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hugengineering.

Electrical Diagram

Equipment : Temperature Monitoring Box UT
 El. Diagram Number : UT_120

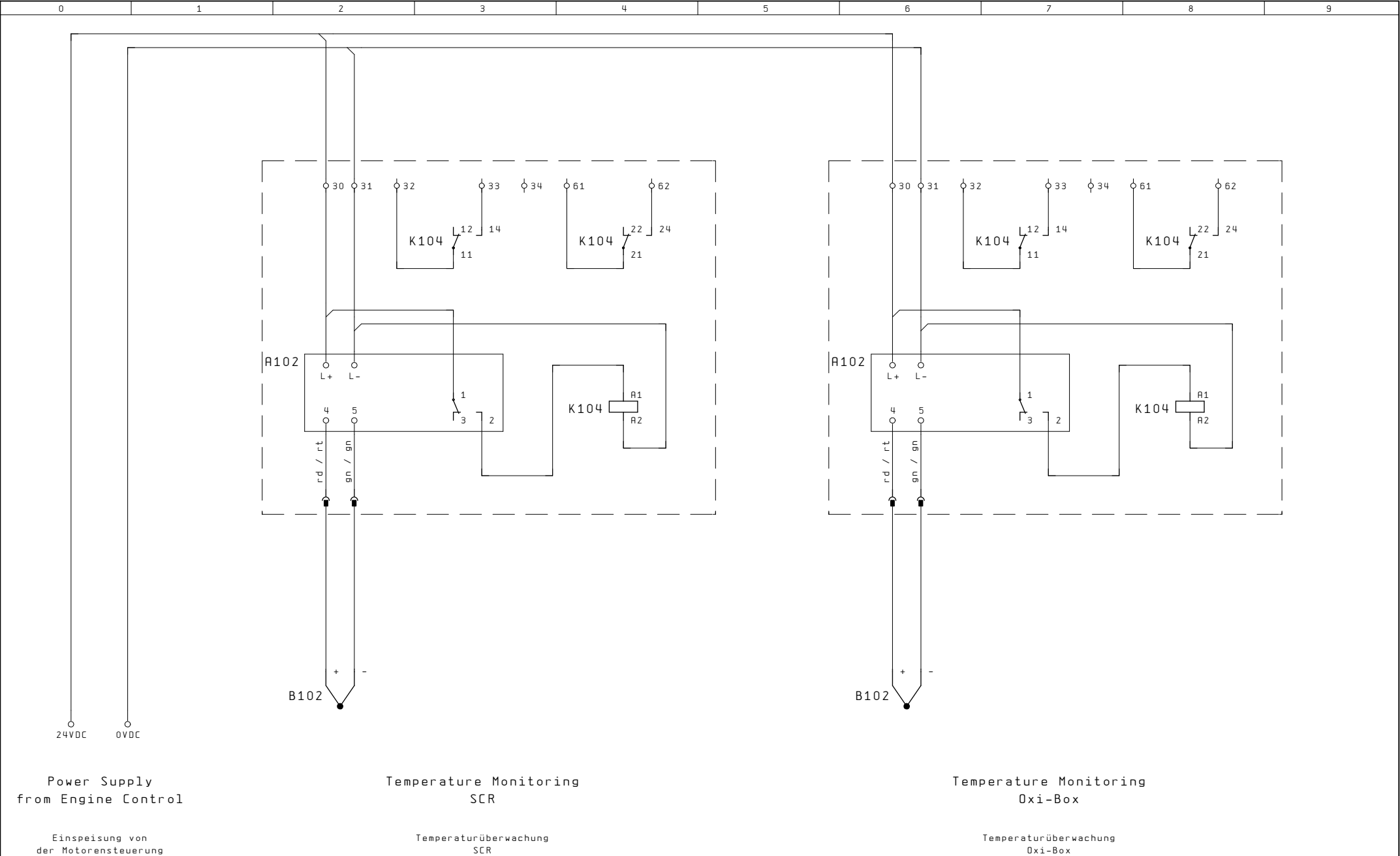
Responsible	: MIG	Power Supply	: 24VDC / 10A
Last Modification	: 05.Aug.2013	Power Supply Line	: 24VDC + 0VDC / 1mm2
Last Modified by	: SIB	Control Voltage	: 24VDC
Last Page	: 20		
Number of Pages	: 5		

Location : A-11436 / 200932 / 31285
 Installation : CPL Politecnico di Milano

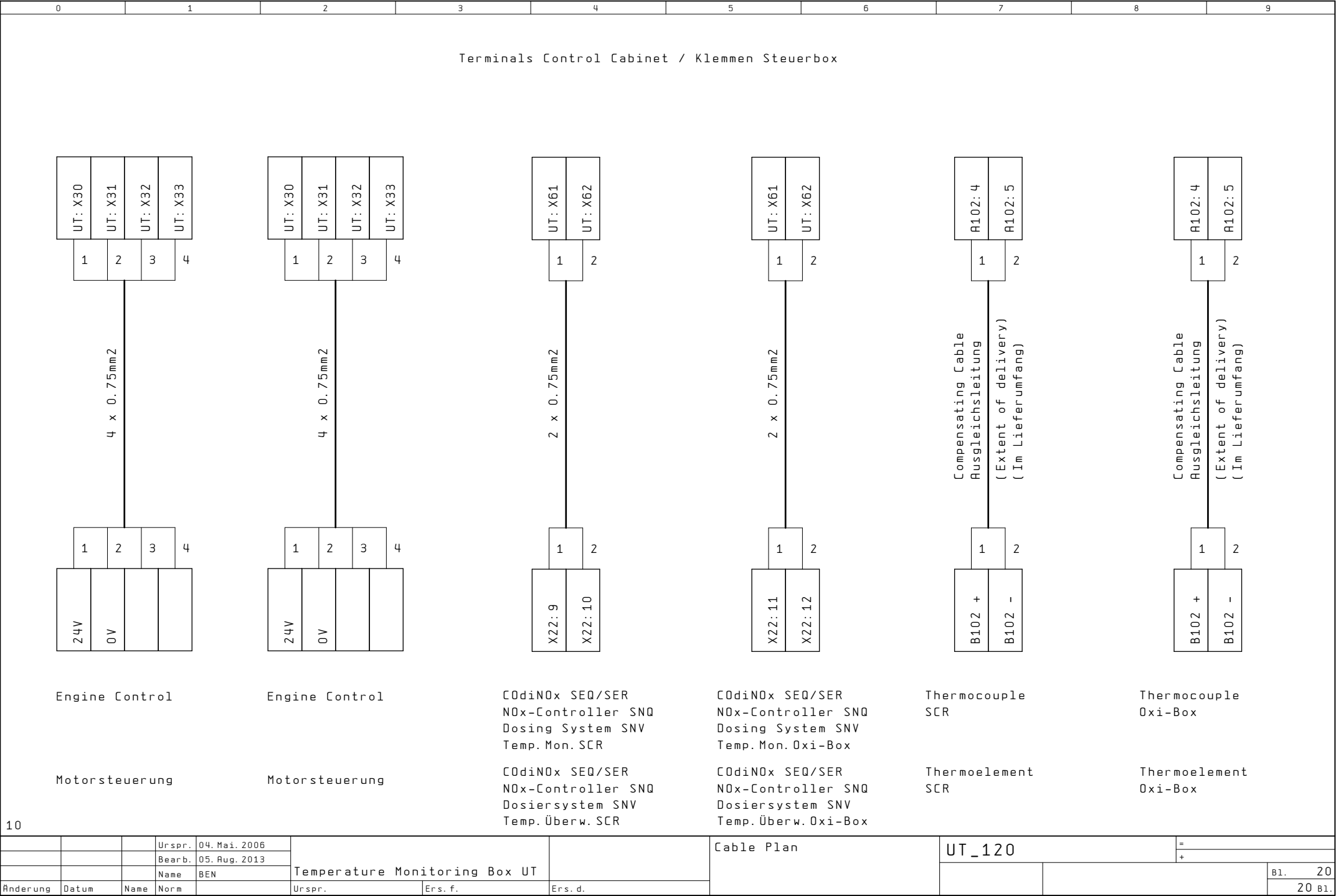
			Urspr.	04. Mai. 2006			Cover Sheet	UT_120	=	
			Bearb.	04. Mai. 2006					+	
			Name	MIG	Temperature Monitoring Box UT					B1. 1
Anderung	Datum	Name	Norm		Urspr.	Ers. f.	Ers. d.			20 B1.

0	1	2	3	4	5	6	7	8	9
Page	Page Title	Date	Drawn						
1	Cover Sheet	04.05.06	MIG						
2	Page Index	01.12.09	MIG						
3	Information	23.07.08	MIG						
10	Temp. Monitoring	01.12.09	MIG						
20	Cable Plan	01.12.09	BEN						

0	1	2	3	4	5	6	7	8	9																						
Wire Colour Definition					Item Designation PI-Diagram																										
<table><tr><td>green-yellow</td><td>protective earth / ground</td></tr><tr><td>black</td><td>load circuit</td></tr><tr><td>red</td><td>control voltage AC</td></tr><tr><td>light blue</td><td>neutral AC</td></tr><tr><td>violet</td><td>control voltage 24VDC</td></tr><tr><td>dark blue</td><td>control voltage 0VDC</td></tr><tr><td>white</td><td>analogue signal</td></tr><tr><td>orange</td><td>external voltage</td></tr></table>					green-yellow	protective earth / ground	black	load circuit	red	control voltage AC	light blue	neutral AC	violet	control voltage 24VDC	dark blue	control voltage 0VDC	white	analogue signal	orange	external voltage	<table><tr><td>PI-Diagram</td><td>Electrical Diagram</td></tr><tr><td>TSA+ 001</td><td>B102 (Temperature Monitoring SCR)</td></tr><tr><td>TSA+ 002</td><td>B102 (Temperature Monitoring Oxi-Box)</td></tr></table>					PI-Diagram	Electrical Diagram	TSA+ 001	B102 (Temperature Monitoring SCR)	TSA+ 002	B102 (Temperature Monitoring Oxi-Box)
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Drahtfarben					Betriebsmittelkennzeichnung PI-Diagramm																										
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3				20		
		Urspr.	04. Mai. 2006	Temperature Monitoring Box UT	Temp. Monitoring	UT_120
		Bearb.	04. Dez. 2009			
		Name	MIG			
Anderung	Datum	Name	Norm	Urspr.	Ers. f.	Ers. d.
						B1. 10
						20 B1.



Engine Control

Motorsteuerung

Engine Control

Motorsteuerung

Engine Control

Motorsteuerung

CODiNOx SEQ/SER
NOx-Controller SNQ
Dosing System SNV
Temp. Mon. SCR

CODiNOx SEQ/SER
NOx-Controller SNQ
Dosiersystem SNV
Temp. Überw. SCR

CODiNOx SEQ/SER
NOx-Controller SNQ
Dosing System SNV
Temp. Mon. Oxi-Box

CODiNOx SEQ/SER
NOx-Controller SNQ
Dosiersystem SNV
Temp. Überw. Oxi-Box

Thermocouple
SCR

Thermoelement
SCR

Thermocouple
Oxi-Box

Thermoelement
Oxi-Box