





THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF PT. INDUSTRIAL KERETA API INDONESIA. THE RECIPIENT HEREOF, BY ACCEPTING ACCESS TO THIS DOCUMENT ASSUMES CUSTODY AND CONTROL UNDER A CONFIDENTIAL RELATIONSHIP AND AGREES THAT ALL RIGHTS TO THE DRAWING, TO BE MANUFACTURED, USED, SOLD OR DISCLOSED TO OTHERS. THIS DRAWING ARE NOT TO BE COPIED OR REPRODUCED WITHOUT PERMISSIONS FROM PT. INDUSTRIAL KERETA API.


D	KA/DE/255/2024			SAB 28/11/2024	TRP 20/12/2024	RIE 07/01/2025
REV	CONTENTS			REVISED BY	CHECKED BY	APPROVED BY
				REVISION : <div>D</div>	DRAWING MASTER : (APPLICATION TO)	
					<div></div>	
2	KCI	TC2	INKA	RIE 30/10/2023	TITLE :SCHEMATIC DIAGRAM OF ENDWALL CONTROL PANEL B TC1 & TC2	
1	KCI	TC1	INKA	CHECKED BY :		
NO	ORDER	TYPE	STANDARD	TRP 30/10/2023		
NO OF SHEET : 6			SHEET : 1 OF 6	DRAWN BY : MDS 30/10/2023		
PROJECTION : ISO 128			SCALE	ORG DRG. NO :		
			UNIT (mm)	DRAWING NO  86.2-E12103		

86.2-E12103








Rev D :

1. Penambahan koneksi 181M pada TB to
2. Penambahan koneksi 264 dan 200K2 untuk exhaust fan
3. Marking 132L, 133L dan 133Y dihapus
4. Penambahan TB 100L3
5. Mengganti pin koneksi kontak relay yang tipe 2 kontak
6. Penambahan koneksi TMS HDLC Converter
7. Penambahan koneksi Digital Output TMS untuk master control buzzer

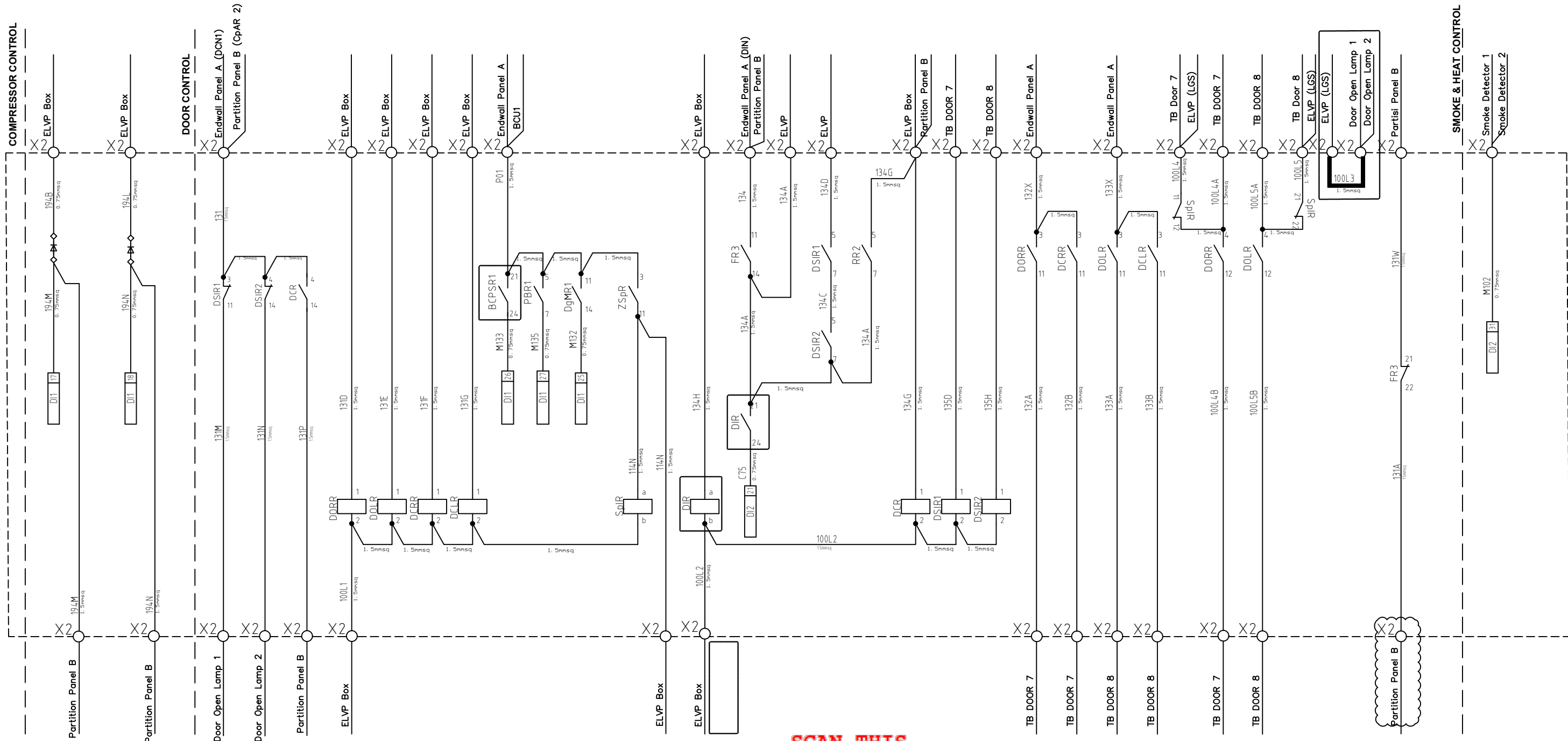


THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF PT. INDUSTRIAL KERETA API INDONESIA. THE RECIPIENT HEREOF, BY ACCEPTING ACCESS TO THIS DOCUMENT ASSUMES CUSTODY AND CONTROL UNDER A CONFIDENTIAL RELATIONSHIP AND AGREES THAT ALL RIGHTS TO THE DRAWING, TO BE MANUFACTURED, USED, SOLD OR DISCLOSED TO OTHERS, THIS DRAWING ARE NOT TO BE COPIED OR REPRODUCED WITHOUT PERMISSIONS FROM PT. INDUSTRIAL KERETA API.

D	KA/DE/255/2024			SAB 28/11/2024		TRP 20/12/2024		RIE 07/01/2025	
REV	CONTENTS			REVISED BY		CHECKED BY		APPROVED BY	
				REVISION : <div><div>D</div></div>		DRAWING MASTER : (APPLICATION TO)			
2	KCI	TC2	INKA	APPROVED BY : RIE 30/10/2023					
1	KCI	TC1	INKA	CHECKED BY : TRP 30/10/2023					
NO	ORDER	TYPE	STANDARD	DRAWN BY : MDS 30/10/2023					
NO OF SHEET : 6			SHEET : 2 OF 6	ORG DRG. NO :					
PROJECTION : ISO 128			SCALE		TITLE : SCHEMATIC DIAGRAM OF ENDWALL CONTROL PANEL B TC1 & TC2				
			UNIT (mm)		86.2-E12103				

86.2-E12103

# RELAY PANEL



SCAN THIS



Rev D :

1. Penambahan koneksi 181M pada TB
2. Penambahan koneksi 264 dan 200K2 untuk exhaust fan
3. Marking 132L, 133L dan 133Y dihapus
4. Penambahan TB 100L3
5. Mengganti pin koneksi kontak relay yang tipe 2 kontak
6. Penambahan koneksi TMS HDLC Converter
7. Penambahan koneksi Digital Output TMS untuk master control buzzer

Symbol	Description
BCN	Door Control NF8
CpAR	Couple Applied Relay
SpIR	Speed Interlock Relay
DSIR	Door Switch Indicator Relay
DOLp	Door Open Lamp
DCLp	Door Close Lamp
DORS	Door Open Right Switch
DCRS	Door Close Right Switch
DOLS	Door Open Left Switch
DCLS	Door Close Left Switch
DORR	Door Open Right Relay
DOLR	Door Open Left Relay
DCRR	Door Close Right Relay
DCLR	Door Close Left Relay
DOS	Disable Obstacle Switch

Symbol	Description
—	Jumper
□	Power TB
○	Control TB
◇	Diode TB
○	Busbar TB

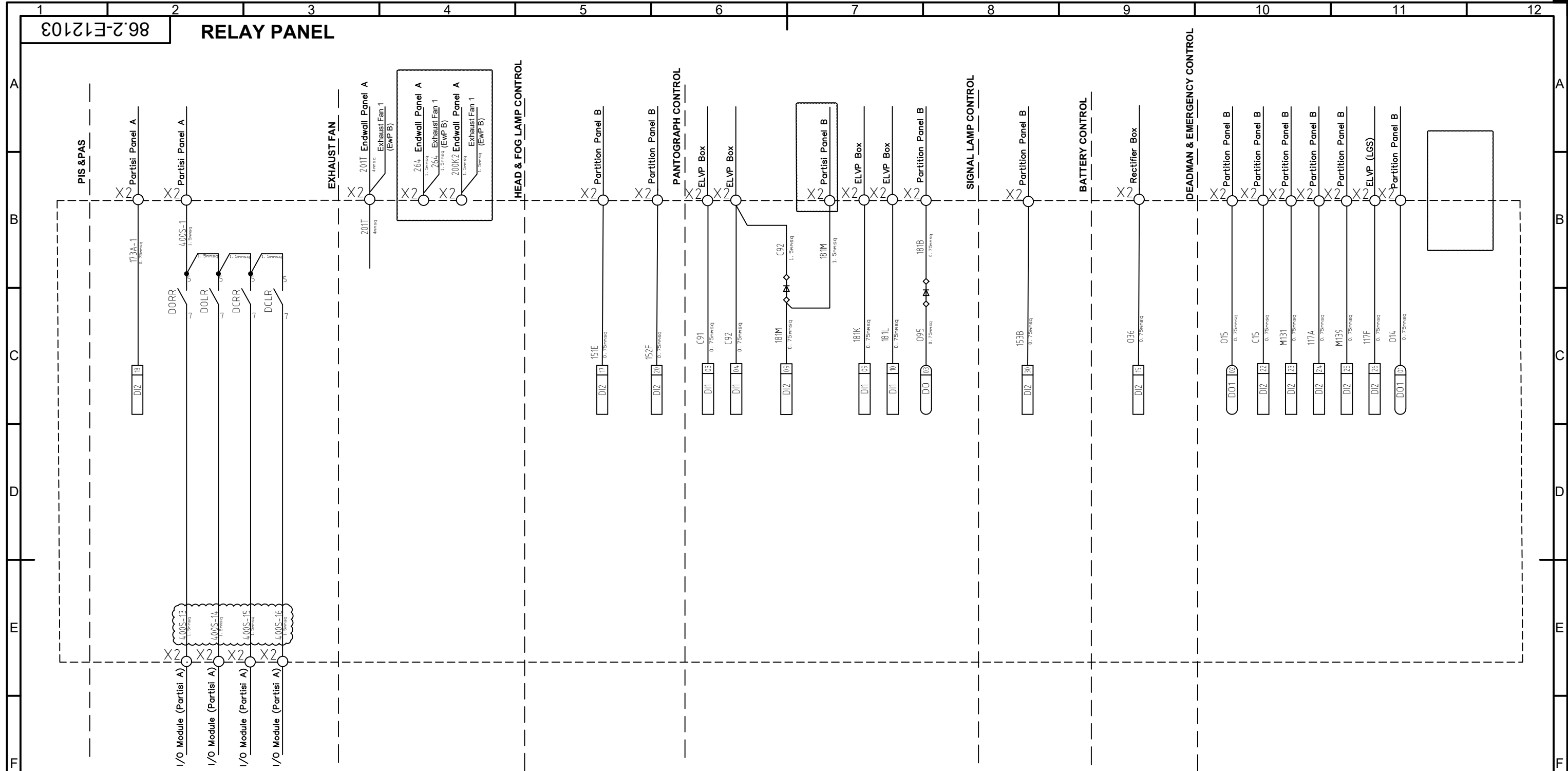
1	WIRING SYSTEM	LGA	06/012025	
NO	SPECIALIST	INITIAL	DATE	APPROVED

D	KA/DE/255/2024	SAB	28/11/2024	TRP	20/12/2024	RIE	07/01/2025
REV	CONTENTS	REVISED BY	CHECKED BY	APPROVED BY	REVISION : D		
					DRAWING MASTER : (APPLICATION TO)		
					APPROVED BY : RIE 30/10/2023		
					CHECKED BY : TRP 30/10/2023		
					DRAWN BY : MDS 30/10/2023		
					DRAWING NO		
					TITLE : SCHEMATIC DIAGRAM OF ENDWALL CONTROL PANEL B TC1 & TC2		
					ORG DRG. NO :		
					86.2-E12103		
					NO OF SHEET : 6 SHEET : 3 OF 6		
					PROJECTION : ISO 128 SCALE UNIT (mm)		

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF PT. INDUSTRI KERETA API INDONESIA. THE RECIPIENT HEREOF, BY ACCEPTING ACCESS TO THIS DOCUMENT ASSUMES CUSTODY AND CONTROL UNDER A CONFIDENTIAL REALTIONSHIP AND AGREES THAT ALL RIGHTS TO THE DRAWING, TO BE MANUFACTURED, USED, SOLD OR DISCLOSED TO OTHERS. THIS DRAWING ARE NOT TO BE COPIED OR REPRODUCED WITHOUT PERMISSIONS FROM PT. INDUSTRI KERETA API.

86.2-E12103

## RELAY PANEL



Rev D :

- Penambahan koneksi 181M pada TB to
- Penambahan koneksi 264 dan 200K2 untuk exhaust fan
- Marking 132L, 133L dan 133Y dihapus
- Penambahan TB 100L3
- Mengganti pin koneksi kontak relay yang tipe 2 kontak
- Penambahan koneksi TMS HDLC Converter
- Penambahan koneksi Digital Output TMS untuk master control buzzer

SCAN THIS



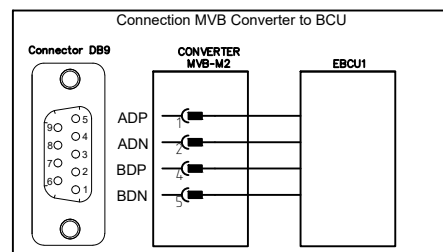
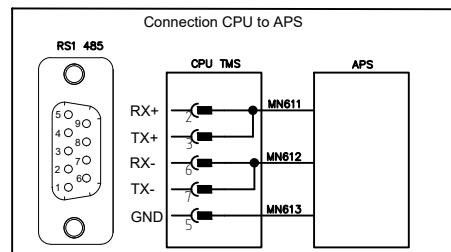
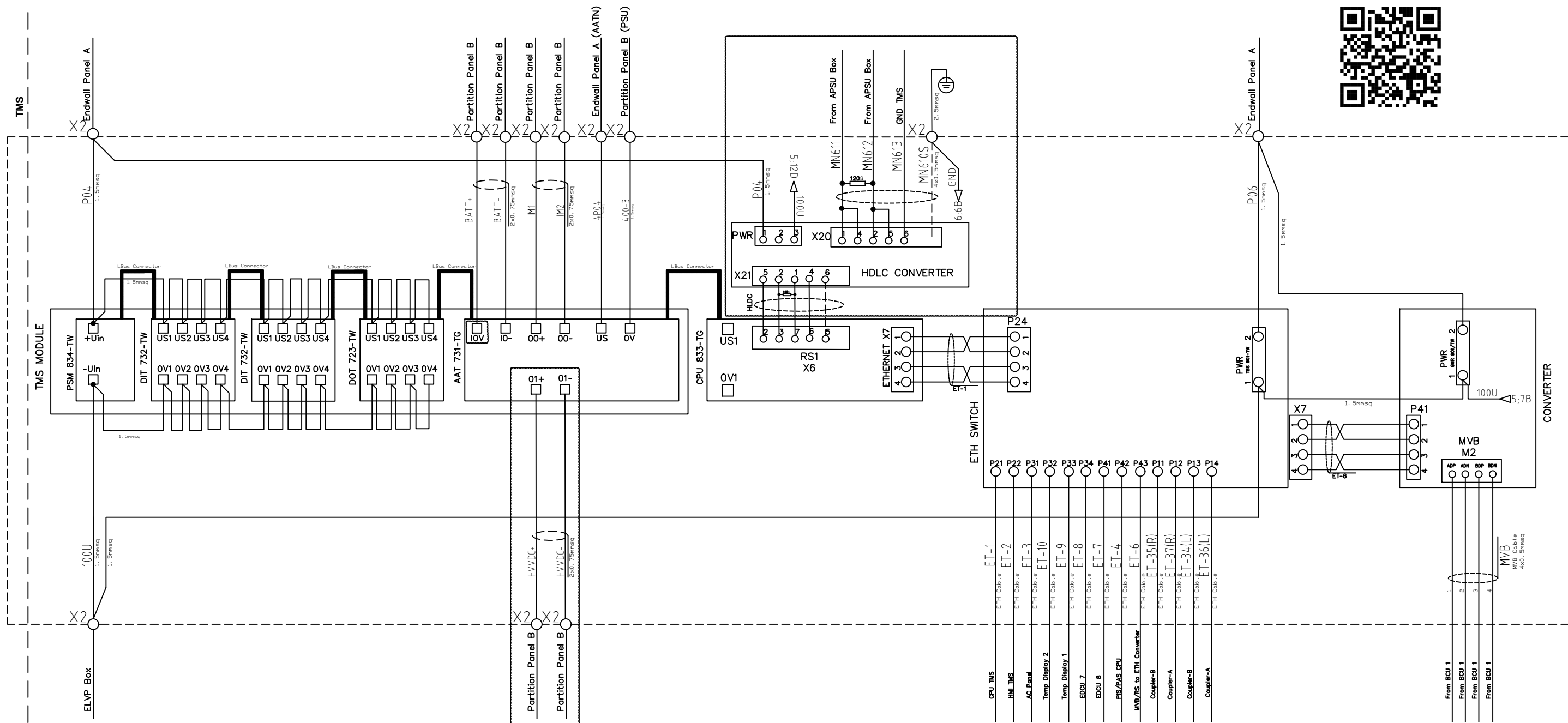
Symbol	Description
	Jumper
	Power TB
	Control TB
	Diode TB
	Busbar TB

1	WIRING SYSTEM	LGA	06/01/2025	
NO	SPECIALIST	INITIAL	DATE	APPROVED

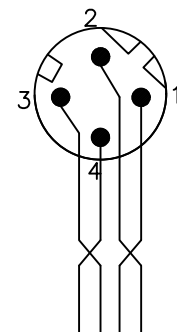
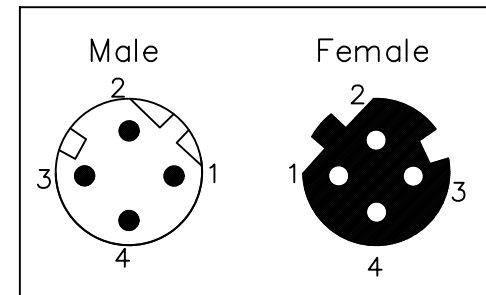
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF PT. INDUSTRI KERETA API INDONESIA. THE RECIPIENT HEREOF, BY ACCEPTING ACCESS TO THIS DOCUMENT ASSUMES CUSTODY AND CONTROL UNDER A CONFIDENTIAL REALTIONSHIP AND AGREES THAT ALL RIGHTS TO THE DRAWING, TO BE MANUFACTURED, USED, SOLD OR DISCLOSED TO OTHERS. THIS DRAWING ARE NOT TO BE COPIED OR REPRODUCED WITHOUT PERMISSIONS FROM PT. INDUSTRI KERETA API.

D	KA/DE/255/2024	SAB	28/11/2024	TRP	20/12/2024	RIE	07/01/2025
REV	CONTENTS	REVISED BY	CHECKED BY	APPROVED BY	DRAWING MASTER : (APPLICATION TO)		
					APPROVED BY :		
					RIE		
					CHECKED BY :		
					TRP		
					DRAWN BY :		
					MDS		
					DRAWING NO		
					86.2-E12103		

SCAN THIS



Symbol	Description
	Jumper
	Power TB
	Control TB
	Diode TB

ETH Switch  
TMS WiringETH Switch  
TMS Connector

NO	SPECIALIST	INITIAL	DATE	APPROVED
1	WIRING SYSTEM	LGA	06/01/2025	

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF PT. INDUSTRI KERETA API INDONESIA. THE RECIPIENT HEREOF, BY ACCEPTING ACCESS TO THIS DOCUMENT ASSUMES CUSTODY AND CONTROL UNDER A CONFIDENTIAL REALTIONSHIP AND AGREES THAT ALL RIGHTS TO THE DRAWING, TO BE MANUFACTURED, USED, SOLD OR DISCLOSED TO OTHERS. THIS DRAWING ARE NOT TO BE COPIED OR REPRODUCED WITHOUT PERMISSIONS FROM PT. INDUSTRI KERETA API.

Rev D :

- Penambahan koneksi 181M pada TB to
- Penambahan koneksi 264 dan 200K2 untuk exhaust fan
- Marking 132L, 133L dan 133Y dihapus
- Penambahan TB 100L3
- Mengganti pin koneksi kontak relay yang tipe 2 kontak
- Penambahan koneksi TMS HDLC Converter
- Penambahan koneksi Digital Output TMS untuk master control buzzer

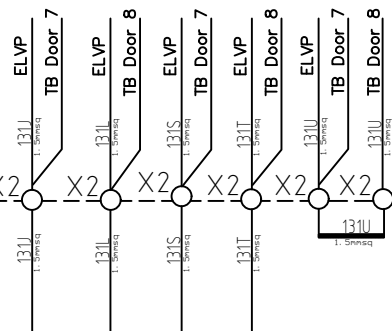
D	KA/DE/255/2024	SAB	28/11/2024	TRP	20/12/2024	RIE	07/01/2025
REV	CONTENTS	REVISED BY	CHECKED BY	APPROVED BY	REVISION	D	DRAWING MASTER : (APPLICATION TO)
					APPROVED BY :	RIE	30/10/2023
					CHECKED BY :	TRP	30/10/2023
					DRAWN BY :	MDS	30/10/2023
NO OF SHEET :	6	SHEET :	5 OF 6	PROJECTION : ISO 128	SCALE	UNIT (mm)	DRAWING NO
							86.2-E12103



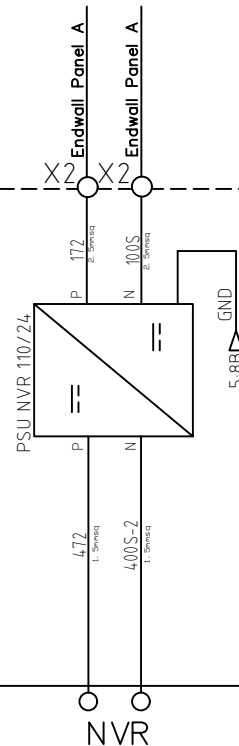
86.2-E12103

# PIS-PAS PANEL

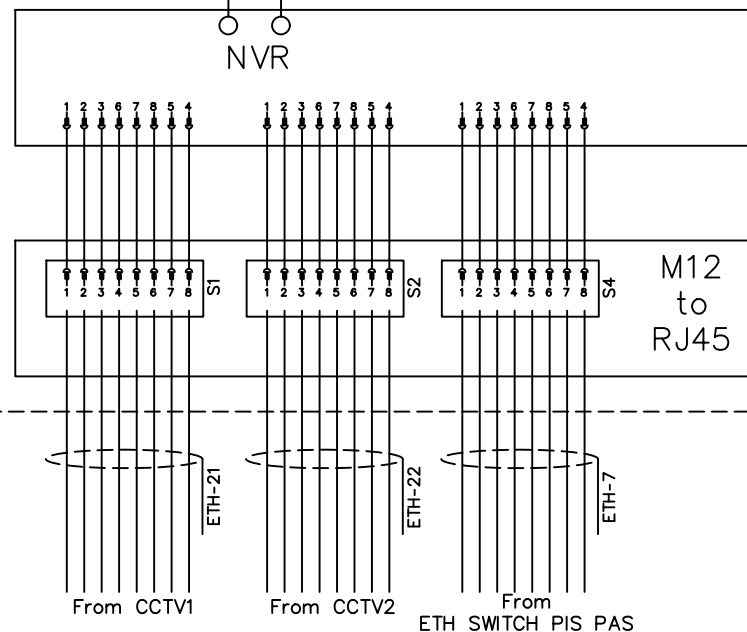
DOOR CONTROL



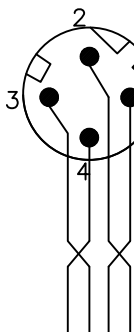
PIS & PAS



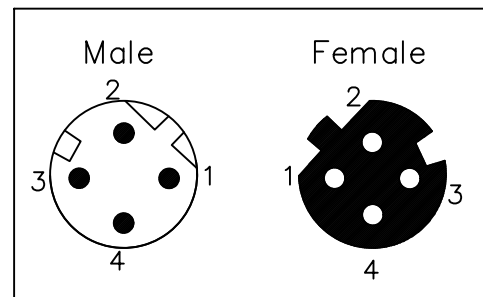
NVR



ETH Switch  
TMS Wiring



ETH Switch  
TMS Connector



1	WIRING SYSTEM	LGA	06/01/2025	
NO	SPECIALIST	INITIAL	DATE	APPROVED

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF PT. INDUSTRI KERETA API INDONESIA. THE RECIPIENT HEREOF, BY ACCEPTING ACCESS TO THIS DOCUMENT ASSUMES CUSTODY AND CONTROL UNDER A CONFIDENTIAL REALTIONSHIP AND AGREES THAT ALL RIGHTS TO THE DRAWING, TO BE MANUFACTURED, USED, SOLD OR DISCLOSED TO OTHERS. THIS DRAWING ARE NOT TO BE COPIED OR REPRODUCED WITHOUT PERMISSIONS FROM PT. INDUSTRI KERETA API.

SCAN THIS



Symbol	Description
—	Jumper
□	Power TB
○	Control TB
○—○	Diode TB

Rev D :

- Penambahan koneksi 181M pada TB to
- Penambahan koneksi 264 dan 200K2 untuk exhaust fan
- Marking 132L, 133L dan 133Y dihapus
- Penambahan TB 100L3
- Mengganti pin koneksi kontak relay yang tipe 2 kontak
- Penambahan koneksi TMS HDLC Converter
- Penambahan koneksi Digital Output TMS untuk master control buzzer

D	KA/DE/255/2024	SAB	28/11/2024	TRP	20/12/2024	RIE	07/01/2025
REV	CONTENTS	REVISED BY	CHECKED BY	APPROVED BY	REVISION : D		
					DRAWING MASTER : (APPLICATION TO)		
					APPROVED BY : RIE 30/10/2023		
					CHECKED BY : TRP 30/10/2023		
					DRAWN BY : MDS 30/10/2023		
					TITLE : SCHEMATIC DIAGRAM OF ENDWALL CONTROL PANEL B TC1 & TC2		
					ORG DRG. NO :		
					DRAWING NO		
					86.2-E12103		
					NO OF SHEET : 6		
					SHEET : 6 OF 6		
					PROJECTION : ISO 128		
					SCALE		
					UNIT (mm)		