



Goudsmit Magnetic Systems
 Petunialaan 19
 5582 HA Waalre
 The Netherlands
 Phone +31 (0)40 - 2213283

Customer Name: Customer Name xxxxx
 Customer Number: Customer Number XXXXXX
 Country: The Netherlands
 Language: English

Project Name: Terminal box demagnetizing tunnel
 Project Number: project Number xxxxx
 Product Description: HDTU-E-TB-NA-N-N
 Product Number: E0148617
 Make: TNR

Designer:	mv	Supply Voltage:	400V AC
Design Date:	11-1-2023	Nominal Power:	5.2 to 7.6 kW
Edit Date:	12-1-2023	Max Supply Current:	13 to 19.1 A
Revision Number:	Rev D	Control Voltage:	24V DC
Revision Status:		ATEX:	No Atex

Number of pages 11

			Date	12-8-2022	Terminal box demagnetizing tunnel project Number xxxxx	Goudsmit Magnetic Systems	HDTU-E-TB-NA-N-N E0148617	Title Page	=
			Ed.	mv					
			Appr.						
Modification	Date	Name	Original		Replacement of	Replaced by			Page 1 / 11

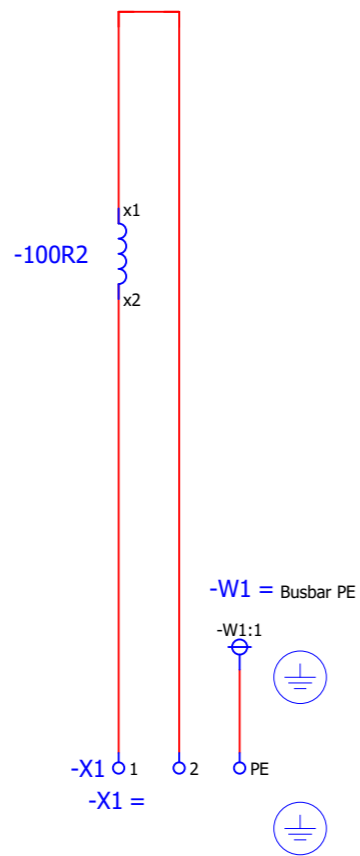
Project overview

PAGE NUMBERING	
1	Title page
2	Project Overview
3	Revision overview
4	Page overview
100	Mains supply
110	Power supplies
150	Main circuit
200	Control Circuit
300	-
400	PLC overview
500	PLC I/O
600	-
700	-
800	Cabinet Layout
900	Bill of material
920	Components list
940	Terminal Plan
990	Textplates

TERMINAL NUMBERING	
X0	Mains supply
X1	Main power
X2	Control Voltage 230VAC
X3	Control Voltage 24 VAC
X4	Control Voltage 24 VDC
X5	Analog Signals (Field)
X6	Digital Signals (Field)
X7	External Signals (Customer)
X8	EEX i
X9	-

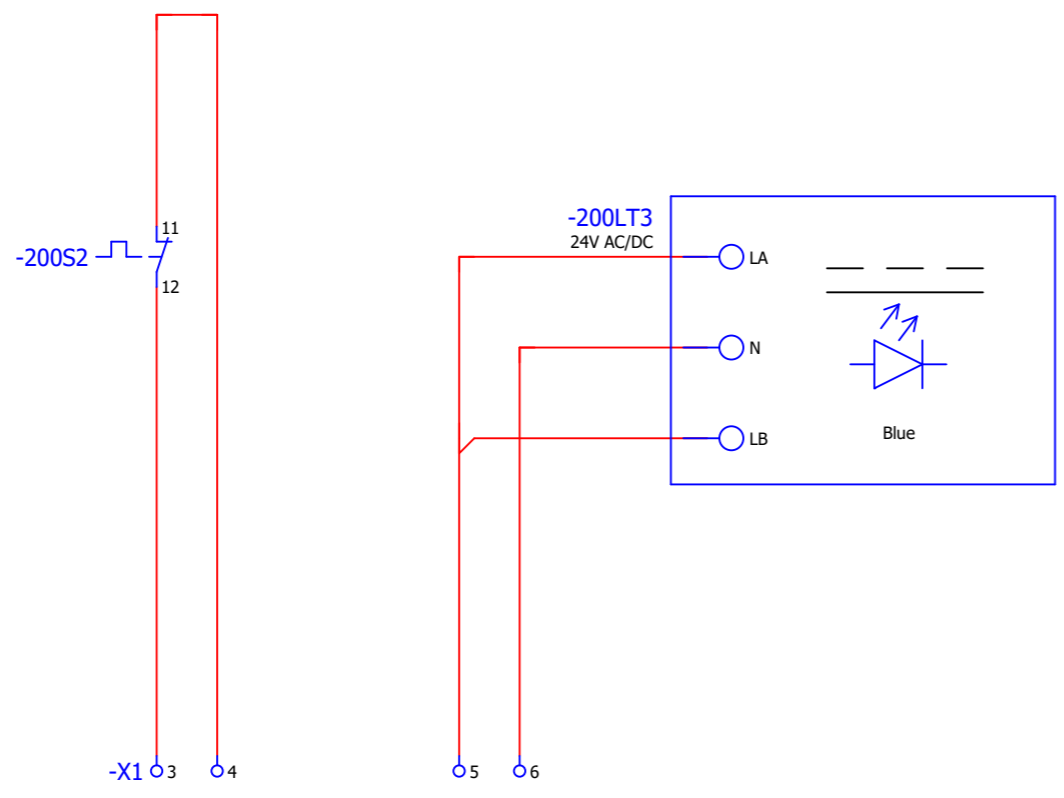


COLOR CODE INTERNAL WIRING		
Main voltage 400/230VAC	Phase	Black
	Neutral	Lightblue
	Earth	Yellow/Green
Control voltage 230VAC	Phase	Red
	Switch wire	Red
	Neutral	Red
Control voltage 24VAC	Phase (L)	Grey
	Switch wire	Grey
	Neutral (N)	Grey
Control voltage 24VDC	Phase (+)	Darkblue
	Switch wire	Darkblue
	Neutral (-)	Darkblue
Control voltage 12VDC	Phase (+)	White
	Switch wire	White
	Neutral (-)	White
Measurement		Purple
External signals (potential free contacts)		Orange
EEx i		Blue



Demagnetizing
Coil
400V AC

				Date	12-1-2023	Terminal box demagnetizing tunnel project Number xxxxx	Goudsmit Magnetic Systems	HDTU-E-TB-NA-N-N E0148617	Mains Power	=
				Ed.	mv					
				Appr.						
Modification	Date	Name	Original	Replacement of	Replaced by					
										Page 100
										Page 5 / 11

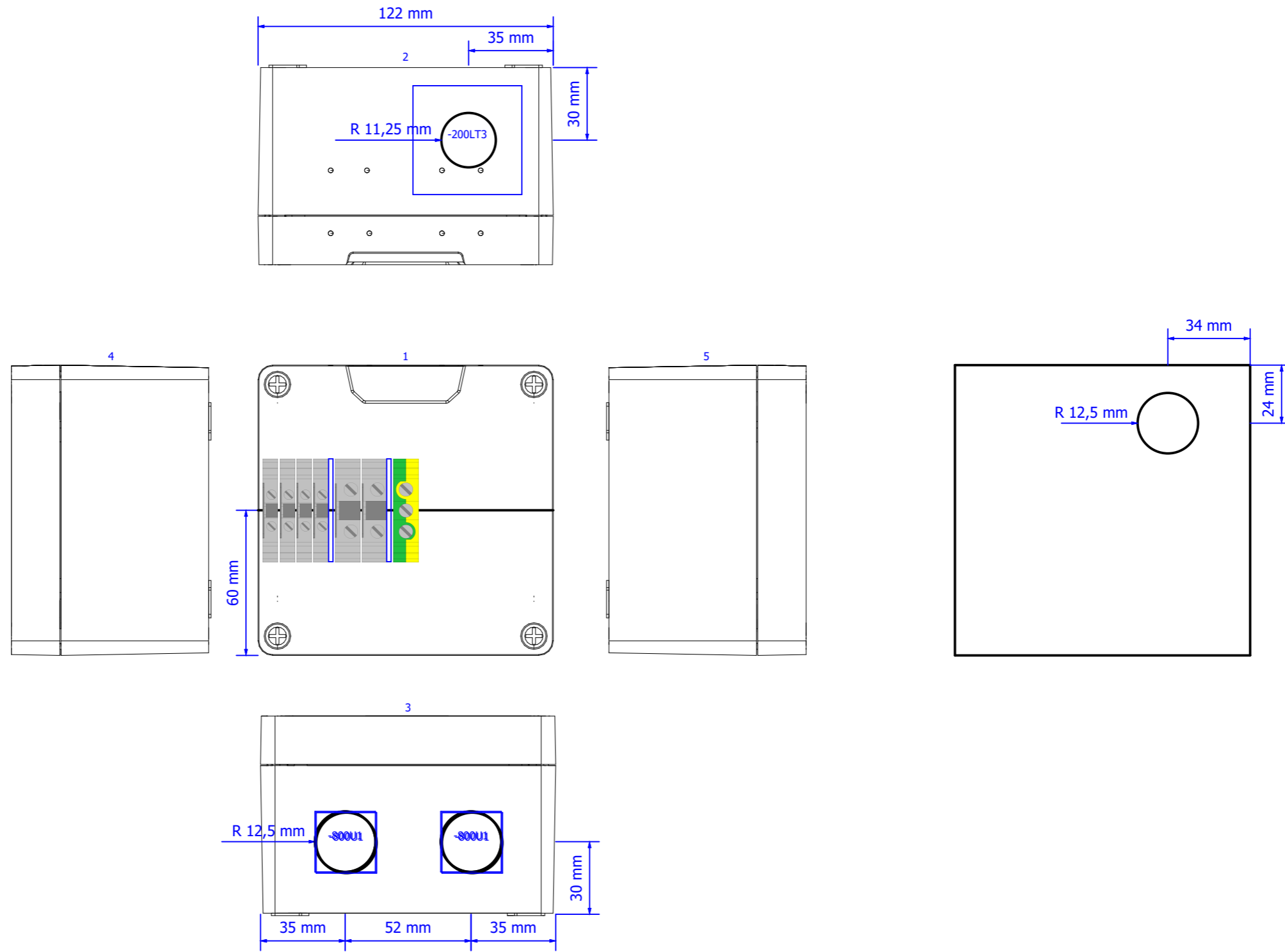


Clixon
(Max 1A, 230V AC)

Beacon Light
Demag On
24V AC/DC

		Date	11-1-2023	Terminal box demagnetizing tunnel project Number xxxxx	Goudsmit Magnetic Systems	HDTU-E-TB-NA-N-N E0148617	Control Circuit 24VDC	=
		Ed.	mv					
		Appr.						
Modification	Date	Name	Original	Replacement of	Replaced by			





Date	12-1-2023		
Ed.	mv		
Appr.			
Modification	Date	Name	Original

Terminal box demagnetizing tunnel project Number xxxxx	
Replacement of	Replaced by

Goudsmit Magnetic Systems
GOUDSMIT
 MAGNETICS




HDTU-E-TB-NA-N-N
 E0148617

Cabinet Layout

=	
+	
Page	800
Page	7 / 11

Textplates

RESOPALS	
-	-
-	-
-	-
-	-
-	-

TEXTPLATE	
  	
www.goudsmitmagnets.com	
CONTROL BOX	E0148617
VOLTAGE:	400V AC
CURRENT:	13 to 19.1 A
POWER:	5.2 to 7.6 kW
<hr/> Goudsmit Magnetics, Petunialaan 19, 5582 HA, Waalre, The Netherlands <small>UK authorised representative:</small> Goudsmit UK Ltd, 1st Floor, Riverview, The Green, Tullynacross Rd, Lisburn, BT27 5SR, United Kingdom	

RESOPAL PROPERTIES	
Resopal dimension	45x15mm
Resopal color	White
Text color	Black