

ELECMARKETING

Creator: Elecmarketing company

Project name: [Booster pump - 4 DRIVE - 4 Pump](#)

Panel name: [Booster pump panel](#)

Working mode: [FULL DRIVE](#)

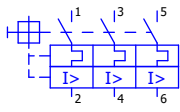
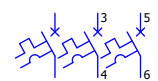
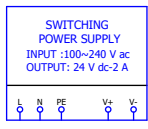
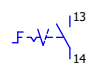
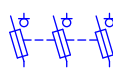
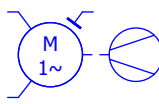
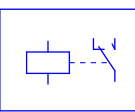
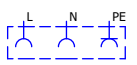
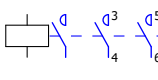
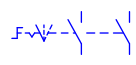
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 ELECMARKETING	
CREATOR : Elecmarketing Group	Drawing by : B.soltani
Page number : 1	Number of pages: 9
Page type : Graphic	Page Description : Table of contents
Project description: Boosterpump 4 DRIVE - 4 Pump	Mounting panel : MCP panel
CREATION DATE : 1403/10/20	Power supply 3Phase 400 Vac/50HZ
Manufacturer : Elecmarketing company	Checked by : ENG.MOUSAVI



[Scan: Telegram channel](#)

TAG	SIGN	DESCRIPTION	SYMBOL`s NAME	TAG	SIGN	DESCRIPTION	SYMBOL`s NAME
----		Auxiliary contact of control circuit diagram NO=normaly open NC=normaly close	CONTACT	-Q		MOTOR PROTECTION CIRCUIT BREAKER کلید حفاظتی اضافه بار موتور	MPCB
-U		Booster pump automatic control panel پنل کنترل اتوماتیک برنامه بوستر پمپ	Booster panel	-Q		Miniature circuit-breaker (3ph) کلید مینیاتوری سه فاز	MCB
-PS		Switching power supply 24 Vdc منبع تغذیه 24 ولت مستقیم	POWER SUPPLY	-Q		Miniature circuit-breaker (1ph) کلید مینیاتوری تکفاز	MCB
-P		Position selector switch (manually operated)-(0/1) کلید فرمان دو حالته	SELECTOR SWITCH	-F		Modular fuse carrier (3ph) فیوز کاریر	FUSE
-m		FAN automat temperator controller فن تهویه هوا تابلو	FAN	-R		Relays, contactors رله با کنتاکت های نرمال باز و بسته	Relay
-SOC		Internal 1ph socket پریز تابلویی	socket	-PHC		control phase protection relay رله حفاظتی کنترل فاز	PHASE CONTROL
-F		Terminal FUSE with glass fuse ترمینال فیوز	TERMINAL FUSE	-K		CONTACTOR (3ph) کنتاکتور	POWER RELAY
-H		LAMP SIGNALING چراغ سیگنال	SIGNAL	AUTO HAND		Position selector switch (AUTO HAND)-(0/1/2) کلید فرمان سه حالته دستی و اتومات	SELECTOR SWITCH
-X		TERMINAL BLOCK ترمینال ریلی تابلویی	TERMINAL	-K		COIL of contactor بویین کنتاکتور	BOIIN

NOTE : technical characteristics and current rating : according to design
توجه: مشخصات فنی و جریان نامی تجهیزات : مندرج در نقشه

Symbol table

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Page number : 2

Number of pages: 9

Page type :
Graphic

Page Description :
Symbol table

Mounting panel : MCP panel

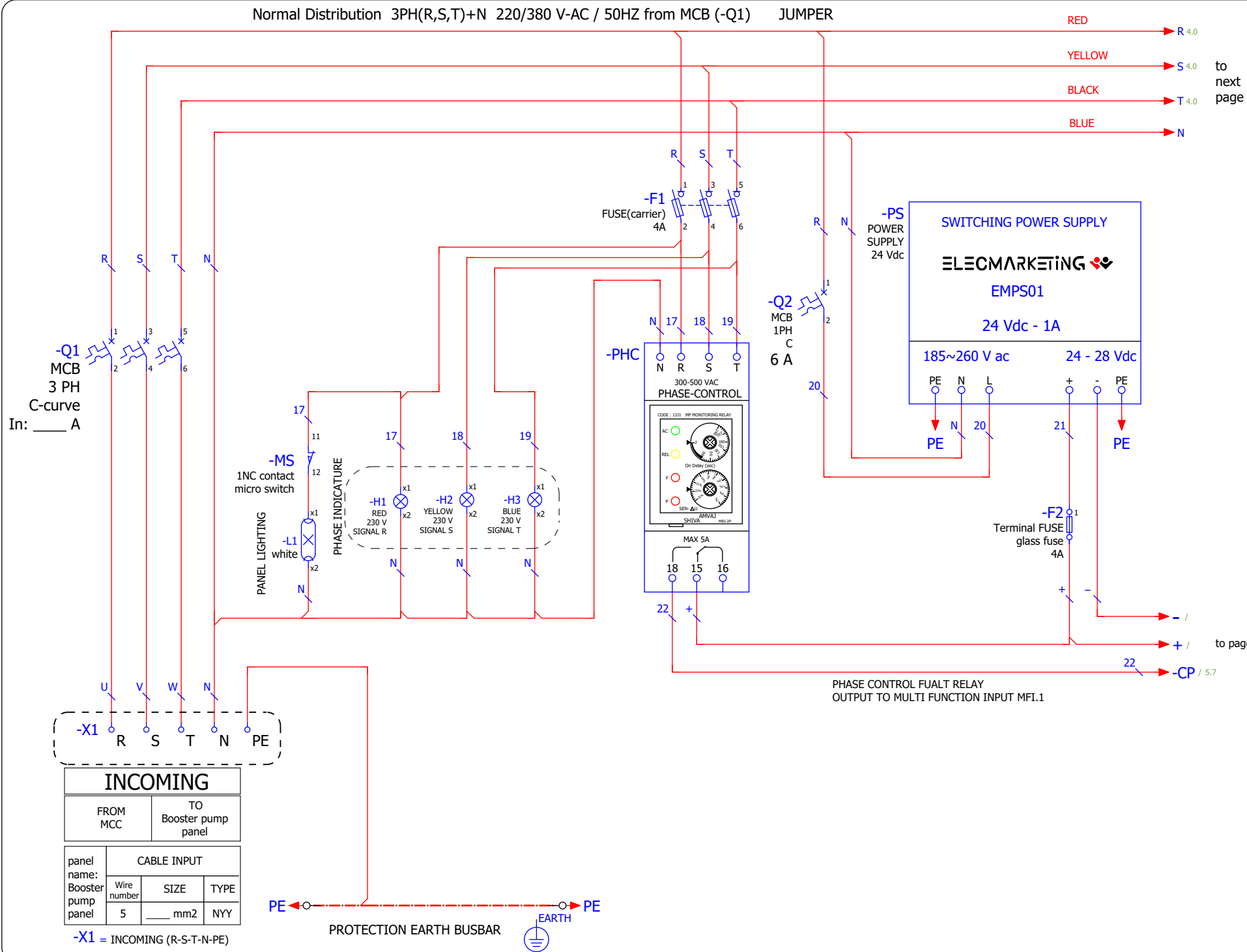
Project description:
Boosterpump
4 DRIVE - 4 Pump

Manufacturer : Elecmarketing company

Power supply
3Phase 400 Vac/50HZ

CREATION DATE :
1403/10/20

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INCOMING



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Page number : 3

Number of pages: 9

Page type :
Schematic single-line

Page Description :
INCOMING

Mounting panel : MCP panel

Project description:
Booster pump
4 DRIVE - 4 Pump

Power supply
3Phase 400 Vac/50HZ

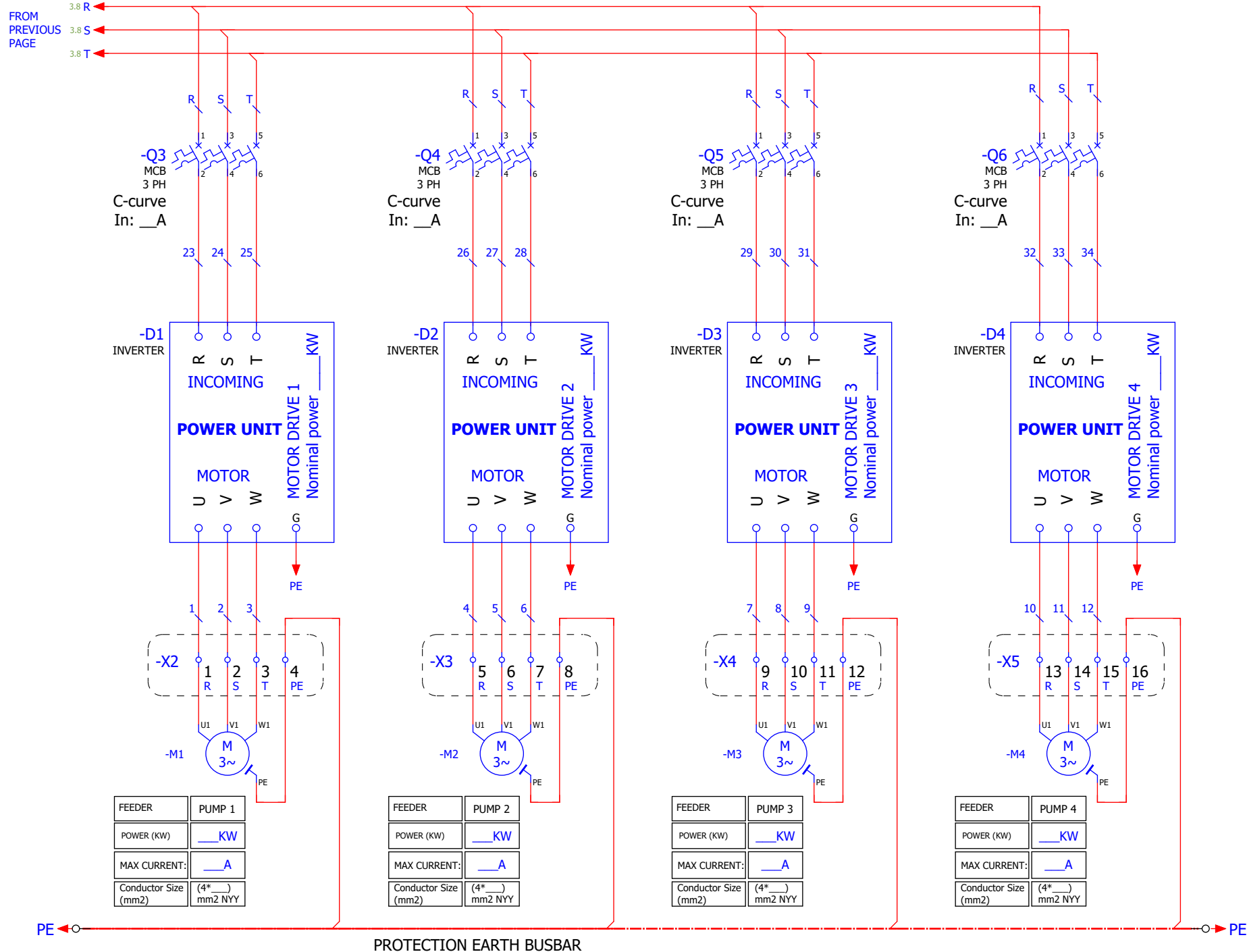
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Normal Distribution 3PH(R,S,T)+N 220/380 V-AC / 50HZ from MCB (-Q1) JUMPER

Power circuit diagram



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Page number : 4

Number of pages: 9

Page type :

Schematic single-line

Page Description :

Power circuit diagram

Mounting panel : MCP panel

Project description:

Booster pump

4 DRIVE - 4 Pump

Manufacturer : Elecmarketing company

Power supply

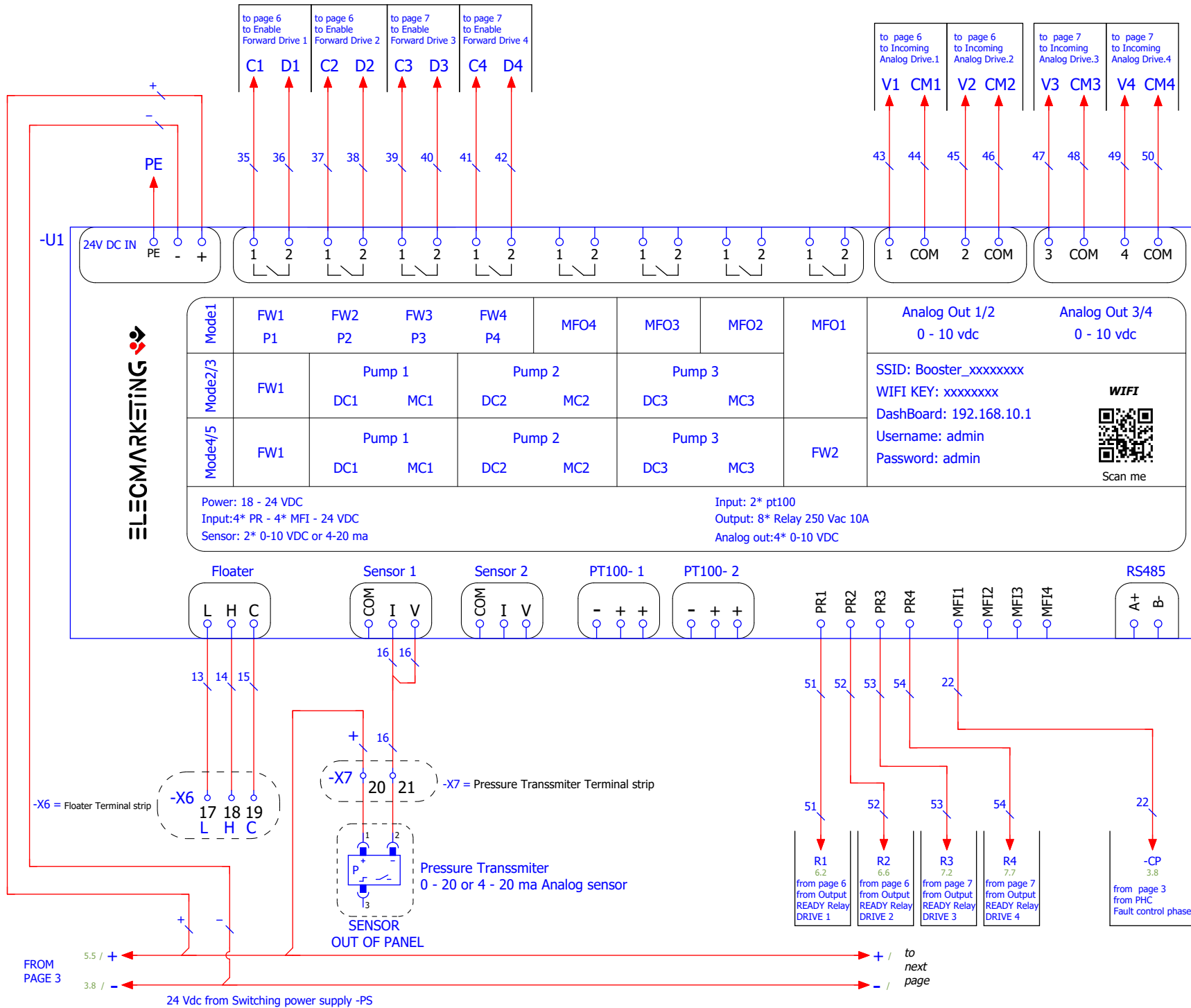
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CREATION DATE :

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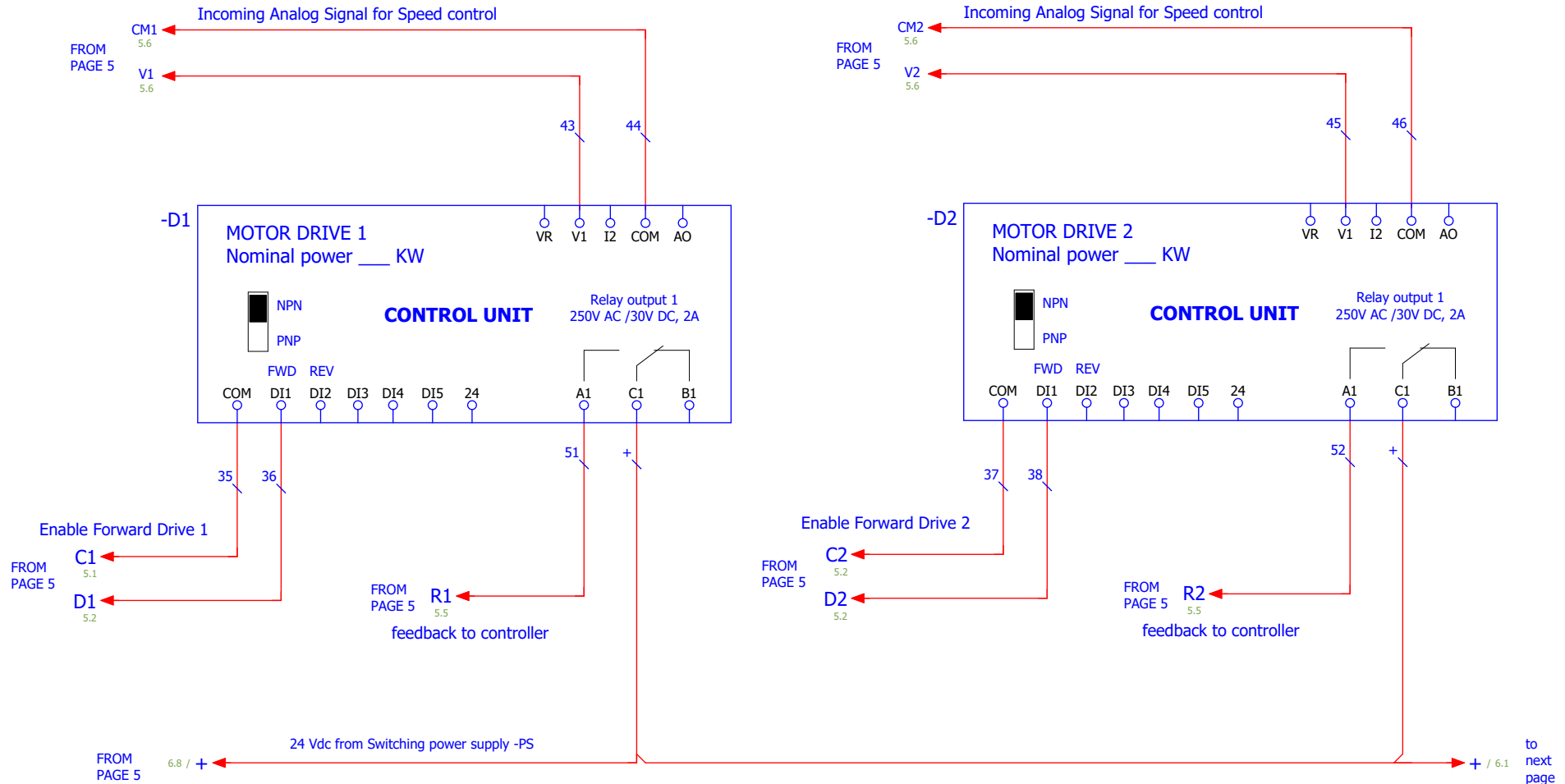
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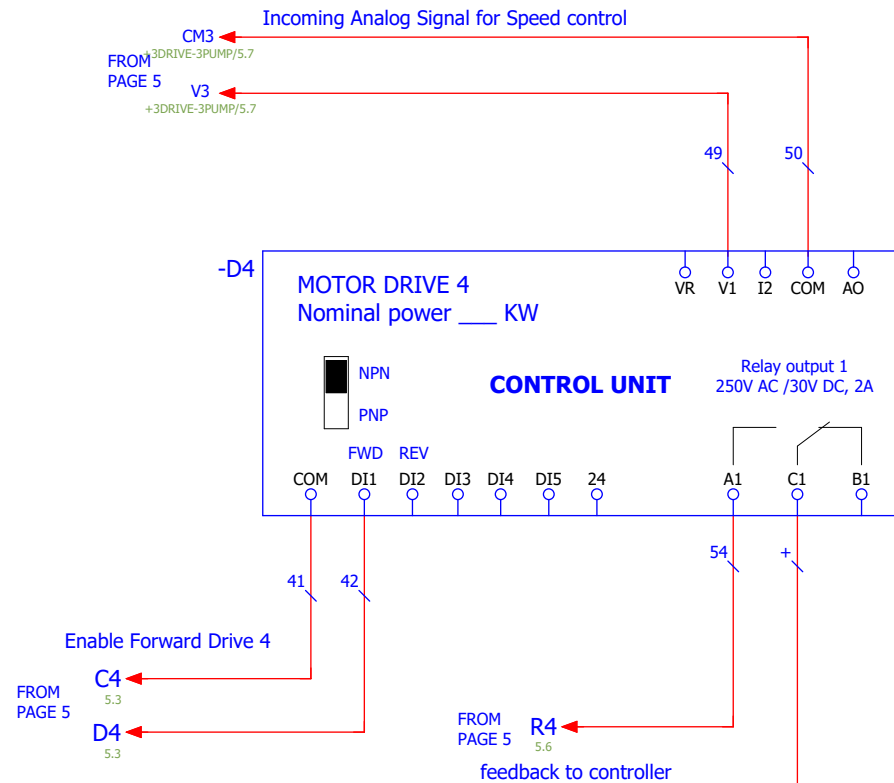
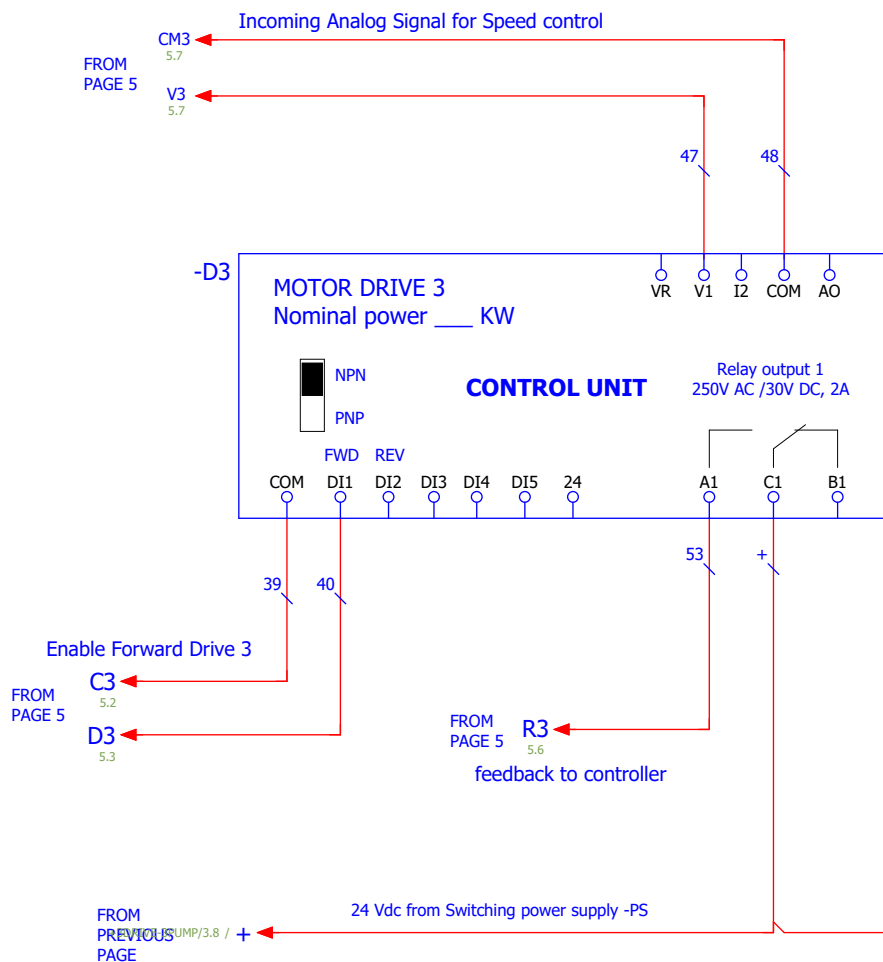
Controller schematic diagram

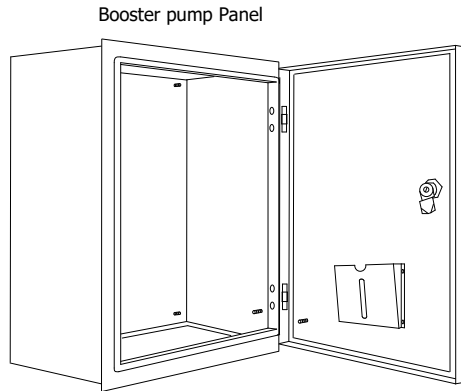
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Page type : Schematic single-line	Page Description : Controller schematic diagram
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	Power supply 3Phase 400 Vac/50HZ
	Mounting panel : MCP panel

Drive circuit diagram 1

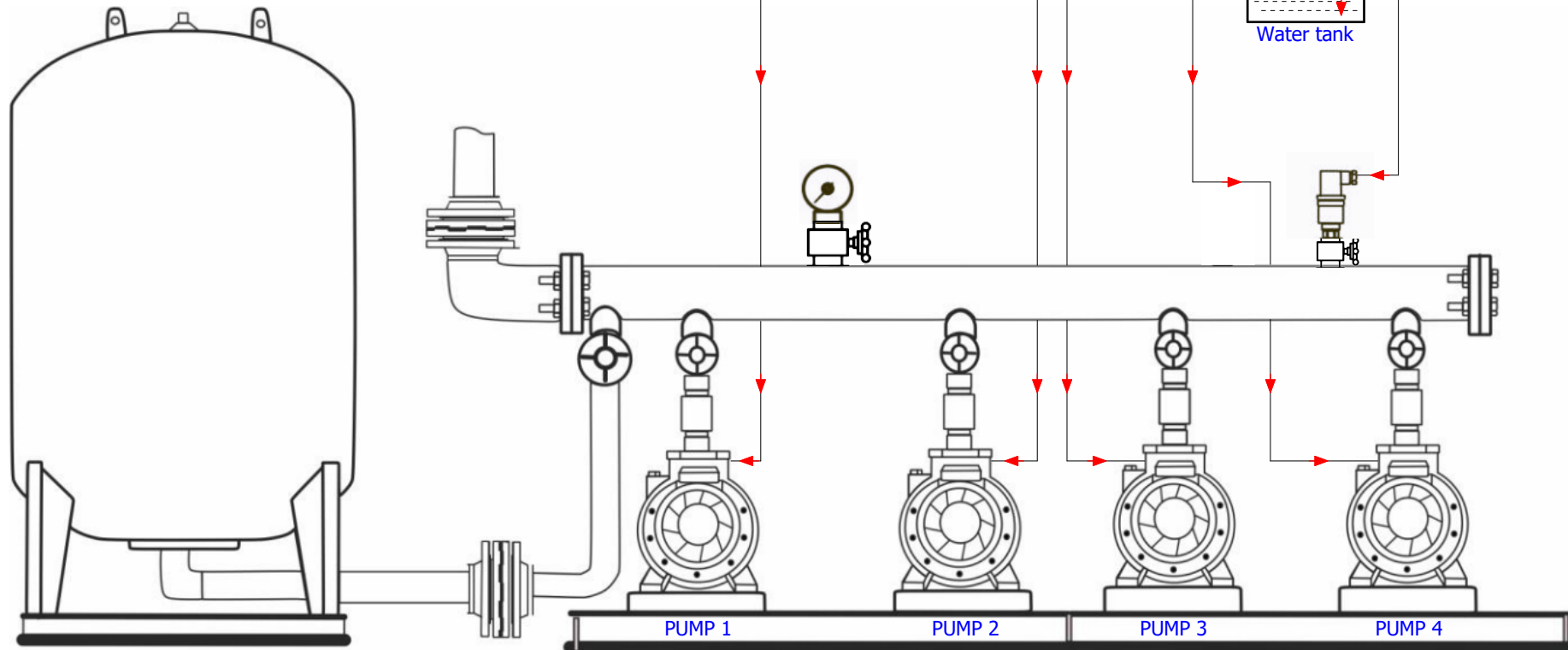


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Manufacturer : Elecmarketing company		Page Description : Drive circuit diagram 1	
Checked by : ENG.MOUSAVI	Power supply 3Phase 400 Vac/50HZ	Mounting panel : MCP panel	
		Number of pages: 9	Drawing by : B.soltani





CONSUMER	Incoming	pump 1	pump 2	pump 3	pump 4	Floater	Pressure Transmitter
TAG	-X1	-X2	-X3	-X4	-X5	-X6	-X7
TERMINAL STRIP							
number of terminal	R S T N	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15 16	17 18 19	20 21



Booster pump overview

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Page number : 8

Number of pages: 9

Page type :
Graphic

Page Description :
Booster pump overview

Mounting panel : MCP panel

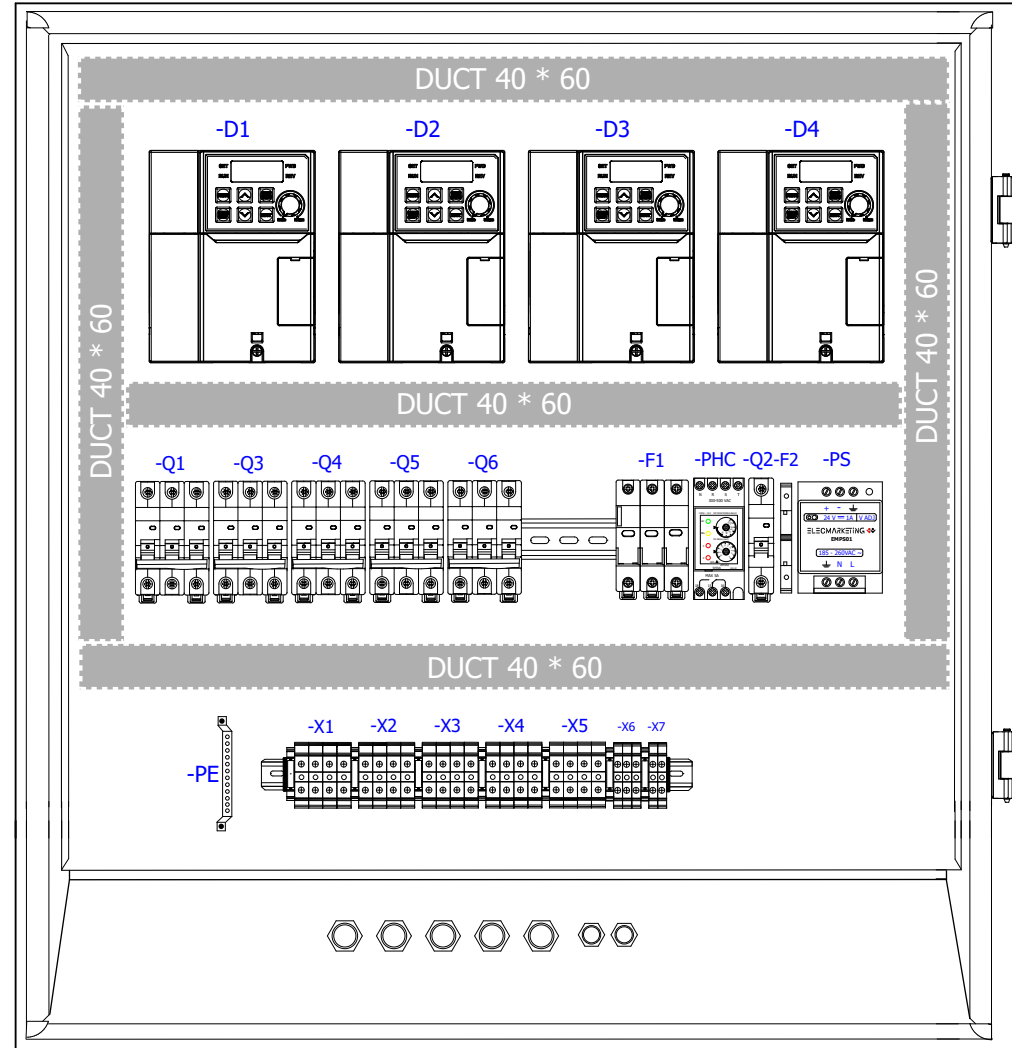
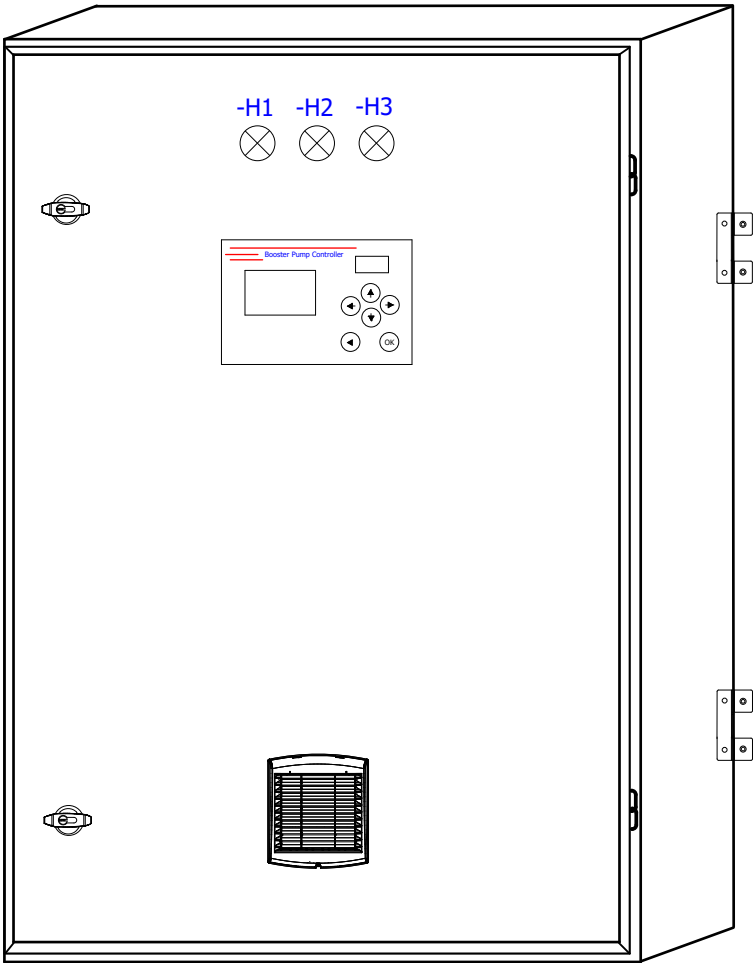
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Panel layout

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