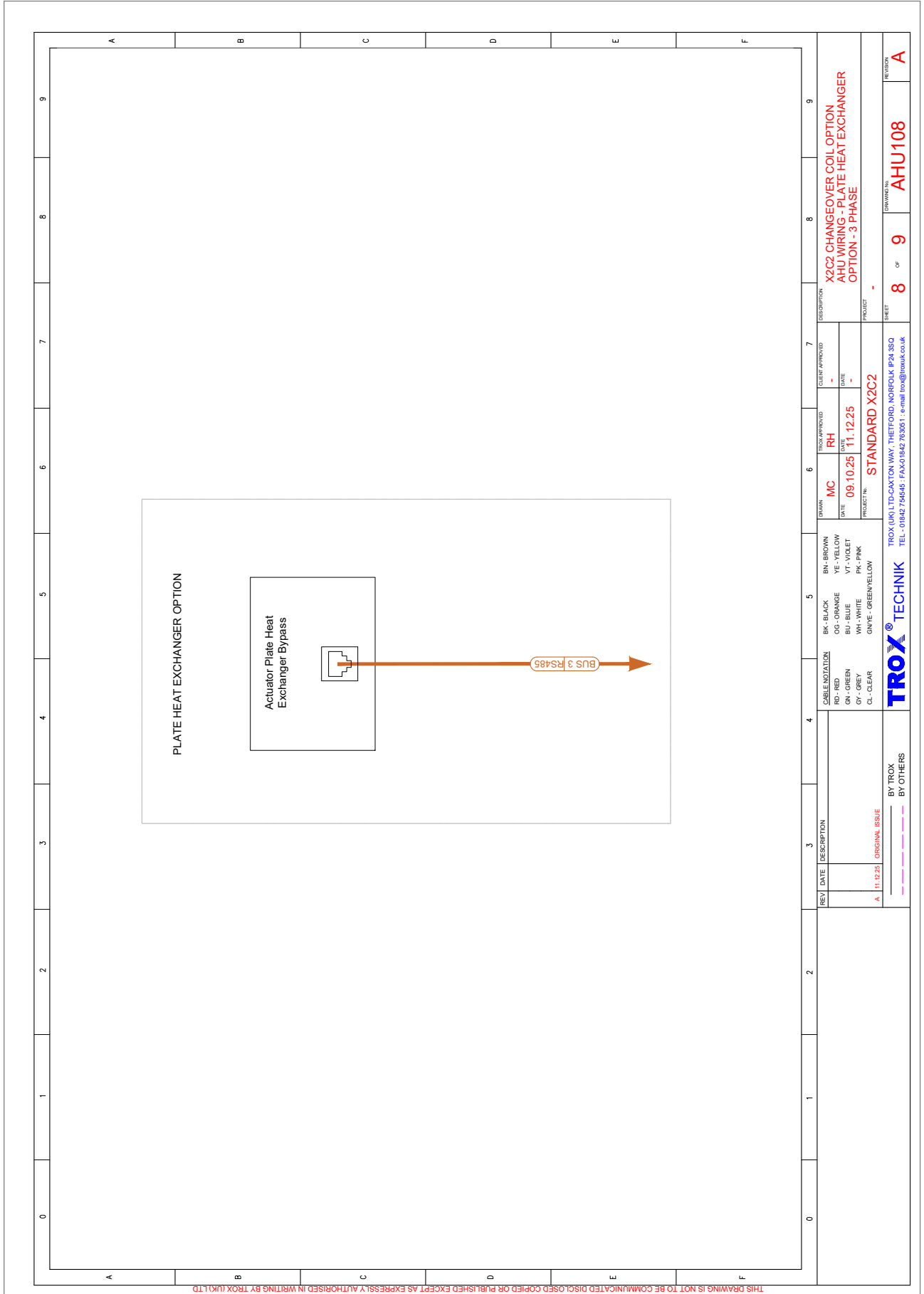


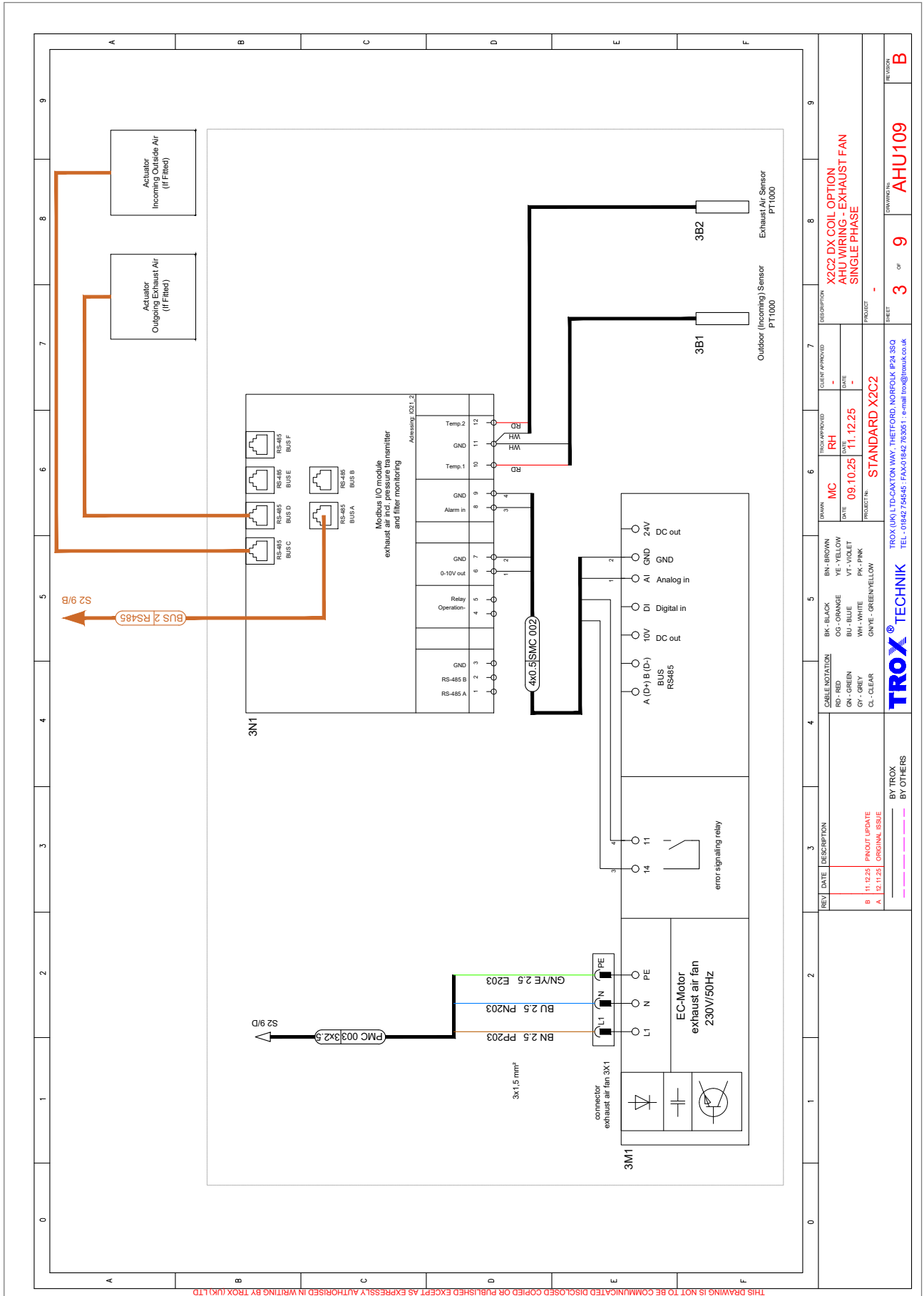


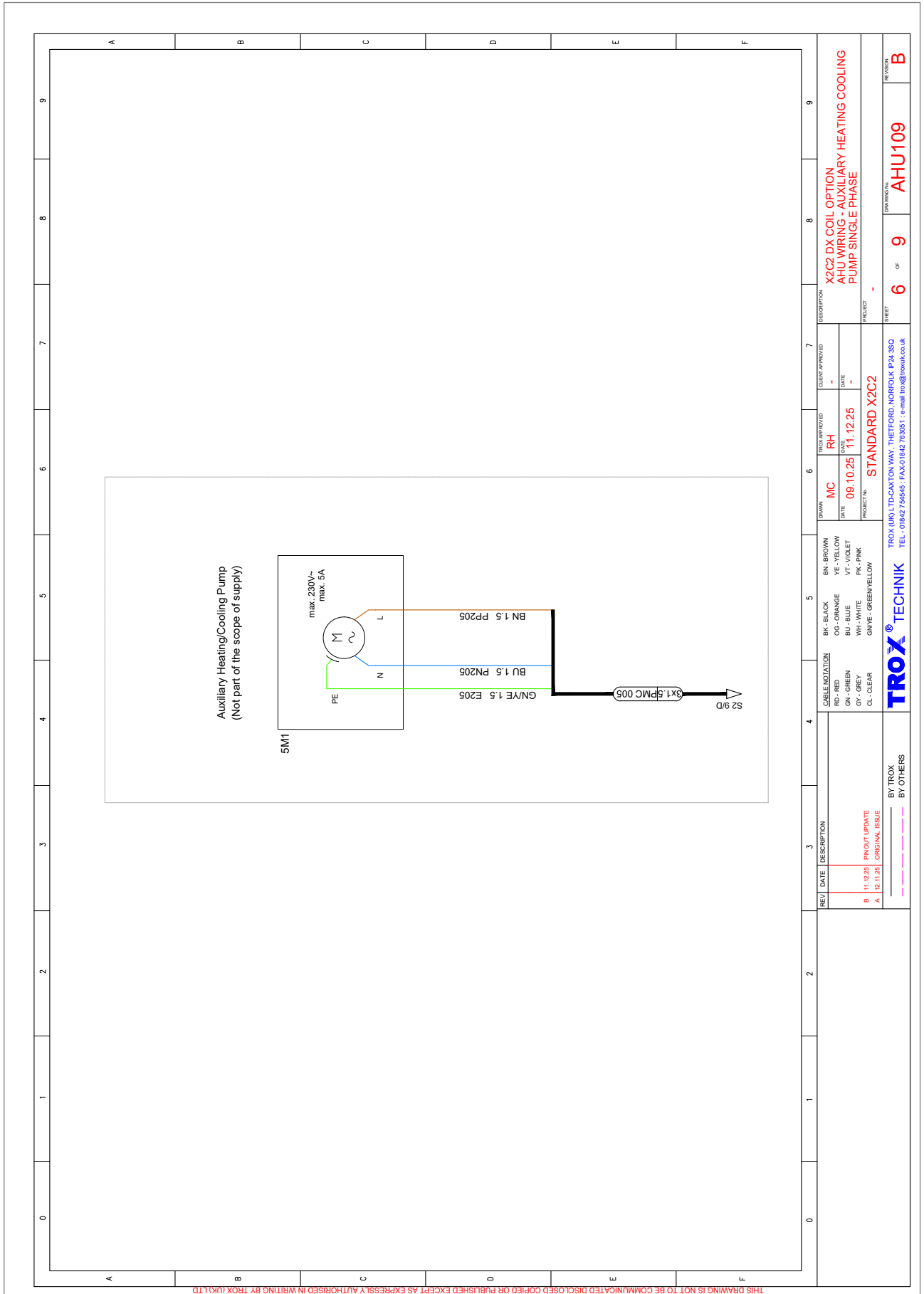


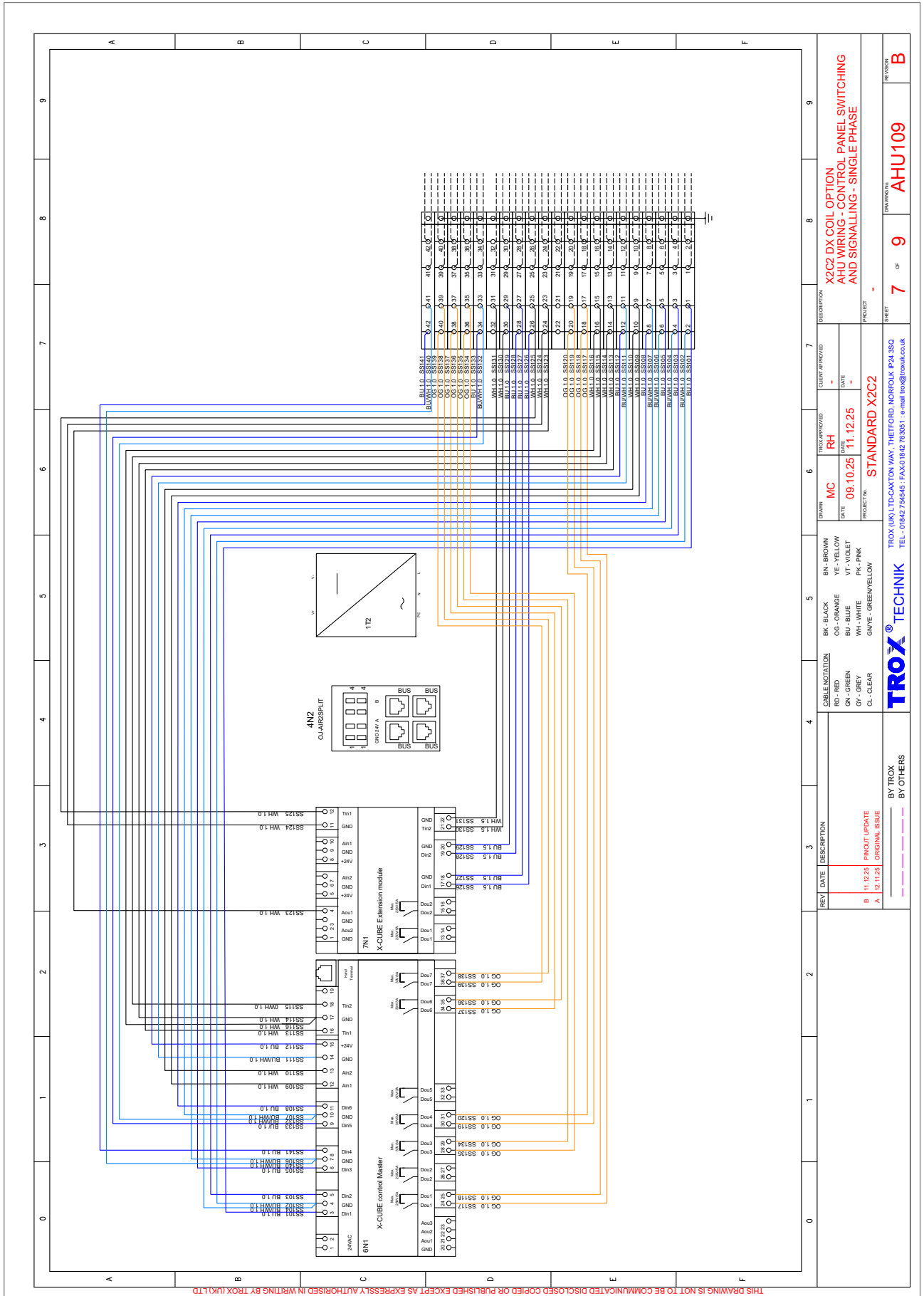




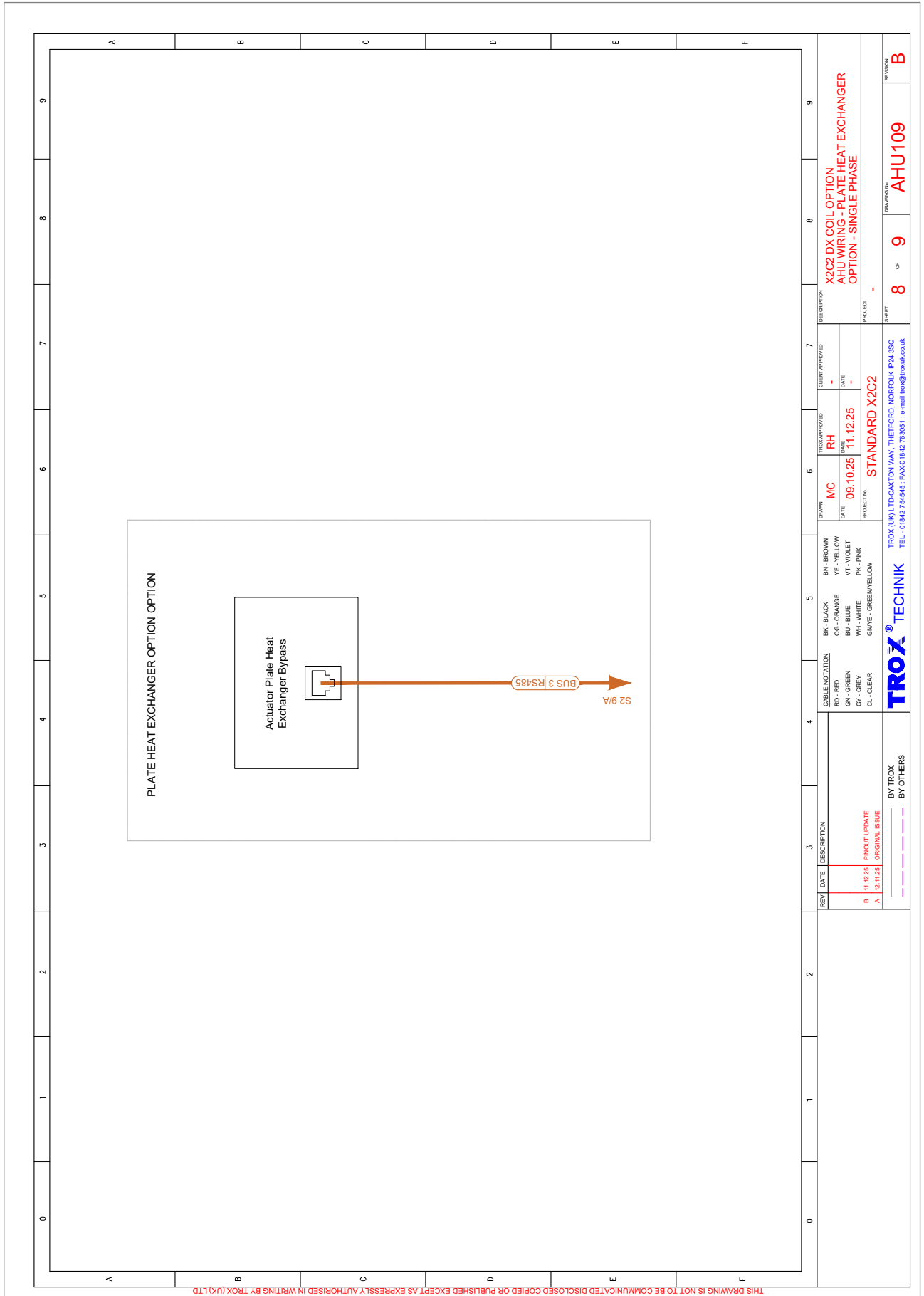








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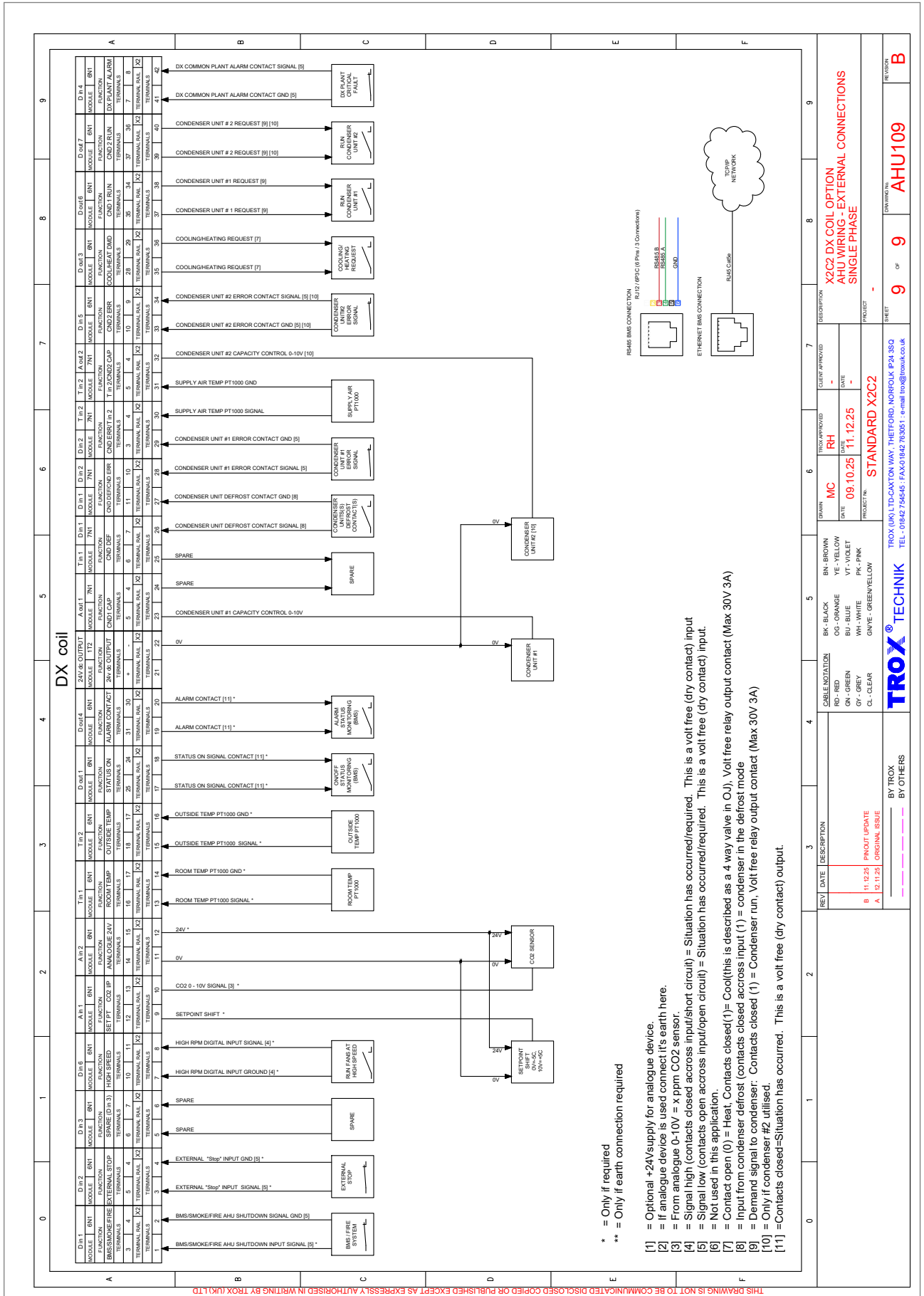


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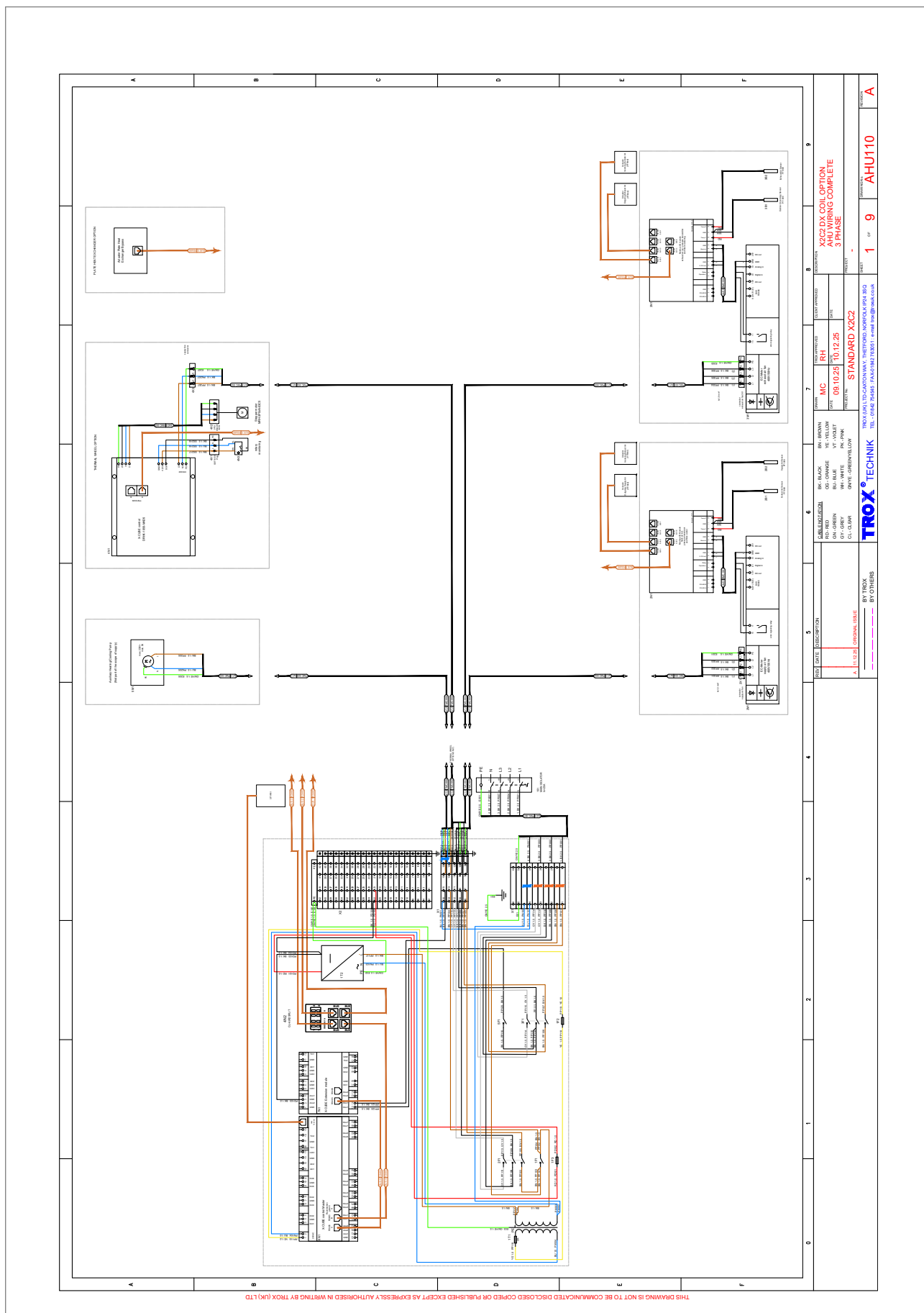
REV	DATE	DESCRIPTION	CABLE NOTATION	DRAMA	THROUGH APPROVED	CUSTOMER APPROVED	DESCRIPTION
B	11.12.25	FINOUT UPDATE	BK - BLACK OG - ORANGE BU - BLUE WH - WHITE GNVE - GREEN/YELLOW	MC	RH	-	X2C2 DX COIL OPTION AHU WIRING - PLATE HEAT EXCHANGER OPTION - SINGLE PHASE
A	12.11.25	ORIGINAL ISSUE	RD - RED GN - GREEN GY - GREY CL - CLEAR	09.10.25	11.12.25	-	PROJECT NO: STANDARD X2C2

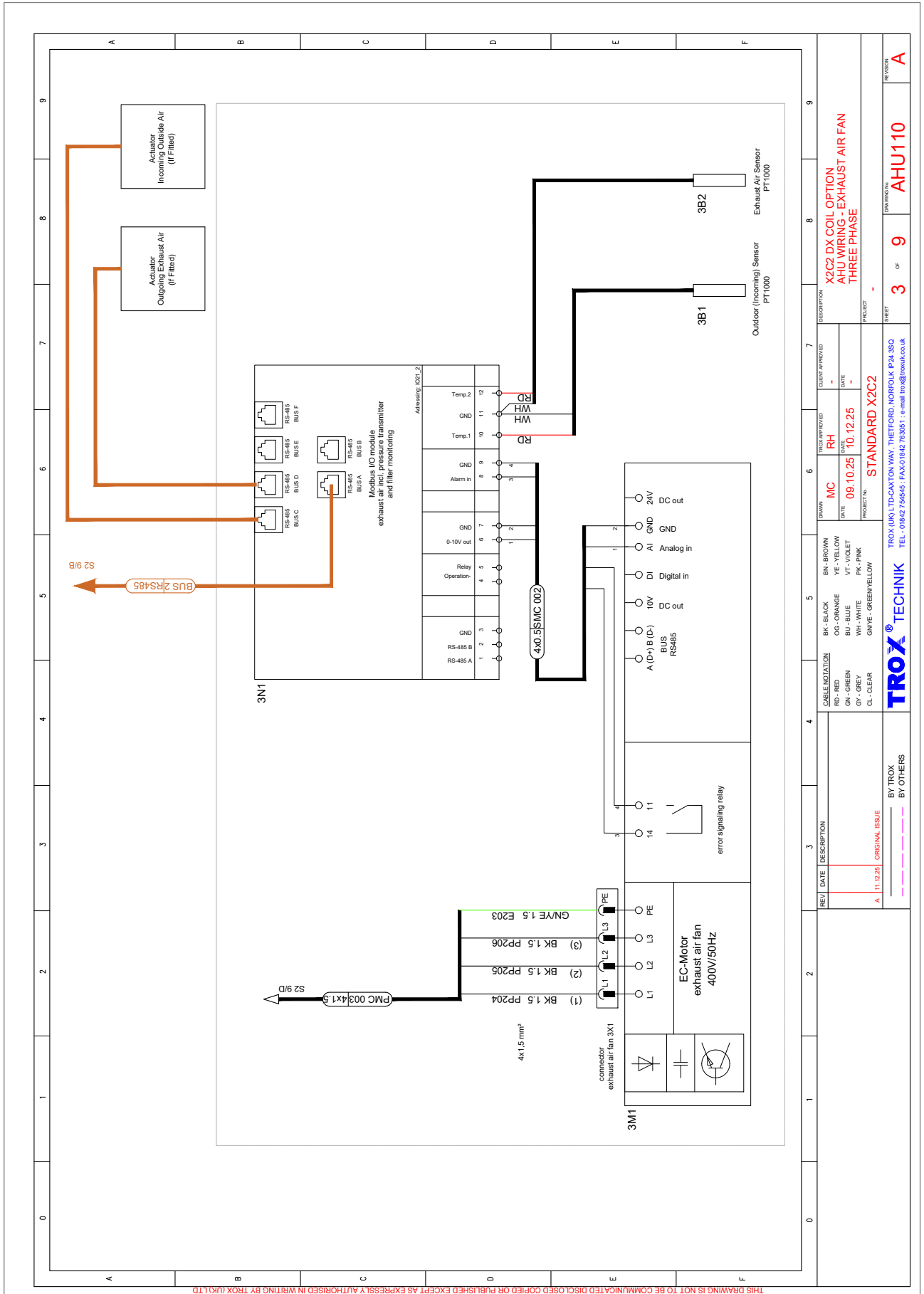
BY TROX		TROX (UK) LTD-CAXTON WAY, THETFORD, NORFOLK IP24 3SQ	
BY OTHERS		TEL - 01842 756545 ; FAX 01842 763051 ; e-mail trox@trox.co.uk	

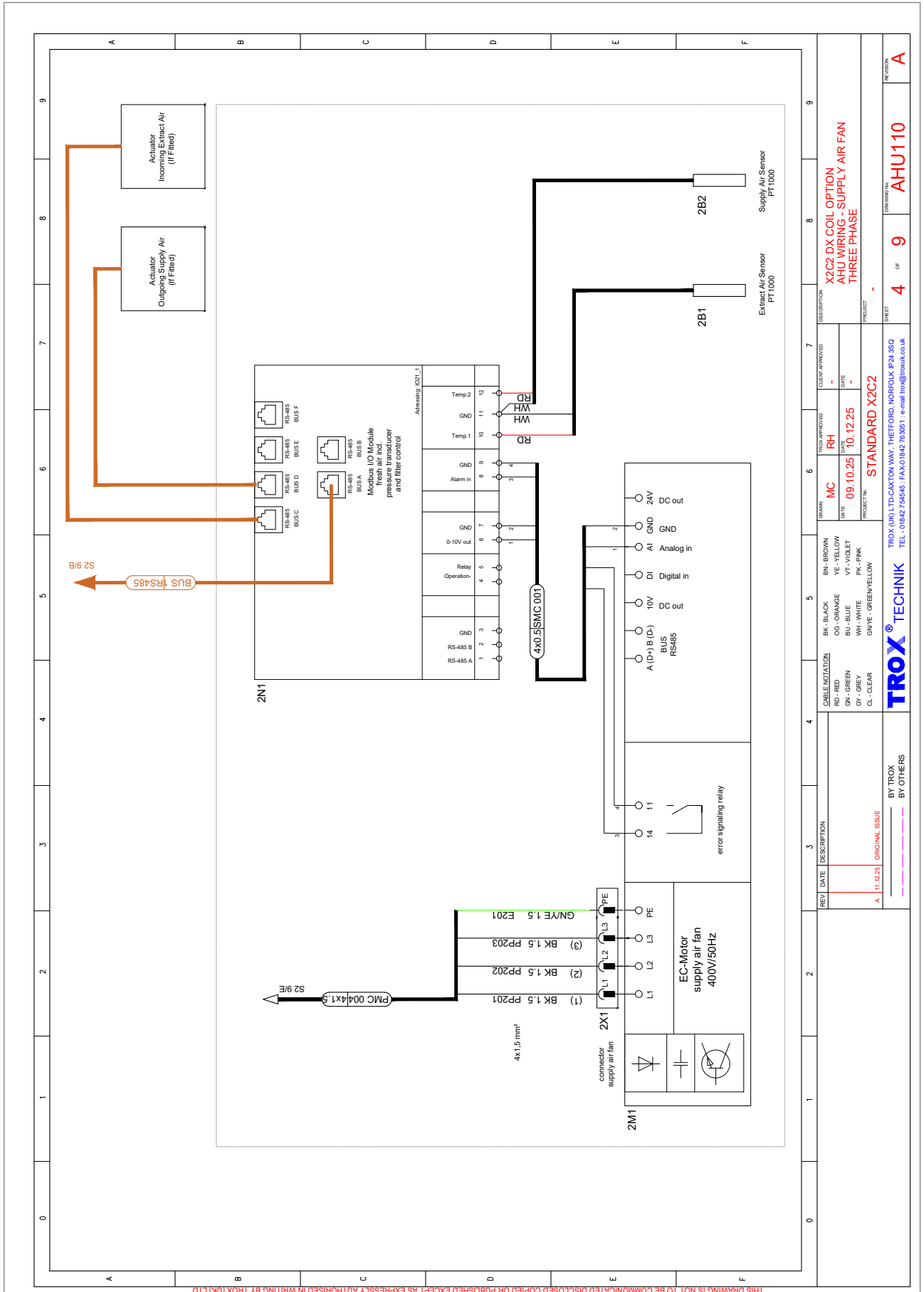
8	of	9	AHU109	REVISION
				B

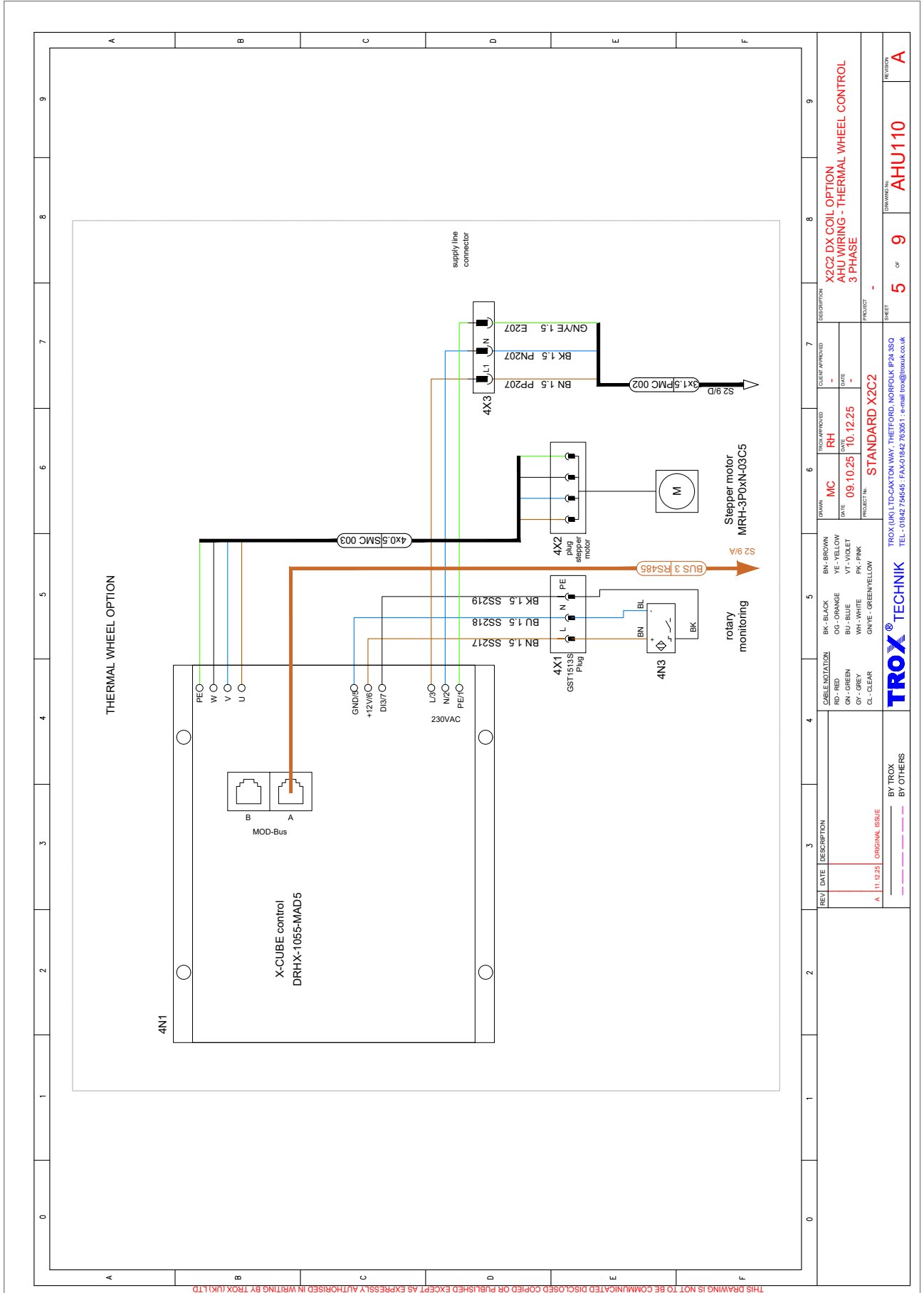


6 Verdrahtung Direktverdampfer (DX) Changeover 400 V





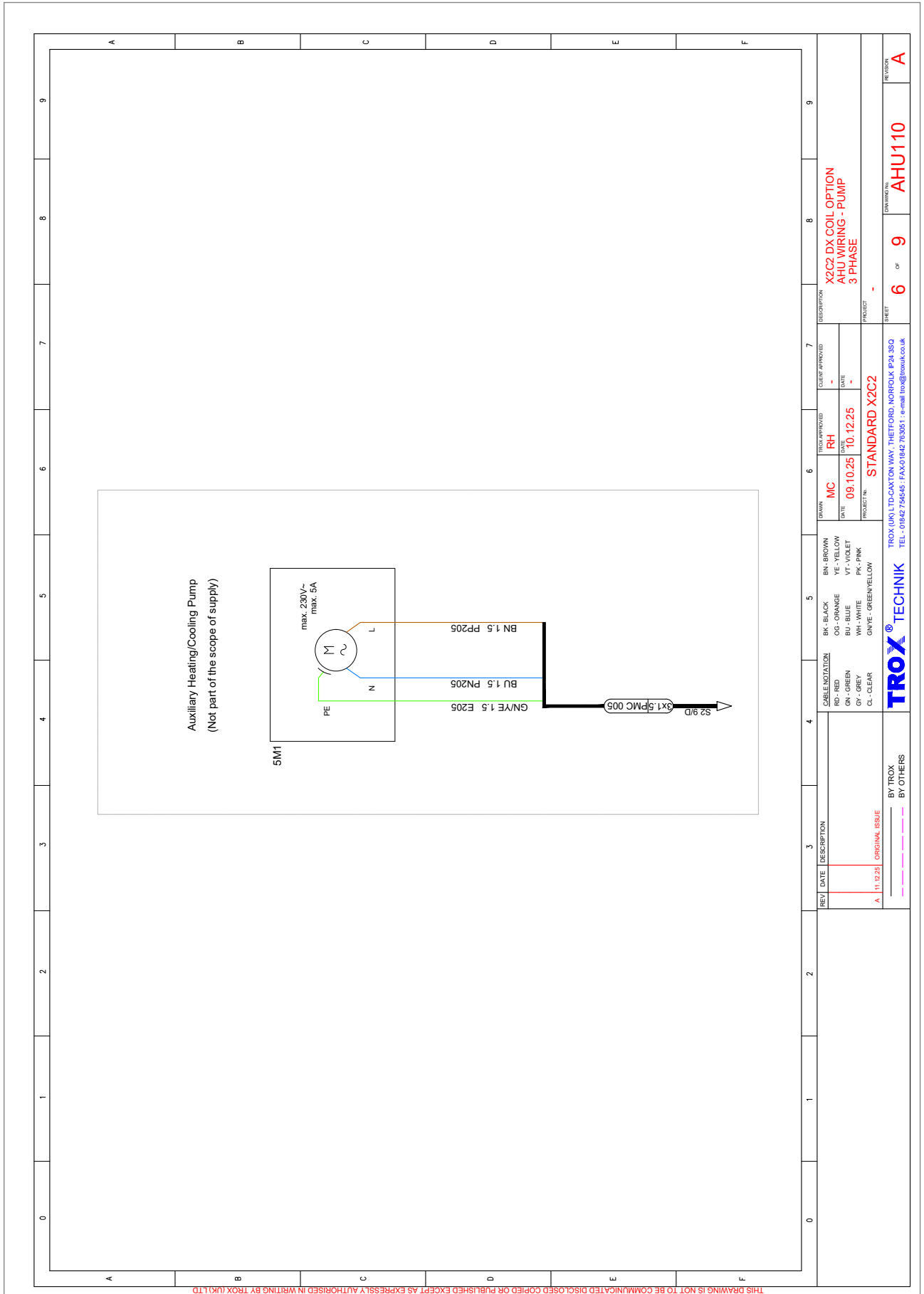


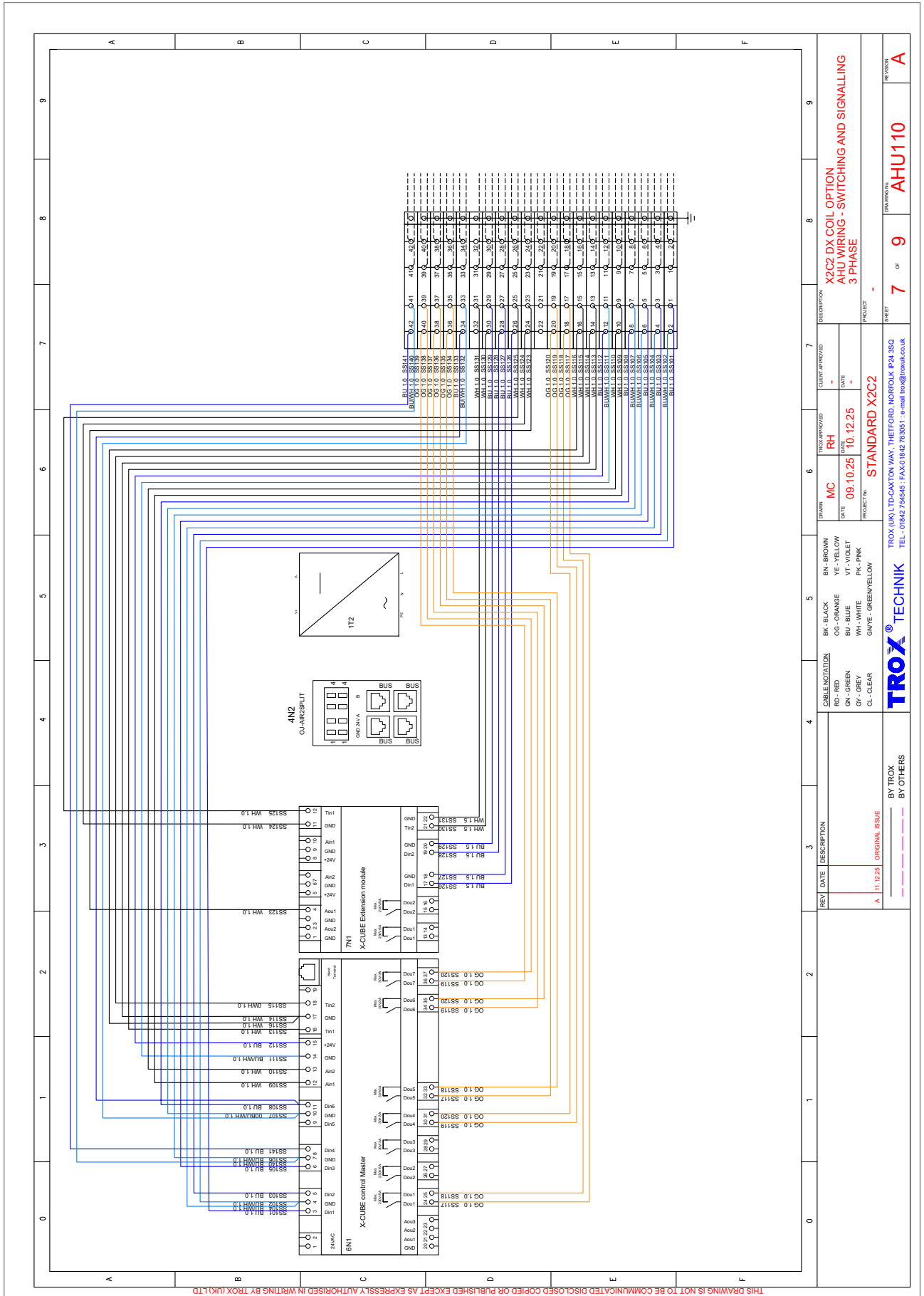


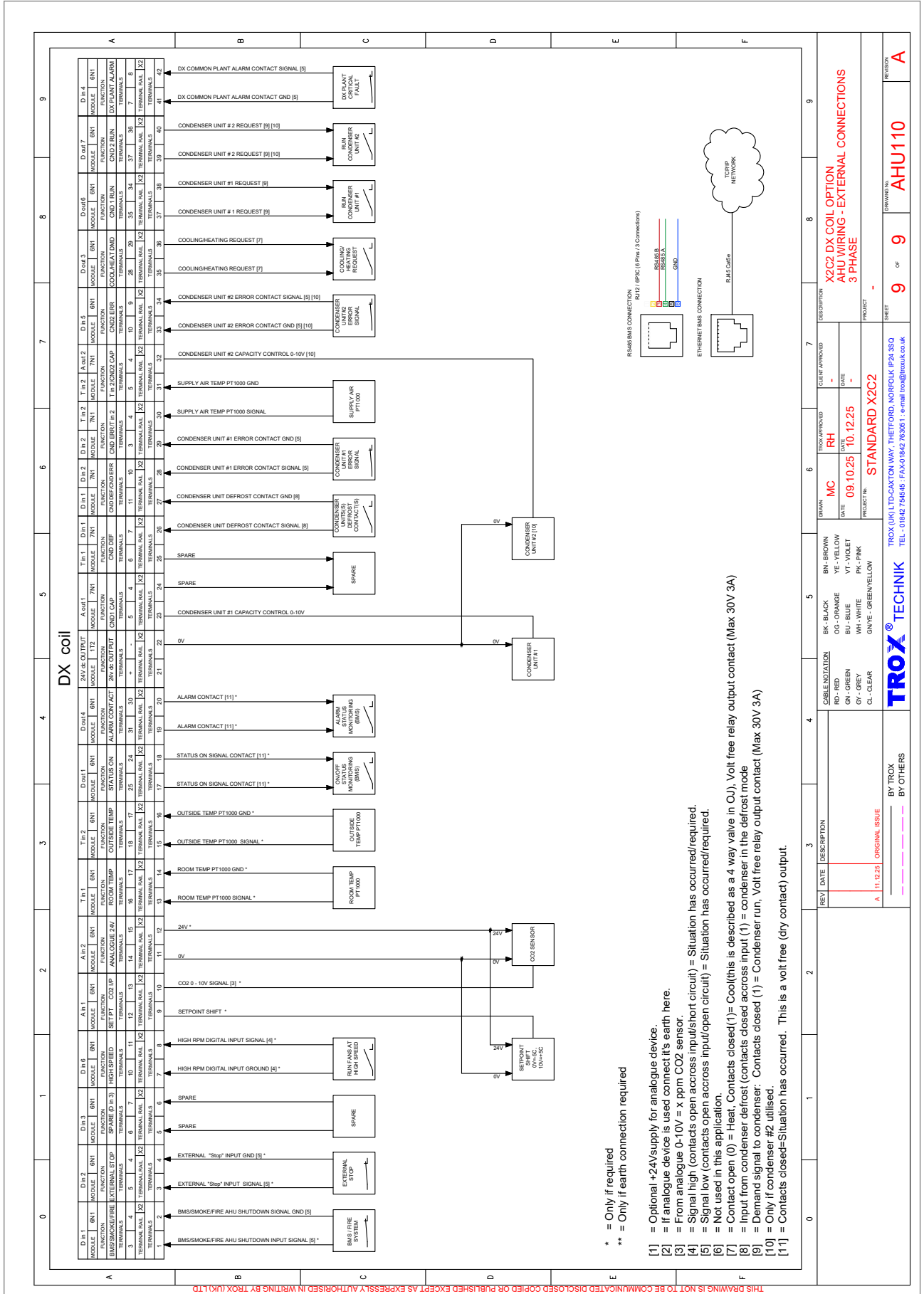
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REV	DATE	DESCRIPTION	DESIGNED BY	APPROVED BY	DATE	PROJECT NO.	PROJECT	DESCRIPTION	SHEET	OF	TOTAL SHEETS
A	11.12.21	ORIGINAL ISSUE				STANDARD X2C2		X2C2 DX COIL OPTION AHU WIRING - THERMAL WHEEL CONTROL 3 PHASE	5	9	AHU110

TROX TECHNIK
 TROX (UK) LTD-CAXTON WAY, THEFFORD, NORFOLK IP24 3SQ
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REVISION	DATE	DESCRIPTION
A	11.12.21	ORIGINAL ISSUE

BY TROX	BY OTHERS
_____	_____

REVISION	DATE	DESCRIPTION
9	09.10.25	MC
9	10.12.25	RH

PROJECT NO.	PROJECT
STANDARD X2C2	-

CLIENT APPROVED	DATE
-	10.12.25

DESCRIPTION	DATE
X2C2 DX COIL OPTION AHU WIRING - EXTERNAL CONNECTIONS 3 PHASE	10.12.25

DESIGNER	DATE
AWH110	09.10.25

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ANDROID



TROX

TROX SE

Heinrich-Trox-Platz

47506 Neukirchen-Vluyn

Telefon: +49 2845 202-0

Telefax: +49 2845 202-265

E-Mail: trox-de@troxgroup.com

www.trox.de