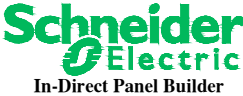
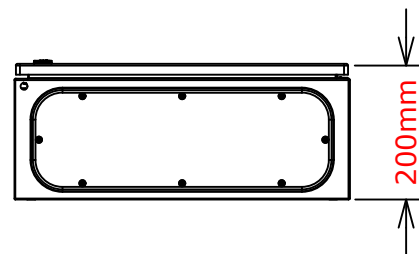
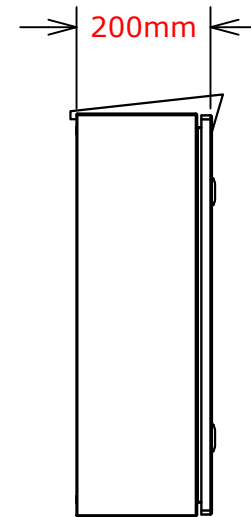
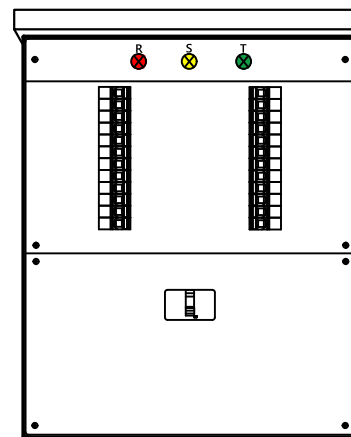
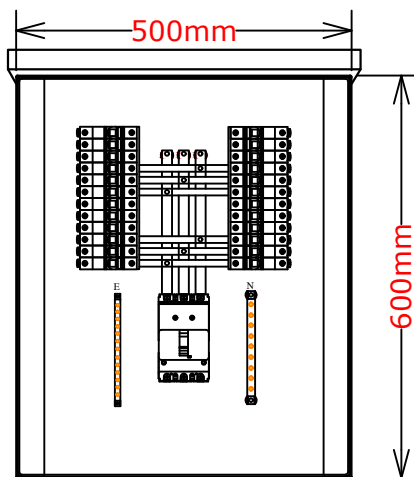
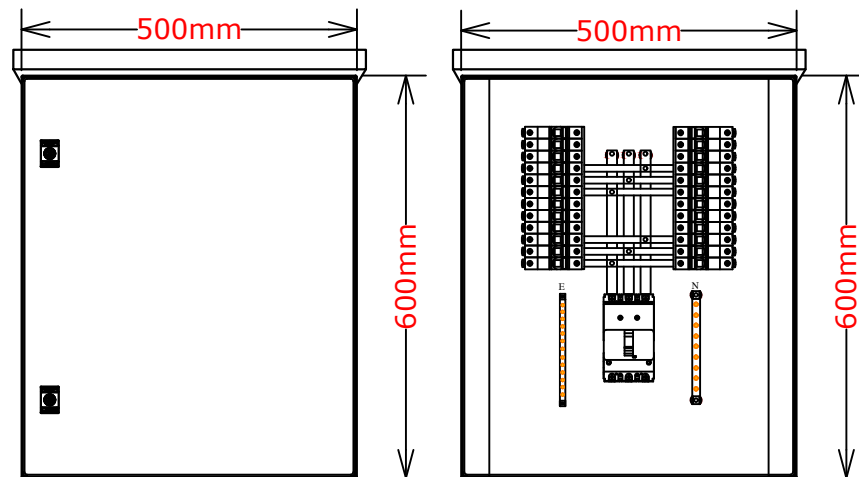


1		2		3		4		5		6		7		8		9		10	
A																			A
B																			B
C													B	23/09/2026	Issue For Approval	MOHAMED EMAD	MOHAMED GAD	AHMED NASSER	C
													NO.	Date	Revisions	Designed & Drew	Checked	Approved	
D																			D
E													PROJECT :- Low Voltage Panel						E
													CUSTOMER :- STEM COMPANY						
F																			F
G	Approved		AHMED NASSER		Page Title : COVER		 		PROJECT :-		Low Voltage Panel		Offer No. :-		Item No :- 1/2		G		
	Designed & Drew		MOHAMED EMAD						CUSTOMER :-		STEM COMPANY		AN-0926-448R01		Panel Qty :- 1				
	Date		23/09/2026												Sheet. 1				
	REV.Description		Issue For Approval										Panel Name :-		Total sheets.4				
	Revision		B										DB-01		PO : PO-26-63				
1		2		3		4		5		6		7		8		9		10	

SYMBOL	LETTER CODE	DESCRIPTION	SYMBOL	LETTER CODE	DESCRIPTION	SYMBOL	LETTER CODE	DESCRIPTION
	Q	CIRCUIT BREAKER			CONTACT-NO		MX	SHUNT TRIP
	Q	ISOLATOR			CONTACT-NC		MN	UNDER VOLTAGE RELEASE
	Q	SWITCH			CHANGEOVER CONTACT(NO-NC)		H	INDICATION LIGHT(PILOT)
	Q	DISCONNECT SWITCH		PB	PUSH BUTTON-NO		H	INDICATION LIGHT(LED)
	Q	MOTOR CIRCUIT BREAKER		PB	PUSH BUTTON-NC		TR	VOLTAGE TRANSFORMER
				S	LIMIT SWITCH-NO			
	Q	EARTH LEAKAGE CIRCUIT BREAKER		S	LIMIT SWITCH-NC		HR	HEATING RESISTOR
		DRAW-OUT			THERMAL OVERLOAD RELAY		V	VOLTMETER
		MAGNETIC OVERCURRENT			TIME DELAY CONTACT-NO		A	AMMETER
		THERMAL OVERCURRENT			TIME DELAY CONTACT-NC		SS	SELECTOR SWITCH
		MECHANICAL INTERLOCK			OVERLOAD CONTACT-NO		FU	FUSE
		CONTROL OPERATED BY MOTOR			OVERLOAD CONTACT-NC		S0	SOCKET OUTLET
		DIODE		KM	CONTACTOR		M	MOTOR
		SURGE ARRESTER		K	CONTROL RELAY COIL		CT	CURRENT TRANSFORMER
				R	ON DELAY TIMER-RELAY COIL		C	CAPACITOR
					Photo Cell		X	TERMINAL BLOCK
		MICROLOGIC EXT NEUTRAL SENSOR						

Approved	AHMED NASSER	Page Title : SYMBOLS	 Schneider Electric In-Direct Panel Builder	PROJECT :- Low Voltage Panel	Offer No. :-	Item No :- 1/2
Designed & Drew	MOHAMED EMAD				AN-0926-448R01	Panel Qty :- 1
Date	23/09/2026			CUSTOMER :- STEM COMPANY	Panel Name :-	Sheet. 2
REV.Description	Issue For Approval				DB-01	Total sheets. 4
Revision	B					PO : PO-26-63





GENERAL CHARACTERISTICS

ELECTRICAL SPECIFICATIONS

SYSTEM VOLTAGE : 400V/230VAC 3PH+N+E
CONTROL VOLTAGE : 230/220AC 1PH+N
FREQUENCY : 50Hz
RATED CURRENT In : 100A
BREAKING CAPACITY ICU : 15 KA

ENCLOSURE SPECIFICATIONS

TYPE	: SCHNEIDER
MATERIAL	: SHEET STEEL
THICKNESS	: 1.5MM
FINISH	: RAL7035
SEGREGATION FORM	: FORM 1
MOUNTING	: SURFACE MOUNTED
DIMENSION (HxWxD)	: (600 x 500 x 200)MM
ENCLOSURE IP	: IP66

BUSBAR SPECIFICATIONS

MAIN	: 100A 2A/1mm
NEUTRAL	: 50% OF MAIN BB
EARTH	: 25% OF MAIN BB
MATERIAL	: CU
PLATING	: -

CONNECTIONS

```
INCOMING      : BOTTOM ENTRY
OUTGOINGS    : BOTTOM ENTRY
ACCESS       : FRONT
```

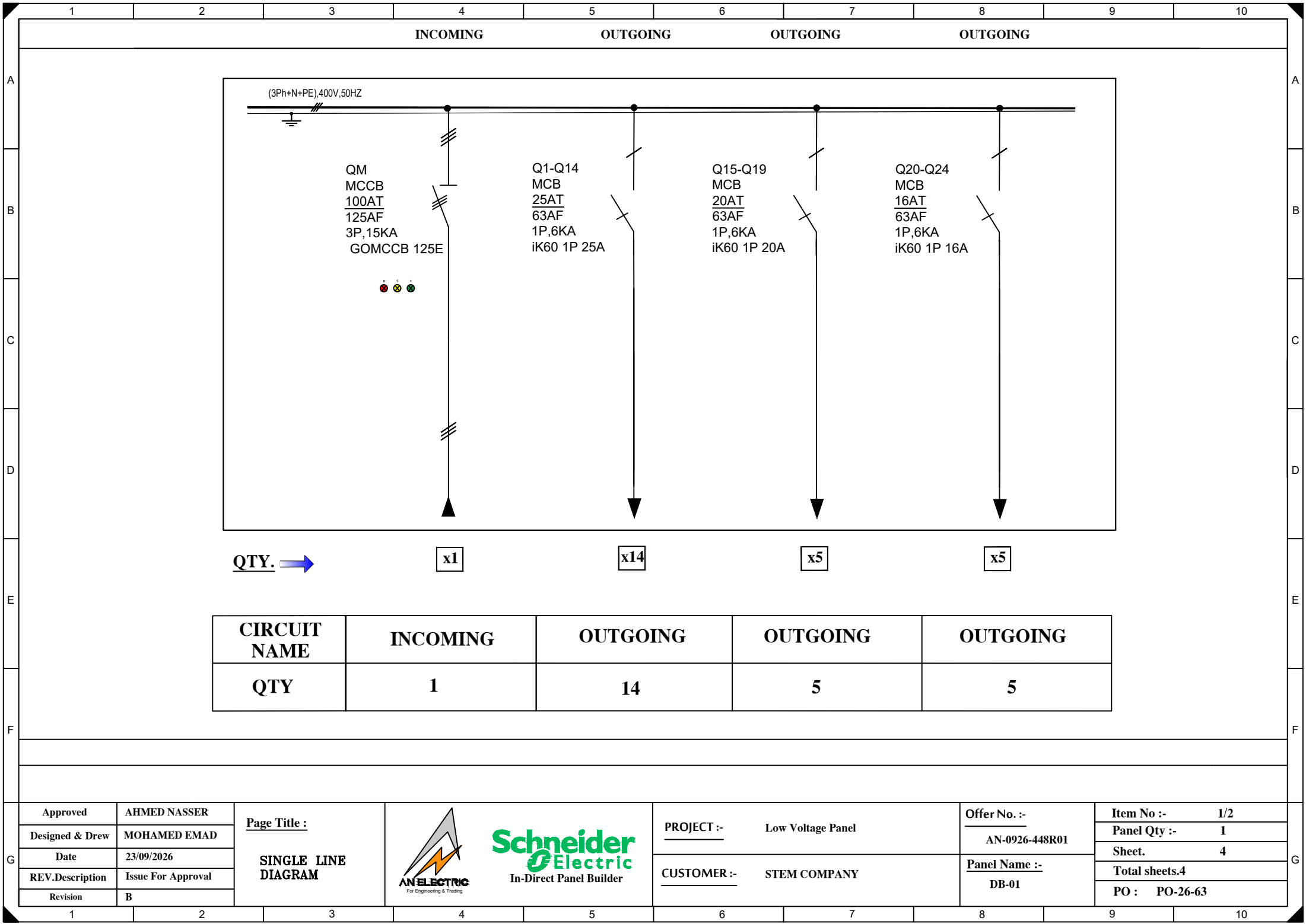
TYPE OF COOLING

COOLING : NATURAL COOLING

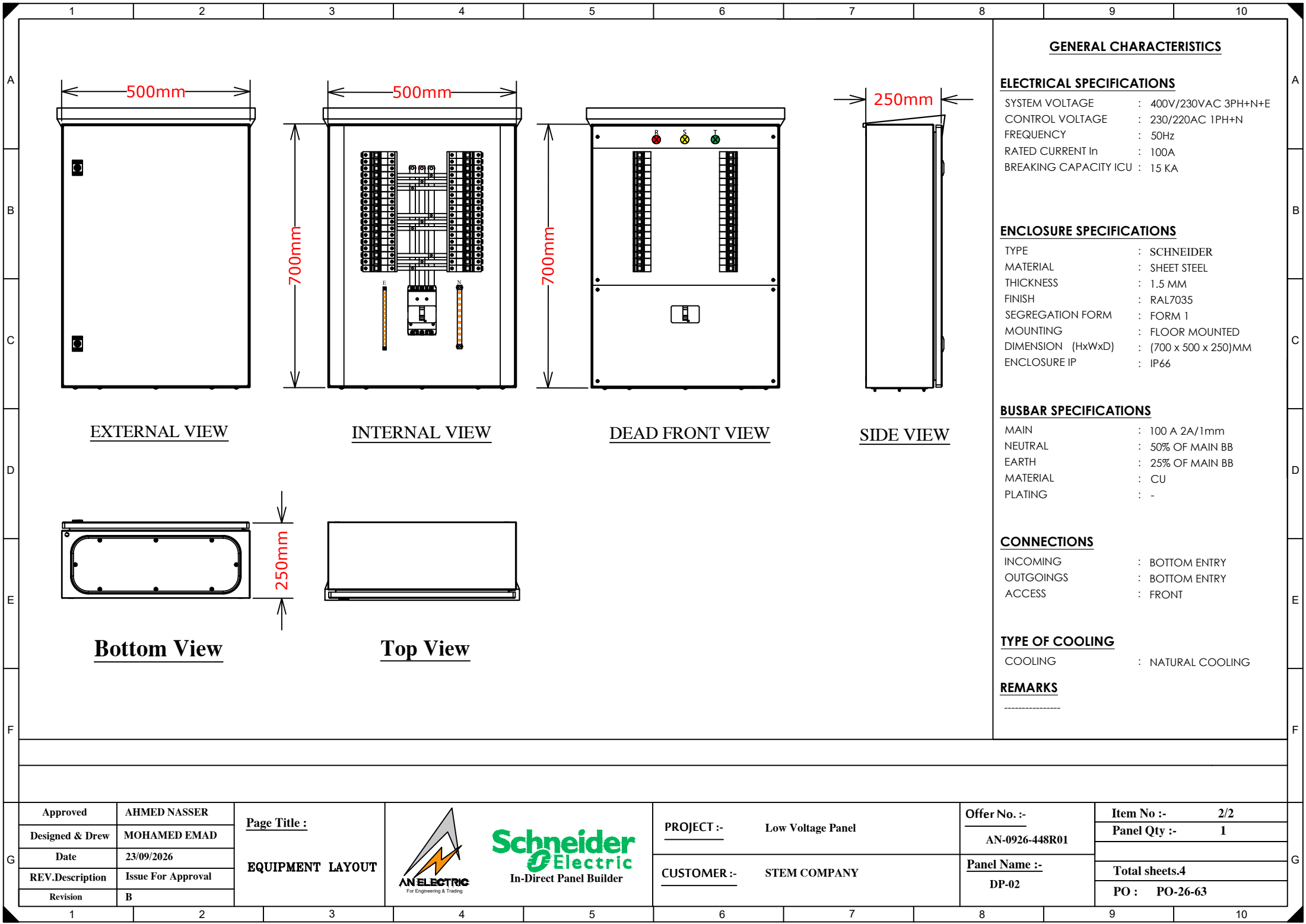
REMARKS

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Approved	AHMED NASSER	Page Title : EQUIPMENT LAYOUT ANELECTRIC For Engineering & Trading Schneider Electric In-Direct Panel Builder	PROJECT :- Low Voltage Panel	Offer No. :-	Item No :-
Designed & Drew	MOHAMED EMAD			AN-0926-448R01	1/2
Date	23/09/2026		CUSTOMER :- STEM COMPANY	Panel Name :- DB-01	Panel Qty :-
REV.Description	Issue For Approval				Sheet.
Revision	B				Total sheets.4
				PO :	PO-26-63



[illegible]



GENERAL CHARACTERISTICS

ELECTRICAL SPECIFICATIONS

SYSTEM VOLTAGE	: 400V/230VAC 3PH+N+E
CONTROL VOLTAGE	: 230/220AC 1PH+N
FREQUENCY	: 50Hz
RATED CURRENT In	: 100A
BREAKING CAPACITY ICU	: 15 kA

ENCLOSURE SPECIFICATIONS

TYPE	: SCHNEIDER
MATERIAL	: SHEET STEEL
THICKNESS	: 1.5 MM
FINISH	: RAL7035
SEGREGATION FORM	: FORM 1
MOUNTING	: FLOOR MOUNTED
DIMENSION (HxWxD)	: (700 x 500 x 250)MM
ENCLOSURE IP	: IP66

BUSBAR SPECIFICATIONS

MAIN	: 100 A 2A/1mm
NEUTRAL	: 50% OF MAIN BB
EARTH	: 25% OF MAIN BB
MATERIAL	: CU
PLATING	: -

CONNECTIONS

INCOMING	: BOTTOM ENTRY
OUTGOINGS	: BOTTOM ENTRY
ACCESS	: FRONT

TYPE OF COOLING

COOLING	: NATURAL COOLING
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REMARKS

G	Approved	AHMED NASSER	Page Title : EQUIPMENT LAYOUT		PROJECT :- Low Voltage Panel	Offer No. :- AN-0926-448R01	Item No :- 2/2
	Designed & Drew	MOHAMED EMAD					
	Date	23/09/2026			CUSTOMER :- STEM COMPANY	Panel Name :- DP-02	Panel Qty :- 1
	REV.Description	Issue For Approval					Total sheets.4
	Revision	B					PO : PO-26-63



QTY. 

QTY. 