

ELECMARKETING

Creator: Elecmarketing company

Project name: [Booster pump - 1 DRIVE - 1 Pump-Manual & Automatic- UPPER than 7.5kw](#)

Panel name: [Booster pump panel](#)

Working mode: [Mode 1](#)

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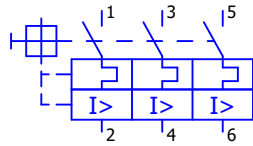
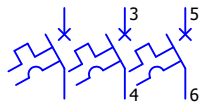
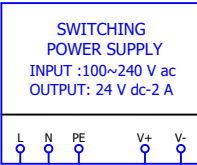
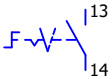
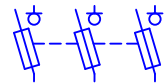
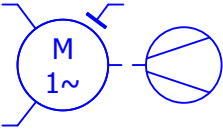
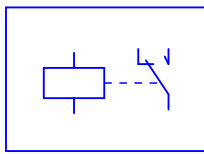
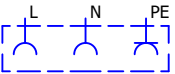
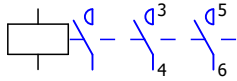
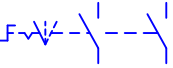


[Scan: Telegram channel](#)

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



CREATOR :
Elecmarking Group

Drawing by :
B.soltani

Page number : 2

Number of pages: 9

Page type :
Graphic

Page Description :
Symbol table

Mounting panel :MCP panel

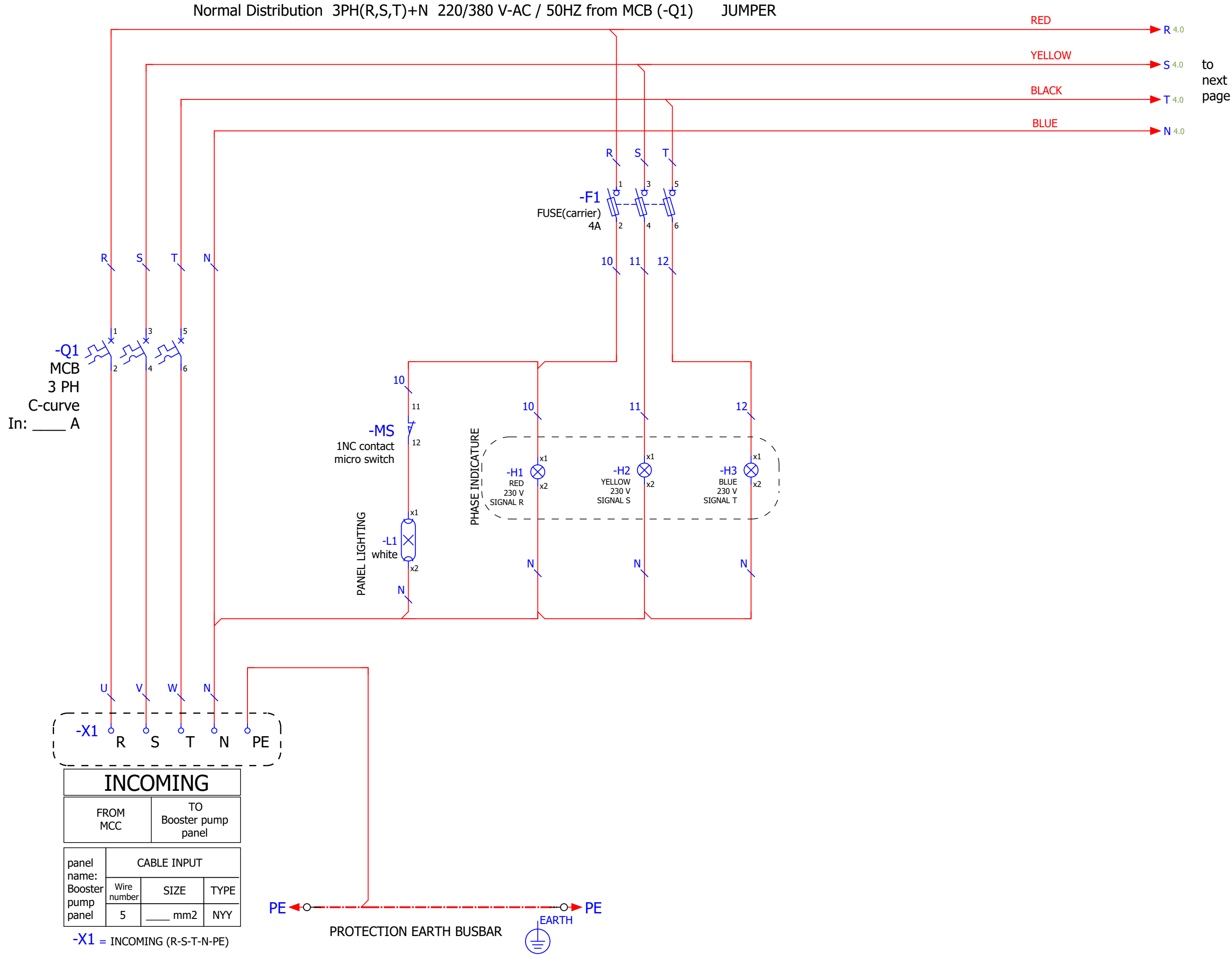
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Mode 1 Boosterpump
1 DRIVE - 1 Pump

Power supply
3Phase 400 Vac/50HZ

CREATION DATE :
1403/09/20

Manufacturer : Elecmarking company

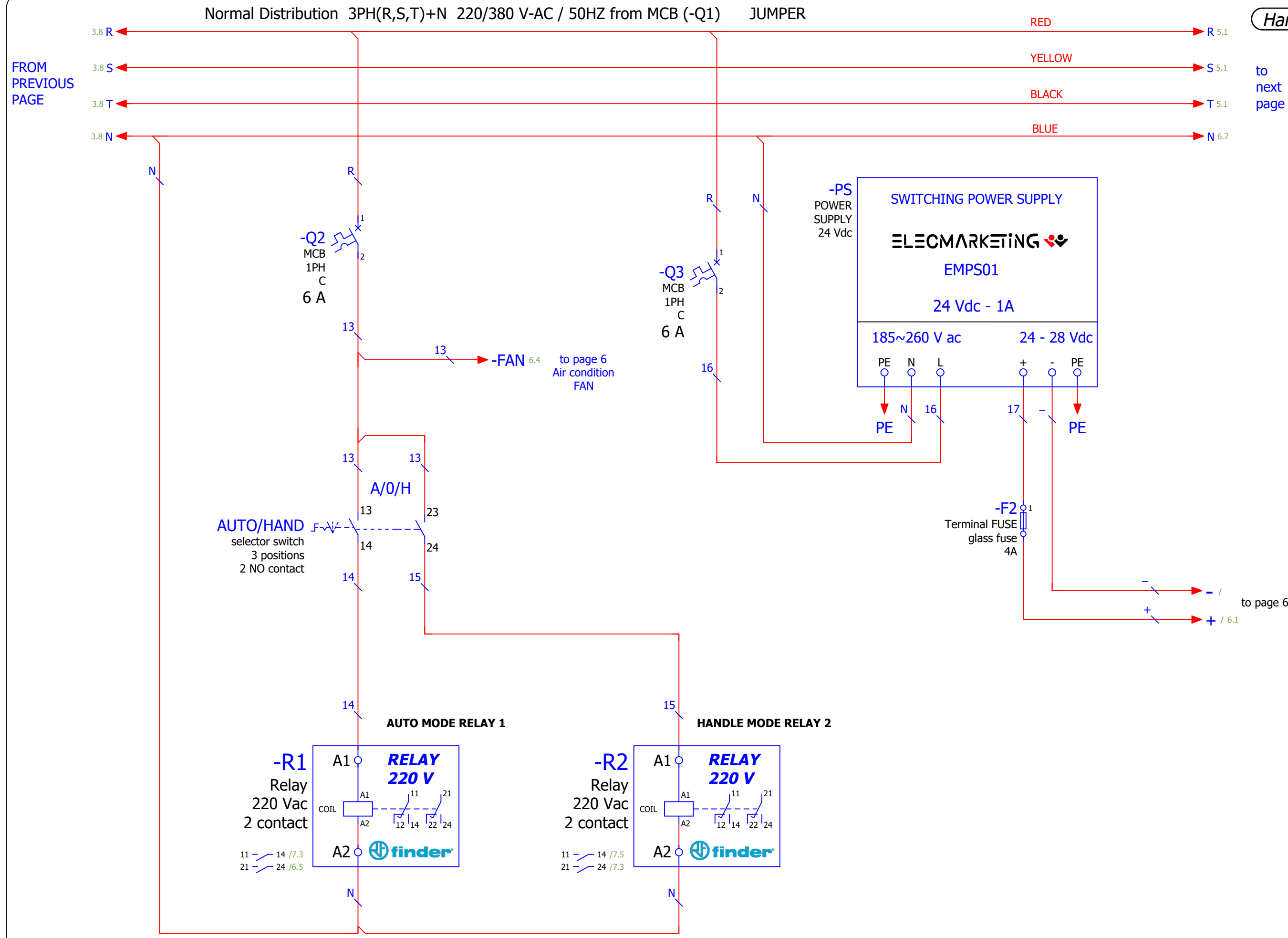
Checked by :
ENG.MOUSAVI



INCOMING



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 1 Boosterpump 1 DRIVE - 1 Pump	Power supply 3Phase 400 Vac/50HZ	
CREATION DATE : 1403/09/20	Manufacturer : Elecmarketing company	
	Checked by : ENG.MOUSA VI	



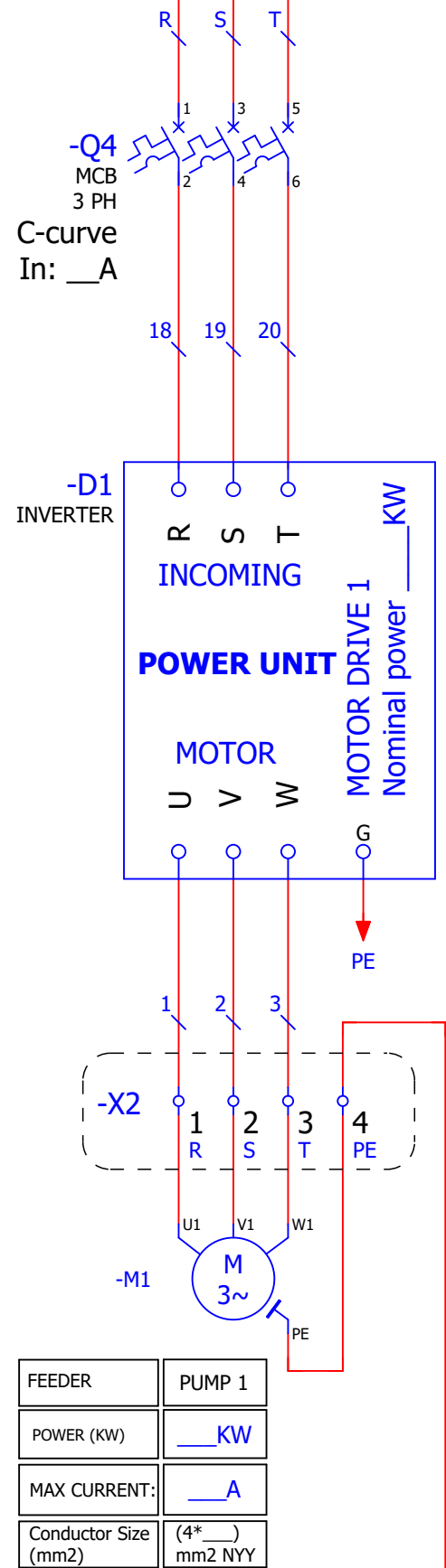
Hand & Auto diagram

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CREATOR : Elecmarketing Group	Drawing by : B.soltani	
Page number : 4	Number of pages: 9	
Page type : Schematic multi-line	Page Description : Hand & Auto diagram	Mounting panel :MCP panel
Project description: Mode 1 Boosterpump 1 DRIVE - 1 Pump	Power supply 3Phase 400 Vac/50HZ	
CREATION DATE : 1403/09/20	Manufacturer : Elecmarketing company	Checked by : ENG.MOUSA VI

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

FROM
PREVIOUS
PAGE

4.8 R
4.8 S
4.8 T

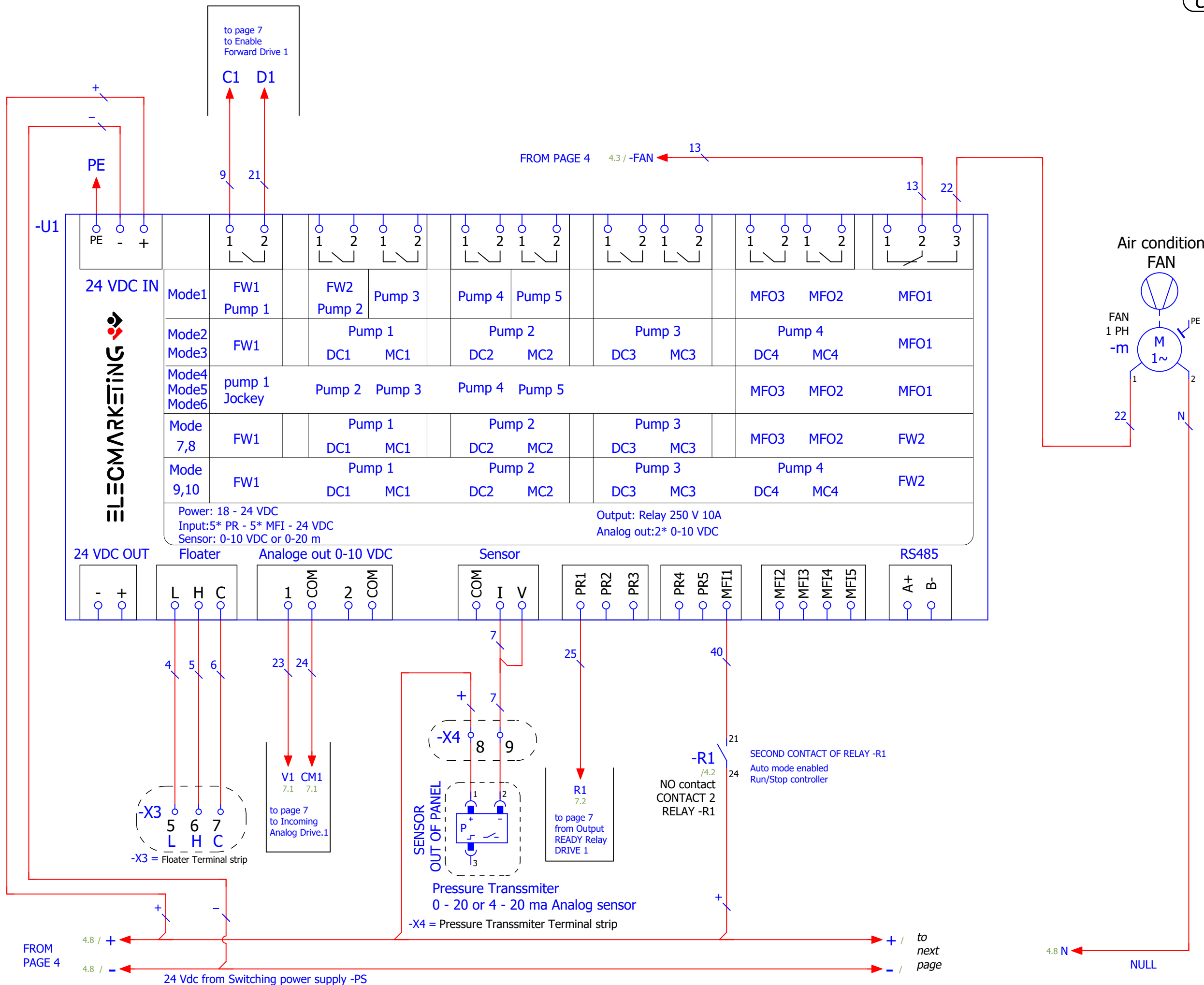


PE ◀ ○ PROTECTION EARTH BUSBAR ○ ▶ PE

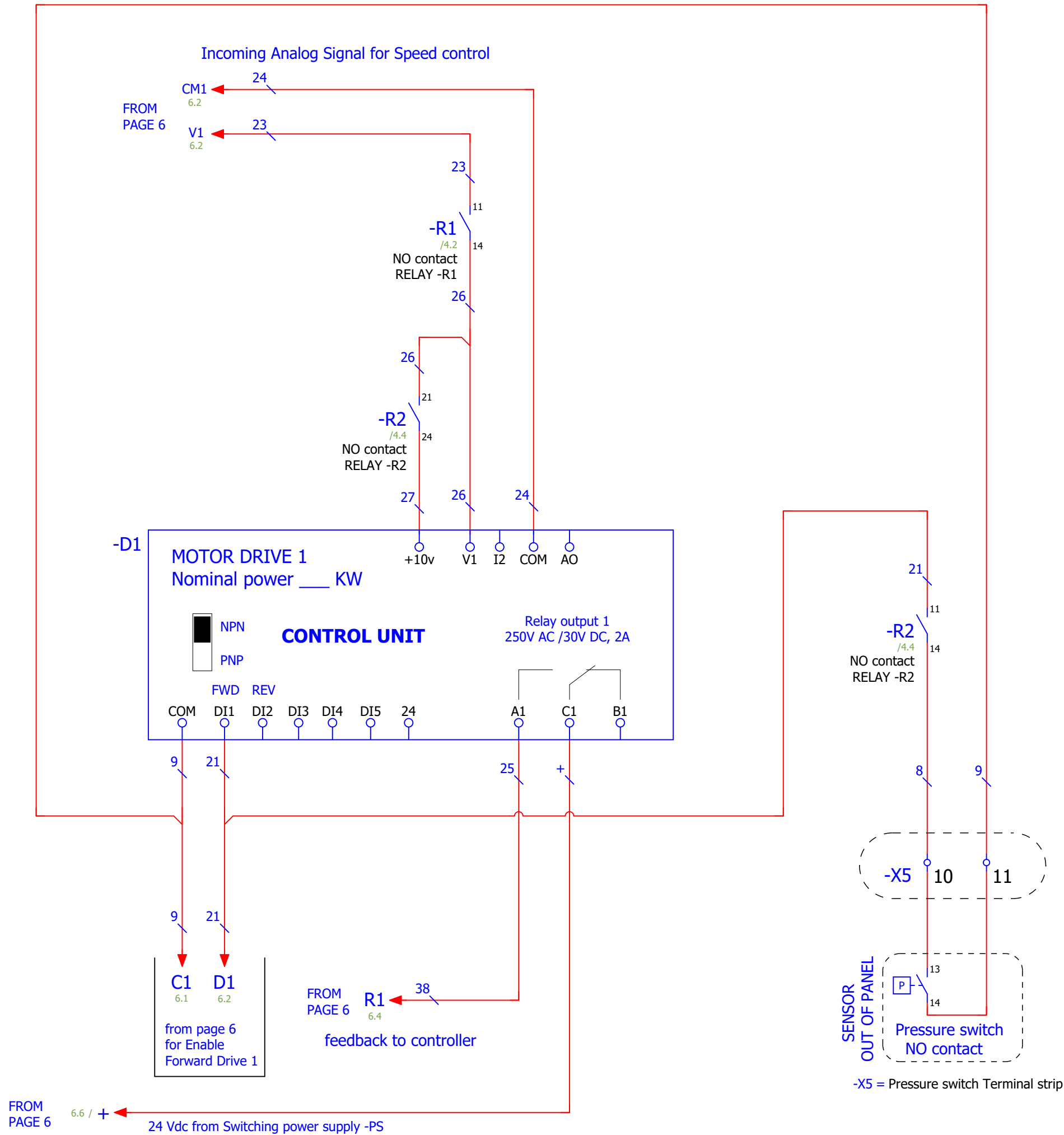
Power circuit diagram

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CREATOR : Elecmarketing Group		Drawing by : B.soltani	
Page number : 5		Number of pages: 9	
Page type : Schematic multi-line		Page Description : Power circuit diagram	
Project description: Mode 1 Boosterpump 1 DRIVE - 1 Pump		Mounting panel : MCP panel	
CREATION DATE : 1403/09/20		Manufacturer : Elecmarketing company	
Checked by : ENG.MOUSAVI		Power supply 3Phase 400 Vac/50HZ	

CREATOR : Elecmarketing Group	Drawing by : B.soltani
Page number : 6	Number of pages: 9
Page type : Schematic multi-line	Page Description : Controller schematic diagram
Project description: Mode 1 Boosterpump 1 DRIVE - 1 Pump	Power supply 3Phase 400 Vac/50HZ
CREATION DATE : 1403/09/20	Manufacturer : Elecmarketing company
	Checked by : ENG.MOUSAVI
	Mounting panel :MCP panel



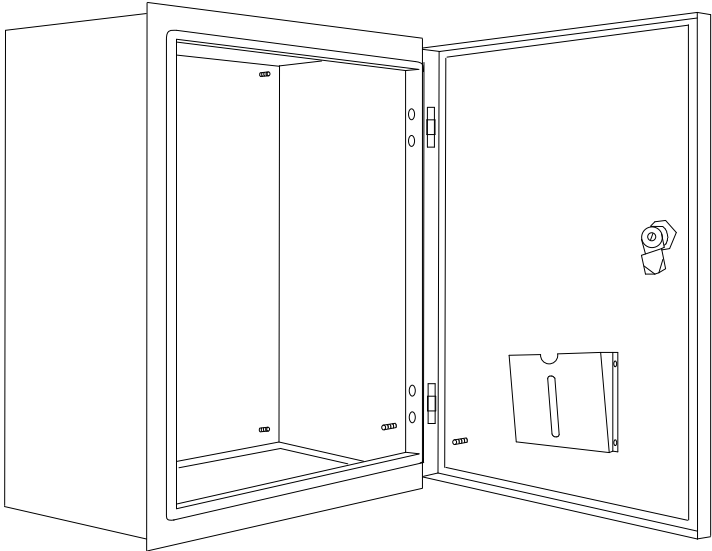
Drive circuit diagram



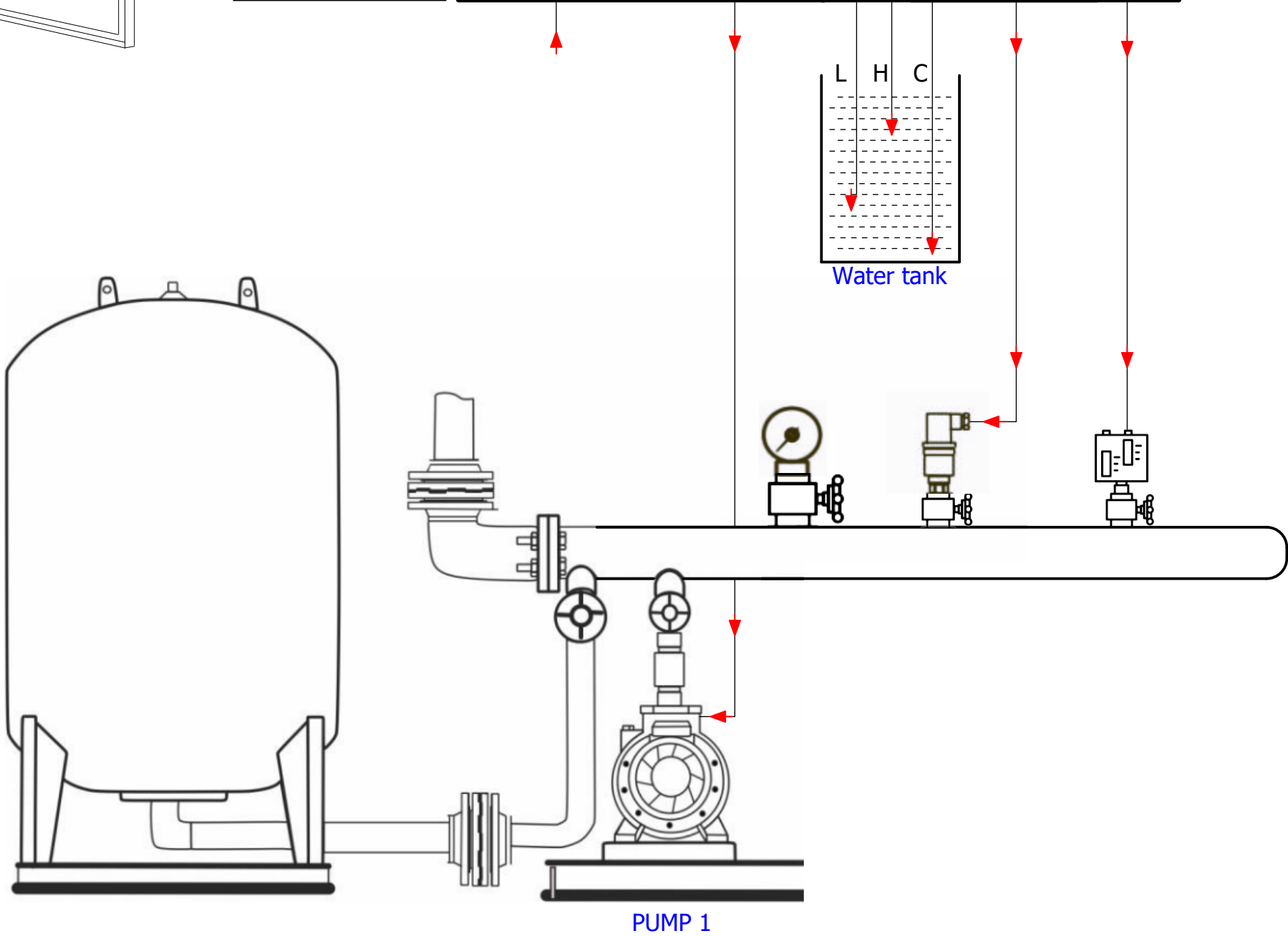
ELECMARKETING		
CREATOR :	Elecmarketing Group	
Page number :	7	Drawing by : B.soltani
Page type :	Schematic multi-line	Number of pages: 9
Project description:	Mode 1 Boosterpump 1 DRIVE - 1 Pump	Mounting panel :MCP panel
CREATION DATE :	1403/09/20	Power supply 3Phase 400 Vac/50HZ
Manufacturer :	Elecmarketing company	
Checked by :	ENG.MOUSAVI	

Booster pump overview

Control Panel



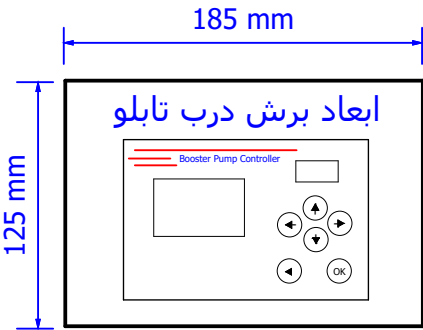
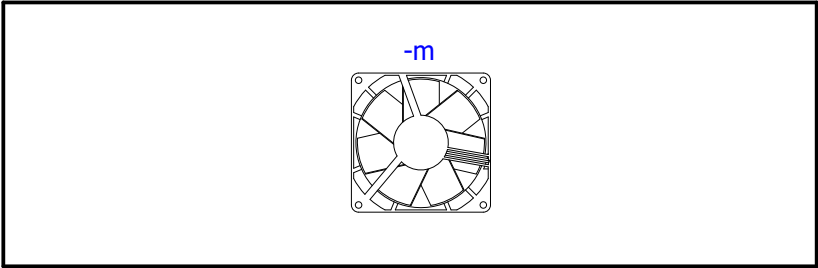
CONSUMER	Incoming	pump 1	Floater	Pressure Transmitter	Pressure Switch
TAG	-X1	-X2	-X3	-X4	-X5
TERMINAL STRIP					
number of terminal	R S T N	1 2 3 4	5 6 7	8 9	10 11



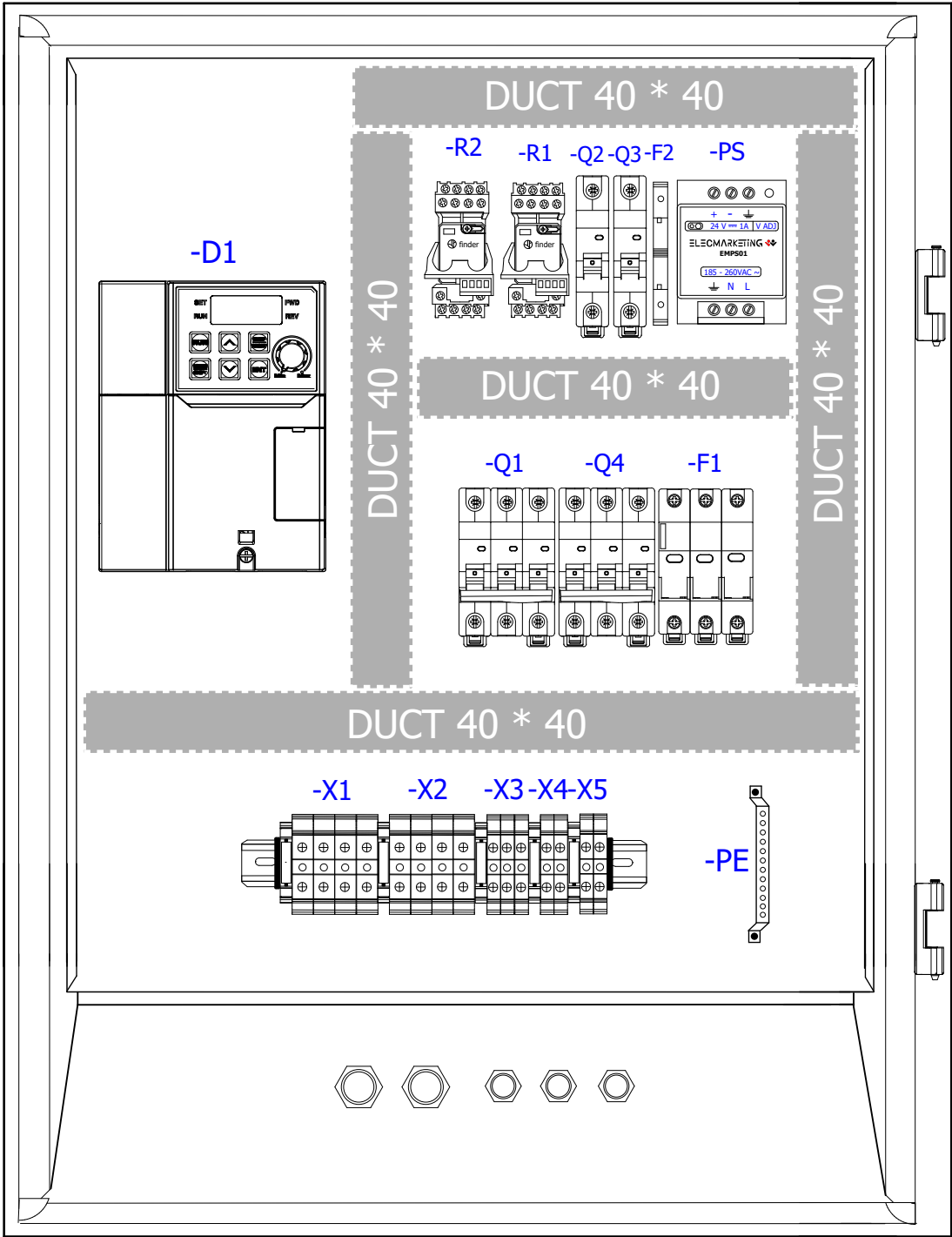
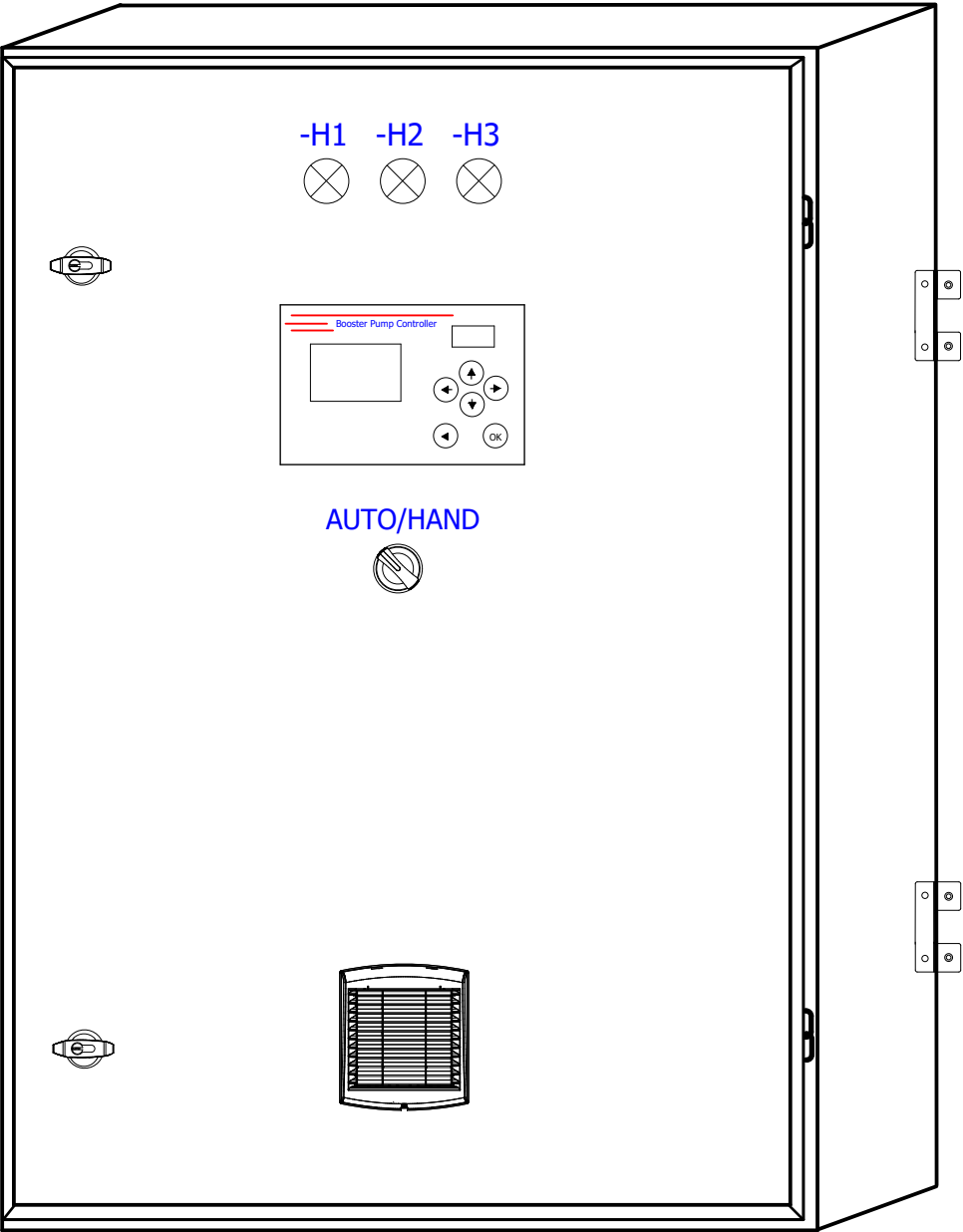
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Project description:	Mode 1 Boosterpump 1 DRIVE - 1 Pump	
CREATION DATE :	1403/09/20	
Manufacturer :	Elecmarketing company	
Checked by :	ENG.MOUSAVI	Power supply 3phase 400 Vac/50HZ
		Mounting panel :MCP panel

Panel layout

TOP VIEW



EXTERNAL VIEW



ELECMARKETING			
CREATOR : Elecmarketing Group		Page number : 9	Drawing by : B.soltani
Project description: Mode 1 Boosterpump 1 DRIVE - 1 Pump		Page type : Panel layout	Number of pages: 9
Manufacturer : Elecmarketing company		Page Description : Panel layout	Mounting panel :MCP panel
Checked by : ENG.MOUSAVI	Power supply 3Phase 400 Vac/50HZ		