

ELECMARKETING

Creator: Elecmarketing company

Project name: [Booster pump - 3 Pump](#)

Panel name: [Booster pump panel](#)

Working mode: [Mode 4](#)

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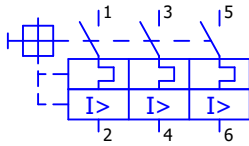
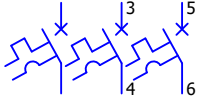
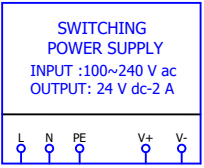
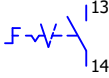
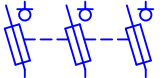
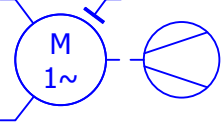
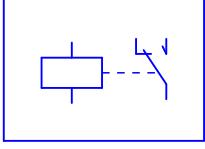
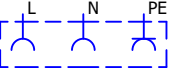
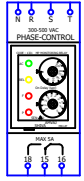
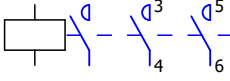
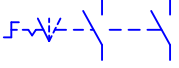
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[Scan: Telegram channel](#)

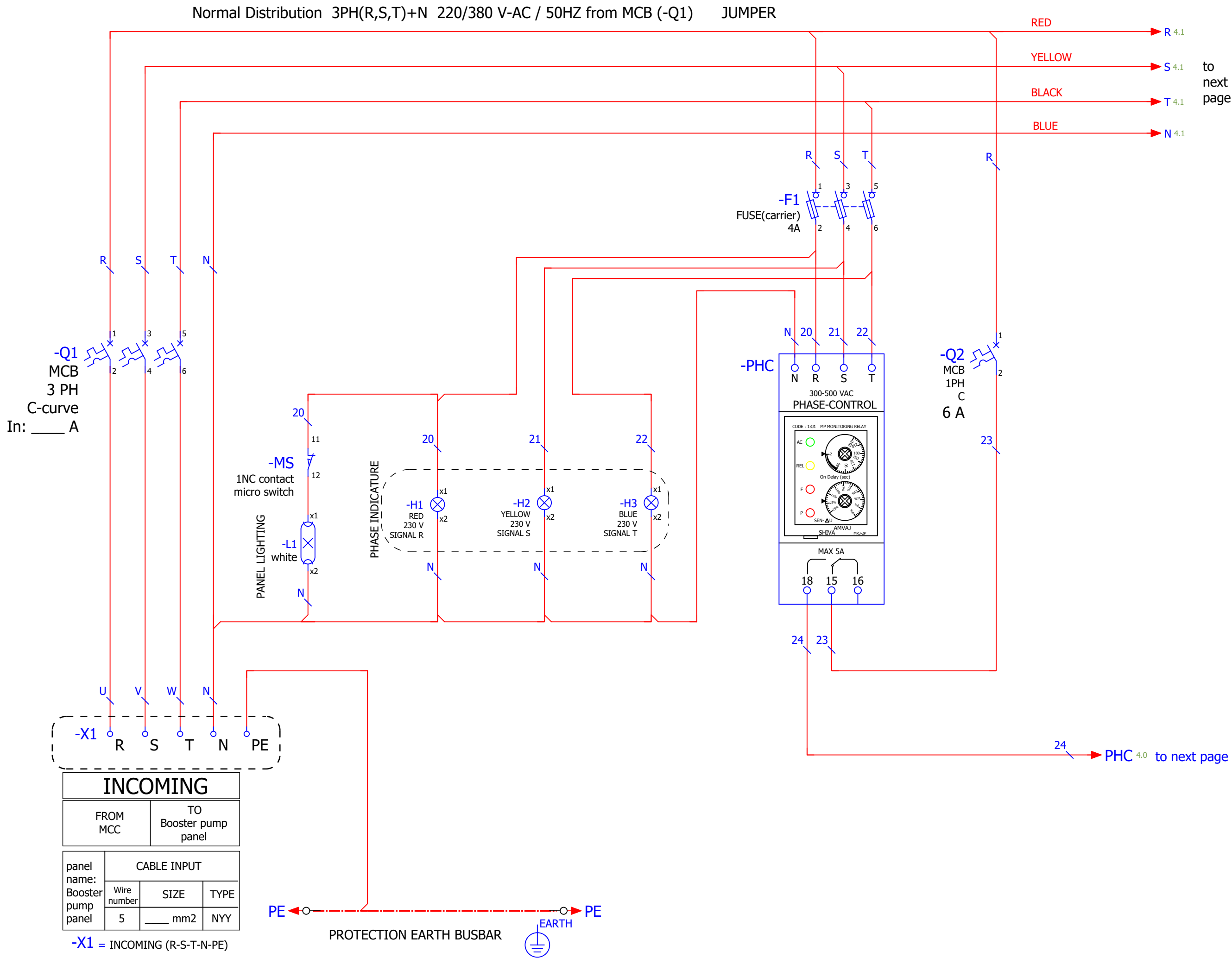
			
CREATOR : Elecmarketing Group		Drawing by : B.soltani	
Page number : 1		Number of pages: 9	
Page type : Graphic	Page Description : Table of contents		Mounting panel :MCP panel
Project description: Mode 4 Boosterpump 3 Pump	Manufacturer : Elecmarketing company		Power supply 3Phase 400 Vac/50HZ
CREATION DATE : 1403/09/20	Checked by : ENG.MOUSAVI		

Symbol table

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

 ELECMARKETING		
CREATOR : Elecmarketing Group		Drawing by : B.soltani
Page number : 2		
Page type : Graphic		Page Description : Symbol table
Project description: Mode 4 Boosterpump 3 Pump		
Manufacturer : Elecmarketing company		Mounting panel :MCP panel
Power supply 3Phase 400 Vac/50HZ		
CREATION DATE : 1403/09/20	Checked by : ENG.MOUSAVI	

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



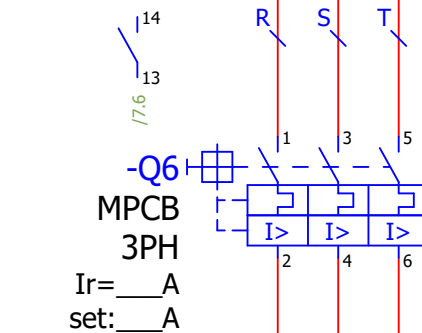
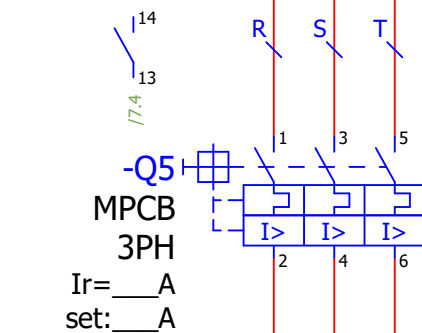
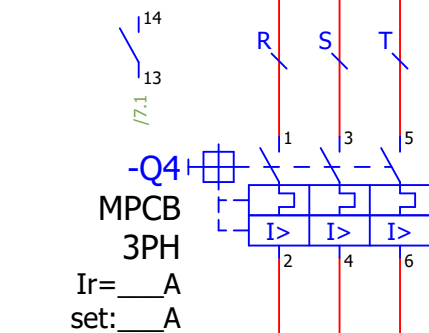
INCOMING

elecmarketing		
CREATOR : Elecmarketing Group	Drawing by : B.soltani	
Page number : 3	Number of pages: 9	
Page type : Schematic multi-line	Page Description : INCOMING	Mounting panel :MCP panel
Project description: Mode 4 Boosterpump 3 Pump	Power supply 3Phase 400 Vac/50HZ	
CREATION DATE : 1403/09/20	Manufacturer : Elecmarketing company	
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FROM
PREVIOUS
PAGE

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

Power circuit diagram



PE

PROTECTION EARTH BUSBAR

PE

ELECMARKETING

CREATOR :
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B.soltani

Page number : 5

Number of pages: 9

Page type :
Schematic multi-line

Page Description :
Power circuit diagram

Mounting panel :MCP panel

Project description:
Mode 4 Boosterpump
3 Pump

Manufacturer : Elecmarketing company

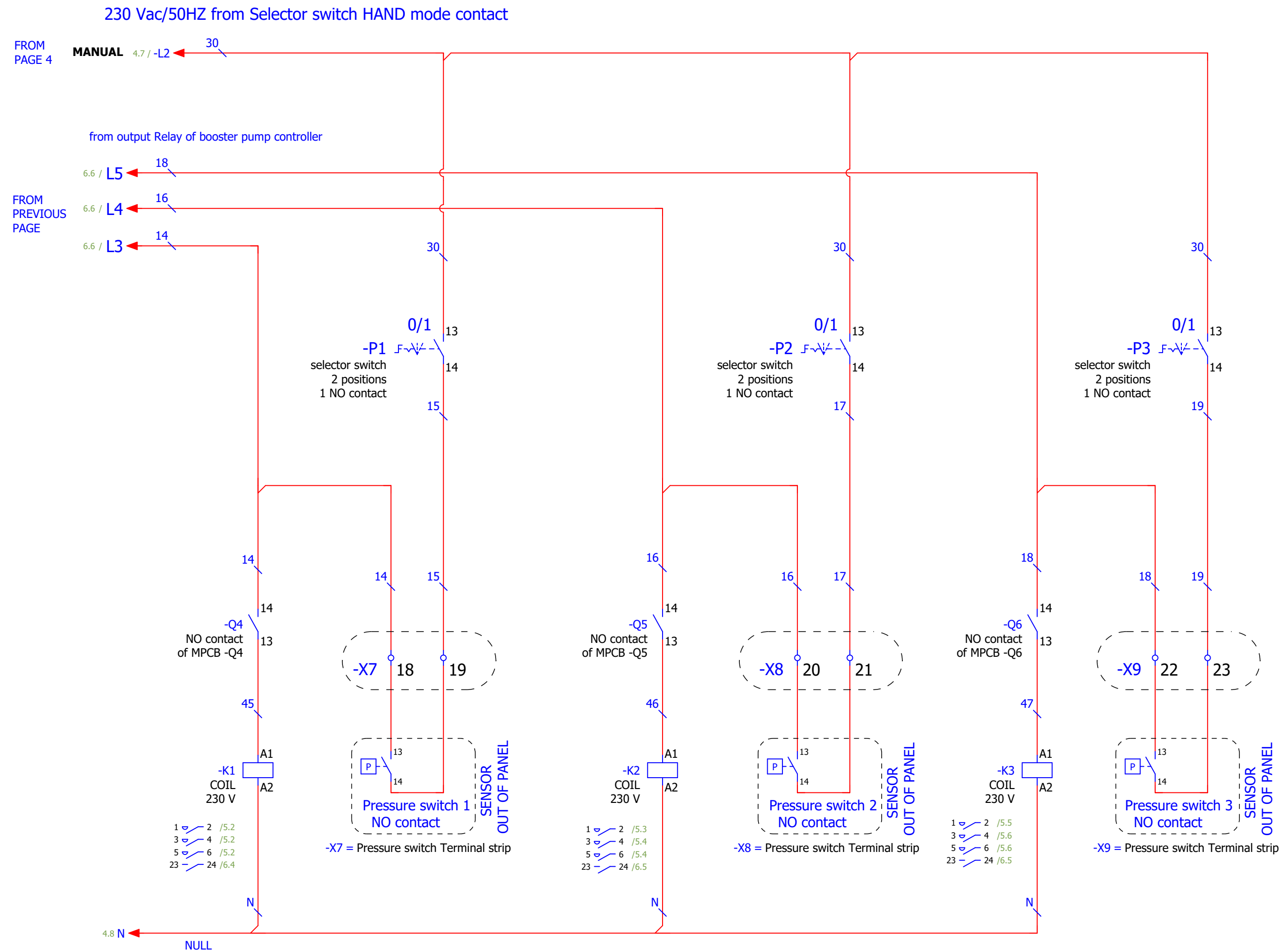
Power supply
3Phase 400 Vac/50HZ

CREATION DATE :
1403/09/20

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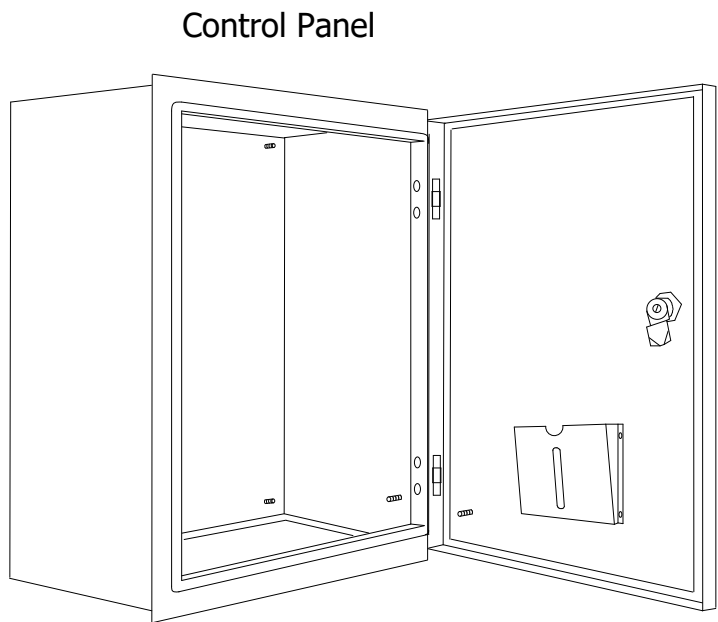
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Control circuit diagram

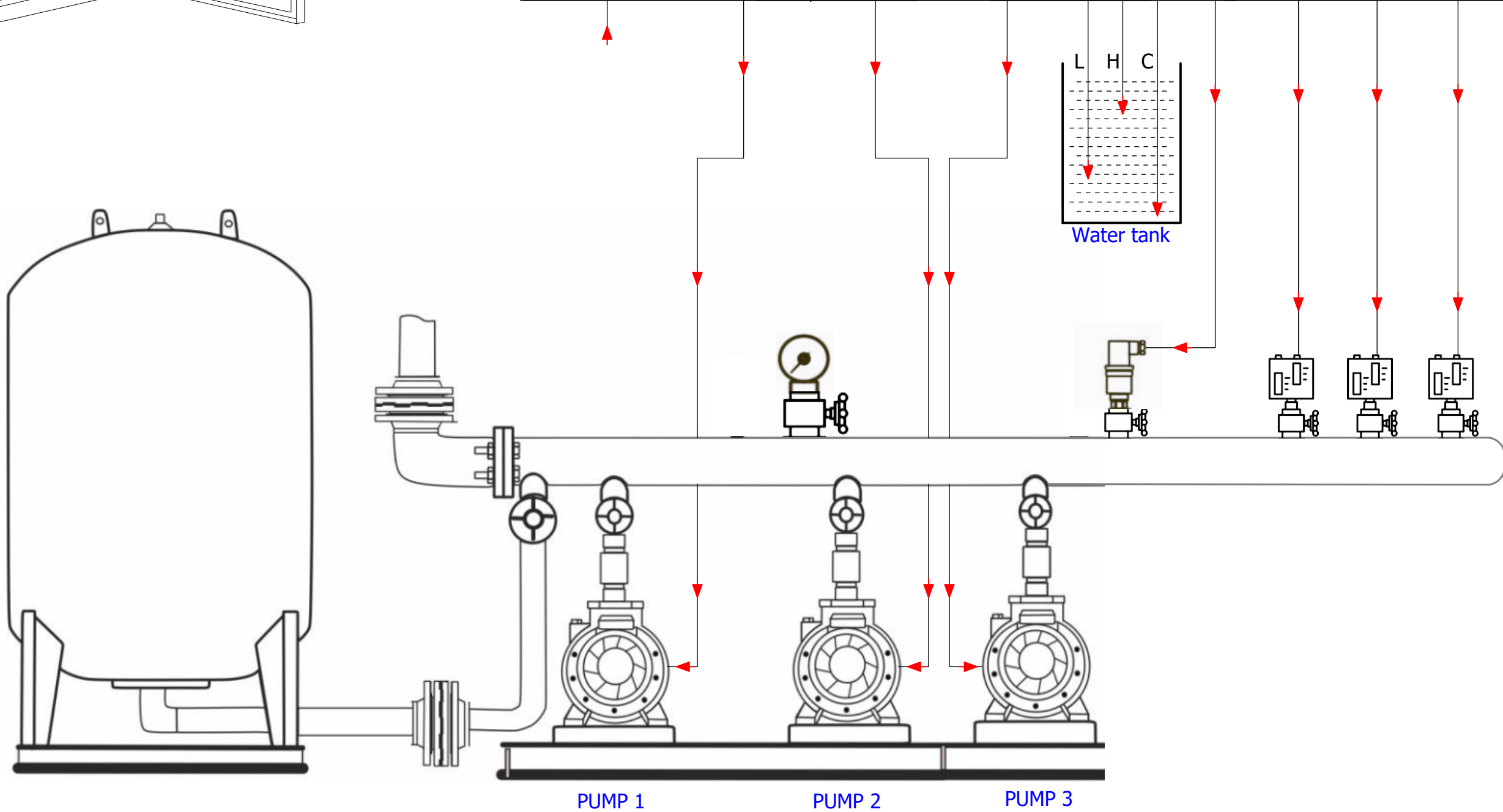


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Manufacturer : Elecmarketing company		Power supply 3Phase 400 Vac/50HZ		Page Description : Control circuit diagram		Number of pages: 9		Drawing by : B.soltani			
Checked by : ENG.MOUSA VI				Mounting panel : MCP panel							

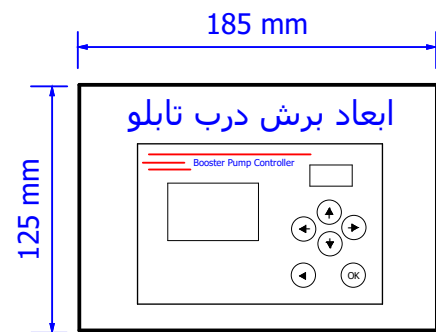
Booster pump overview



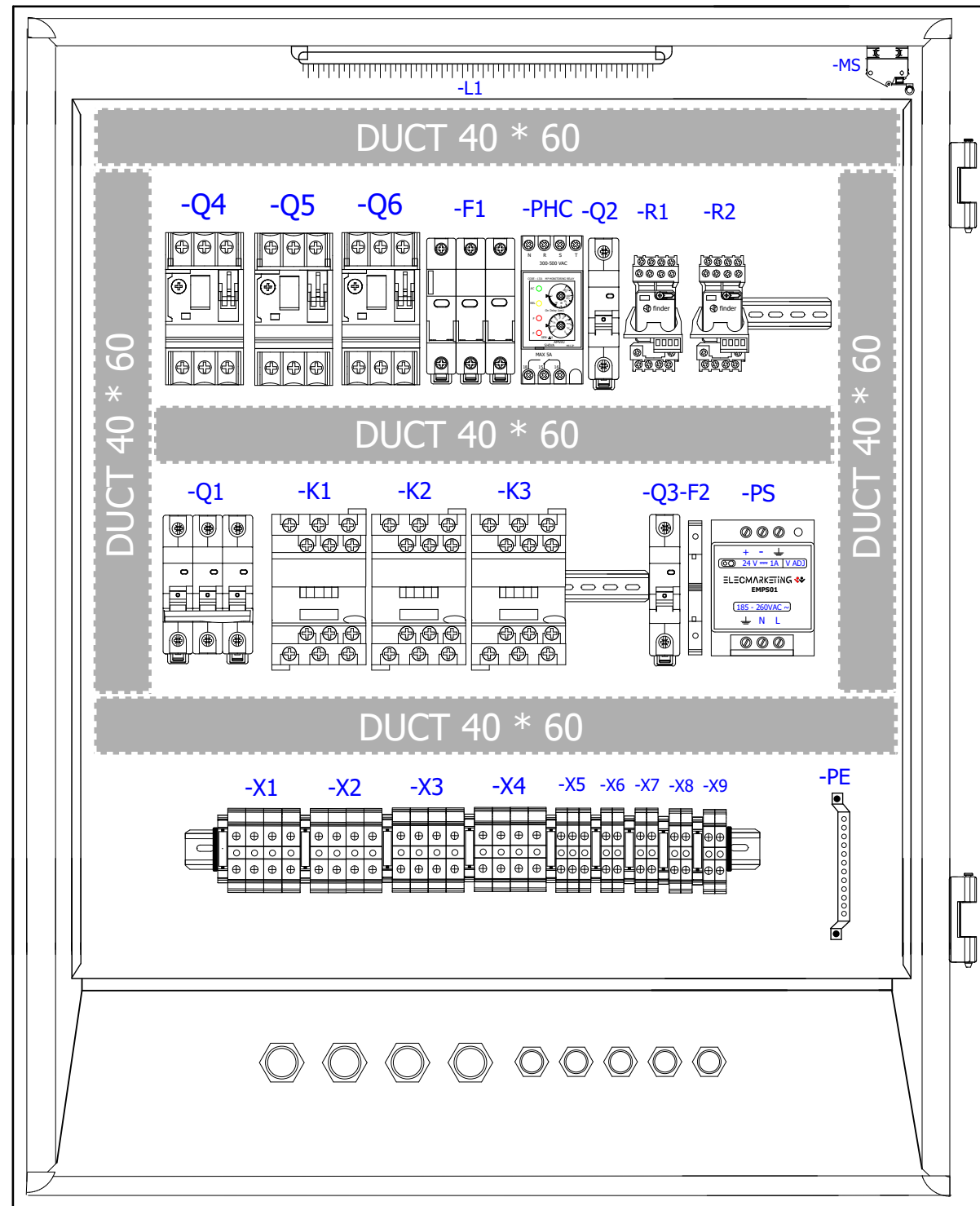
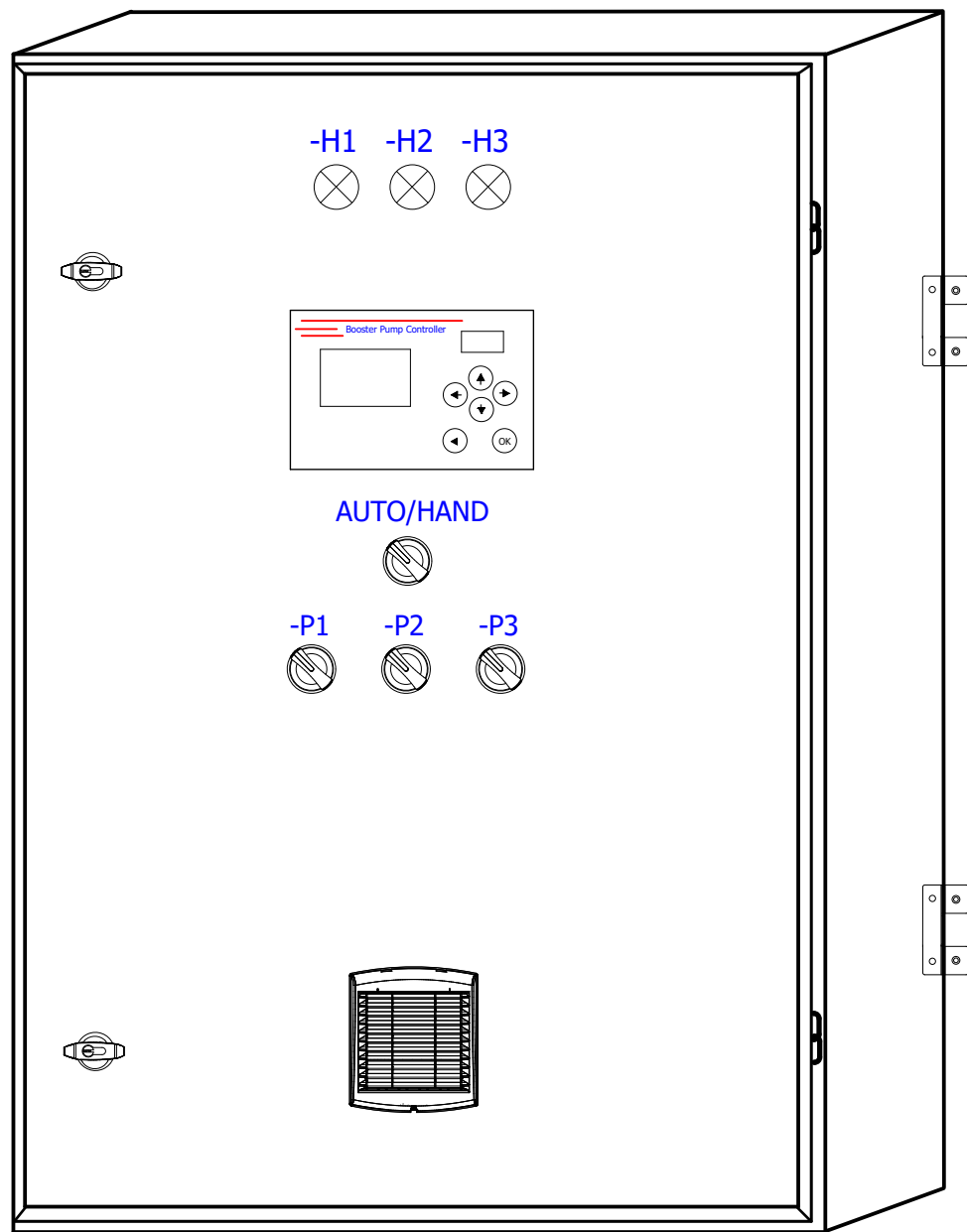
CONSUMER	Incoming	pump 1	pump 2	pump 3	Floater	Pressure Transmitter	Pressure Switch 1	Pressure Switch 2	Pressure Switch 3
TAG	-X1	-X2	-X3	-X4	-X5	-X6	-X7	-X8	-X9
TERMINAL STRIP									
number of terminal	R S T N	1 2 3 4	5 6 7 8	9 10 11 12	13 14 15	16 17	18 19	20 21	22 23



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Page number : 8		Number of pages: 9	
Page type : Graphic	Page Description : Booster pump overview	Mounting panel :MCP panel	
Project description: Mode 4 Boosterpump 3 Pump	Manufacturer : Elecmarketing company	Power supply 3phase 400 Vac/50HZ	
CREATION DATE : 1403/09/20		Checked by : ENG.MOUSAVI	



EXTERNAL VIEW



Panel layout

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Page number : 9		Number of pages: 9
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Project description: Mode 4 Boosterpump 3 Pump		
Manufacturer : Elecmarketing company	Mounting panel :MCP panel	
Checked by : ENG.MOUSAVI	Power supply 3phase 400 Vac/50HZ	