



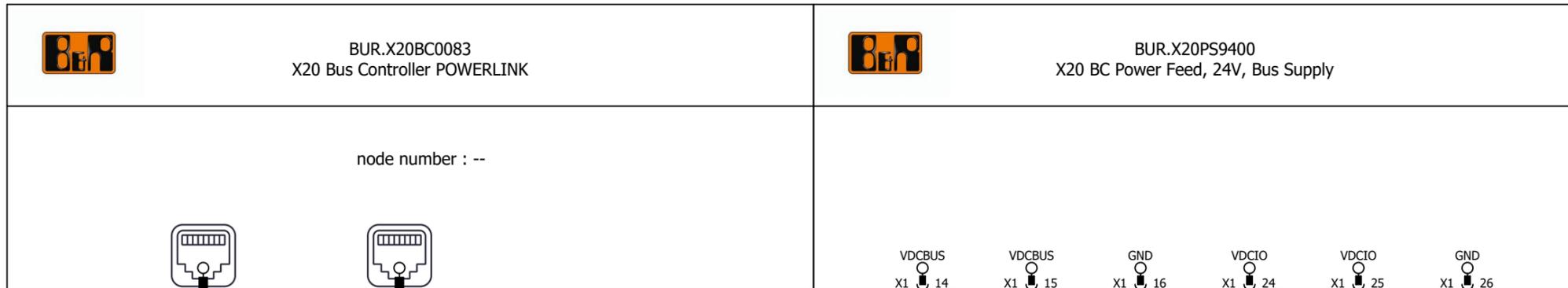
customer	Rox Klimatechnik	end customer	dual system
street	Langenbacher Str. 25	street	
postal code / place	57586 Weitefeld	postal code / place	
phone	+49 2743 807 0	phone	
Fax	+49 2743 807 153	Fax	
E-Mail	info@rox-online.de	E-Mail	
project number	4628a	<u>treminal strips</u>	<u>wire colors</u>
customer number	7532	X3 = low voltage	24V+ / 24V - darkblue / blue-white
commission	dual system / Version 3new_III_US	X7 = external voltage	external voltage .orange
project description	aircooler		earth connection green - yellow
creation date	08.10.2025	<u>operating values</u>	
cable entry	top	operating voltage	24V DC
door hinges	right	frequency	50 Hz
switch cabinet	300x500x210 mm	control system	B&R Automation
		feed in	5
last date drafted	16.12.2025 D. Preuß		
total number of pages	12		

all components selected according to UL 508A



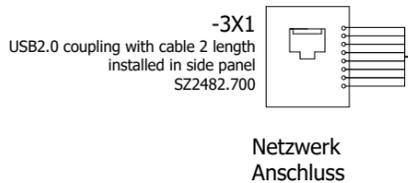
-3K1 /34.4

-3K5 /34.4



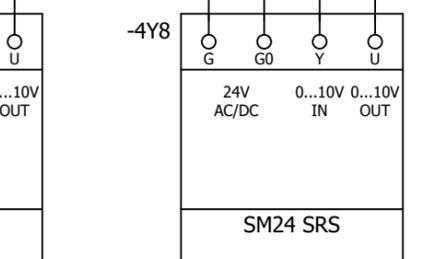
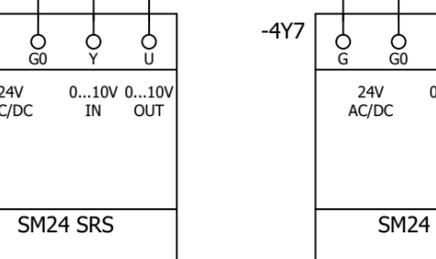
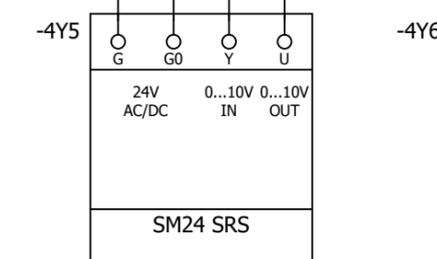
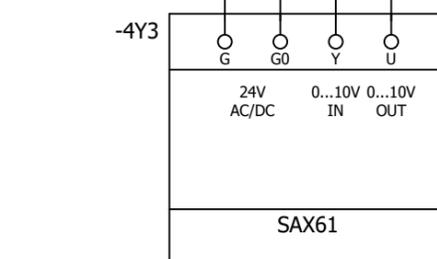
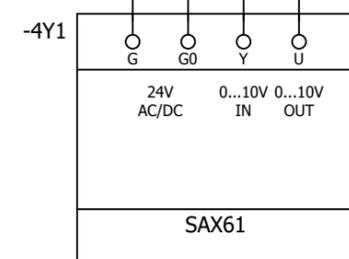
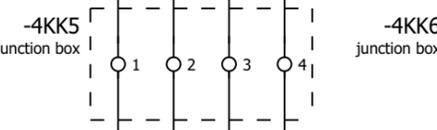
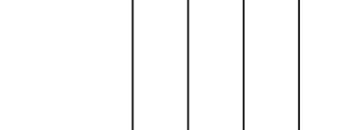
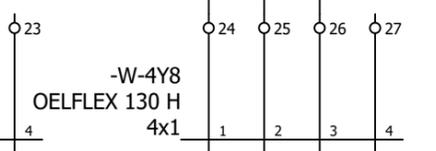
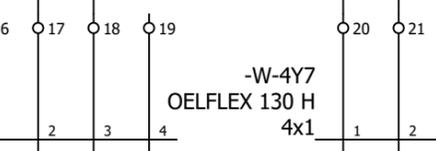
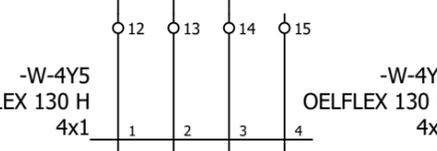
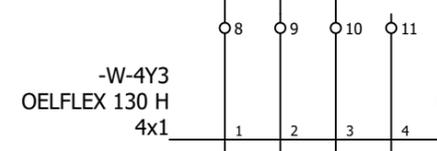
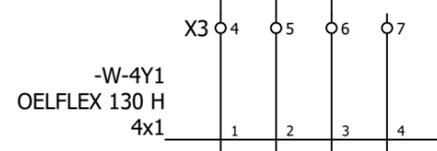
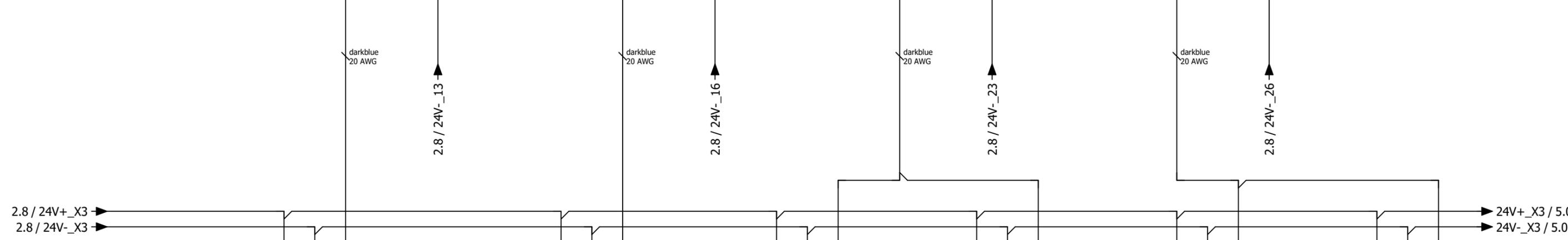
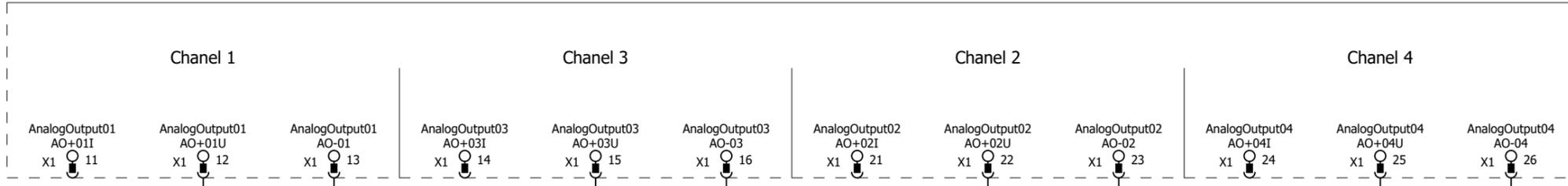
patch cable

2.8 / 24V+ _PLC
2.8 / 24V- _PLC



			date	09.10.2025	dual system / Version 3new_III_US			buscontroller and supply Module		=		
			edited	daniel.preuss	aircooler					+	page	3
			checked	M. Wagner							Kundennr.:	7532 4628a
change	date	name	origin		replacement for	replaced by				page	4/ 12	

-4K1 /34.5  X20AO4622 X20 analog outputmodul, 4 outputs, ±10 V / 0 bis 20 mA/4 bis 20 mA, 13 bit resolution v2.91



cold-water valve
aircooler 1

cold-water valve
aircooler 2

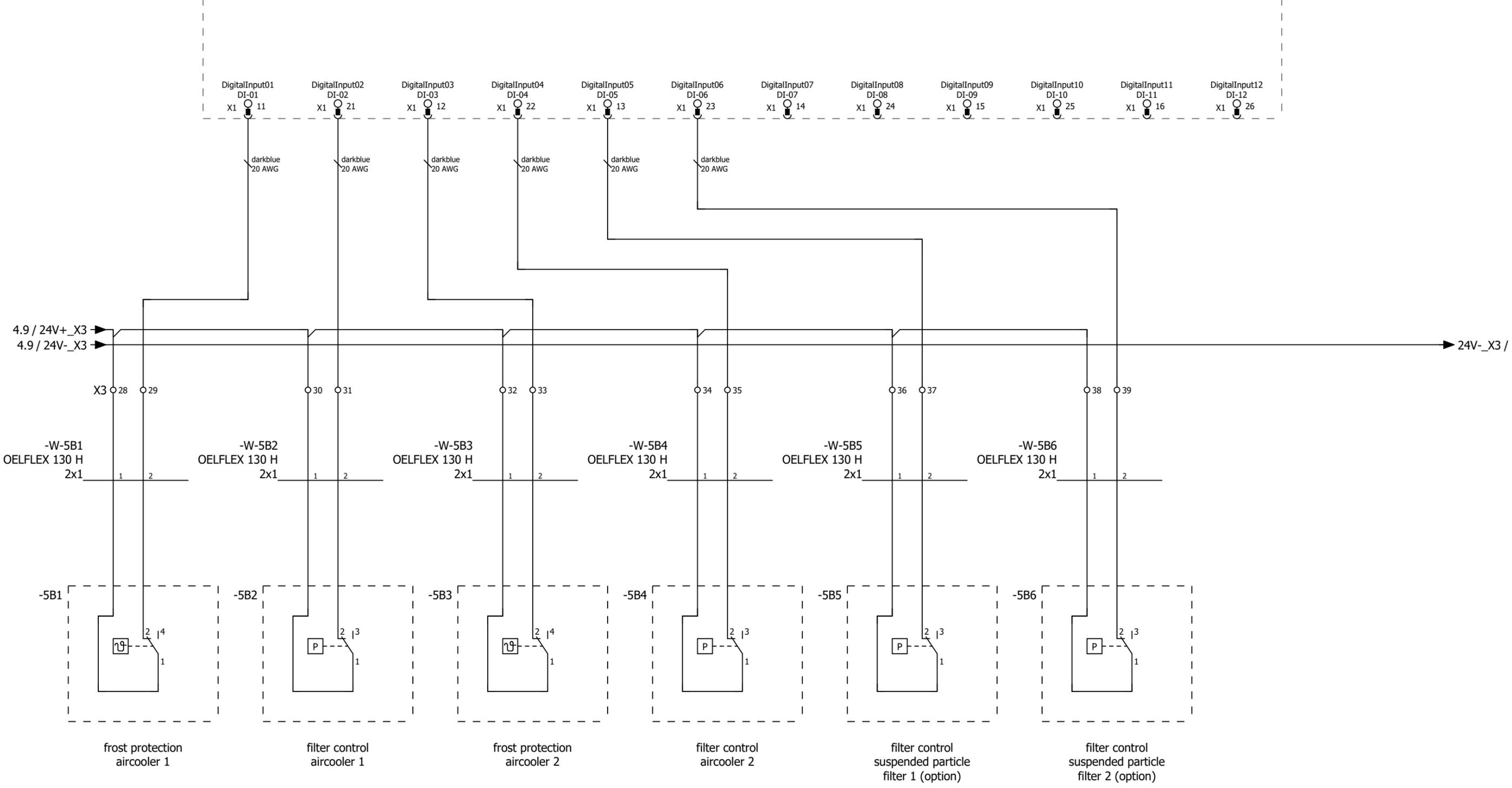
air-lift flap 1
aircooler 1

air-lift flap 2
aircooler 1

air-lift flap 1
aircooler 2

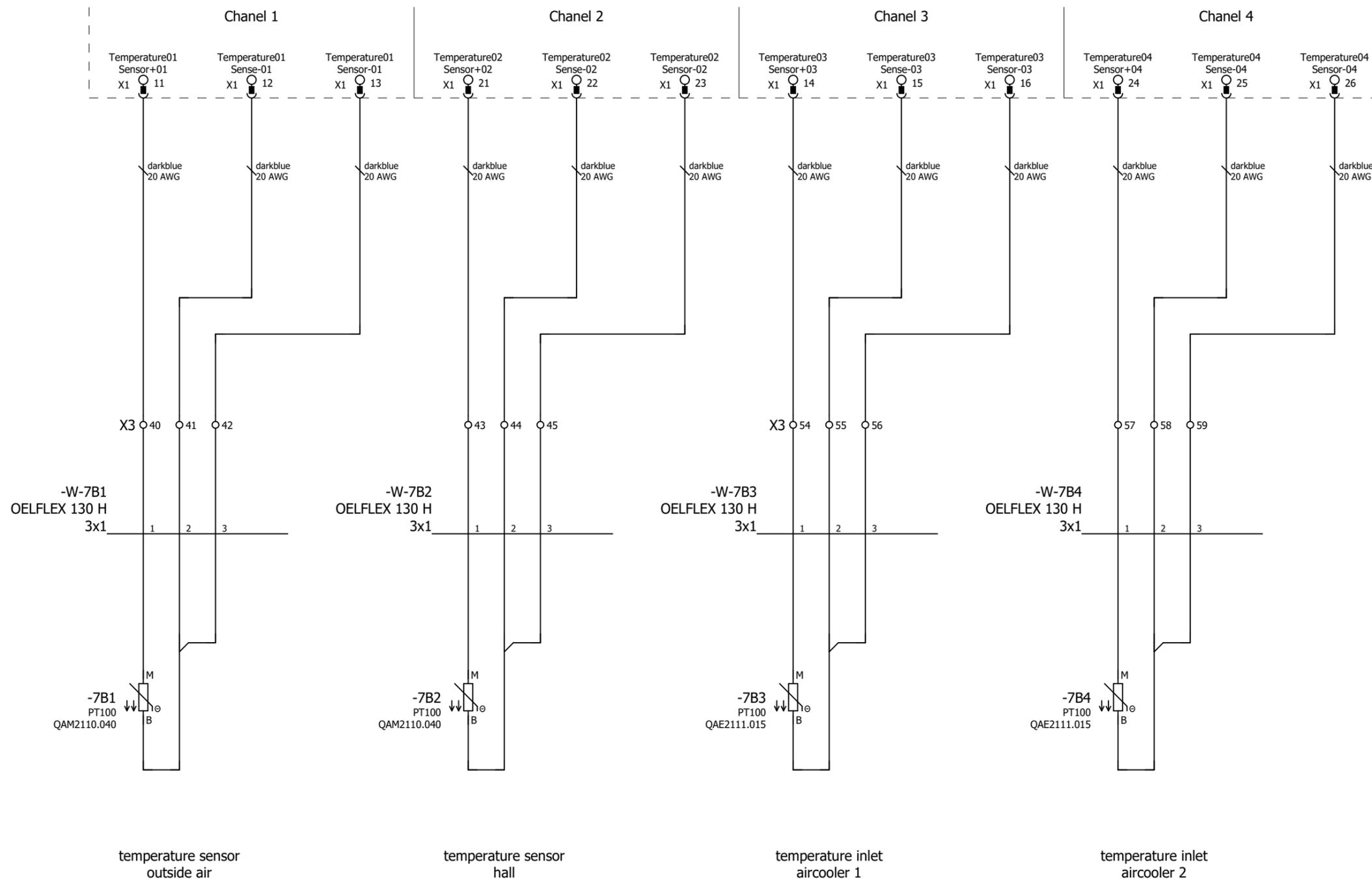
air-lift flap 2
aircooler 2

-5K1 /34.5  X20DI9371 X20 digital input modul, 12 inputs, 24 VDC, Sink, configurable input filter, 1-wire connection v4.0.1



date		09.10.2025		dual system / Version 3new_III_US				digital input modul		=	
edited		daniel.preuss		aircooler				Kundennr.: 7532		4628a	
checked		M. Wagner		replaced by						page 6 / 12	
change	date	name	origin	replaced for	replaced by						

-7K1 /34.6  X20AT4222 X20 temperatur input modul, 4 resistance measurement inputs, PT100, PT1000, 0,1 K resolution , 3-wire connections v2.91 |



				date		16.12.2025		dual system / Version 3new_III_US							
				edited		daniel.preuss		aircooler							
				checked		M. Wagner		replaced for		replaced by					
change	date	name	origin									Kundennr.: 7532		4628a	
												page 7			
												page 8 / 12			



analoge input modul

Kundennr.: 7532 4628a

-3K1 /3.1 X20BC0083
 -3K5 /3.4 X20PS9400
 -4K1 /4.1 X20AO4622
 -5K1 /5.1 X20DI9371
 -6K1 /6.1 X20DO9322
 -7K1 /7.1 X20AT4222
 -8K1 /8.1 X20AI4622



