

Anschlussbilder AEREX Reco-Boxx RLT-Geräte: Reco-Boxx ZXR Reco-Boxx ZXA Reco-Boxx Flat-H Reco-Boxx Flat OUT



Diese Anschlussbilder sind eine Ergänzung zu unseren Installations- und Bedienungsanleitungen, erhältlich zum Download auf unserer Internetseite www.aerex.de



Sämtliche internen Komponenten (Ventilatoren, Regelungen, Sensoren, Relais usw.) sind betriebsfertig angeschlossen. Der Elektroanschluss muss von einer Elektrofachkraft durchgeführt werden. Die Erdung der Geräte ist zwingend vorgeschrieben!



Sämtliche elektrische Verbindungen müssen von einer Elektrofachkraft durchgeführt werden. Hierbei sind sämtliche gültige Normen und Richtlinien zu beachten!



Fehlerstromschutzschalter: 300 mA, Klasse B oder B+



Empfohlene Sicherungen für Netzan-
schluss: D-Typ „träge“; D-10.000 A – AC3



Elektronische Platinen enthalten ESD-empfindliche Komponenten.
Es sind Vorsichtsmassnahmen bei der Handhabung ESD-empfindlicher Bauteile zu beachten!

Changes

Name

Date

Page

Name

Date

Draw.:

AEREX

01/03/2022

check.:

Norm:

Subject:

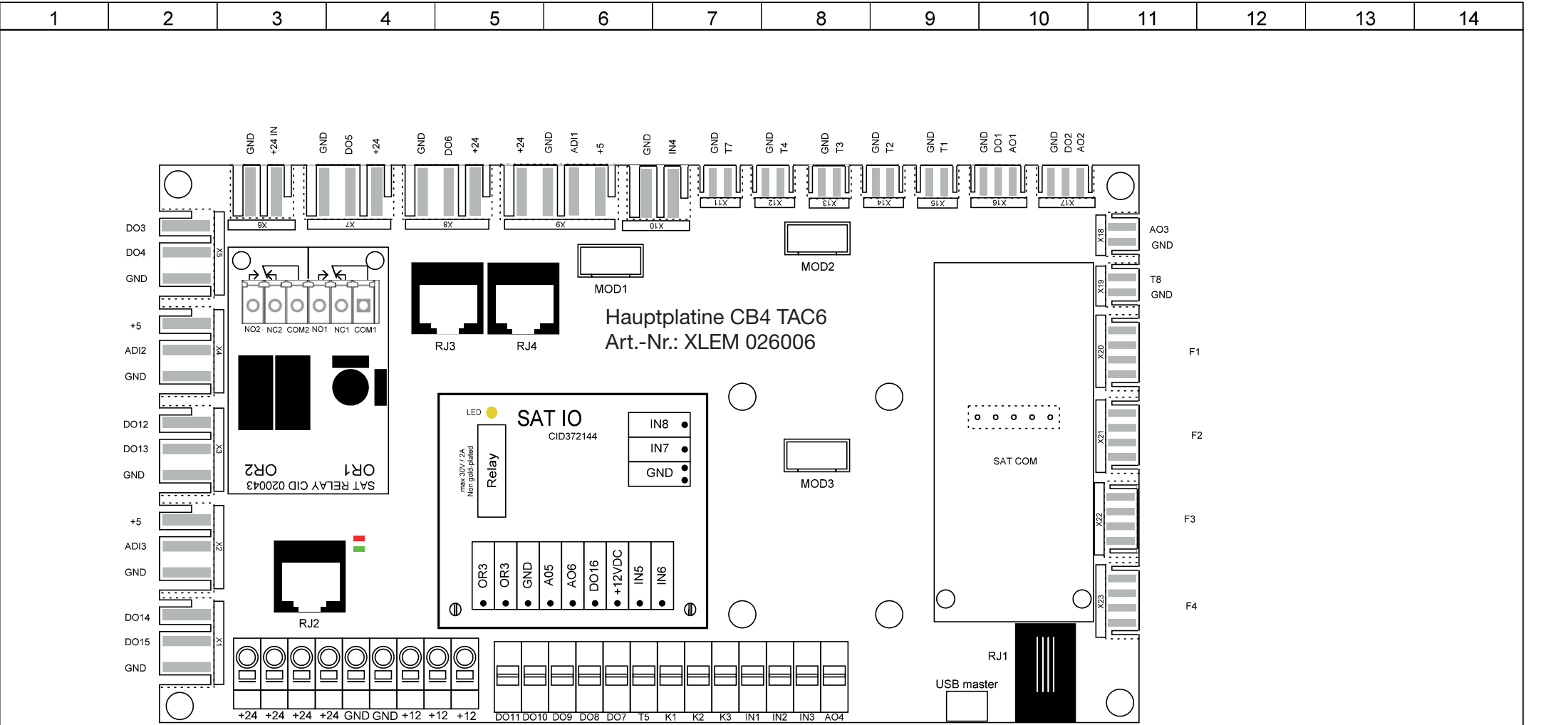
Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022

Application:

Allgemeines

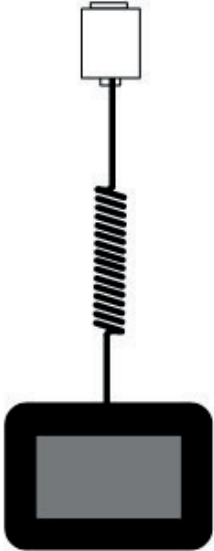
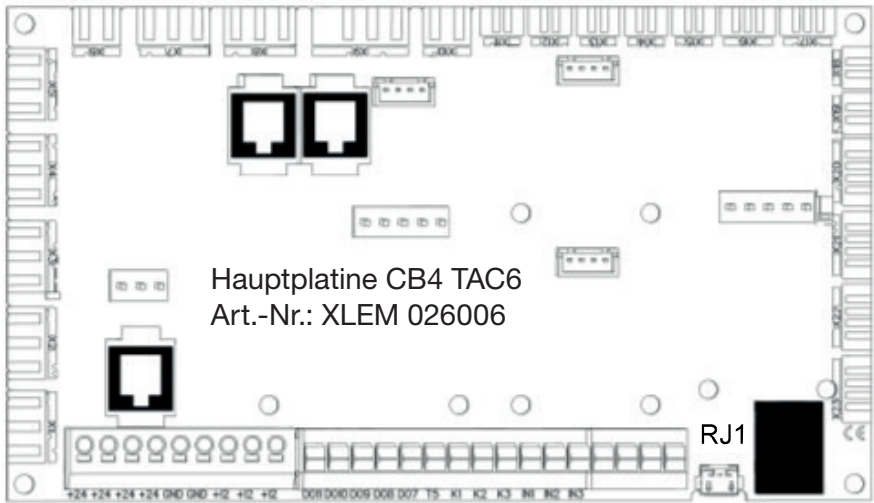
of

50



Changes			Name	Date	TAC6	Page
Name	Date	Draw.:	AEREX	01/03/2022		2
		check.:				
		Norm:			Application: Hauptplatine CB4 TAC6 Art.-Nr.: XLEM 026006	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					50

AO1 = Ausgang 0–10 V für externe hydraulische Nachheizung (Option)	T1 = Außentemperatur Fühler(vorverdrahtet)
DO1 = Kwout = PWM-Ausgang für KWout-elekt. Nachheizregister (Option – vorverdrahtet)	T2 = Ablufttemperatur Fühler(vorverdrahtet)
DO2 = KWin- PX: PWM-Ausgang für KWin-Stromregelung (Option – vorverdrahtet) RX Ansteuerung Rotor PWM (vorverdrahtet)	T3 = Fortlufttemperatur Fühler(vorverdrahtet)
AO2 = RX-GESCHWINDIGKEIT 0–10 V – RX (Option)	T5 = Zulufttemperatur Fühler für Nachheizregister (Option)
AO3 = 0–10-V-Ausgang zur Regelung der Kühlleistung	T7 = NV/IBA/EBA Frostschutzfühler (Option – für Nachheizregister vorverdrahtet)
AO4 = Ausgang 0–10 V für interne hydraulische Nachheizung (Option – vorverdrahtet)	T8 = Kühlregister Frostschutzsensor
DO3 = BYPASS OFFEN – PX (mit Stellantrieb) (vorverdrahtet)	IN1 = FEUERALARME
DO4 = BYPASS GESCHLOSSEN – PX (mit Stellantrieb) (vorverdrahtet)	IN2 = BOOST
DO5 = KLASPE 1 (mit oder ohne Federrückstellung; I _{max} = 0,5A DC) (Option – vorverdrahtet)	IN3 = Zwangssteuerung Bypass öffnen
DO6 = KLASPE 2 (mit oder ohne Federrückstellung; I _{max} = 0,5A DC) (Option – vorverdrahtet)	IN4 = Kontakt Kondensatwanne voll (nur für Reco-Boxx Flat Geräte mit Kondensatpumpe und optionale NHKR mit Kondensatpumpe (Reihenschaltung!))
DO7 = HEIZASGANG (open Kollektor; V _{max} =24 VDC; I _{max} =0,1 A)	K1: Luftvolumenstrom-MODUS = m³/h K1
DO8 = KÜHLASGANG (open Kollektor; V _{max} =24 VDC; I _{max} =0,1 A)	Bedarfs-/Drucksteuerung = START/STOPP
DO9 = ALARMAUSGANG (open Kollektor; V _{max} =24 VDC; I _{max} =0,1 A)	Drehmoment-MODUS = %Drehmoment K1
DO10 = AL dPA-AUSGANG (open Kollektor; V _{max} =24 VDC; I _{max} =0,1 A)	K2: Luftvolumenstromregelung = m³/h K2
DO11 = VENTILATOR AN-AUSGANG (open Kollektor; V _{max} =24 VDC; I _{max} =0,1 A)	Bedarfs-/Drucksteuerung = 0–10-V-EINGANG
ADI1 = BYPASS POS – PX RX Rotationsüberwachung (vorverdrahtet)	Drehmomentregelung = %Drehmoment K2
ADI2 = Abluftfilter dPa (Option)	K3: Luftvolumenstromregelung = m³/h K3
ADI3 = Abluftfilter dPa (Option)	Bedarfs-/Drucksteuerung = % BEI K3 oder 0–10-V-EINGANG
	Drehmomentregelung = %Drehmoment K3
F1 = VENTILATOR 1 (ZULUFT)	RJ1 = RJ12-Anschluss für Touchpanel TP Touch (Option)
F3 = VENTILATOR 3 (FORTLUFT)	RJ2 = RJ12-Anschluss für Modbus Druck-CP-Modus (Option)
	RJ3 = RJ12-Anschluss für DDM-Set zur Messung des Zuluft-Volumenstroms
SAT COM = SAT MODBUS oder SAT KNX oder SAT ETHERNET oder SAT WIFI – (Option)	RJ4 = RJ12-Anschluss für DDM-Set zur Messung des Fortluft-Volumenstroms und Tauscherdrucküberwachung (Option – vorverdrahtet)
SAT RELAIS: nur für Reco-Boxx Flat verwendet, dann vormontiert und vorverdrahtet	
SAT RELAIS OR1 – linearer Aktuator für Flat linearer Bypass-Aktuator – auf	GRÜNE LED AN = EINGESCHALTET
SAT RELAIS OR2 – linearer Aktuator für Flat linearer Bypass-Aktuator – zu	ROTE LED AN = ALARME
	+24 = +24 V DC (min.: +22 V DC; max.: +26 V DC). 0,8 A max
	+12 = +12 V DC (min.: +11,49 V DC; max.: +12,81 V DC). 0,3 A max.

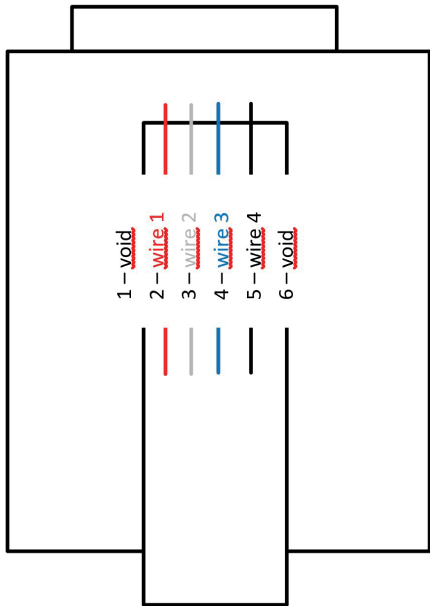


Touchpanel TP-Touch

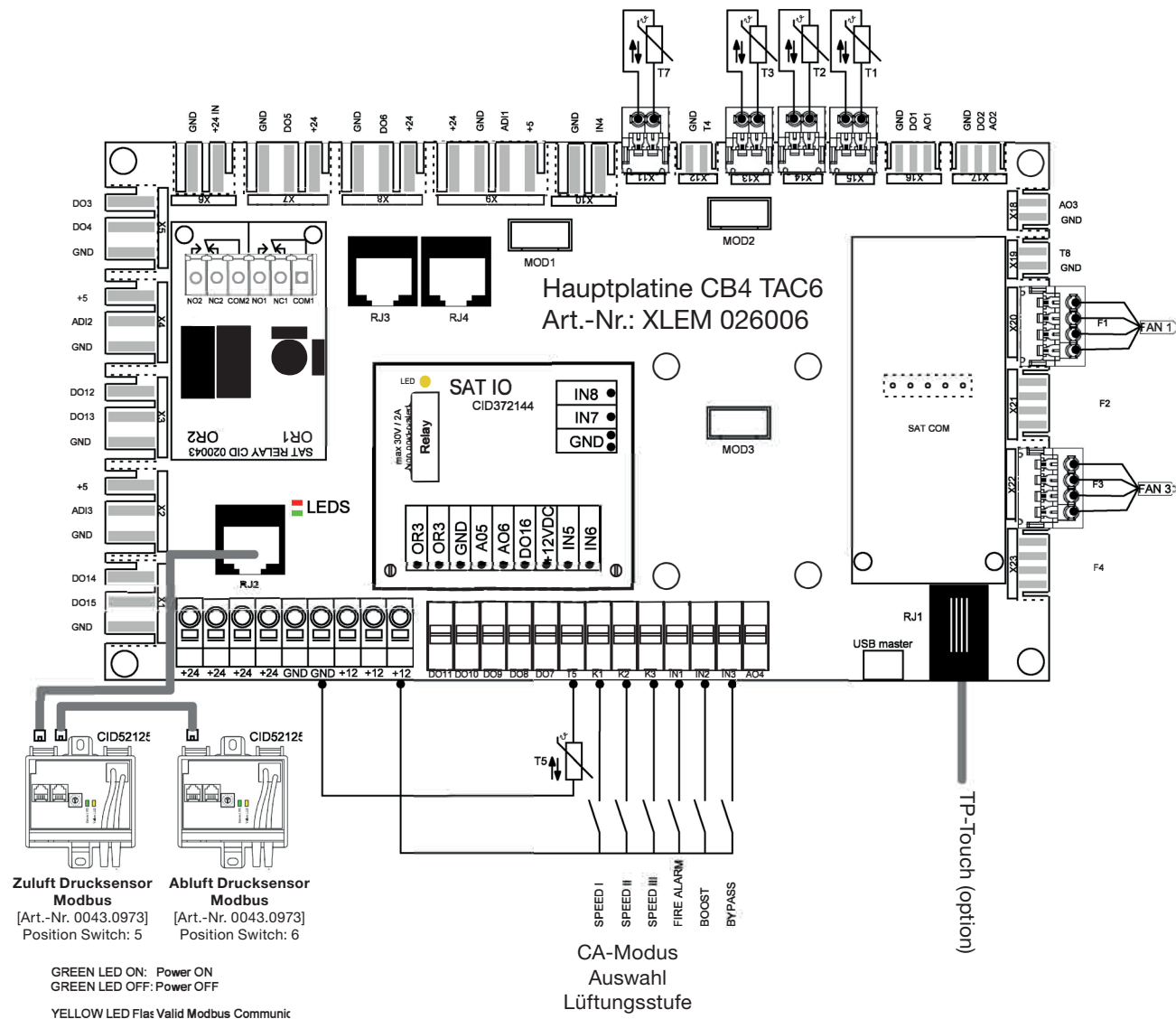
Verlängerung des Anschlusskabels

Wenn eine Verlängerung des Anschlusskabels notwendig ist, muss dies dem RS-485 Standard (Twisted-Pair Kabel) entsprechen. Das Kabel muss geschirmt sein. Kabelquerschnitt mind. 0,2 mm². Die maximale Länge darf 100 m nicht überschreiten. Das Kabel wird mit jeweils einem RJ12 Stecker am Kabelende 1:1 belegt.

PIN-Belegung siehe Abbildung (Farben sind nur ein Beispiel zur Zuordnung der Kabeladern):



Changes			Name	Date		Page
Name	Date	Draw.:	AEREX	01/03/2022		4
		check.:				
		Norm:			Application: Touchpanel TP-Touch	of 50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



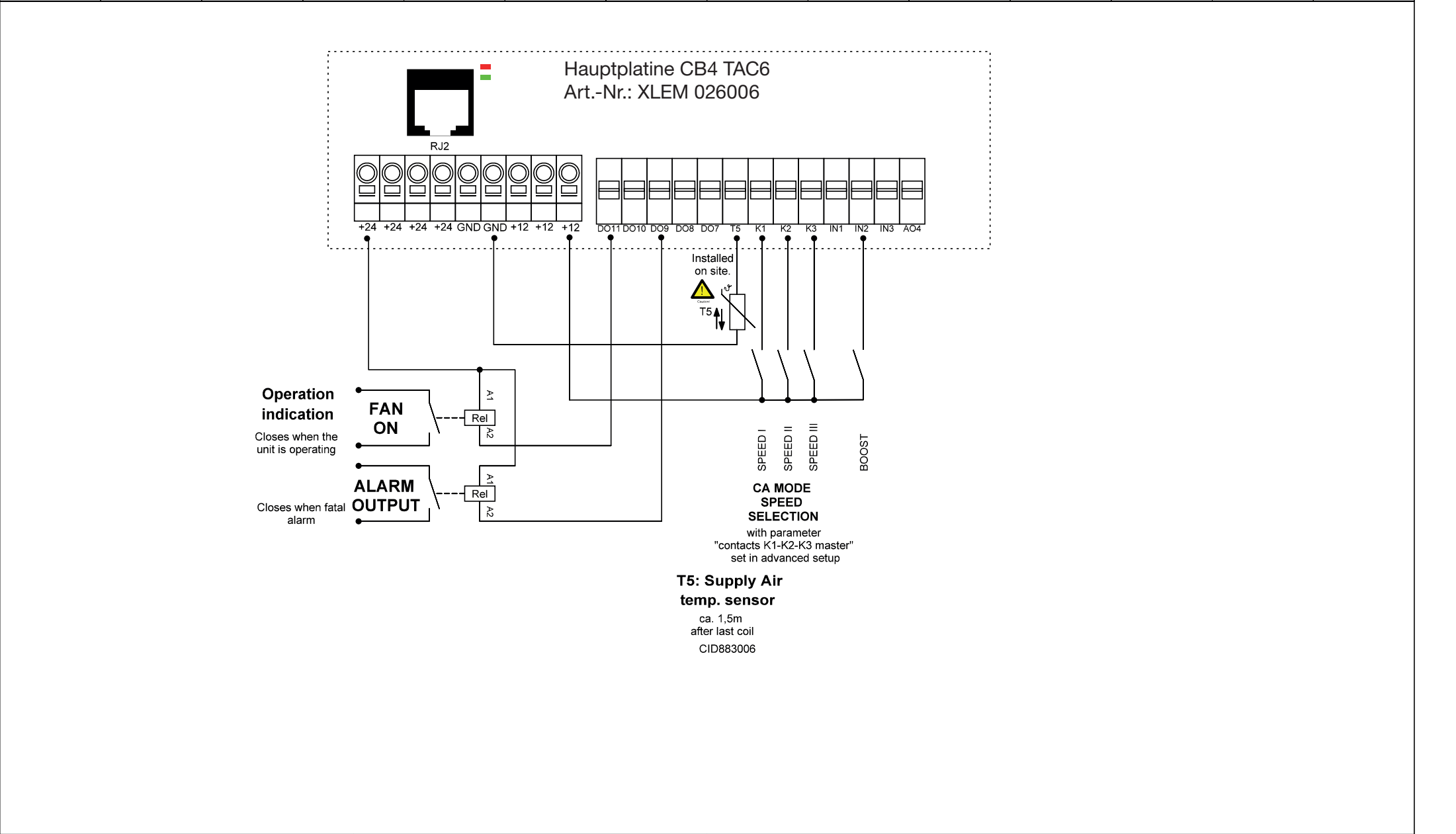
Modbus-Drucksensoren für CP-Modus (option)

Changes

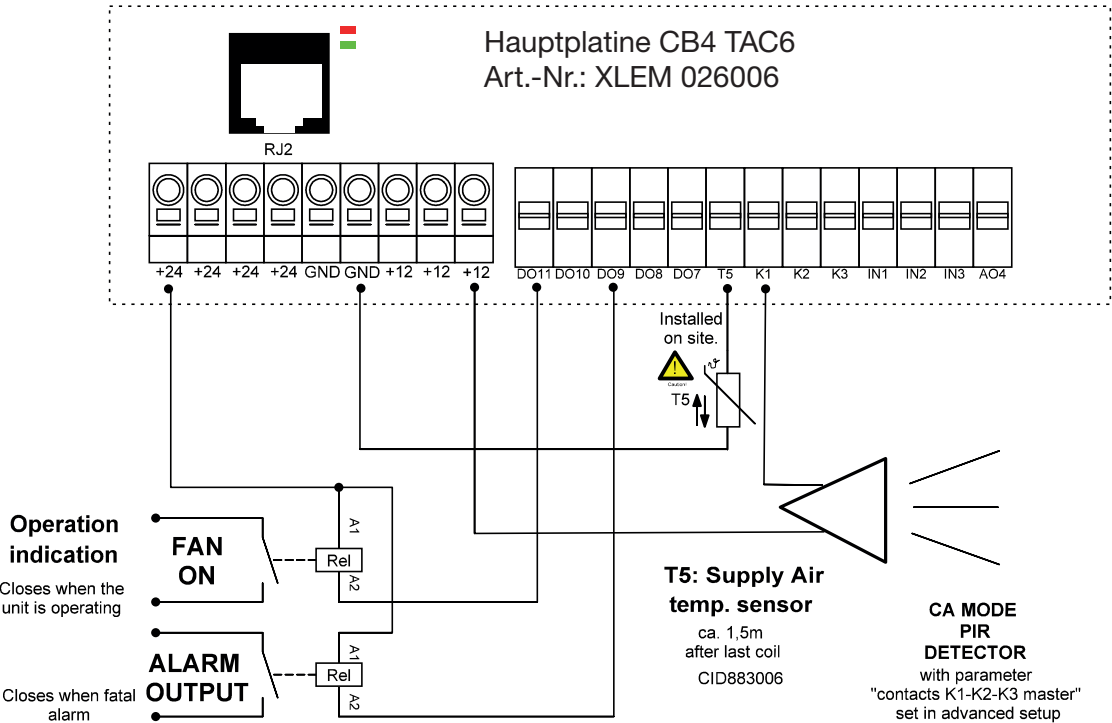
Name	Date	Draw.:	Name	Date	Page
		check.:	AEREX	01/03/2022	5
		Norm:			of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022				50

Application:

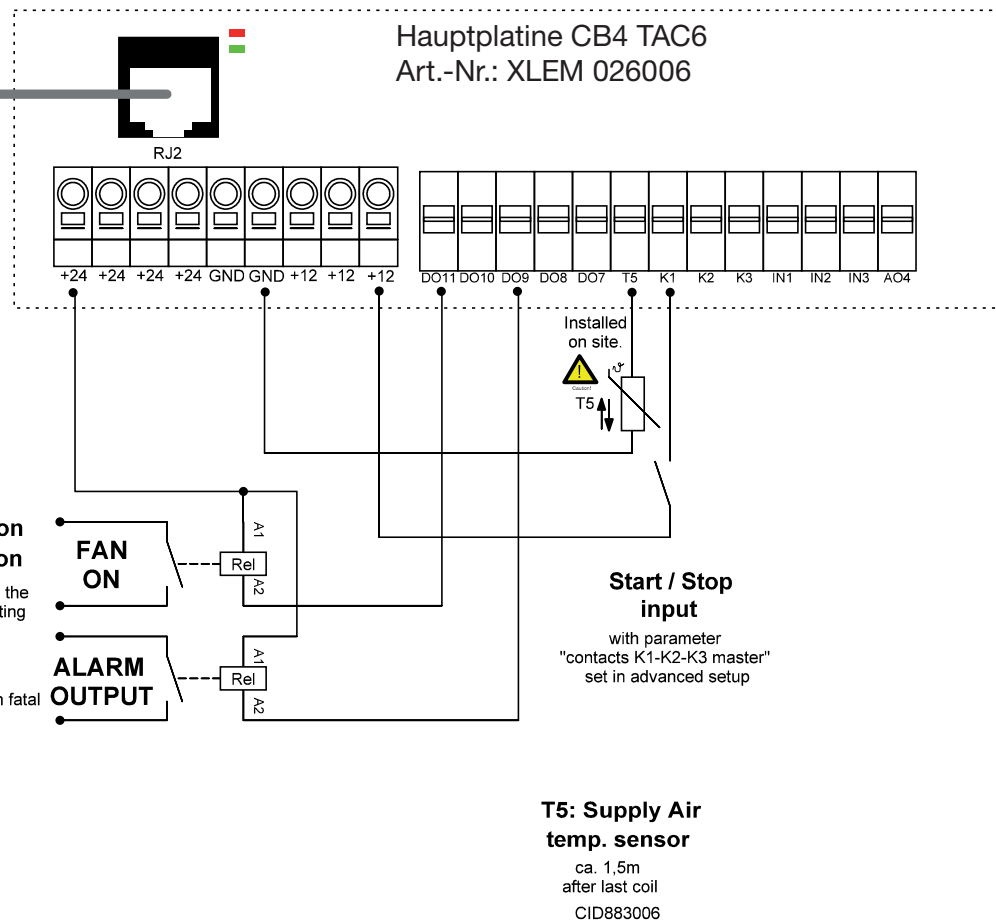
Hauptplatine CB4 TAC6



Changes			Name	Date	Configuration of function: Basic setup / Air flow regulation	Page
Name	Date	Draw.:	AEREX	01/03/2022		6
		check.:				
		Norm:			Application: Constant airflow	of 50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



Changes			Name	Date	Configuration of function: Basic setup / Air flow regulation	Page
Name	Date	Draw.:	AEREX	01/03/2022		7
		check.:				
		Norm:			Application: Constant airflow - PIR	of 50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



**Zuluft Drucksensor
Modbus**

[Art.-Nr. 0043.0973]
Position Switch: 5

**Abluft Drucksensor
Modbus**

[Art.-Nr. 0043.0973]
Position Switch: 6

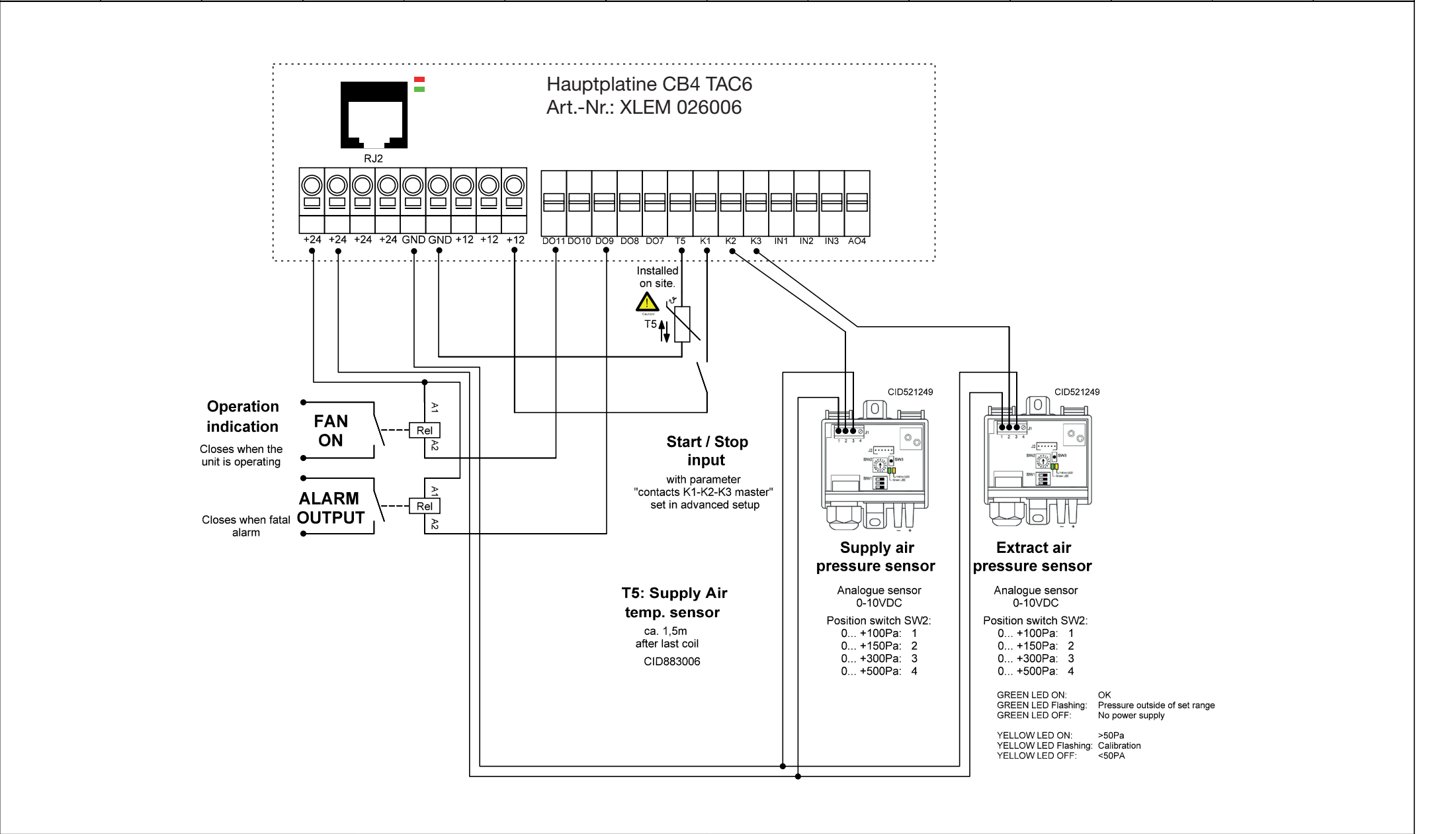
GREEN LED ON: Power ON
GREEN LED OFF: Power OFF

YELLOW LED Flashing: Valid Modbus Communication
YELLOW LED OFF: Invalid Modbus Communication

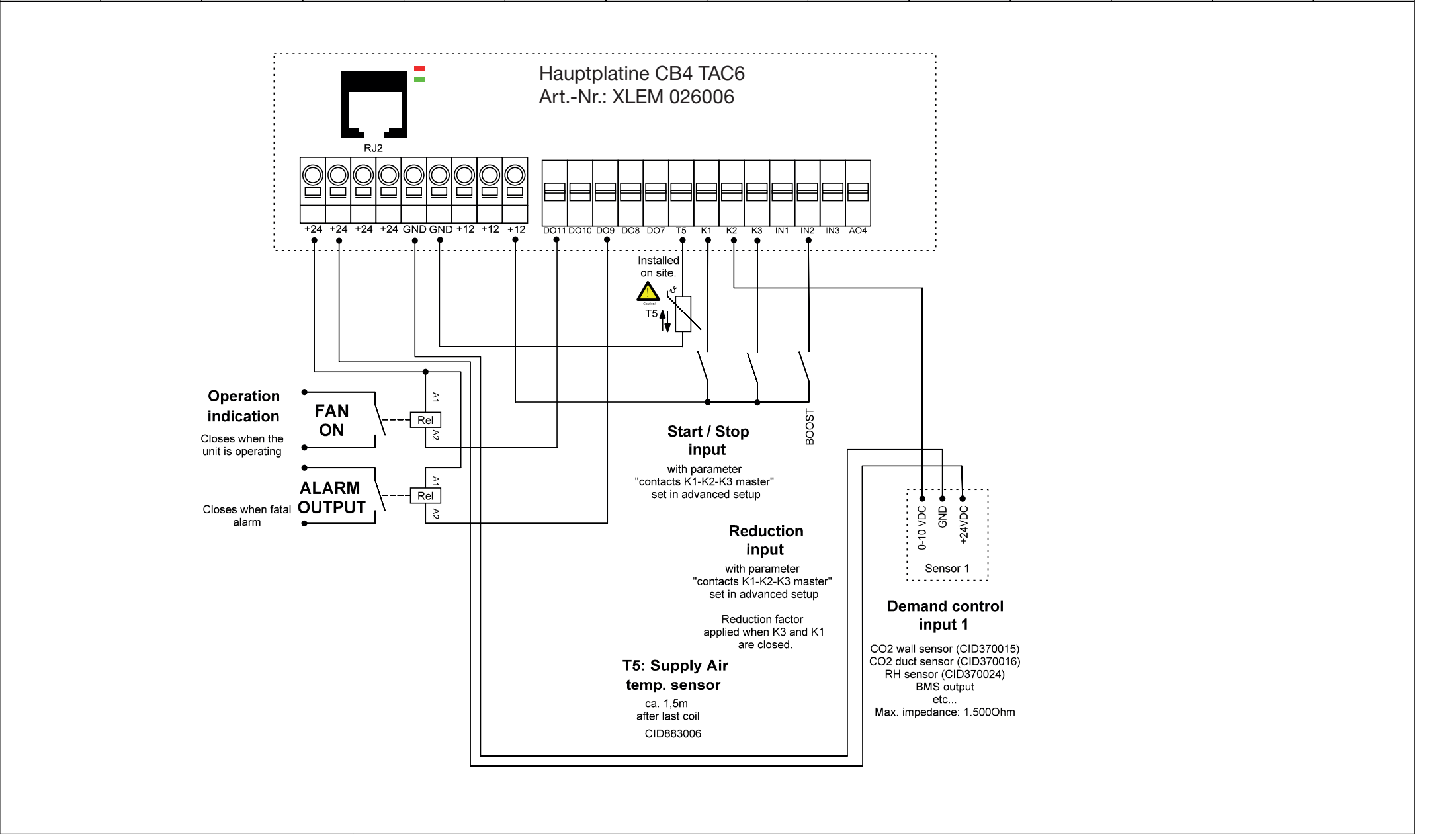
Modbus-Drucksensoren für CP-Modus (option)

Changes

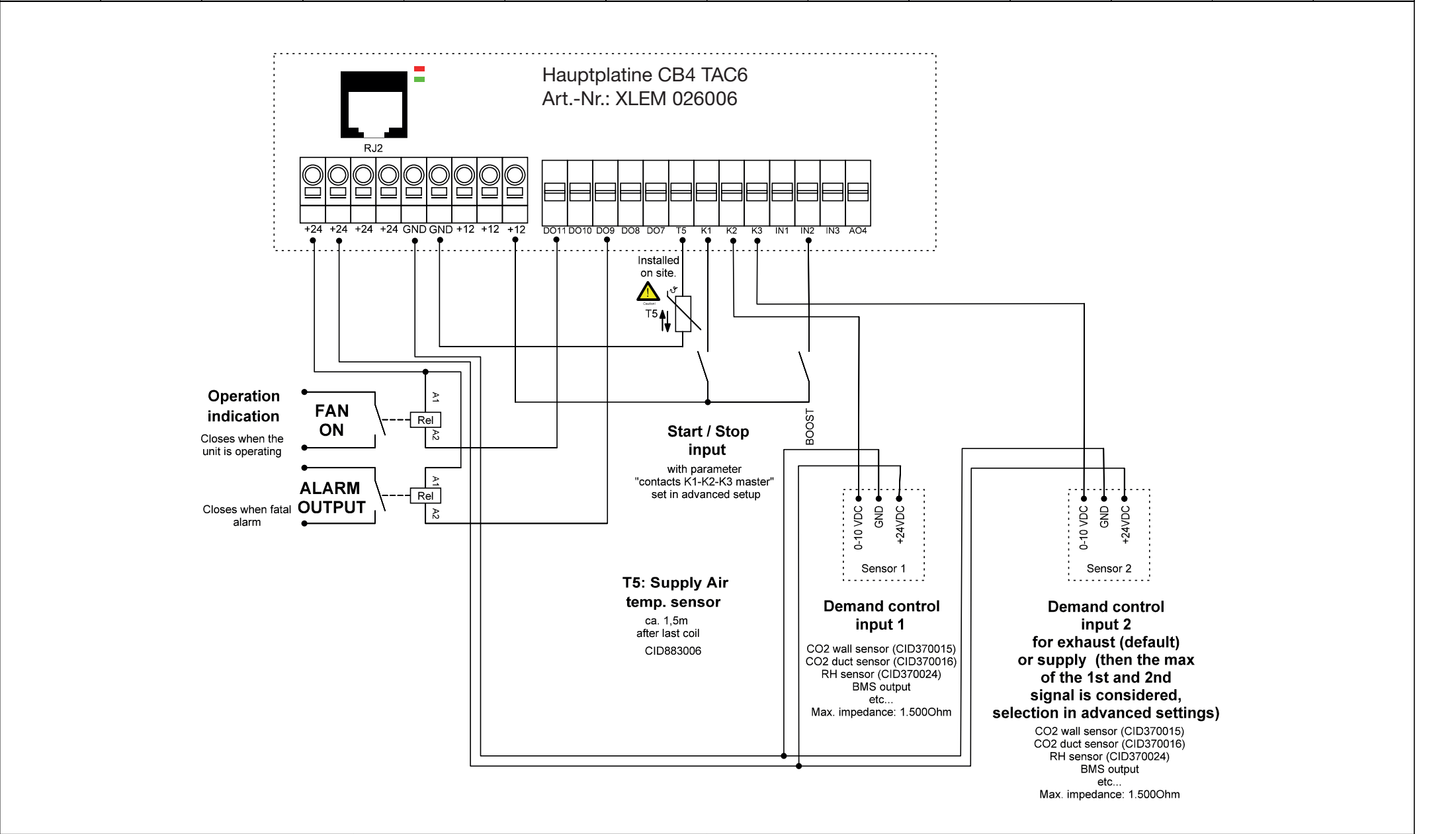
Name	Date	Draw.:	Name	Date	Configuration of function: Basic setup / Air flow regulation	Page
		check.:	AEREX	01/03/2022		8
		Norm:			Application: Constant pressure Modbus	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					50



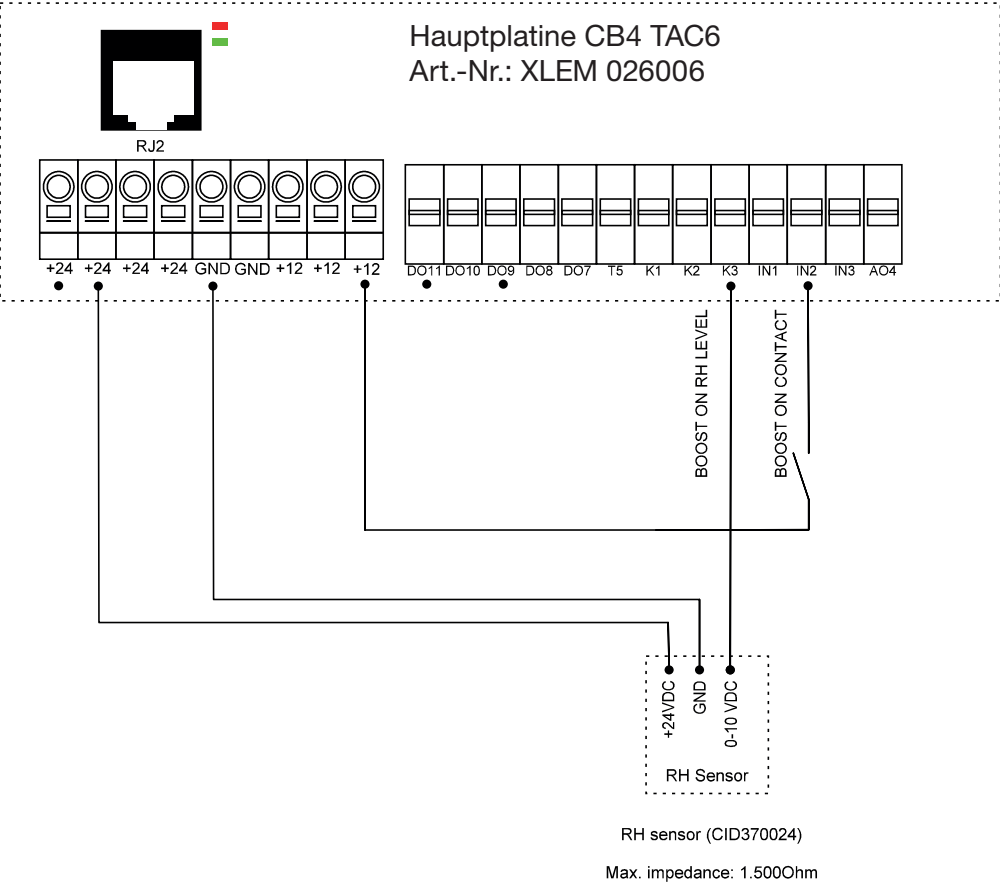
Changes			Name	Date	Configuration of function: Basic setup / Air flow regulation	Page
Name	Date	Draw.:	AEREX	01/03/2022		10
		check.:			Application: Constant pressure 2x 0-10V	of
		Norm:				50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



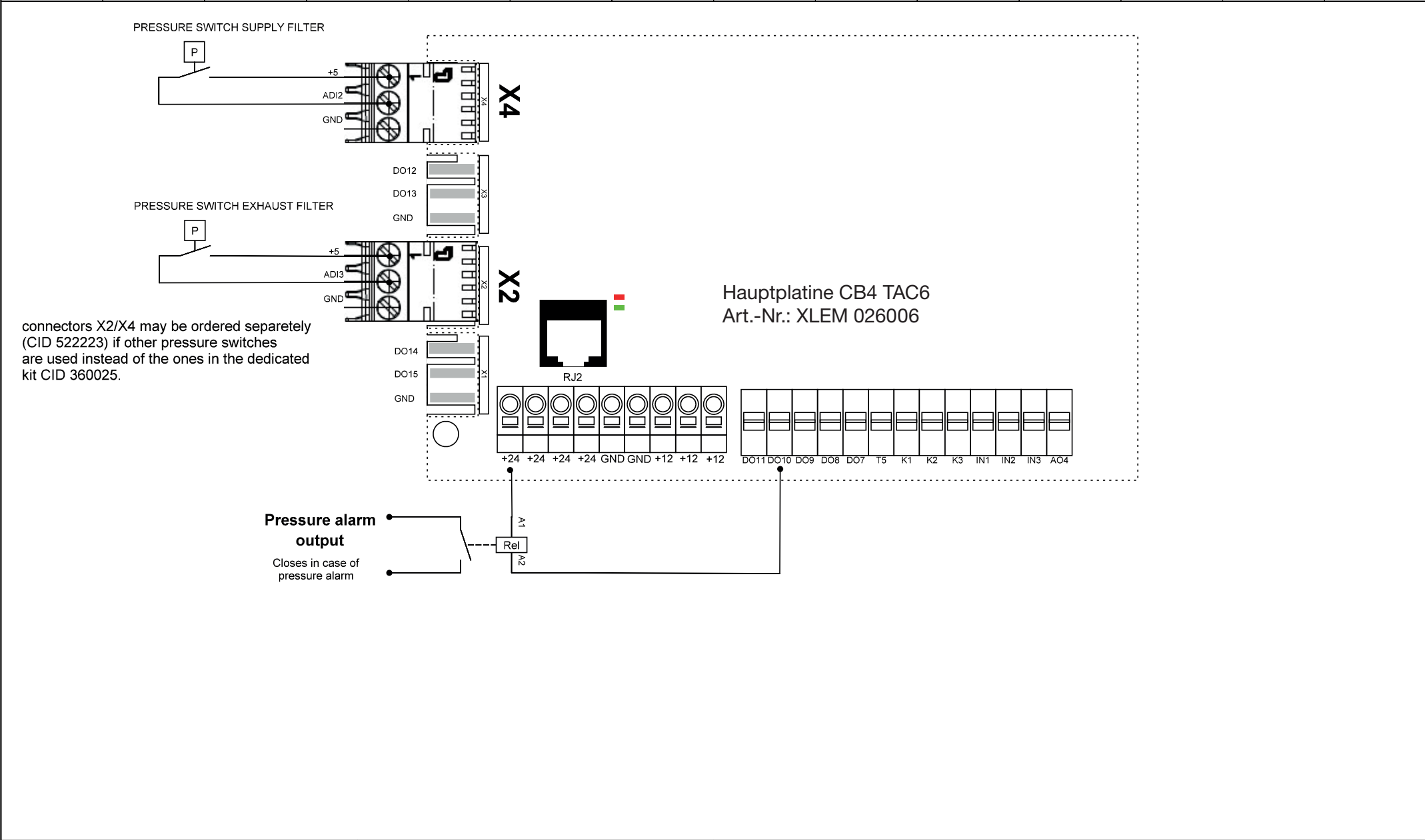
Changes			Name	Date	Configuration of function: Basic setup / Air flow regulation / Demand control	Page
Name	Date	Draw.:	AEREX	01/03/2022		11
		check.:				
		Norm:			Application: Demand control 1x 0-10V	of 50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



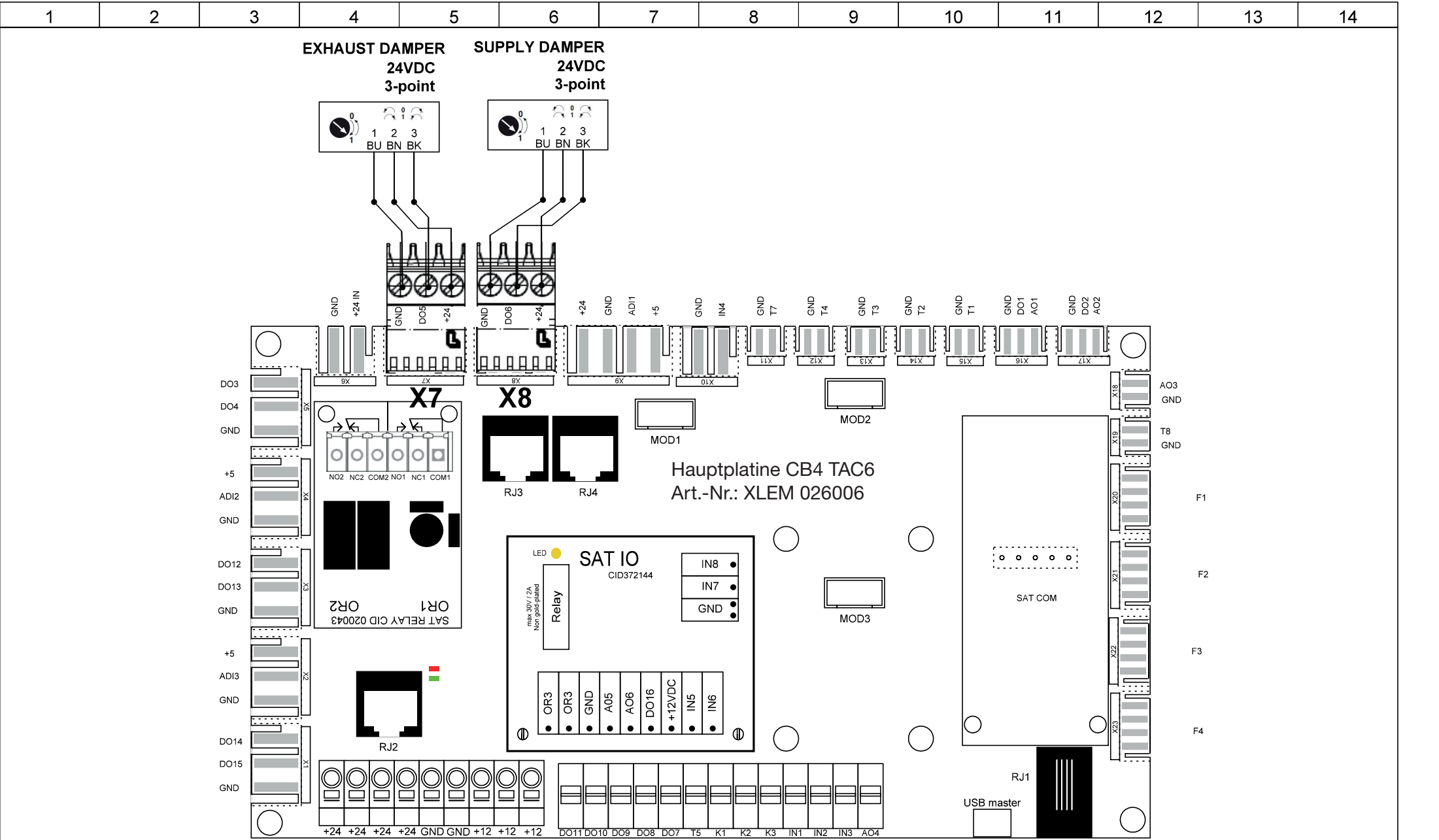
Changes			Name	Date	Configuration of function: Basic setup / Air flow regulation / Demand control	Page
Name	Date	Draw.:	AEREX	01/03/2022		12
		check.:				
		Norm:			Application: Demand control 2x 0-10V	of 50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



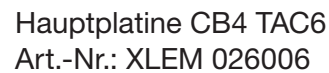
Changes			Name	Date	Configuration of function: Advanced setup / BOOST	Page
Name	Date	Draw.:	AEREX	01/03/2022		13
		check.:				
		Norm:				Application: BOOST
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					of 50



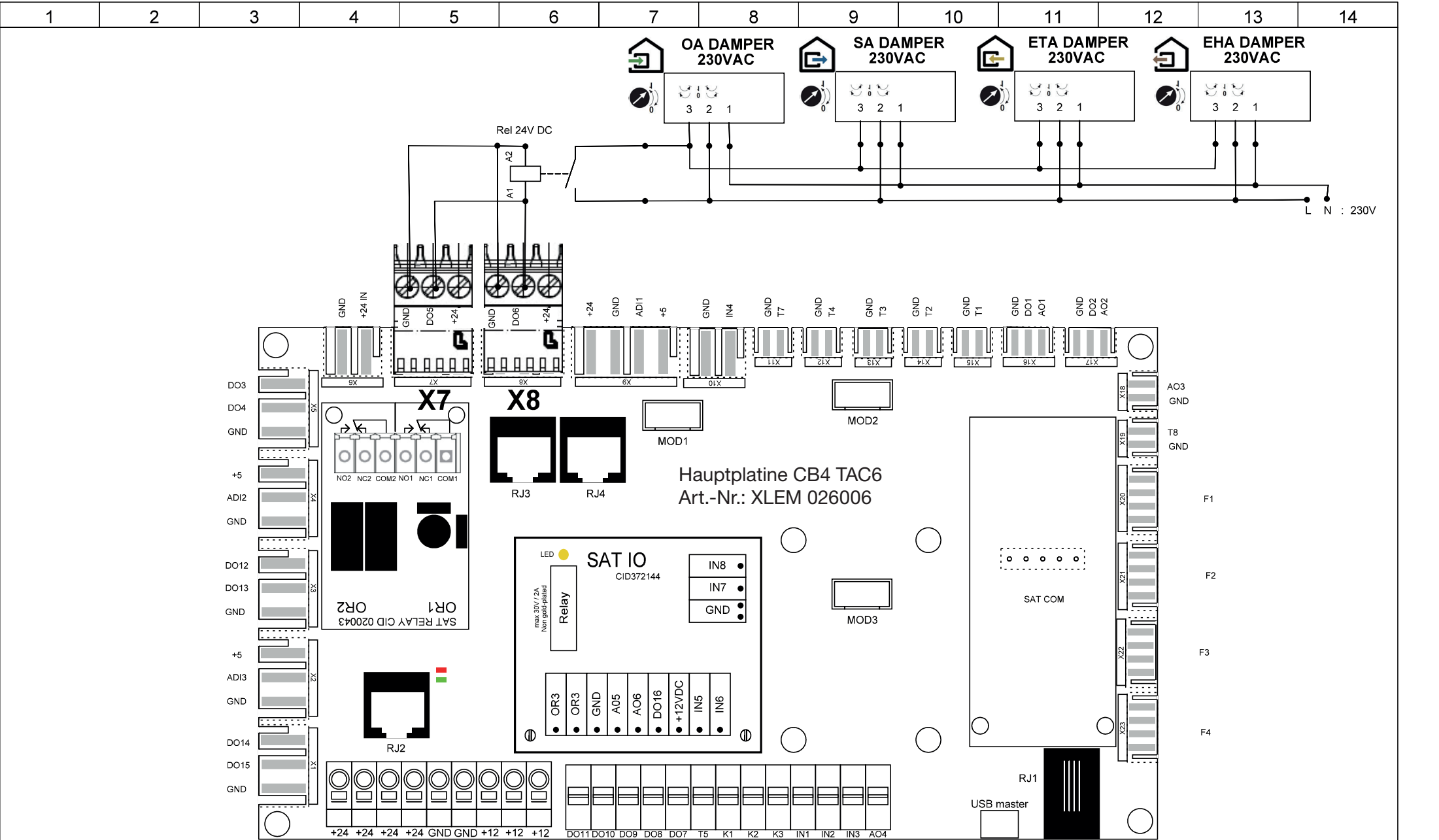
Changes			Name	Date	Configuration of function:	Page
Name	Date	Draw.:	AEREX	01/03/2022		14
		check.:				
		Norm:				of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022				Application: Filters alarm	50



Changes			Name	Date	Configuration of function: Basic setup	Page
Name	Date	Draw.:	AEREX	01/03/2022		15
		check.:			Application: Motorised damper - standard	of 50
		Norm:				
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



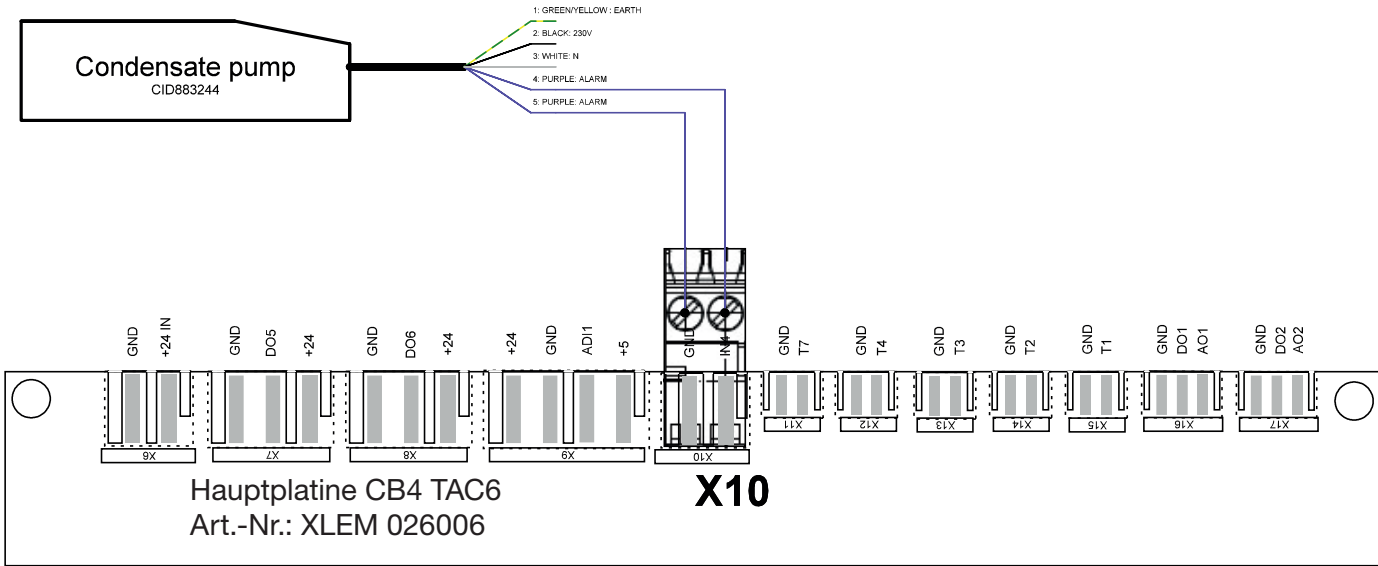
Changes			Name	Date	Configuration of function: Basic setup	Page
Name	Date	Draw.:	AEREX	01/03/2022		16
		check.:				
		Norm:			Application:	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022				Motorised damper - spring ret	50



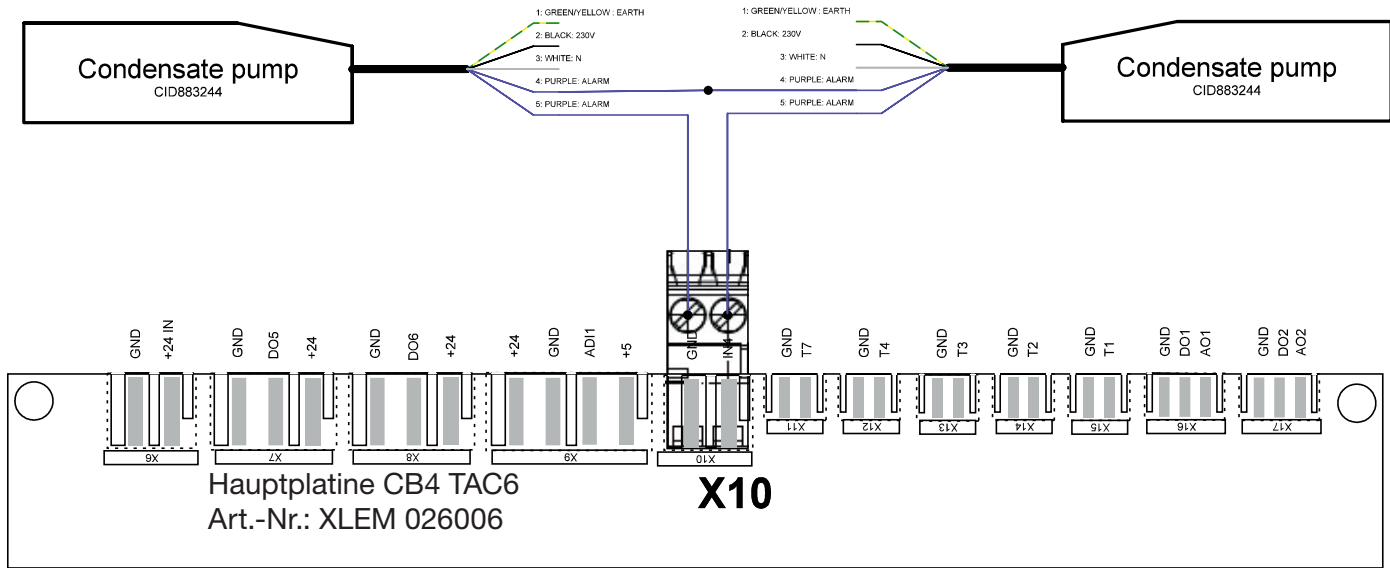
Changes		Name	Date	Configuration of function:	Page
Name	Date	Draw.: AEREX	01/03/2022	Basic setup dampers move simultaneously in same direction (they all close or all open)	17
		check.:			
		Norm:		Application:	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022			Motorised damper - 230 V AC	50

1 device with drain pump
(GLOBAL LP or postcooling coil)

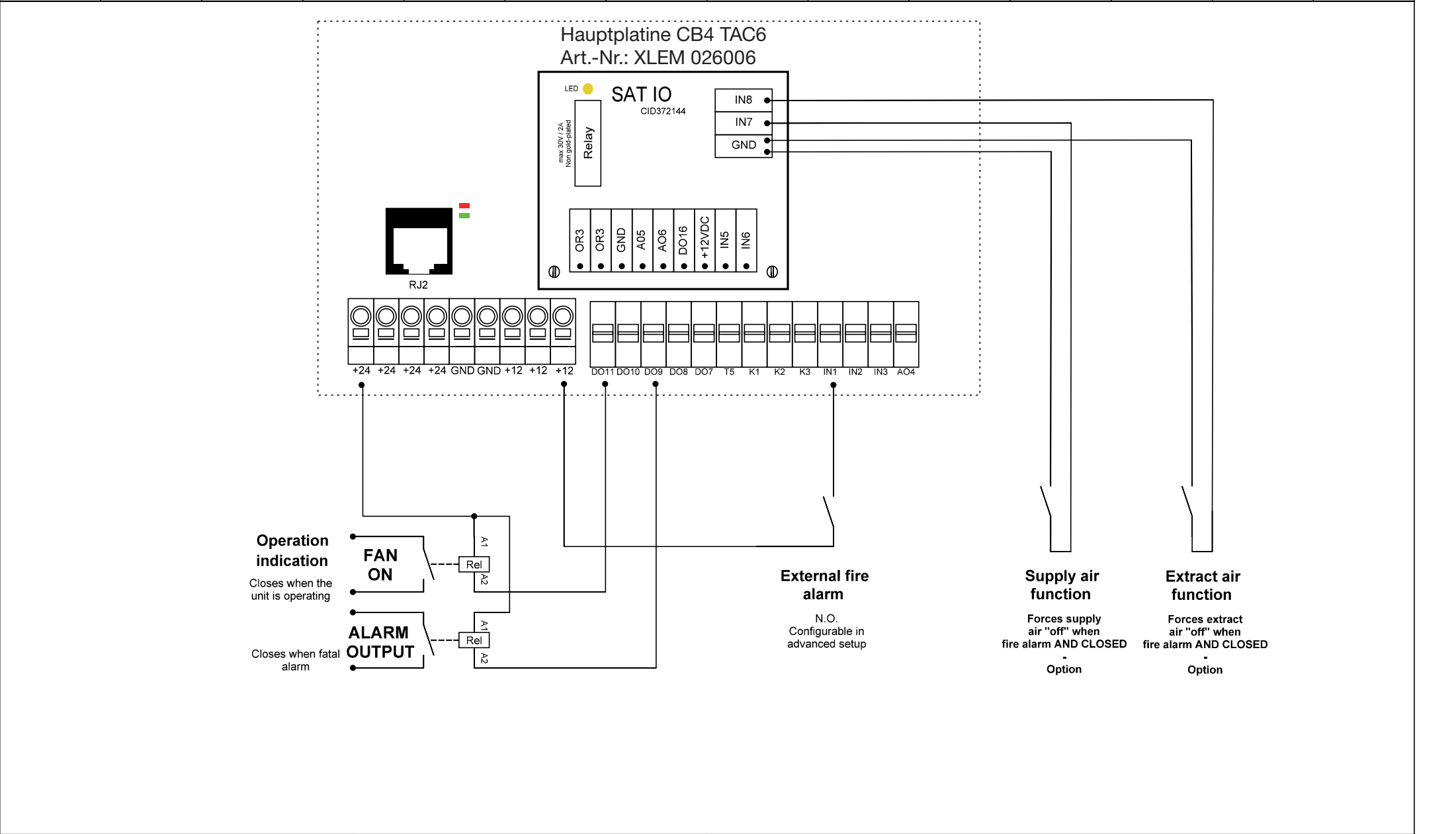
The condensate pump contains an internal sensor that will automatically start the pump when the water level rises above approx. 15 mm and stop the pump when the water level has fallen to approx. 5 mm. The condensate pump is also fitted with a high water level alarm that will operate the alarm relay if the water level rises above approx. 25 mm. The pump will continue to run until the minimum water level is reached and the alarm will reset.



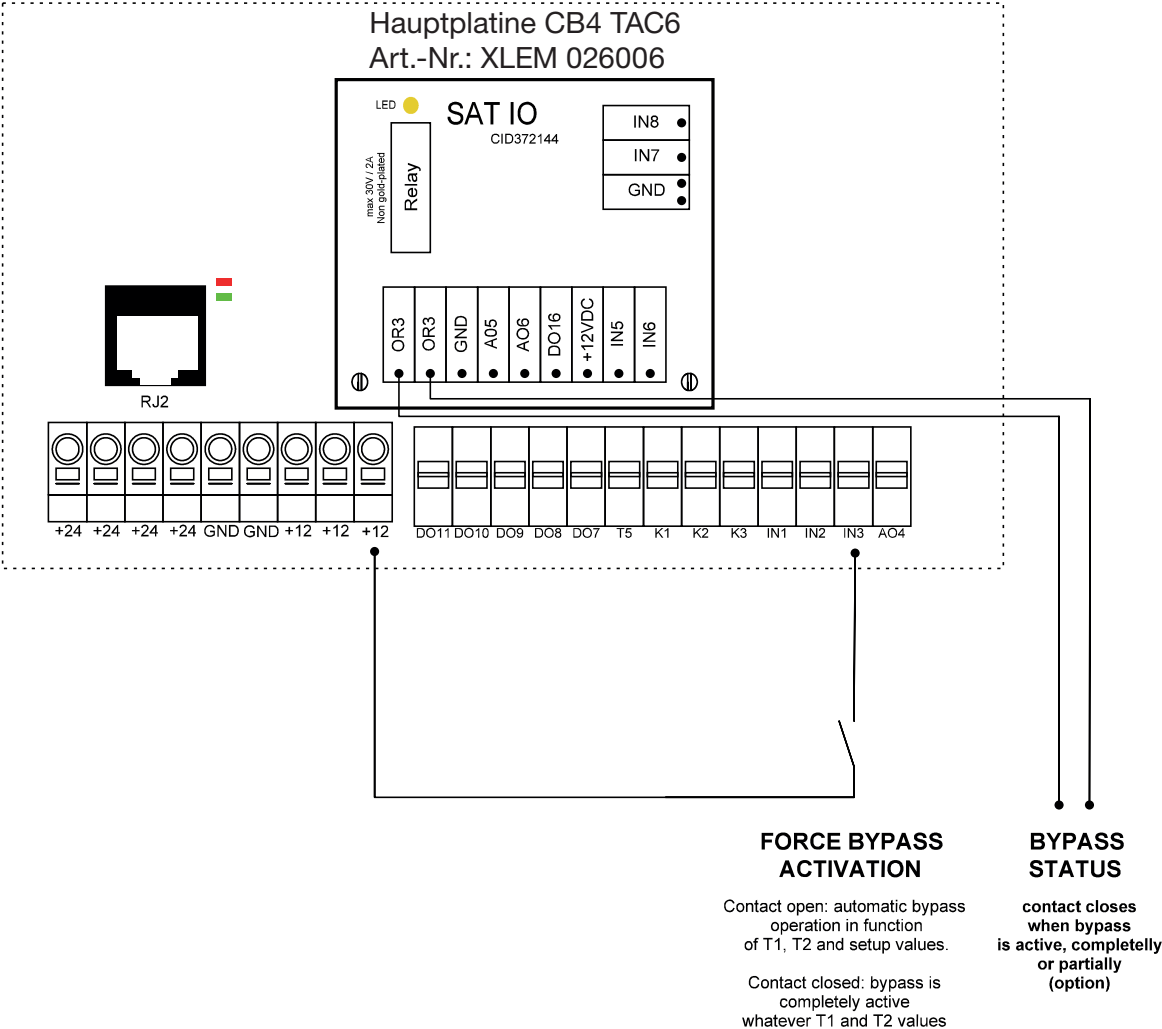
2 devices with drain pump
(GLOBAL LP and postcooling coil)



Changes			Name	Date	Application: Condense pump	Page
Name	Date	Draw.:	AEREX	01/03/2022		18
		check.:				
		Norm:				of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					50



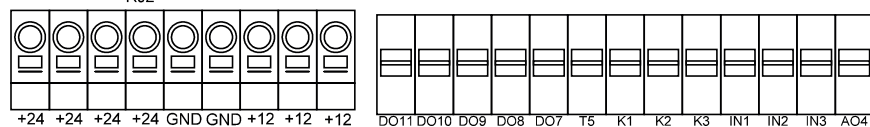
Changes			Name	Date	Configuration of function: Basic setup/Fire alarm	Page
Name	Date	Draw.:	AEREX	01/03/2022		19
		check.:			Application: Fire alarm	of 50
		Norm:				
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



Hauptplatine CB4 TAC6
Art.-Nr.: XLEM 026006

X11

RJ2



Heating demand
output
Closes on
Heating load

Rel

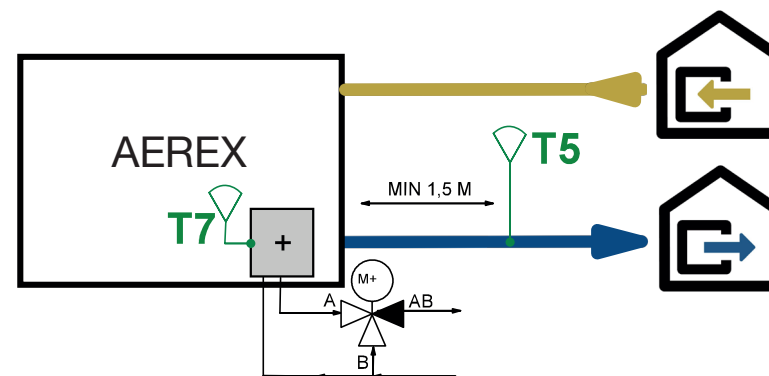
**T5: Supply Air
temp. sensor**
ca. 1,5m
after last coil
CID883006



blue GND
red 0-10 V
brown +24V

To be
insulated!

**Heating
Valve**
Internal
heating coil



Changes

Name	Date	Draw.:	Name	Date
		check.:	AEREX	01/03/2022
		Norm:		
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022			

Configuration of function:

Advanced setup / External coils & Internal coils

Application:

Int. heating coil

Page

21

of

50



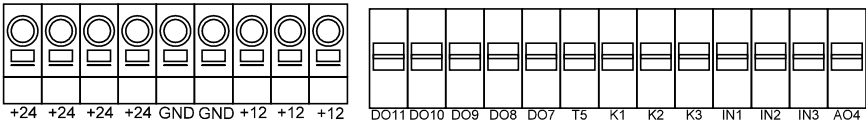
3 WV Anschlusskabel	M
GELB	ROT (0–10 V)
BRAUN	BRAUN (+24 V)
BLAU & GRÜN	BLAU (GND)
WEISS ZU ISOLIEREN	

Changes			Name	Date	Configuration of function: Advanced setup / External coils & Internal coils	Page
Name	Date	Draw.:	AEREX	01/03/2022		22
		check.:				
		Norm:			Application:	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022				Int. heating & Ext. cooling	50

Hauptplatine CB4 TAC6
Art.-Nr.: XLEM 026006

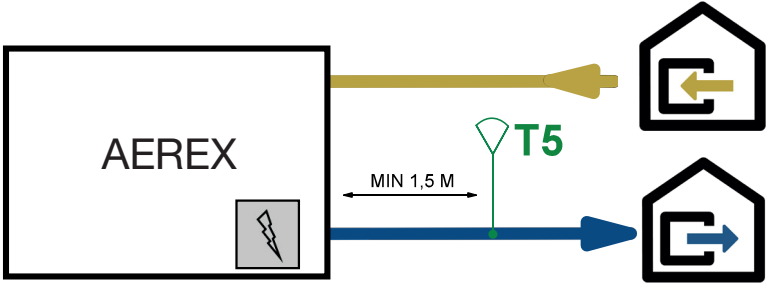


RJ2



**T5: Supply Air
temp. sensor**
ca. 1,5m
after last coil
CID883006

**Heating demand
output**
Closes on
Heating load
(if automatic
change over)

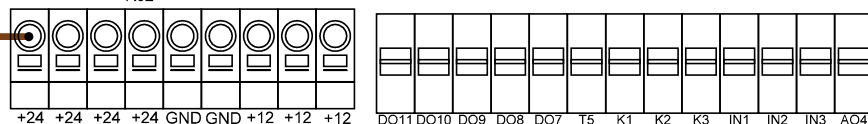


Changes			Name	Date	Configuration of function: Advanced setup / External coils & Internal coils	Page
Name	Date	Draw.:	AEREX	01/03/2022		23
		check.:			Application: Int. elec heating	of 50
		Norm:				
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					

Hauptplatine CB4 TAC6
Art.-Nr.: XLEM 026006



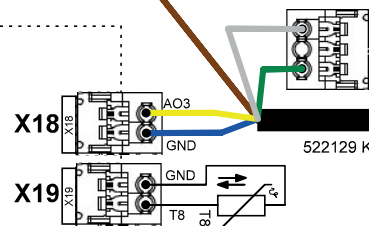
RJ2



Cooling demand output
Closes on Cooling load

Heating demand output
Closes on Heating load
(if automatic change over)

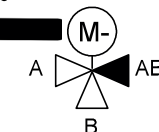
T5: Supply Air temp. sensor
ca. 1,5m
after last coil
CID883006



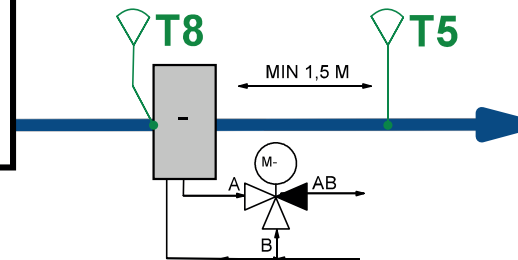
zu isolieren



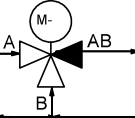
zu isolieren



3 WV Anschlusskabel	M
GELB	ROT (0-10 V)
BRAUN	BRAUN (+24 V)
BLAU & GRÜN	BLAU (GND)
WEISS ZU ISOLIEREN	



MIN 1,5 M



Changes

Name

Date

Configuration of function:

Page

Name

Date

Draw.:

AEREX

01/03/2022

Advanced setup / External coils & Internal coils

24

check.:

Norm:

Application:

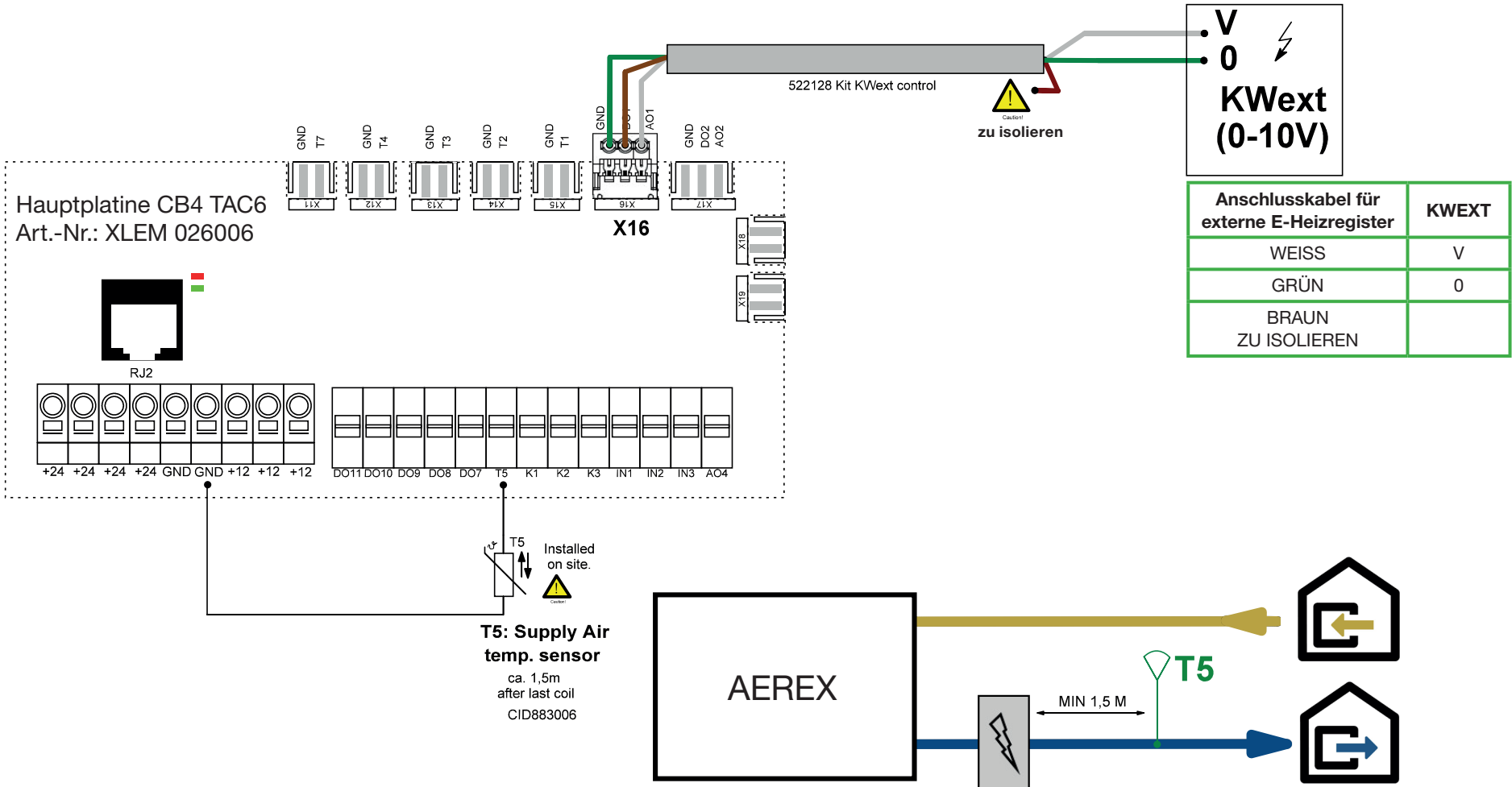
Int. elec heating & Ext. cool

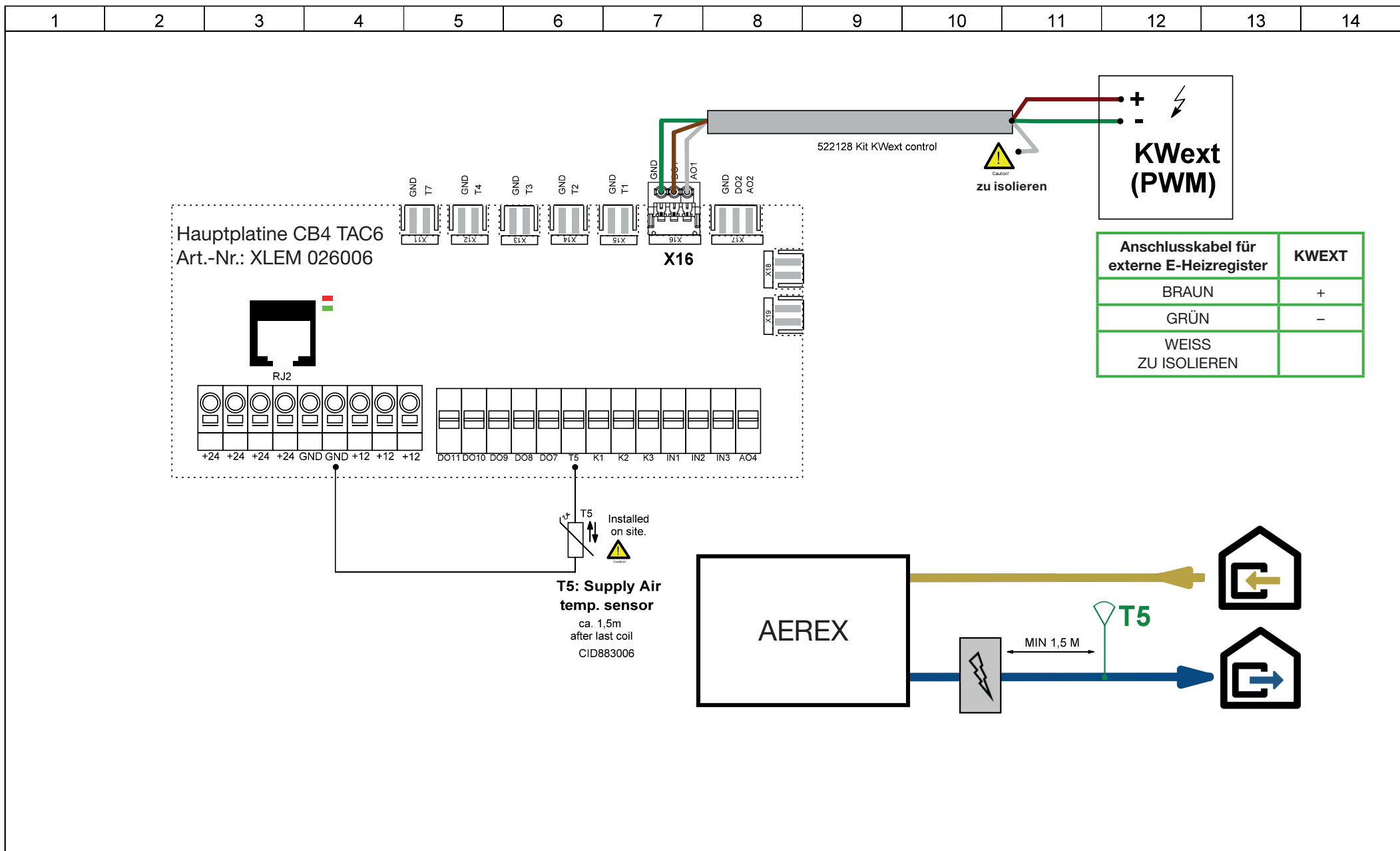
of

50

Subject:

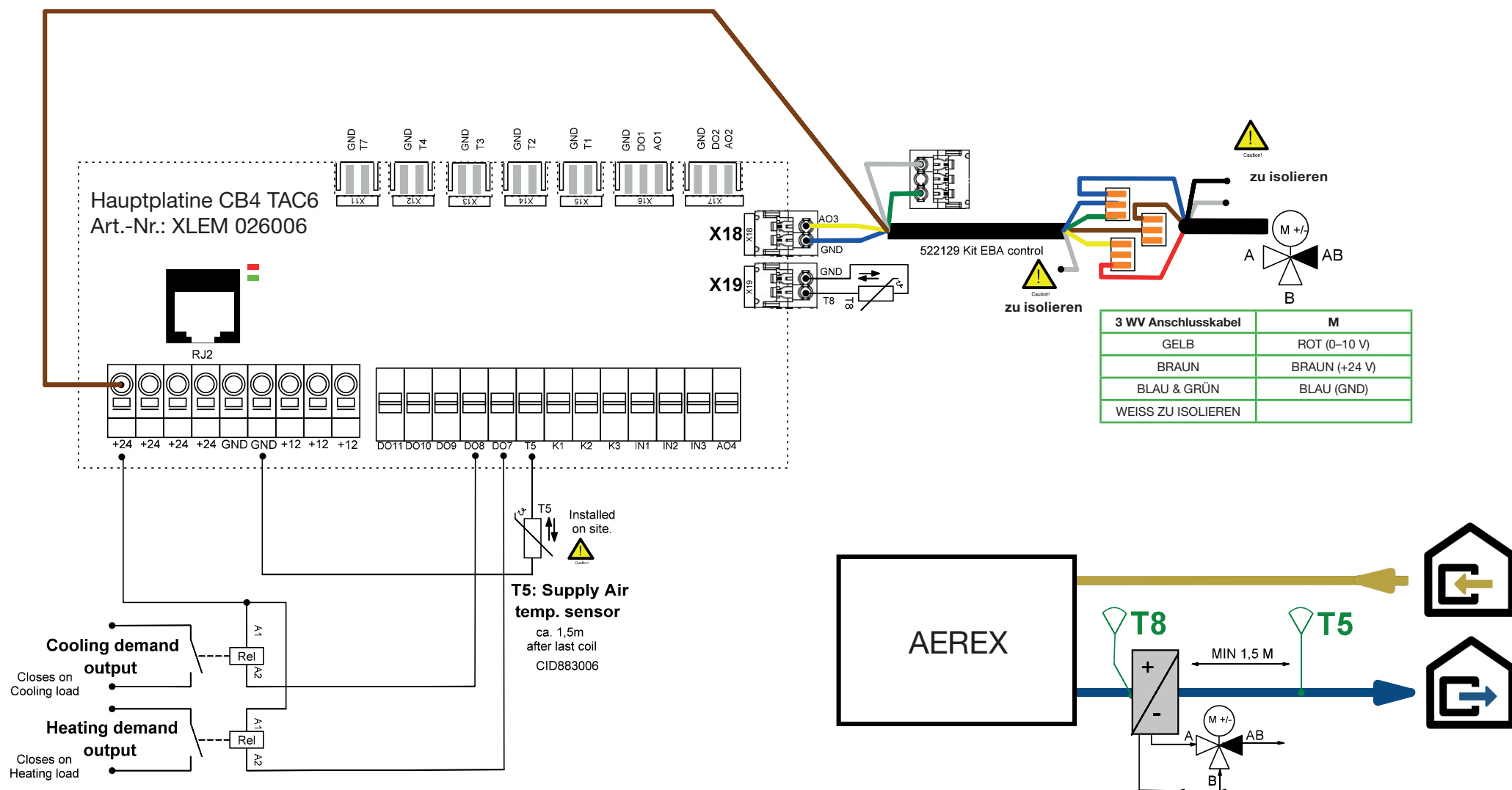
Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022





Changes			Name	Date	Configuration of function: Advanced setup / External coils / Electric (PWM)	Page
Name	Date	Draw.:	AEREX	01/03/2022		26
		check.:			Application: External elec. heating PWM	of
		Norm:				50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					

+



Changes

Name

Date

Configuration of function:

Page

Name

Date

Draw.:

AEREX

01/03/2022

Advanced setup / External coils / Reversible

28

check.:

Application:

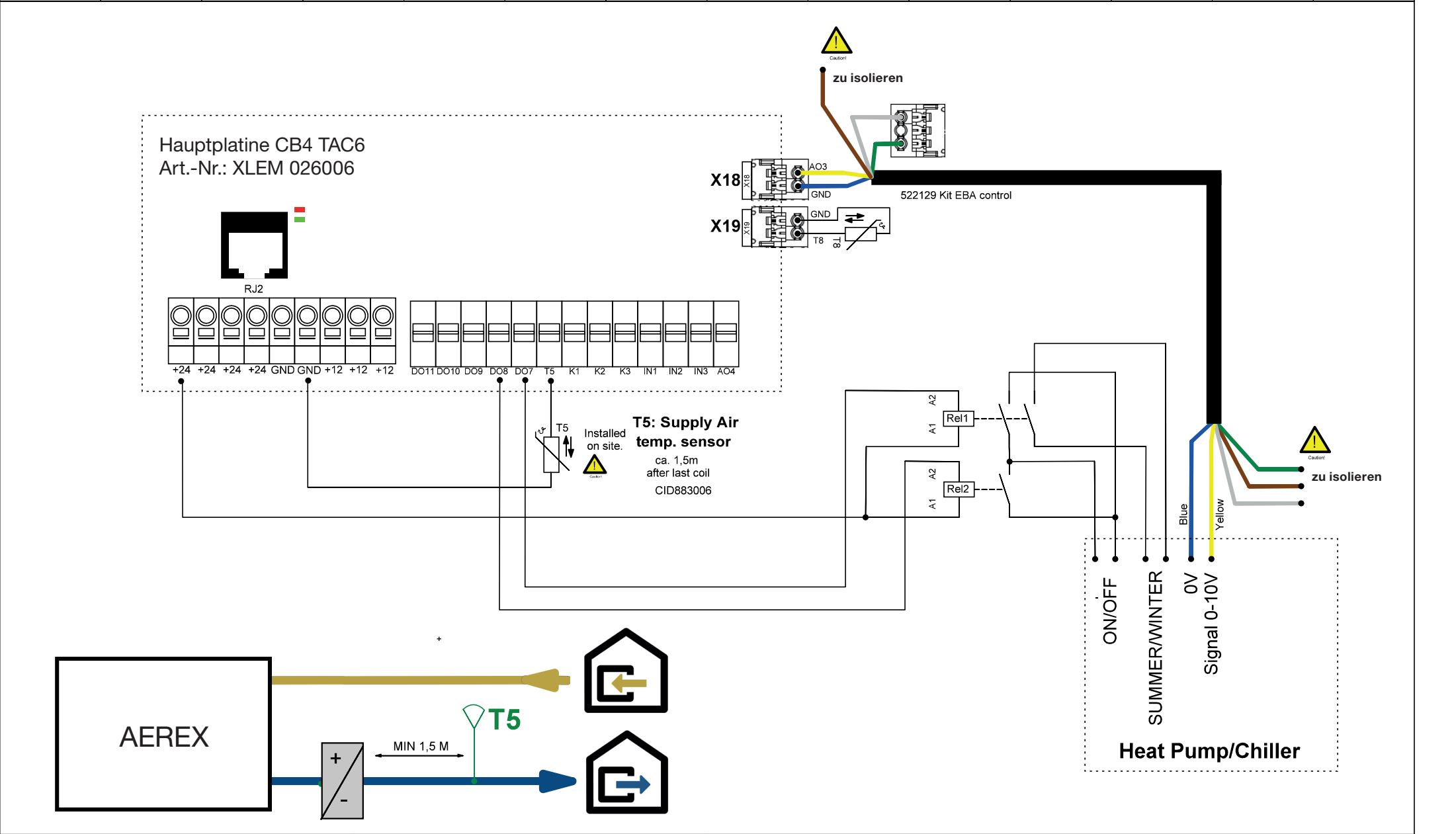
of

Subject:

Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022

Reversible battery

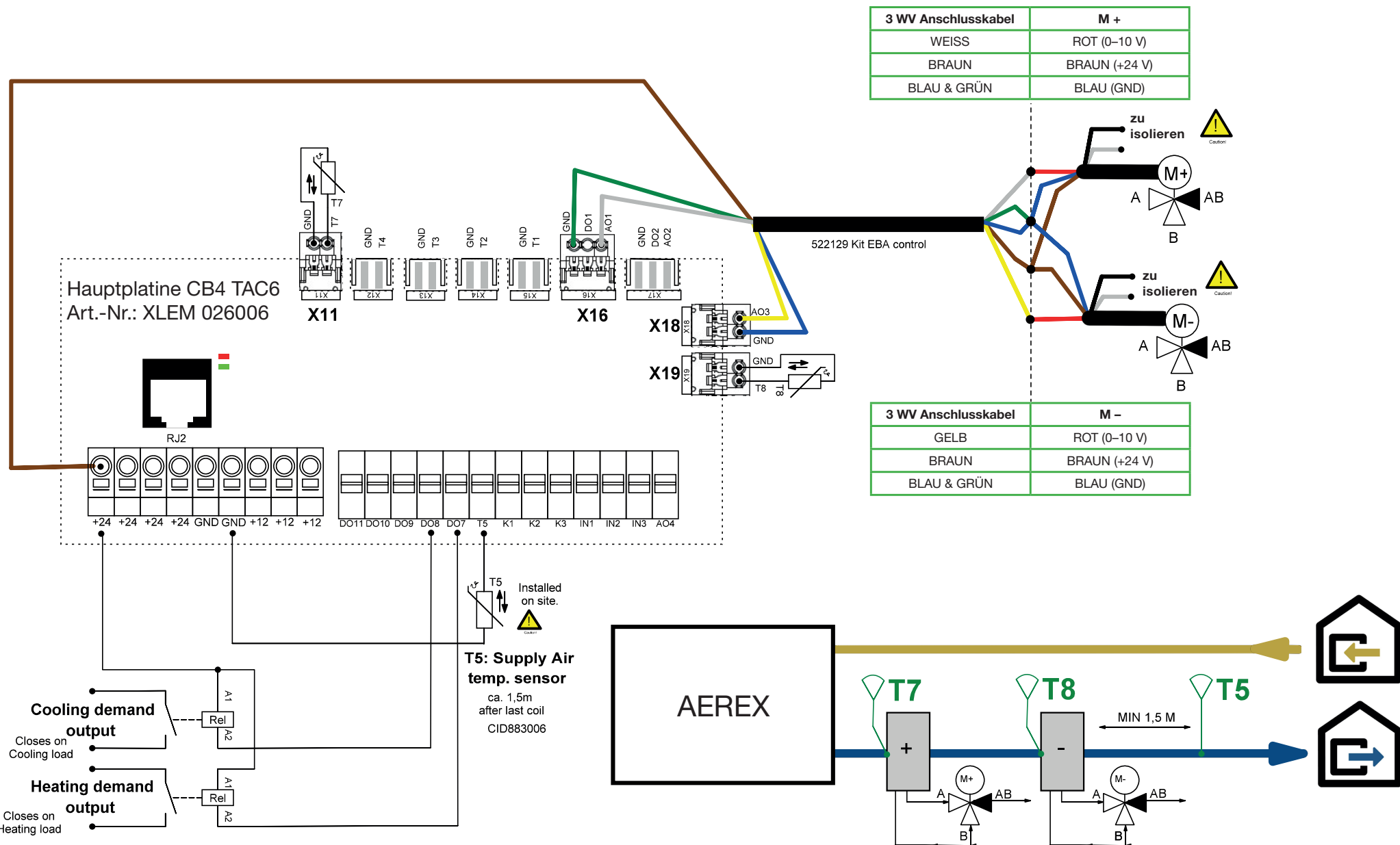
50



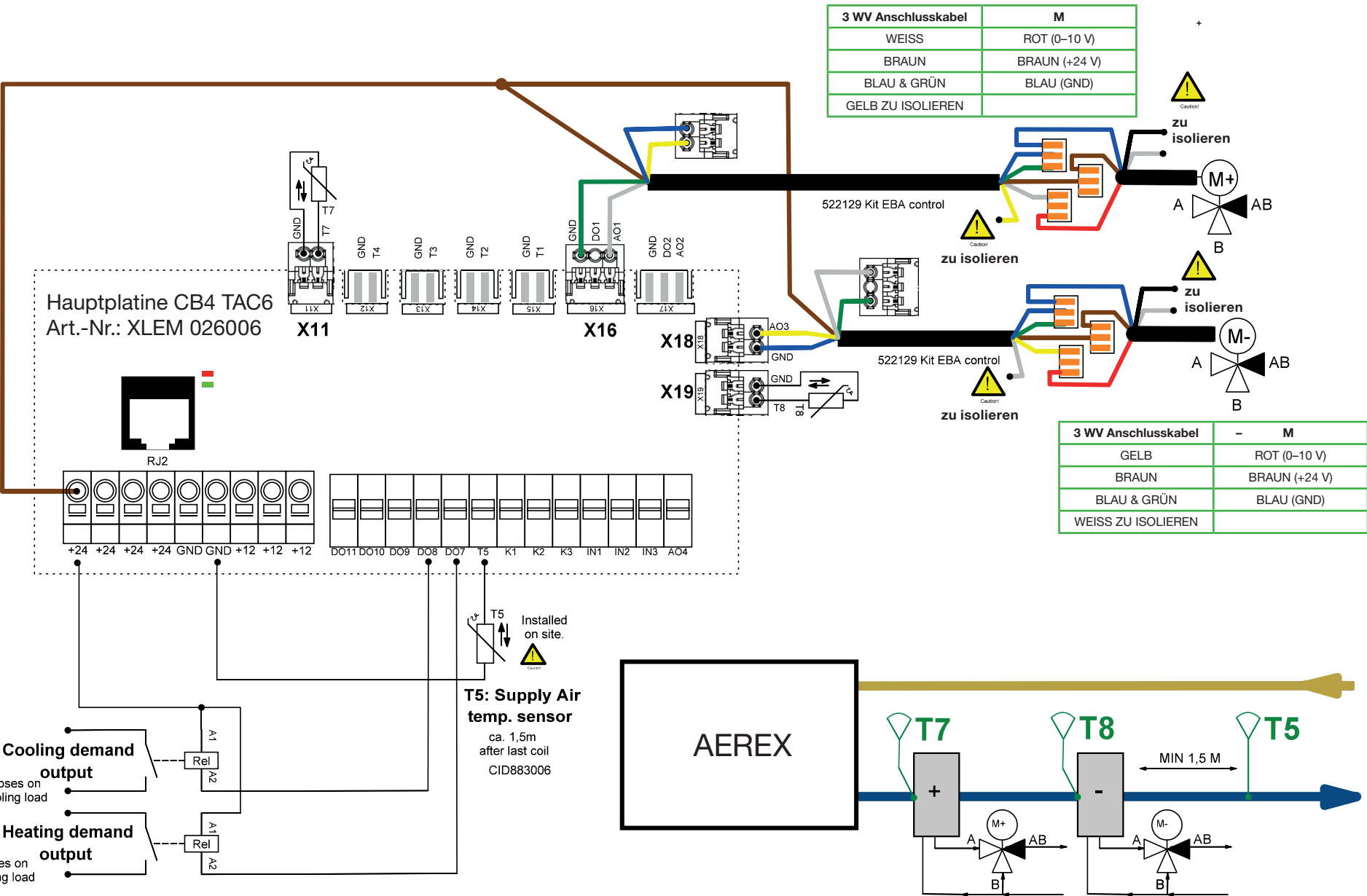


3 WV Anschlusskabel	M
WEISS	ROT (0–10 V)
BRAUN	BRAUN (+24 V)
BLAU & GRÜN	BLAU (GND)
GELB ZU ISOLIEREN	

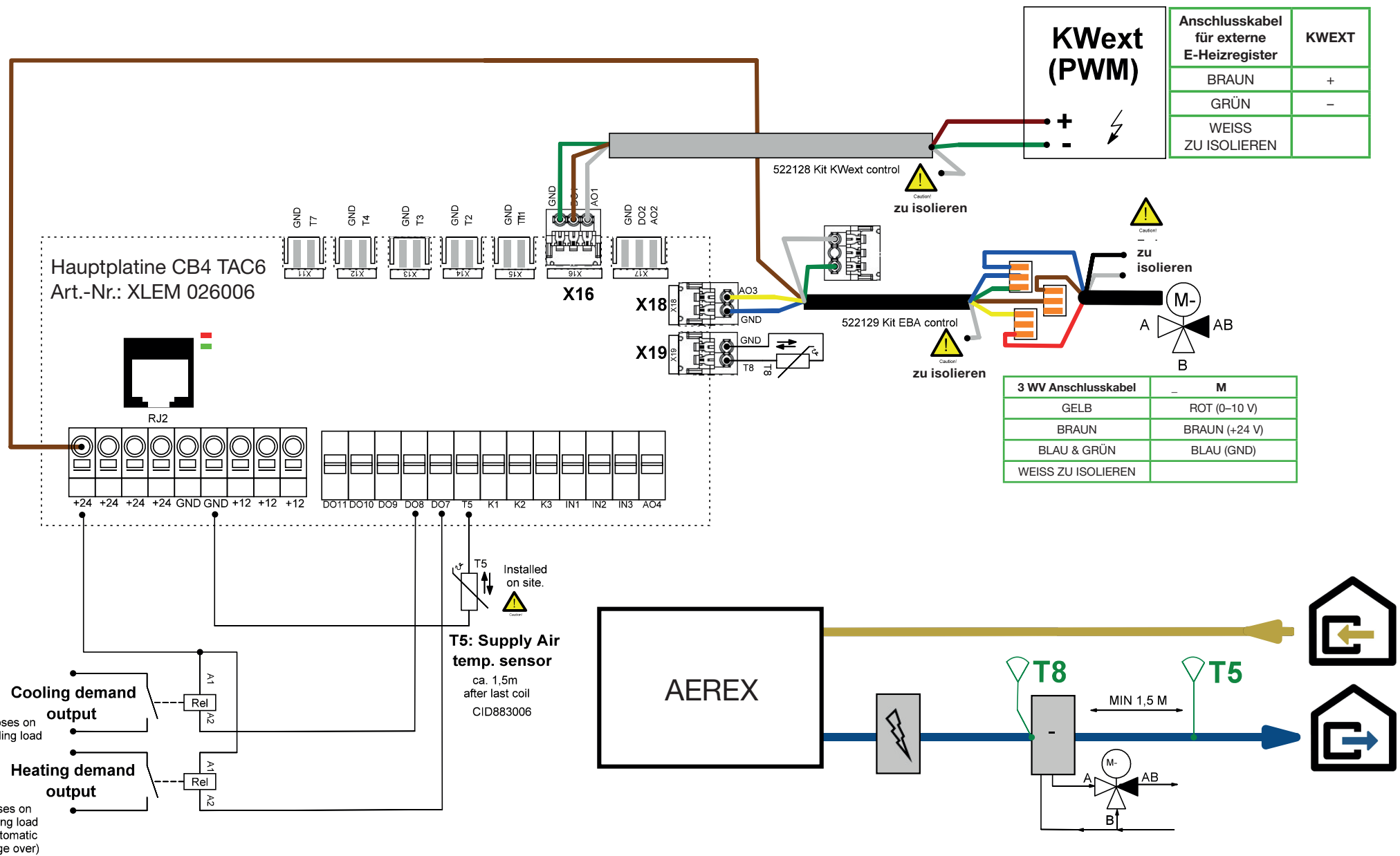
Changes			Name	Date	Configuration of function: Advanced setup / External coils / Hot water	Page
Name	Date	Draw.:	AEREX	01/03/2022		31
		check.:			Application: External heating coil	of 50
		Norm:				
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



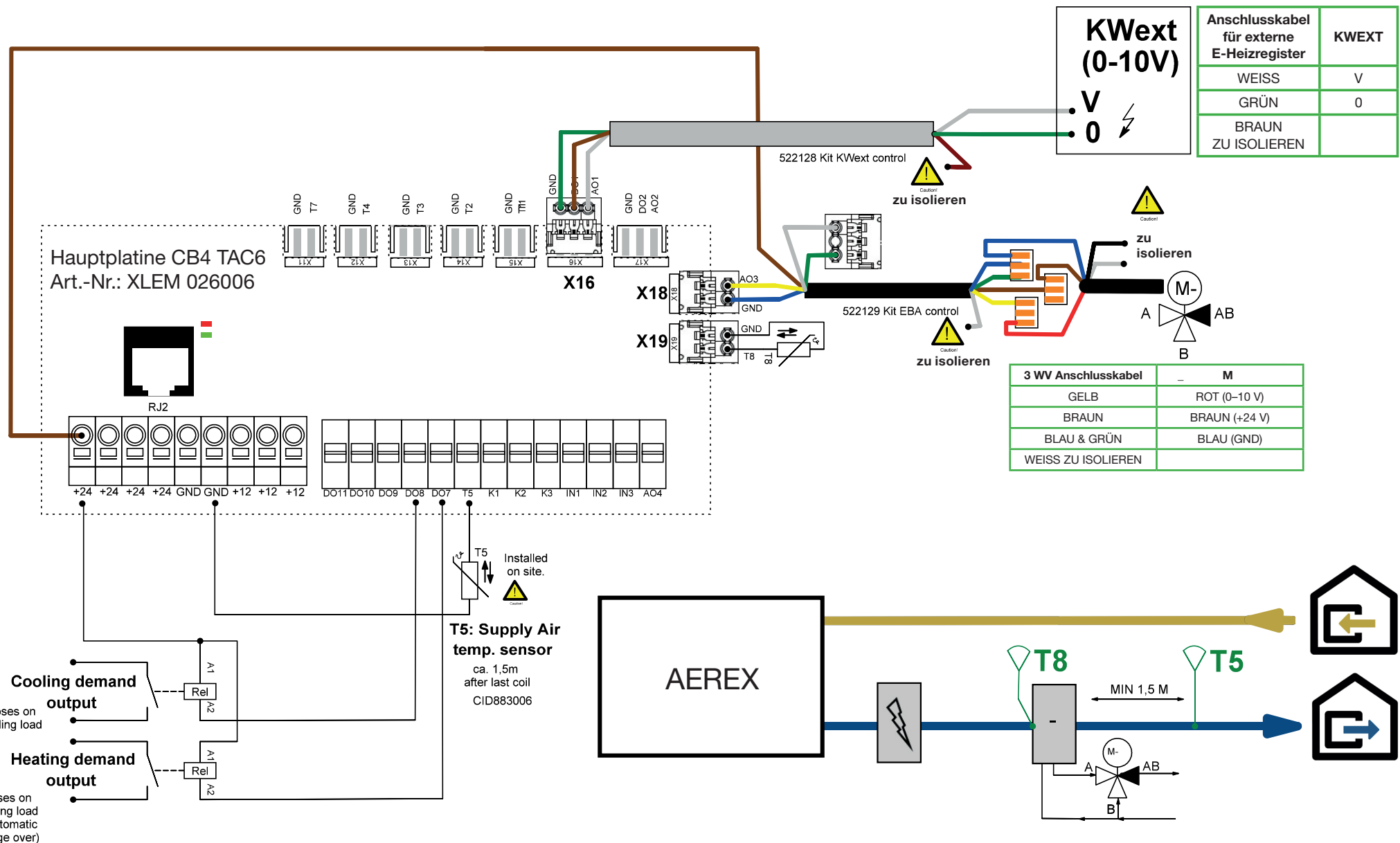
Changes			Name	Date	Configuration of function: Advanced setup / External coils / Hot water + Cold water	Page
Name	Date	Draw.:	AEREX	01/03/2022		32
		check.:				
		Norm:			Application: Ext. heating & Ext. Cooling 1 (use of 1 EBA cable)	of 50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



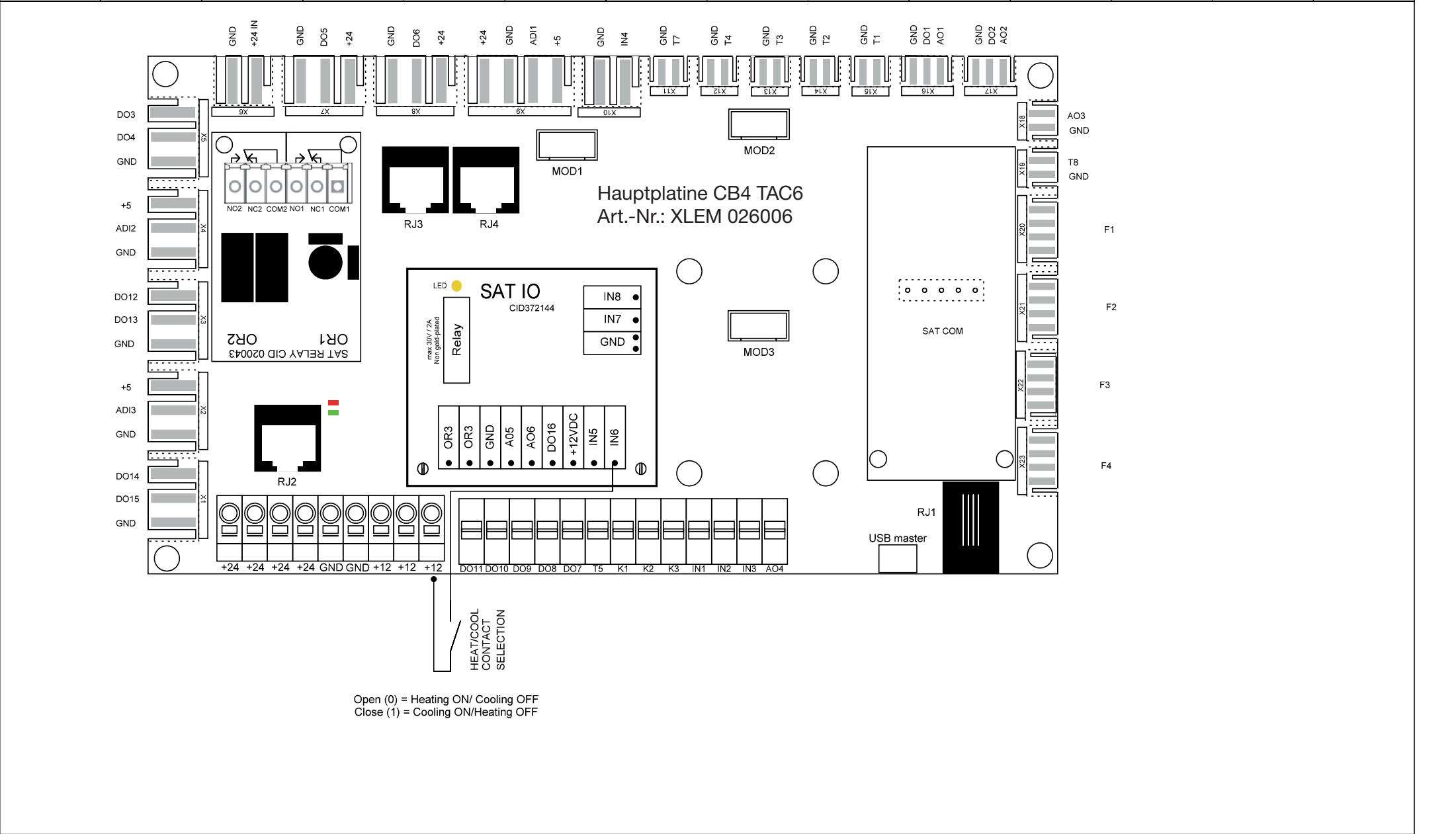
Changes			Name	Date	Configuration of function: Advanced setup / External coils / Hot water + Cold water	Page
Name	Date	Draw.:	AEREX	01/03/2022		33
		check.:			Application: Ext. heating & Ext. Cooling 2 (use of 2 EBA cables)	of
		Norm:				50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



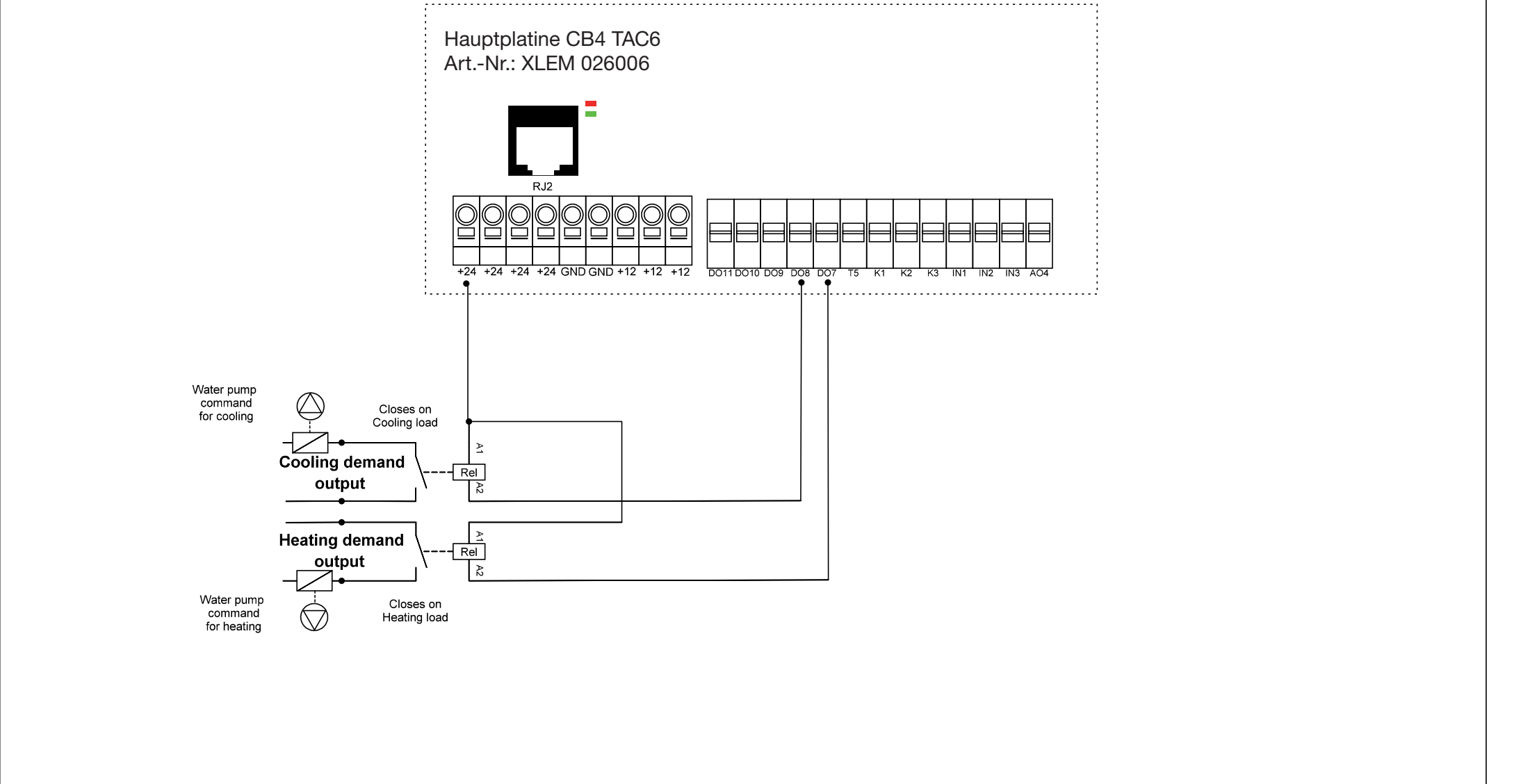
Changes			Name	Date	Configuration of function: Advanced setup / External coils / Electrical PWM + Cold water	Page
Name	Date	Draw.:	AEREX	01/03/2022		34
		check.:			Application: Ext.elect. heating & Ext. Cool	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					50



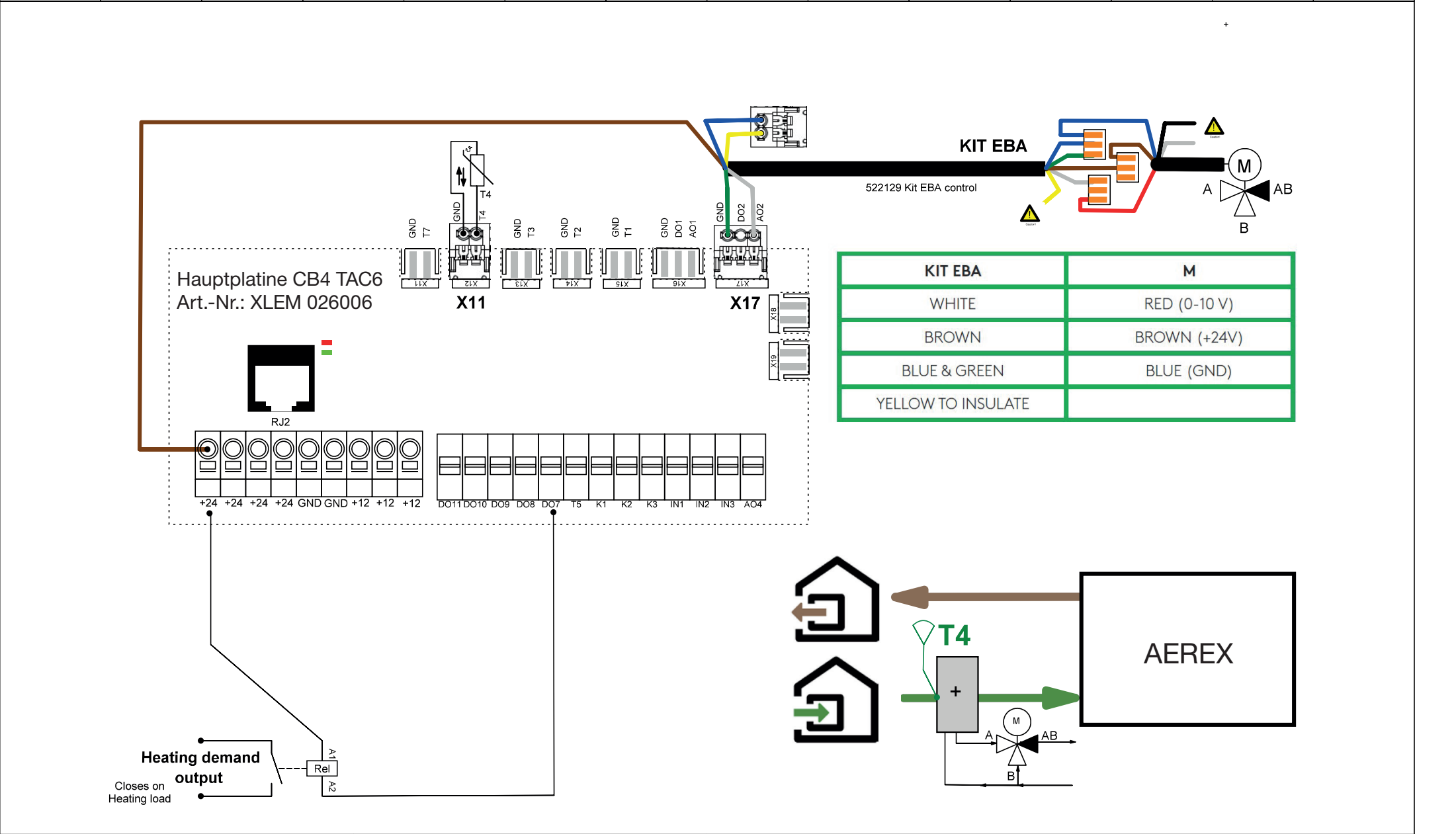
Changes			Name	Date	Configuration of function: Advanced setup / External coils / Electrical 0-10V + Cold water	Page
Name	Date	Draw.:	AEREX	01/03/2022		35
		check.:			Application: Ext.elec. 0-10V & Ext. cool	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					50



Changes			Name	Date	Selection of heating/cooling in presence of postheater/postcooler. In alternative to heat/cool selection via: - TACtouch control screen button for heat/coo user selection - Automatic changeover - BMS heat/cool selection control	Page
Name	Date	Draw.:	AEREX	01/03/2022		36
		check.:			Application: HEAT/COOL CONTACT SELECTION	of 50
		Norm:				
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



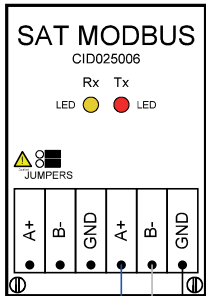
Changes			Name	Date	Configuration of function:	Page
Name	Date	Draw.:	AEREX	01/03/2022		37
		check.:				
		Norm:				of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022				Application: Circulator pump (with hydraulic coils)	50



Changes			Name	Date	Configuration of function: Product setup / Preheater = BAin	Page
Name	Date	Draw.:	AEREX	01/03/2022		38
		check.:				
		Norm:				of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022				Application: External Hydraulic Preheater	50

AHU1

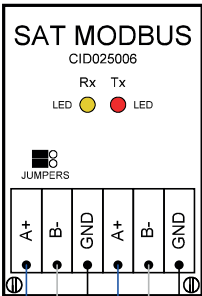
 The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits .



Modbus RTU
RS485

AHU2

 The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits .

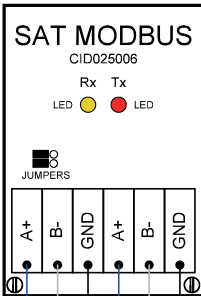


Modbus RTU
RS485

Modbus RTU
RS485

AHU3 ... AHU64

 The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits .



Modbus RTU
RS485

Modbus RTU
RS485

To BMS

The cables used in the network must conform to RS-485 Standard with twisted pair conductors. The cables must be shielded. Conductor Area 0.26 mm² to 0.50mm². The total length must not exceed 1.000 meters.

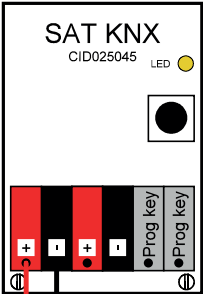
Changes			Name	Date	Configuration of function: Advanced setup/ Modbus	Page
Name	Date	Draw.:	AEREX	01/03/2022		39
		check.:				
		Norm:				of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022				Application: Modbus RTU	50

AHU1

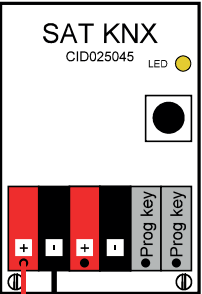
AHU2

AHU3...AHU64

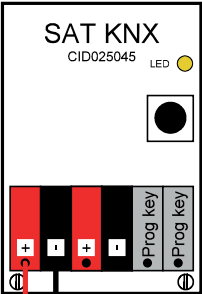
 The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits .



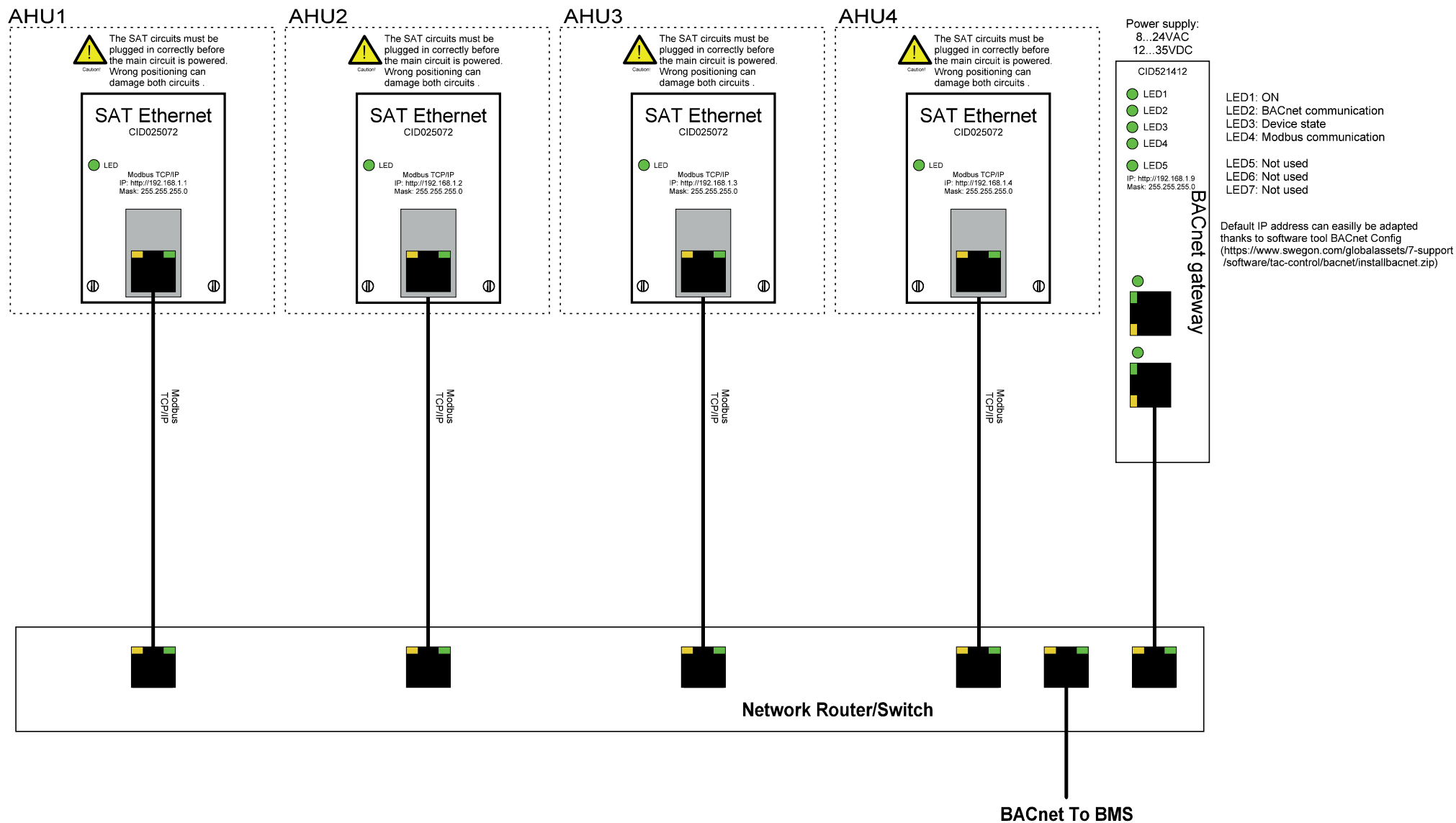
 The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits .



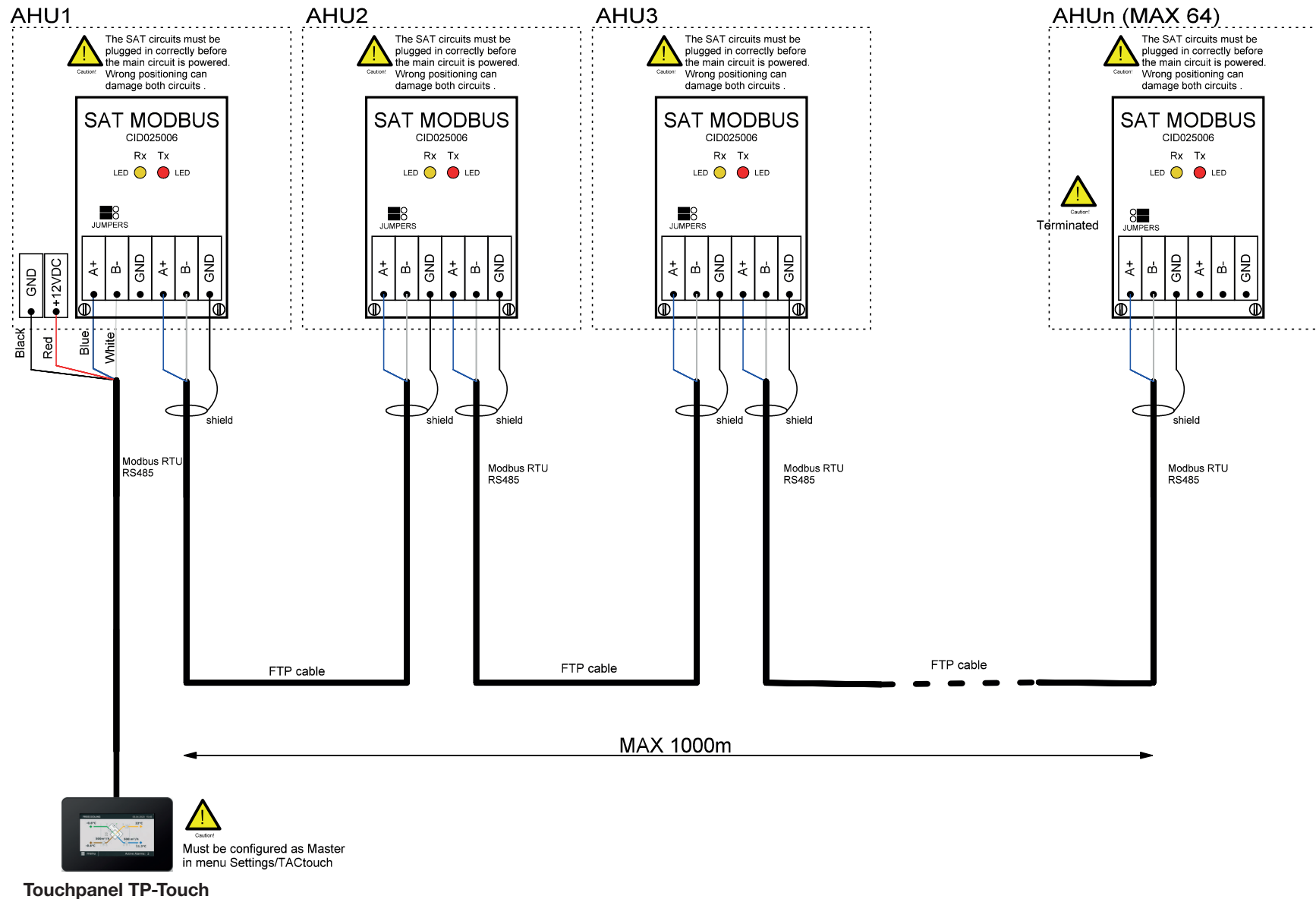
 The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits .



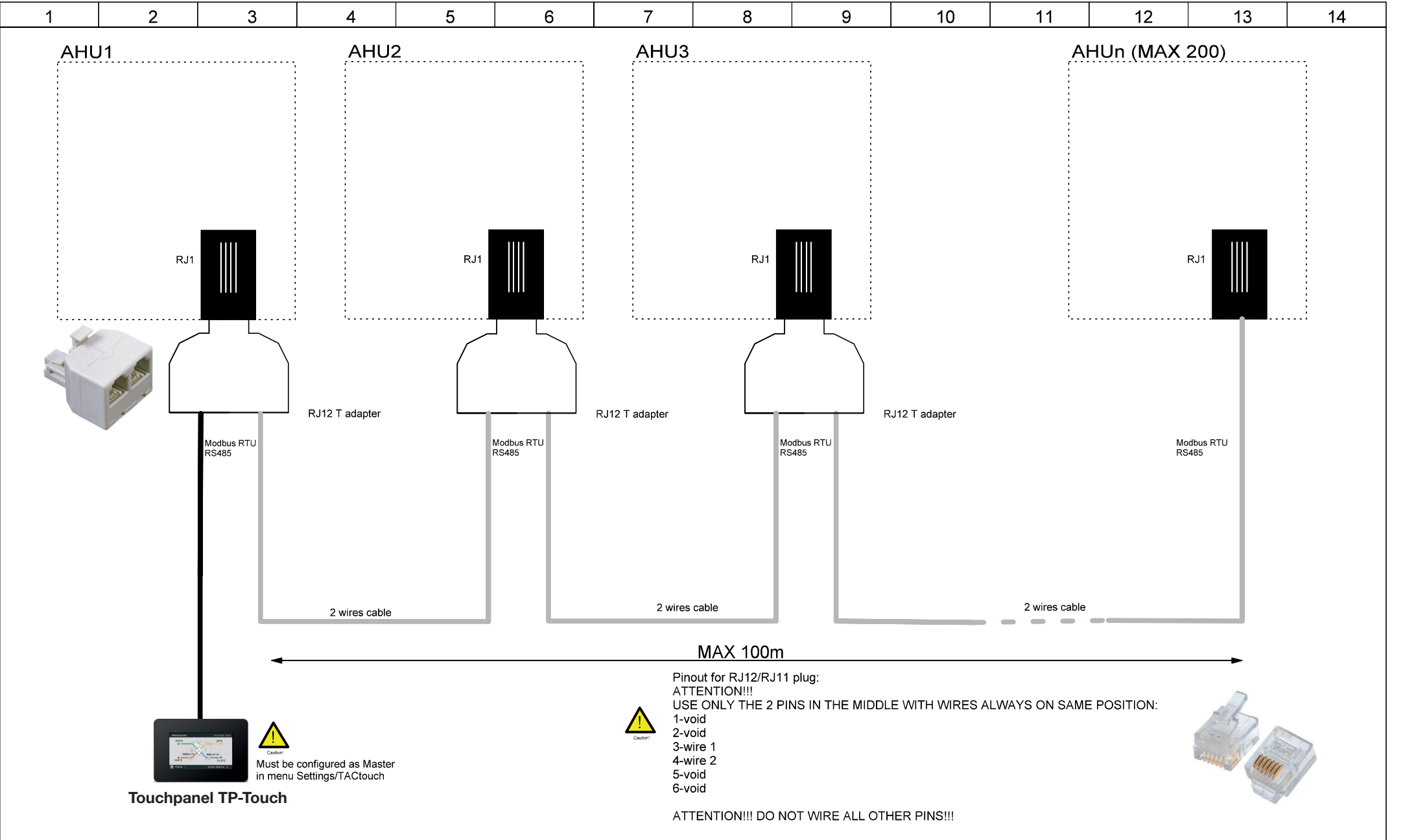
Changes			Name	Date	Configuration of function:	Page
Name	Date	Draw.:	AEREX	01/03/2022		40
		check.:				
		Norm:			Application: KNX	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					50



Changes			Name	Date	Configuration of function: Advanced setup/ SAT LAN	Page
Name	Date	Draw.:	AEREX	01/03/2022		41
		check.:				
		Norm:			Application: BACnet	of 50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



Changes			Name	Date	Configuration of function: TACtouch setup: TACtouch Master Network Screen	Page
Name	Date	Draw.:	AEREX	01/03/2022		42
		check.:				
		Norm:			Application: TACtouch centralised	of 50
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					



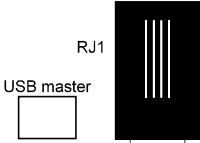
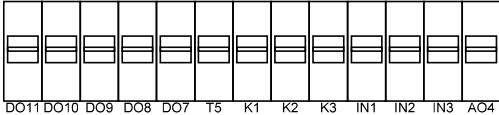
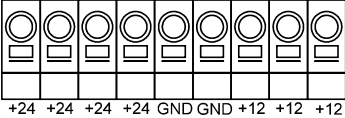
Changes			Name	Date	Configuration of function: Product setup: configure HMI port with correct address TACtouch setup: TACtouch Master Network Screen	Page
Name	Date	Draw.:	AEREX	01/03/2022		43
		check.:			Application: TACtouch centralised short	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022					50

Hauptplatine CB4 TAC6

Art.-Nr.: XLEM 026006



RJ2



Connection Setup

TACTouch SIM

Modbus TYPE	RTU
COM port	
Baudrate	9600
Parity	N
Modbus Master	NO
TAC Modbus address	2

Caution

Select the COM port to which the USB-RS 485 adapter cable is connected

Caution

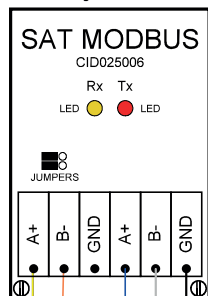
Once setup is changed, Press "RESET COM" at the end of this menu to validate the change



AHU1



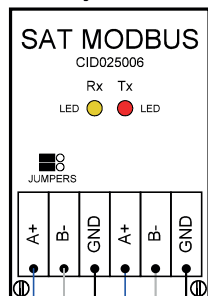
The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits.



AHU2



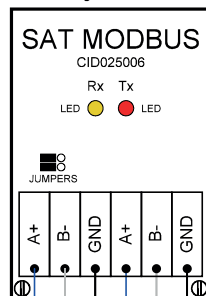
The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits.



AHU3



The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits.



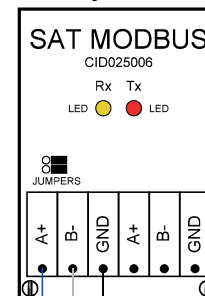
AHUn (MAX 64)



The SAT circuits must be plugged in correctly before the main circuit is powered. Wrong positioning can damage both circuits.



Terminated



Yellow
Orange

Modbus RTU
RS485

FTP cable

Modbus RTU
RS485

FTP cable

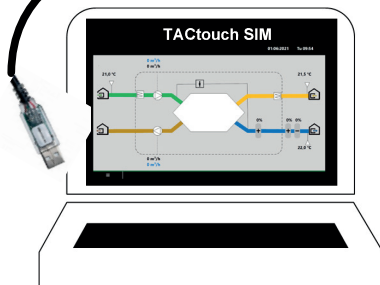
Modbus RTU
RS485

FTP cable

Modbus RTU
RS485

MAX 1000m

CID 025102



Select the COM port to which the USB-RS 485 adapter cable is connected



Select the Modbus address of the desired unit to reach in menu "Settings/Connection Setup"

Changes

Name

Date

Configuration of function:

Page

Name

Date

Draw.:

AEREX

01/03/2022

45

check.:

Norm:

Application:

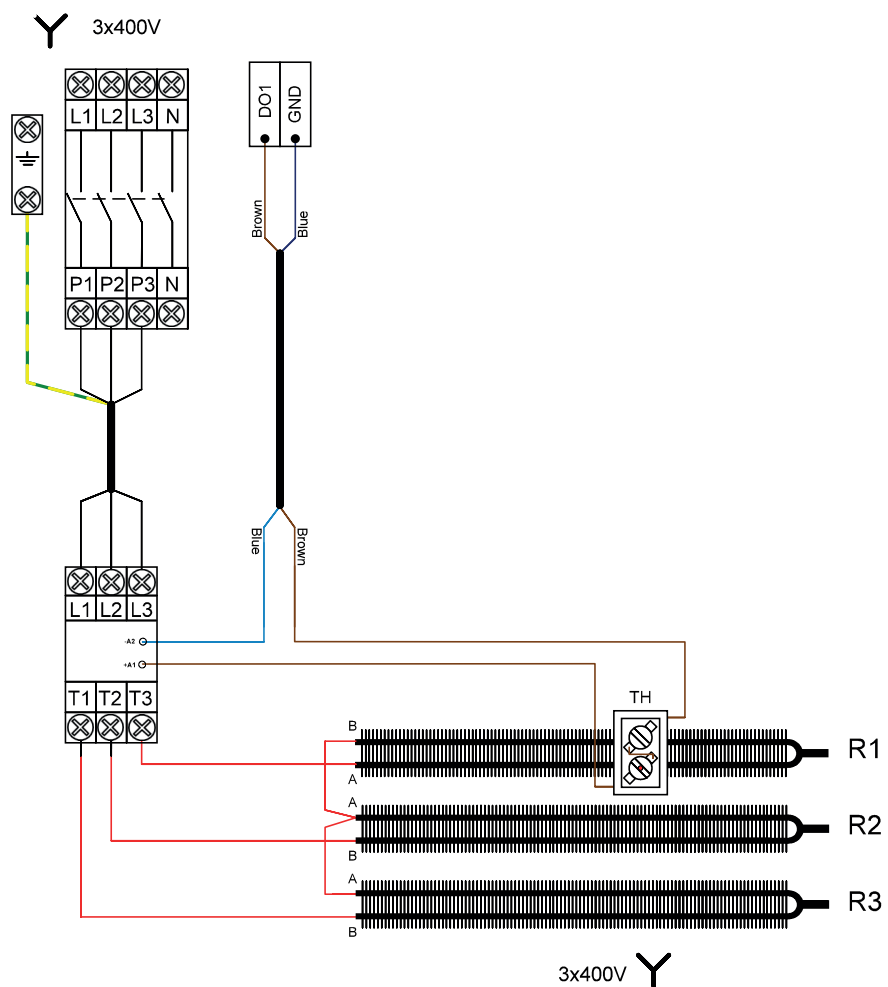
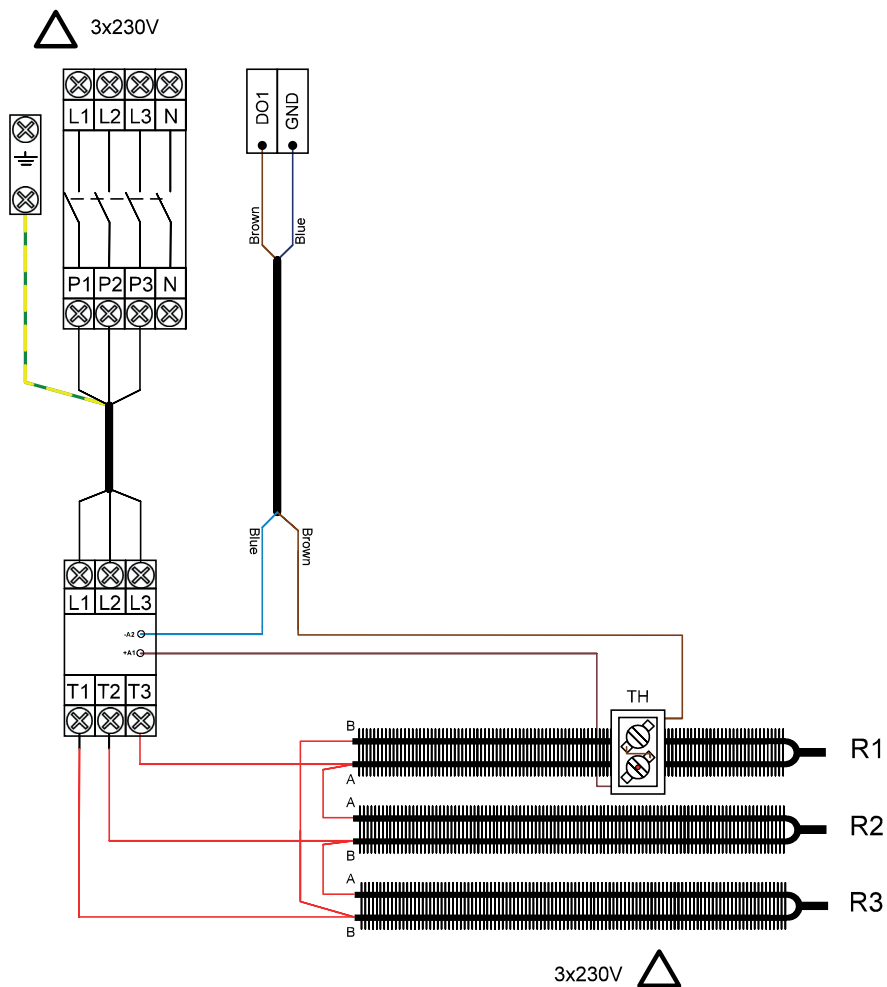
Soft HMI centralised

of

50

Subject:

Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022



Attention: only possible to change 3x230V into 3x400V. Due to cable sections and selected components, changing from 3x400V to 3x230V is not allowed on site.

Changes

Name	Date	Draw.:	Name	Date
		check.:	AEREX	01/03/2022
		Norm:		
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022			

Configuration of function:

N.A.

Page

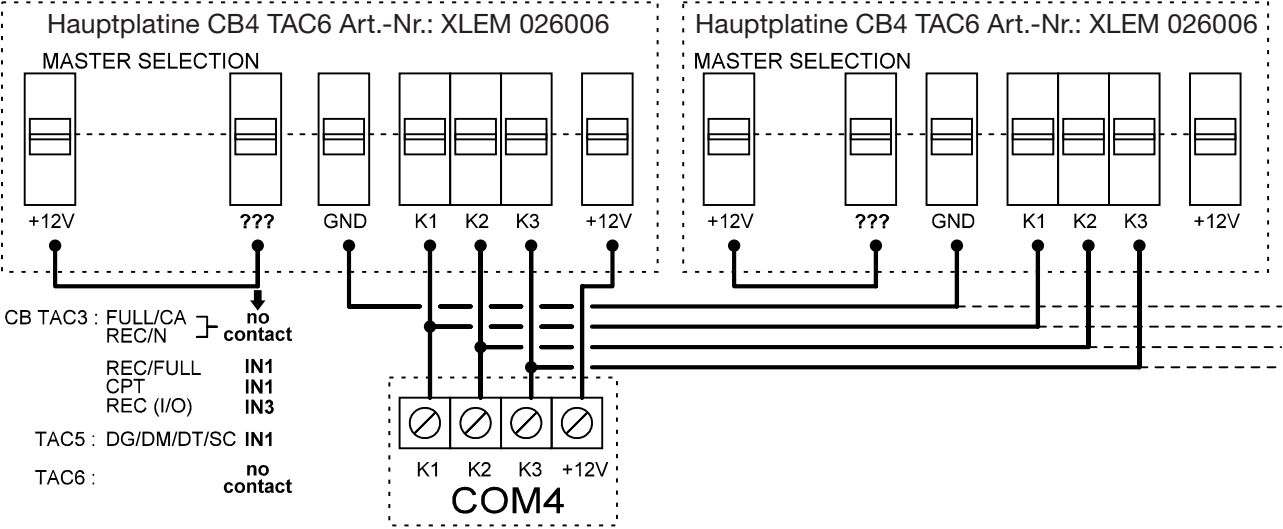
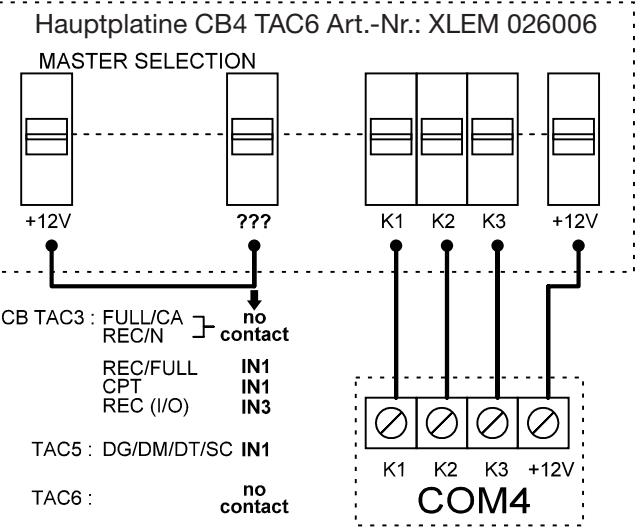
46

Application:

KWout 3x230V - 3x400V

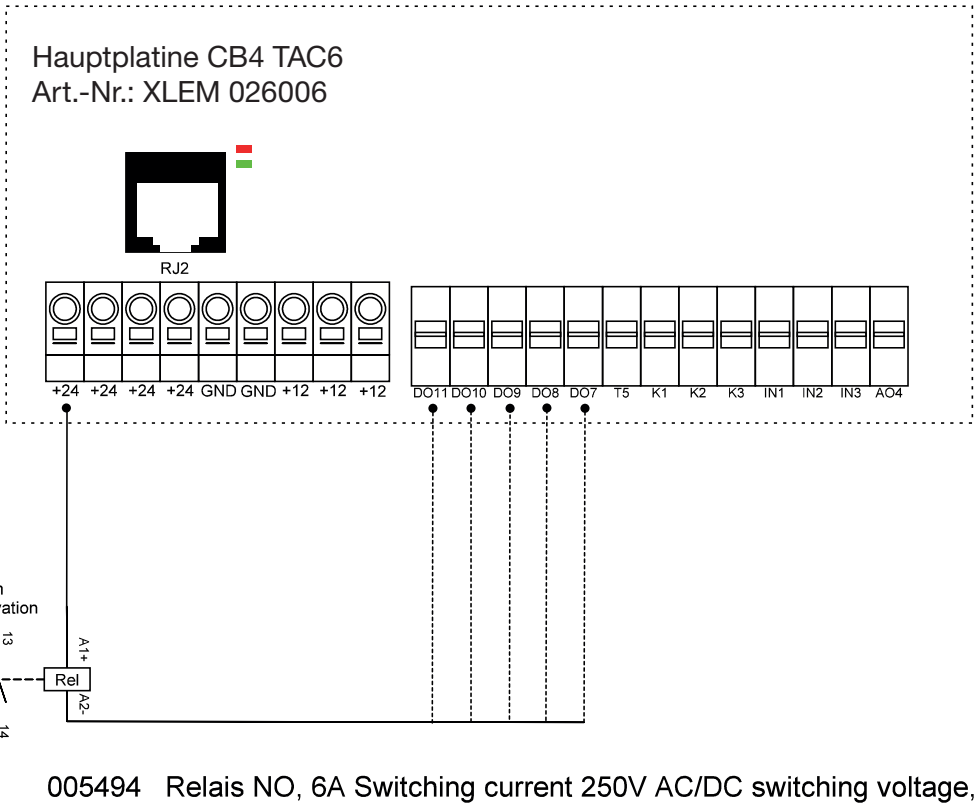
of

50

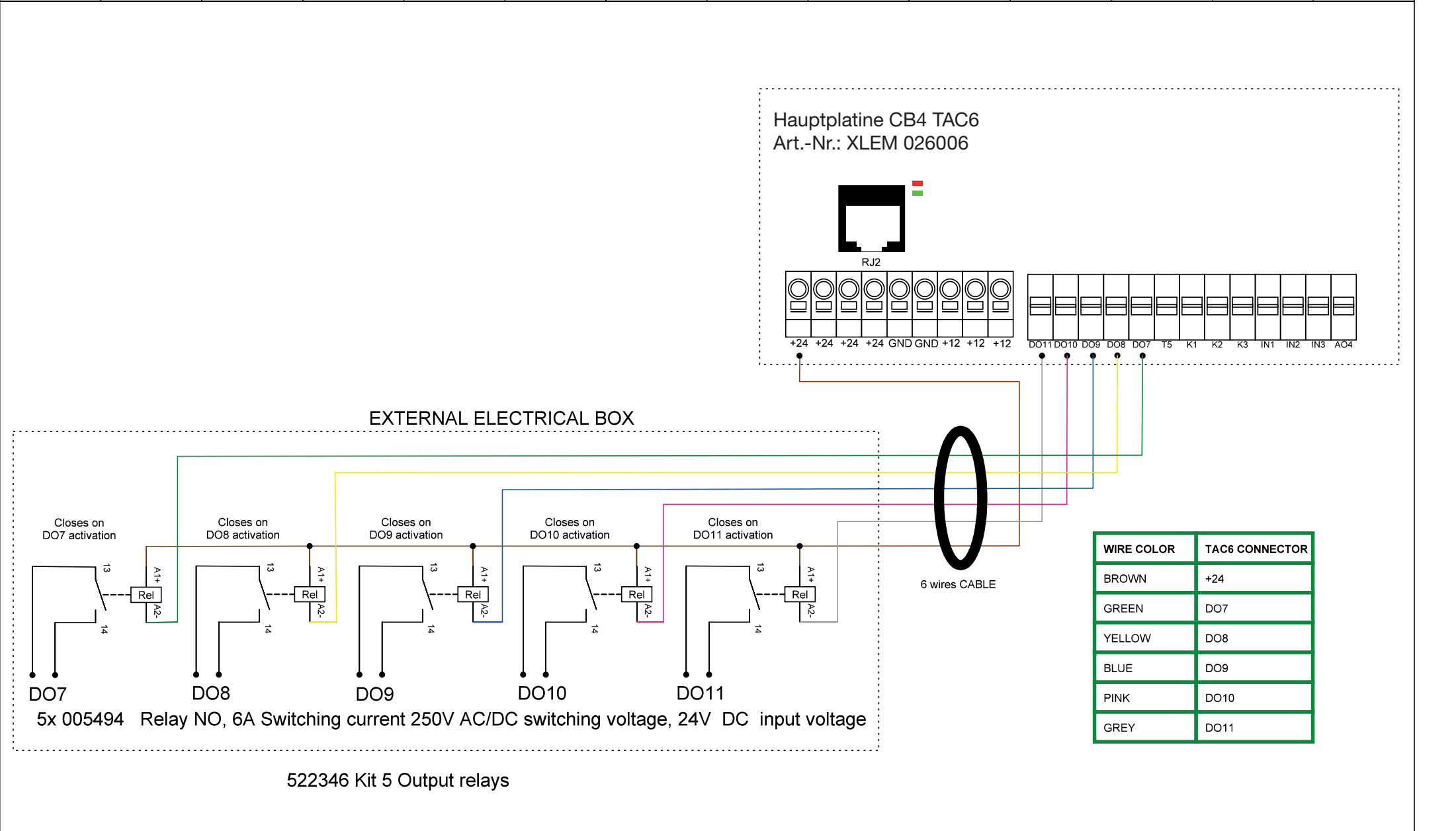


AEREX

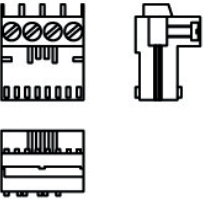
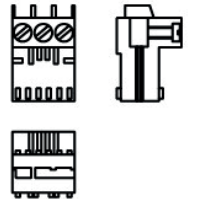
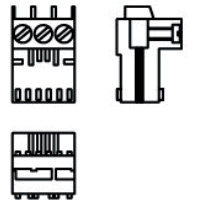
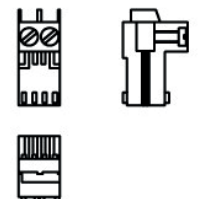
01/03/2022



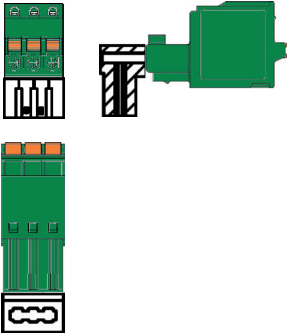
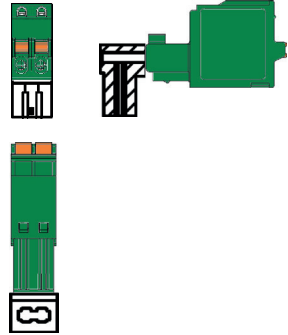
Changes			Name	Date	Configuration of function:	Page
Name	Date	Draw.:	AEREX	01/03/2022		48
		check.:				
		Norm:			Application:	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022				Output Relay 1x	50



Screw Connectors

	X9 005462
	X1 – X3 – X5 X7 – X8 005461
	X2 – X4 005460
	X6 – X10 005459

Spring Connectors

	X16 - X17 522348
	X11 - X12 - X13 - X14 X15 - X18 - X19 522347

Changes

Changes			Name	Date	Configuration of function: N.A.	Page	
Name	Date	Draw.:	AEREX	01/03/2022		50	
		check.:					
		Norm:				Application:	of
Subject:	Anschlussbilder AEREX Reco-Boxx RLT-Geräte, Stand: 03-2022				Screw & Spring connectors	50	