BASE LOAD POWER HUB (BLPH)

TR-200ED1 Termination and Wiring Diagram

ROSETTI MARINO

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
Luca Macuz	15/05/2024

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CROSSWIND

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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	09/05/24	ML	MF	MF	ISSUE FOR INFORMATION (IFI)
01	27/03/24	ML	MF	MF	ISSUE FOR INFORMATION (IFI)
00	16/02/24	ML	MF	MF	ISSUE FOR INFORMATION (IFI)

TITLE : BASE LOAD POWER HUB (BLPH)
TR–200ED1 Termination and Wiring Diagram
FRONT PAGE

CONTRACT NO./TITLE CW–I–WP4–2023–05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

A3 | DRAWING NO. 1723001697–EL–DG–00012 | SHEET 001 | REV. 02

F.to UNI A3: 420mmx297mm

File Name : 1723001697–EL–DG–00012 Rev. 02

REV.	SHEET NUMBER	DESCRIPTION	REF. CODE
02	001	FRONT PAGE	
02	002	SUMMARY and GENERAL NOTES	
02	003	LAYOUT - AUXILIARY CONTROL PANEL	
02	004	INTERNAL POWER CIRCUIT DIAGRAM	
02	005	PROTECTION DEVICES ON TRANSFORMER	
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SUMMARY and GENERAL NOTES

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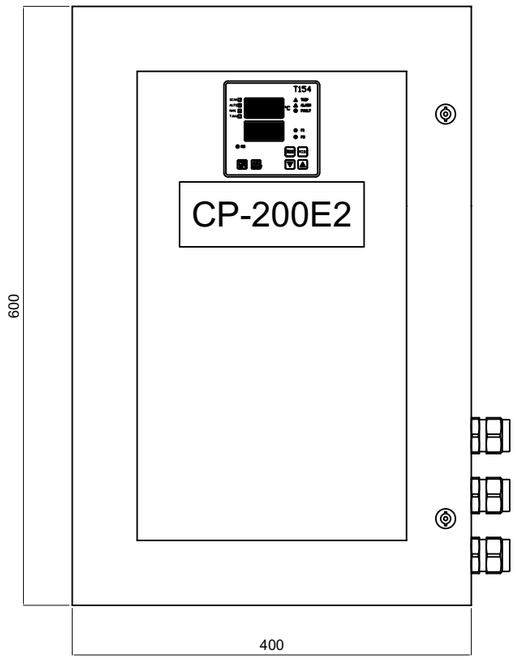
A3 | DRAWING NO. 1723001697-EL-DG-00012 | SHEET 002 | REV. 02

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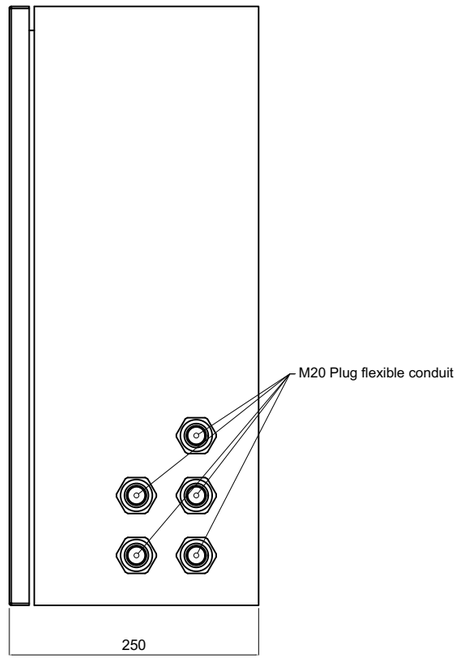
File Name : 1723001697-EL-DG-00012 Rev. 02

LAYOUT - AUXILIARY CONTROL PANEL

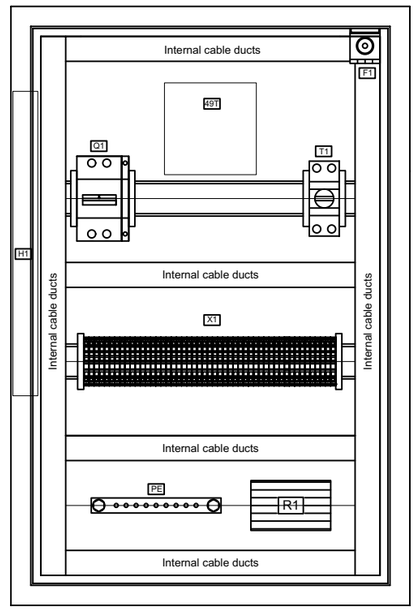
Frontal view



Left side view

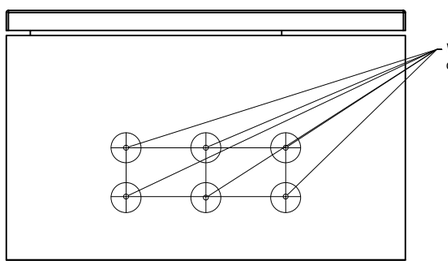


Internal view



PE BAR IS GROUNDED ON INTERNAL PLATE
OF THE PANEL BOX

Bottom view



AUXILIARY CONTROL PANEL	
PROTECTION DEGREE :	IP65
VENTILATION :	NATURAL
BOX MATERIAL :	STAINLESS STEEL 15/10
INTERNAL REMOVABLE PLATE :	STELL 15/10

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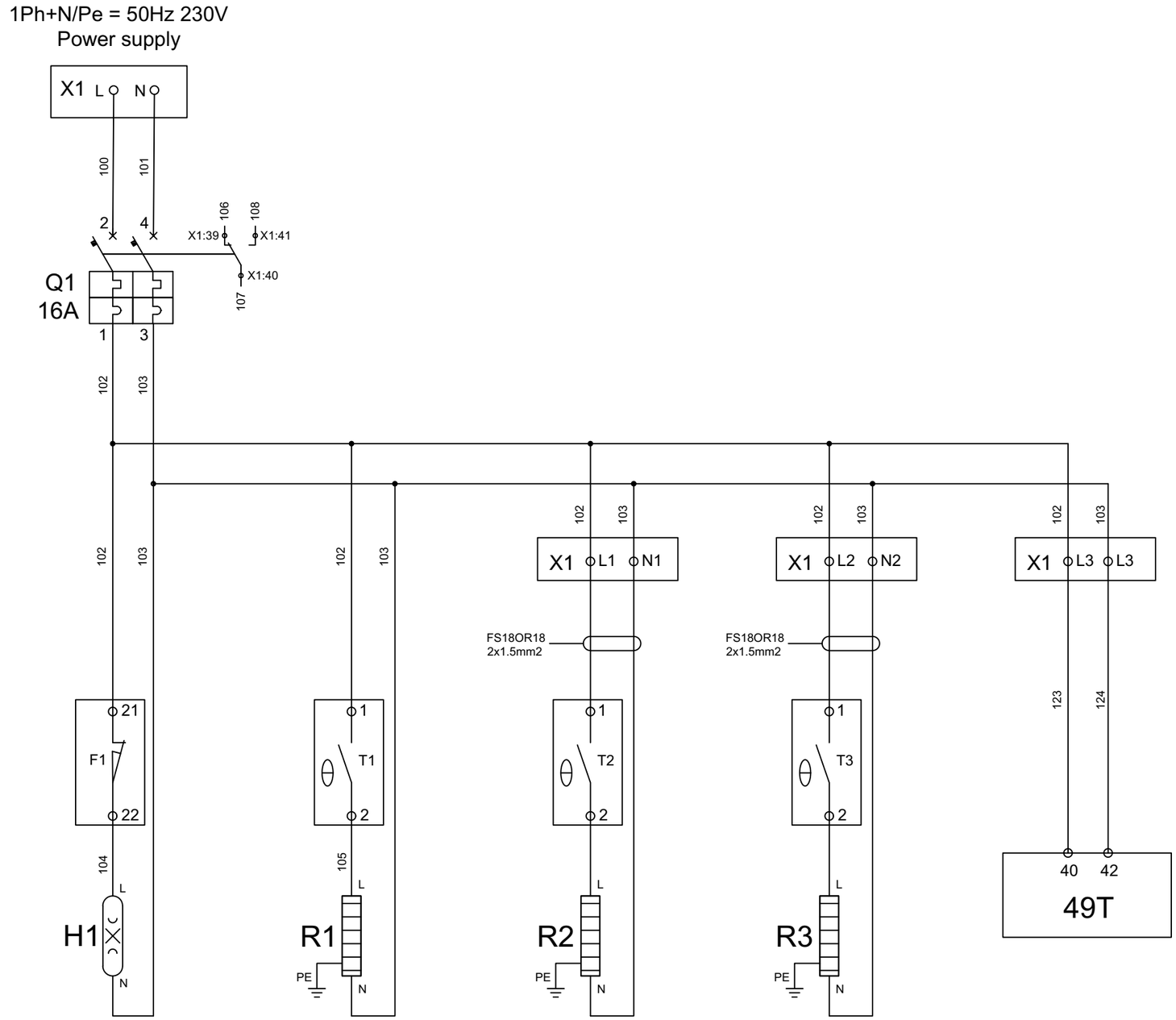
TITLE : BASE LOAD POWER HUB (BLPH)
TR-200ED1 Termination and Wiring Diagram
LAYOUT – AUXILIARY CONTROL PANEL

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TITLE : BASE LOAD POWER HUB (BLPH)
TR-200ED1 Termination and Wiring Diagram
INTERNAL POWER CIRCUIT DIAGRAM

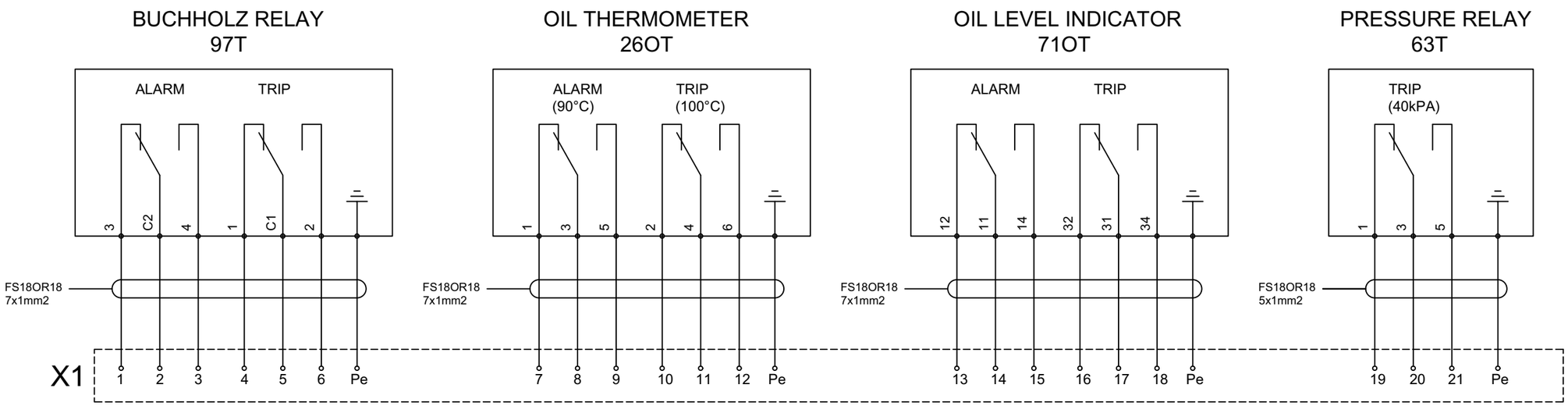
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

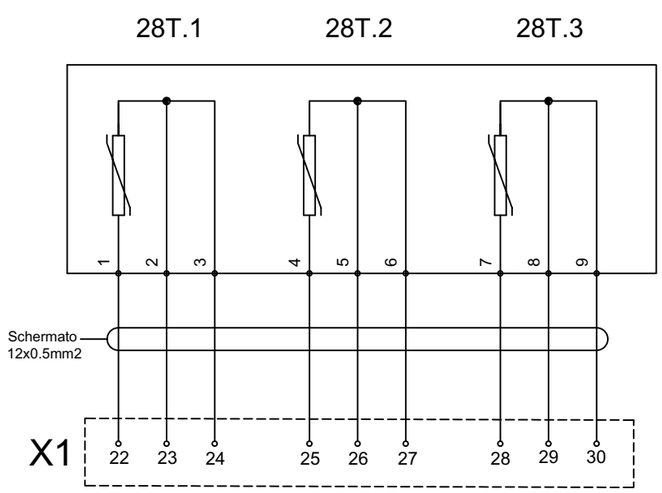
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File Name : 1723001697-EL-DG-00012 Rev. 02

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PROTECTION DEVICES ON TRANSFORMER





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TR-200ED1 Termination and Wiring Diagram
PROTECTION DEVICES ON TRANSFORMER

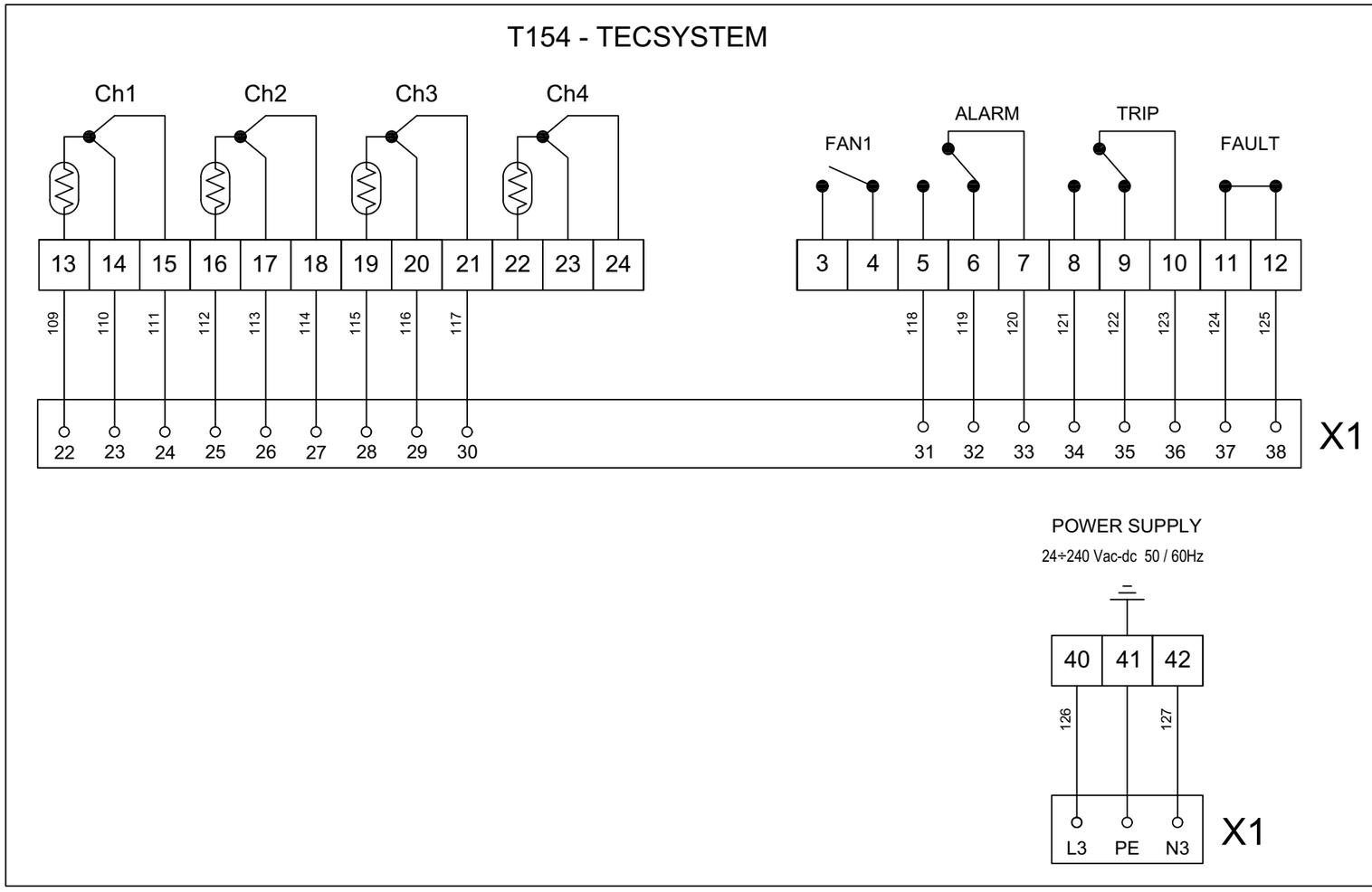
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F.to UNI A3: 420mmx297mm

File Name : 1723001697-EL-DG-00012 Rev. 02

WINDING TEMPERATURE INDICATOR - 49T



SETTING:

- OIL WINDING: 95°C
- TRIP WINDING: 105°C

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TITLE : BASE LOAD POWER HUB (BLPH)
TR-200ED1 Termination and Wiring Diagram
THERMAL CONTROL UNIT

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

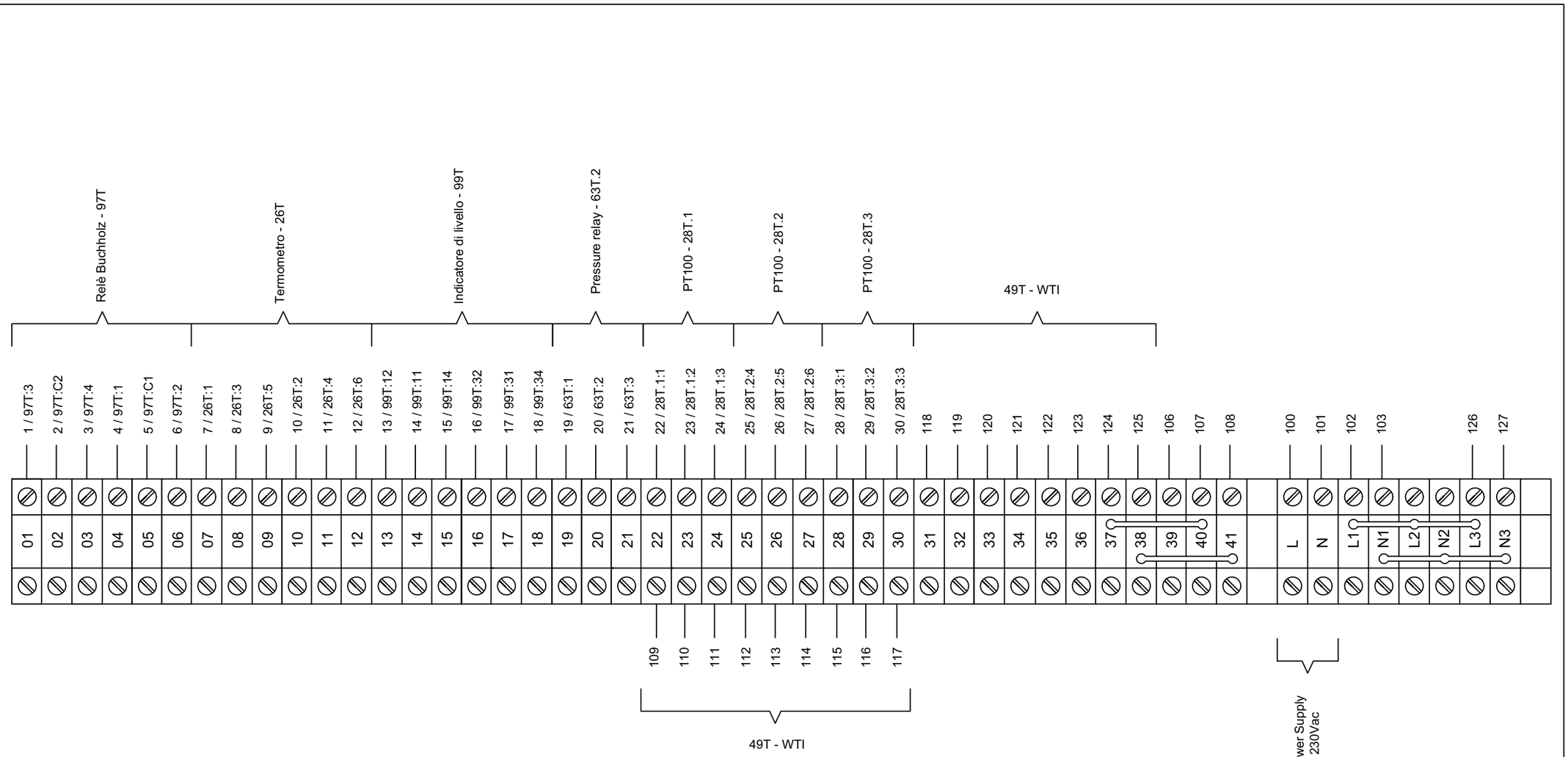
DRAWING NO. 1723001697-EL-DG-00012

SHEET 006

REV. 02

F.to UNI A3: 420mmx297mm

File Name : 1723001697-EL-DG-00012 Rev. 02



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TITLE : BASE LOAD POWER HUB (BLPH)
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TERMINAL STRIP

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1723001697-EL-DG-00012

SHEET 007

REV. 02

F.to UNI A3: 420mmx297mm

File Name : 1723001697-EL-DG-00012 Rev. 02

Label	Description	Supplier	Model No.	Quantity	
Q1	MCB	ABB	S202 - C16 + S2C - H6R	1	
H1	CONTROL PANEL LAMP	ARTELETA	230V - 8W	1	
F1	MICROSWITCH	PIZZATO	FM 1815-S1	1	
R1	CONTROL PANEL HEATER - 15W	FANDIS	HWM015	1	
T1	CONTROL PANEL THERMOSTAT	FANDIS	TRT-10A230V-NCF	1	
R2	H.V. 6.6kV - CABLE BOX HEATER - 100W	FANDIS	HWM0100	1	
T2	H.V. 6.6kV - CABLE BOX HEATER THERMOSTAT	FANDIS	TRT-10A230V-NCF	1	
R3	L.V. 420V - CABLE BOX HEATER - 100W	FANDIS	HWM0100	1	
T3	L.V. 420V - CABLE BOX HEATER THERMOSTAT	FANDIS	TRT-10A230V-NCF	1	
49T	THERMAL CONTROL UNIT	TECSYSTEM	T154	1	
X1	TERMINAL STRIP	PHOENIX	ST2.5	46	

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TITLE : BASE LOAD POWER HUB (BLPH)
TR-200ED1 Termination and Wiring Diagram
EQUIPMENT LIST

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1723001697-EL-DG-00012

SHEET 008

REV. 02

F.to UNI A3: 420mmx297mm

File Name : 1723001697-EL-DG-00012 Rev. 02