

ELECMARKETING

Creator: Elecmarketing company

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

Panel name: [Booster pump panel](#)

Working mode: [Mode 4](#)

Description	Page	Description	Page
Table of contents	1	Controller schematic diagram	6
Symbol table	2	Control circuit diagram	7
INCOMING	3	Booster pump overview	8
Hand & Auto diagram	4	Panel layout	9
Power circuit diagram	5		

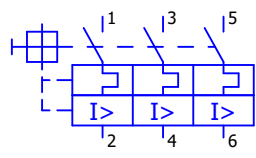
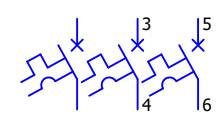
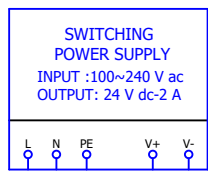
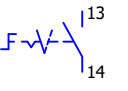
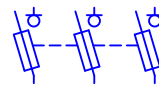
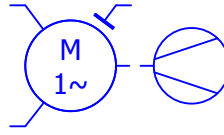
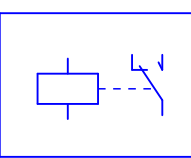
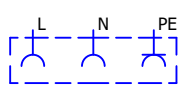
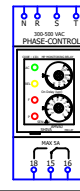
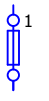
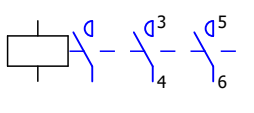
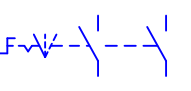
[Table of contents](#)



[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 4 Pump	Manufacturer : Elecmarketing company		Power supply 3Phase 400 Vac/50HZ
CREATION DATE : 1403/09/20	Checked by : ENG.MOUSAVI		

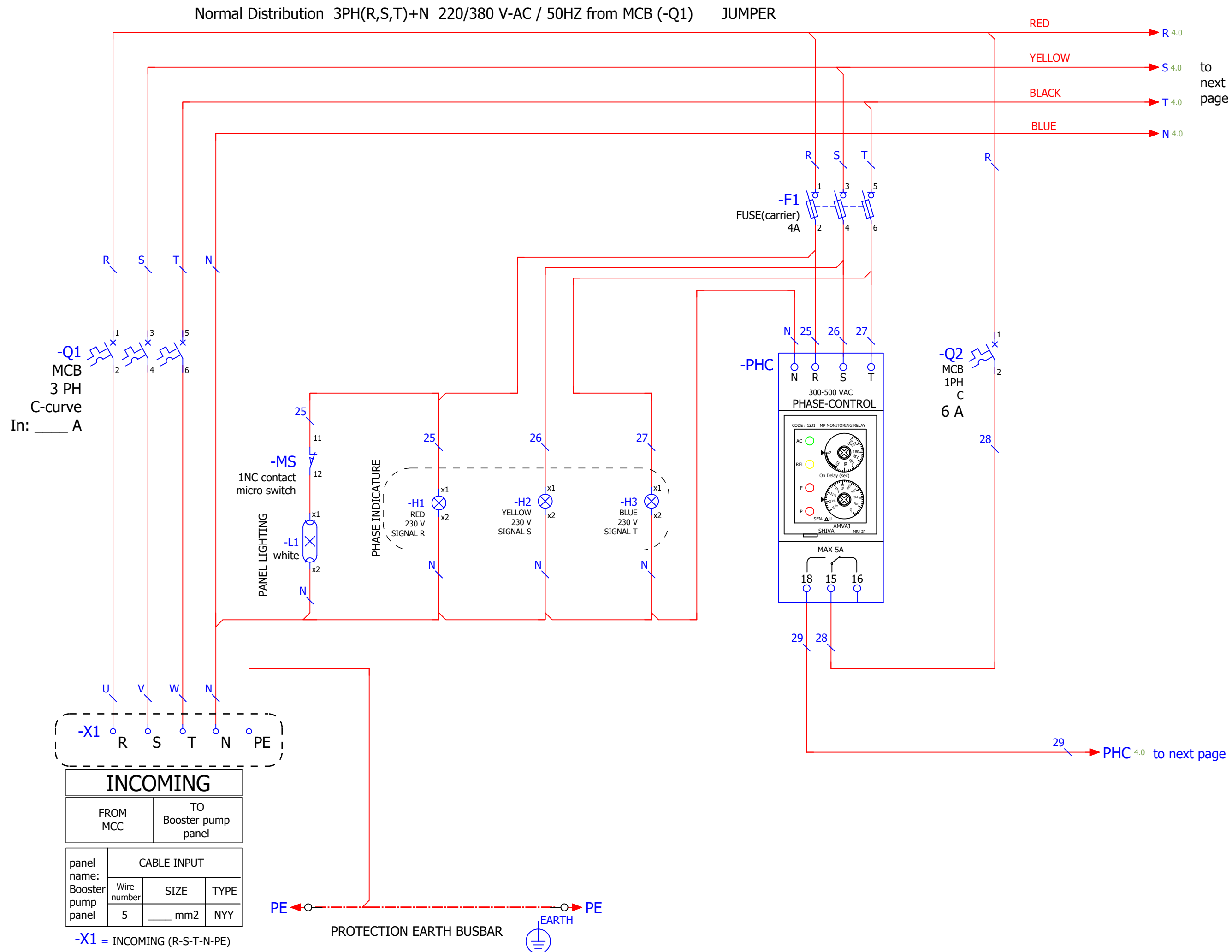
Symbol table

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

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



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



INCOMING

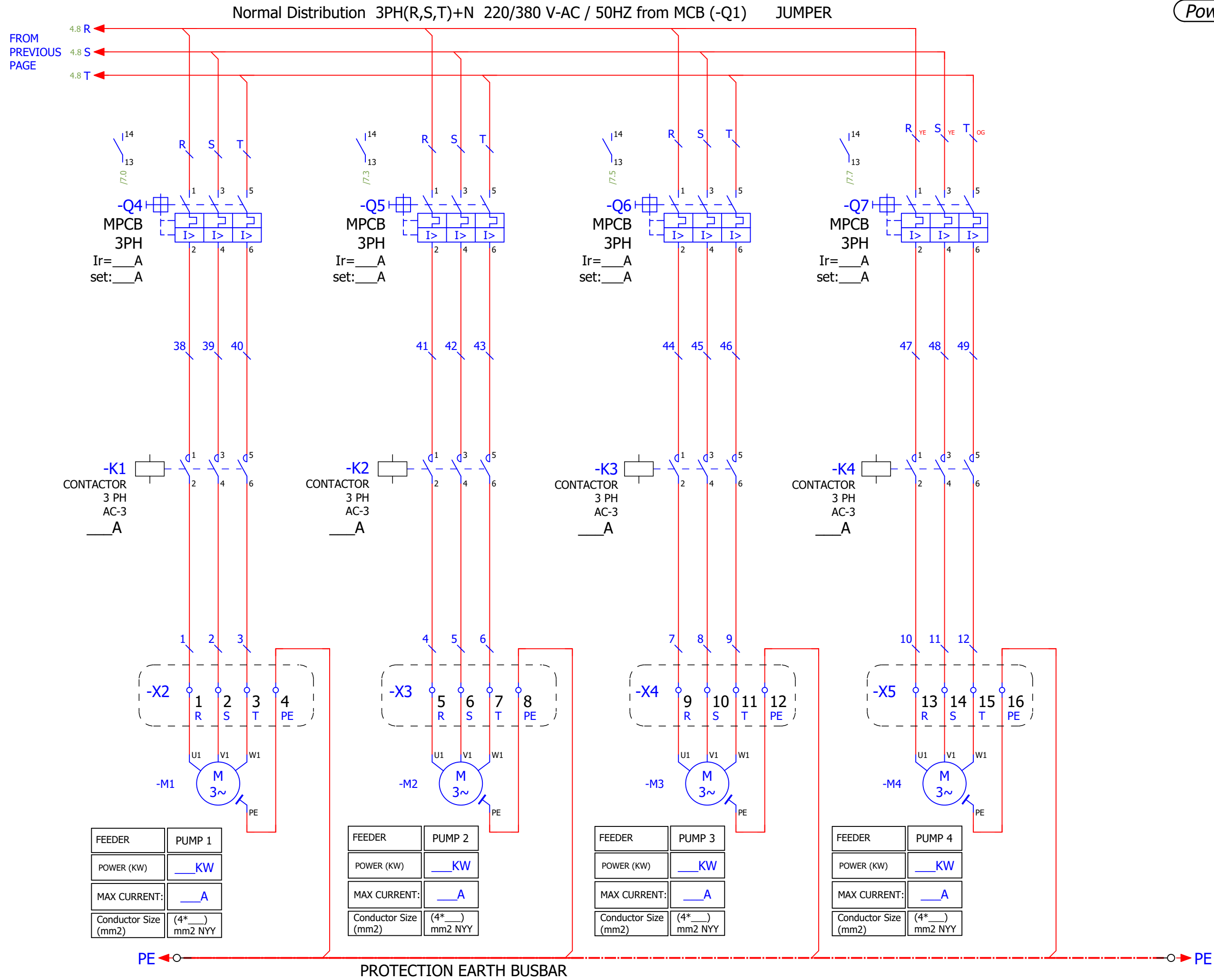
CREATOR :
Elecmarketing Group

Page number : 3

Page type :
Schematic n

Mounting panel : MCP panel

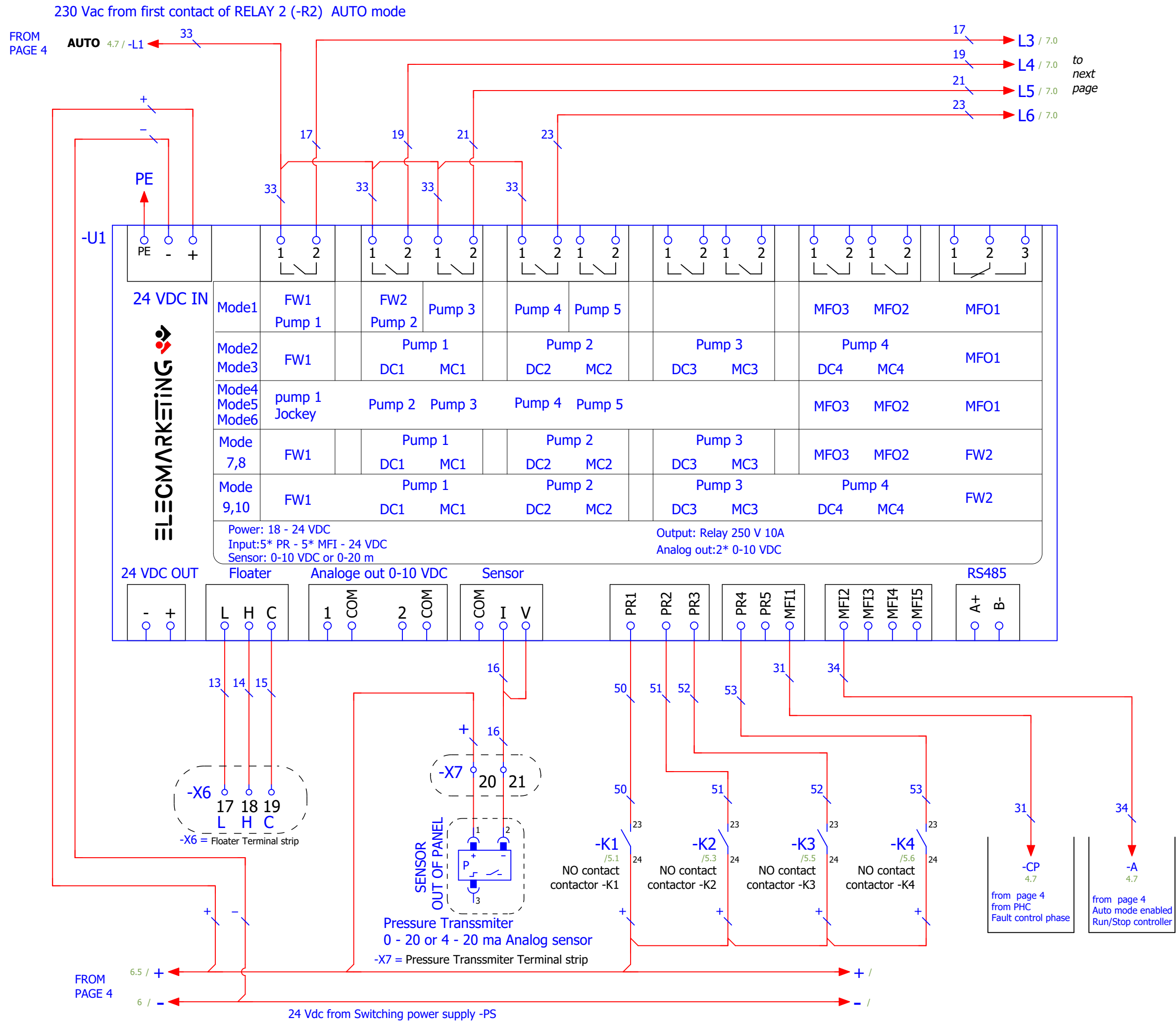
CREATION DATE :
1403/09/20



Power circuit diagram



CREATION DATE : 1403/09/20		Project description: Mode 4 Boosterpump 4 Pump		Page type : Schematic multi-line	Page number : 5	CREATOR : Elecmarketing Group
Manufacturer : Elecmarketing company		Page Description : Power circuit diagram				
Checked by : ENG.MOUSA VI		Power supply 3Phase 400 Vac/50HZ		Mounting panel : MCP panel		Drawing by : B.soltani
Number of pages: 9						

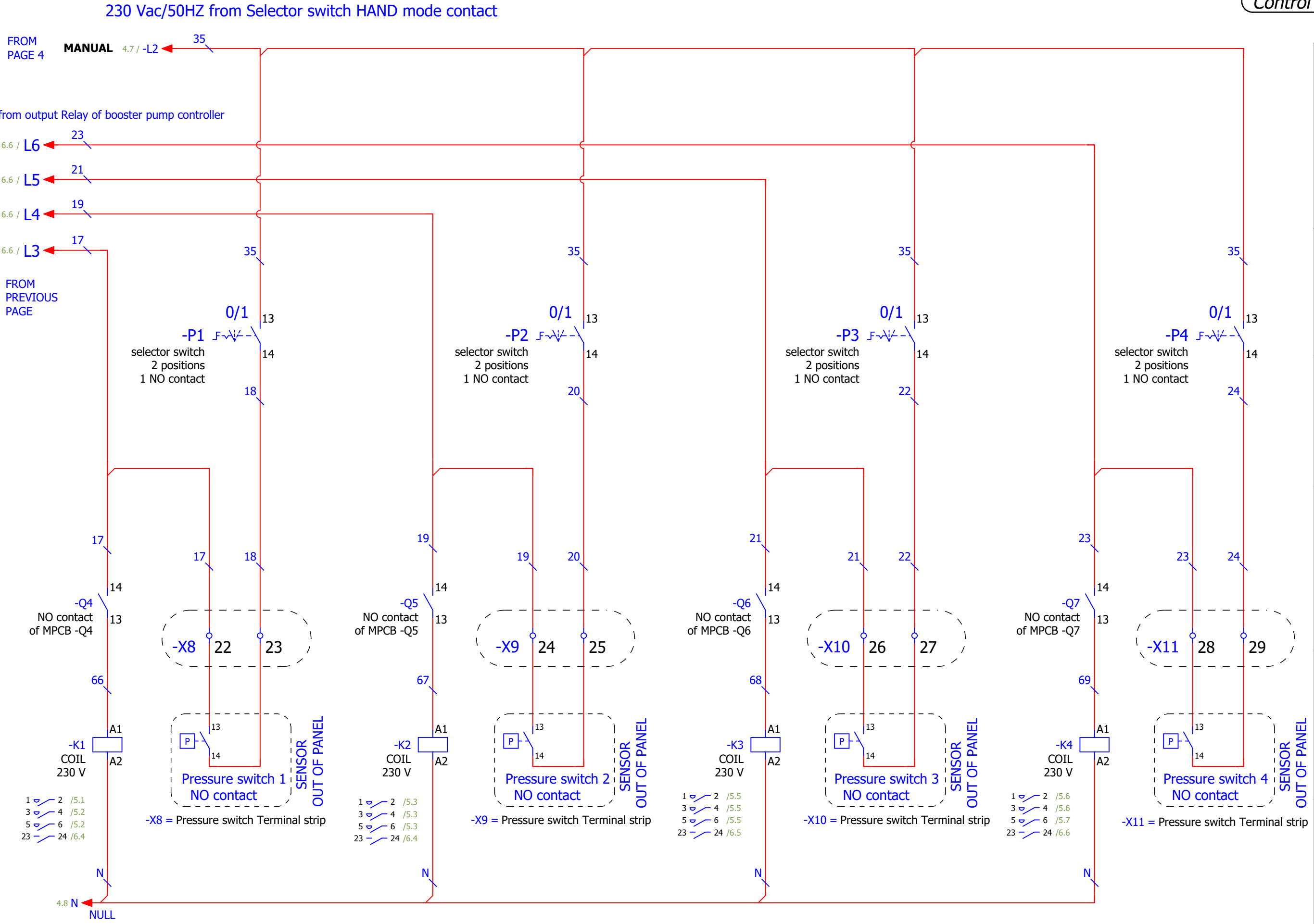


Controller schematic diagram



CREATOR : Elecmarketing Group			Drawing by : B.soltani		
Page number : 6			Number of pages: 9		
Page type : Schematic multi-line		Page Description : Controller schematic diagram		Mounting panel :MCP panel	
Project description: Mode 4 Boosterpump 4 Pump		Manufacturer : Elecmarketing company		Power supply 3Phase 400 Vac/50HZ	
CREATION DATE : 1403/09/20		Checked by : ENG.MOUSAVI			

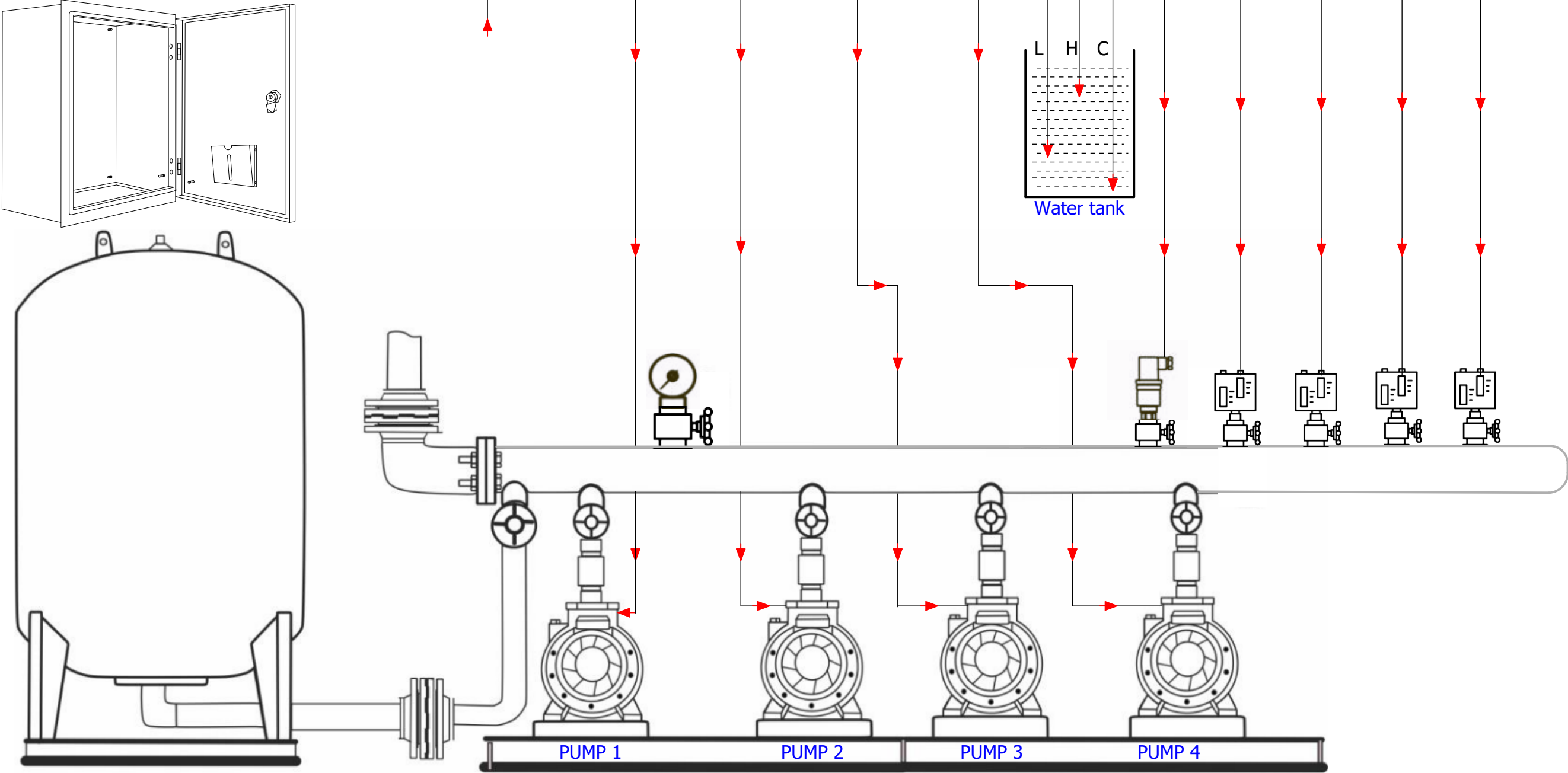
Control circuit diagram

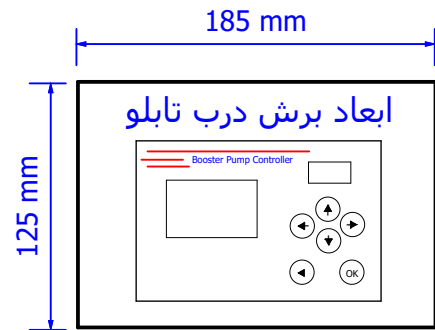


CREATION DATE : 1403/09/20		Project description: Mode 4 Boosterpump 4 Pump		Page type : Schematic multi-line		Page number : 7		CREATOR : Elecmarketing Group	
Manufacturer : Elecmarketing company		Page Description : Control circuit diagram		Mounting panel :MCP panel		Number of pages: 9		Drawing by : B.soltani	
Checked by : ENG.MOUSAVI		Power supply 3Phase 400 Vac/50HZ							

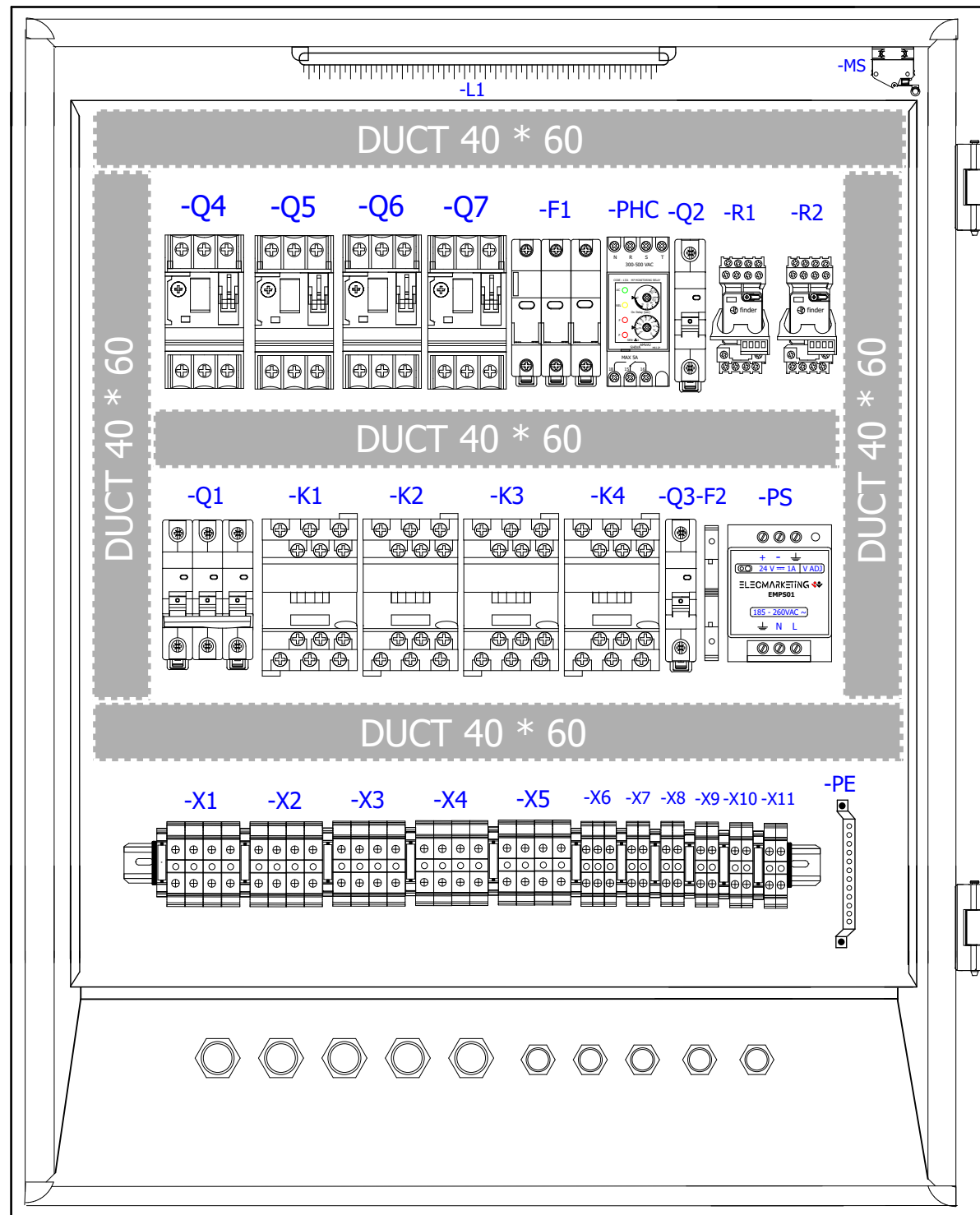
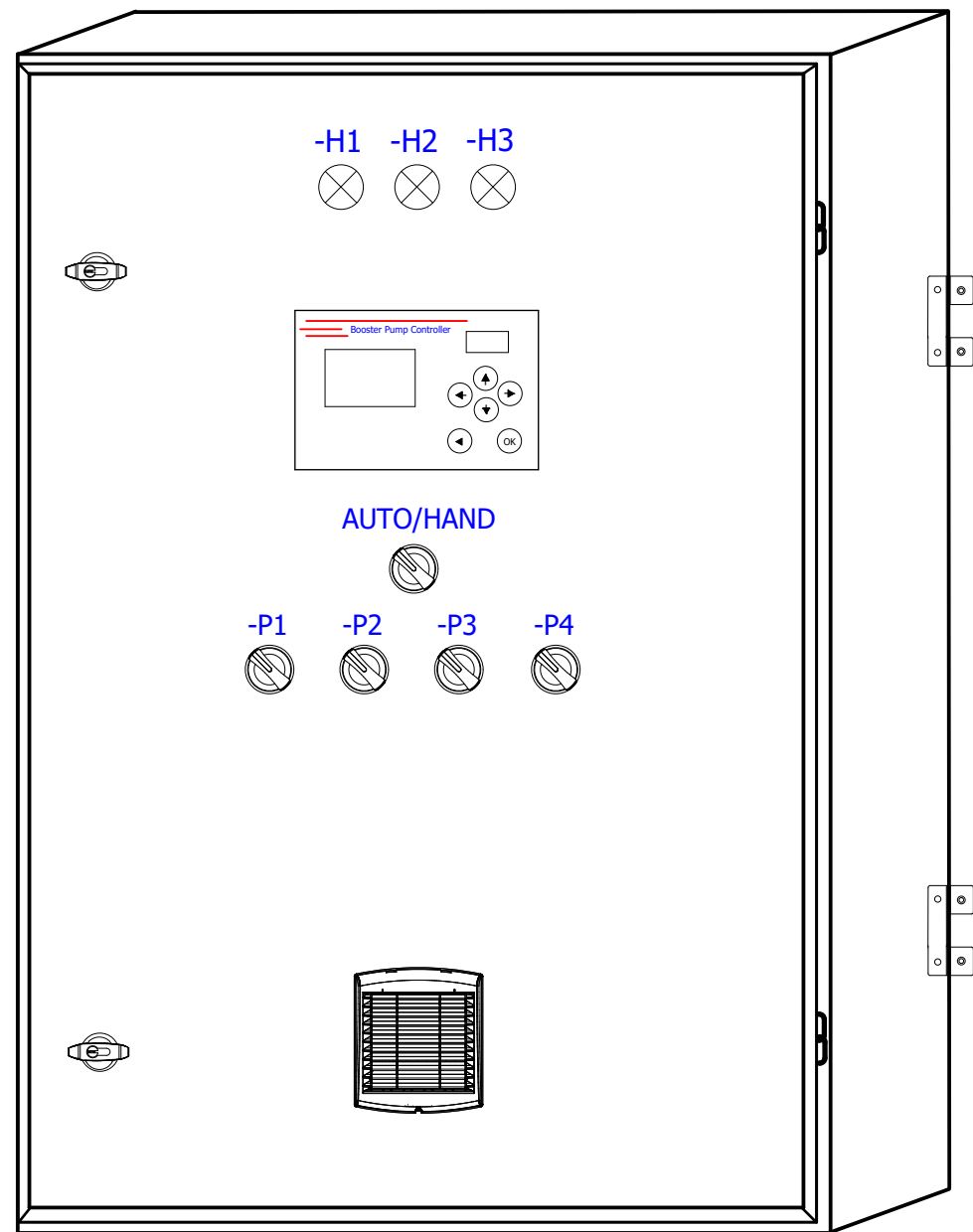
Booster pump overview

CONSUMER	Incoming	pump 1	pump 2	pump 3	pump 4	Floater	Pressure Transmitter	Pressure Switch 1	Pressure Switch 2	Pressure Switch 3	Pressure Switch 4
TAG	-X1	-X2	-X3	-X4	-X5	-X6	-X7	-X8	-X9	-X10	-X11
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	24 25	26 27	28 29





EXTERNAL VIEW



Panel layout

ELECMARKETING		
CREATOR : Elecmarketing Group		Drawing by : B.soltani
Page number : 9		Number of pages: 9
Page type : Panel layout	Page Description : Panel layout	
Project description: Mode 4 Boosterpump 4 Pump		
Manufacturer : Elecmarketing company		Mounting panel :MCP panel
Checked by : ENG.MOUSAVI	Power supply 3Phase 400 Vac/50HZ	