

ELECMARKETING

Creator: Elecmarketing company

Project name: [Booster pump - 1 DRIVE - 3 Pump](#)

Panel name: [Booster pump panel](#)


Working mode: [Mode 1](#)

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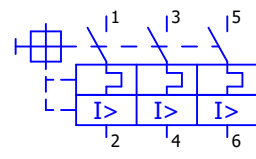

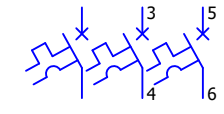
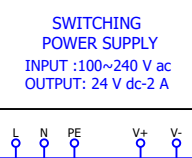

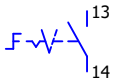
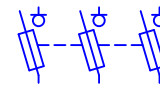
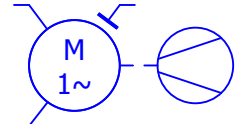
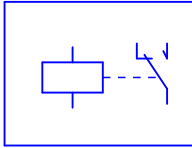
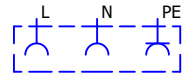


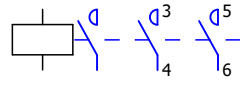

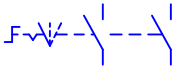


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CREATOR : Elecmarketing Group		Drawing by : B.soltani	
Page number : 1		Number of pages: 10	
Page type : Graphic	Page Description : Table of contents		Mounting panel :MCP panel
Project description: Mode 1 Boosterpump 1 DRIVE - 3 Pump	Manufacturer : 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 کاربر	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 بوبین کنتاکتور	BOIIN

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

ELECmarketing



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Page number : 2

Number of pages: 10

Page type :
Graphic

Page Description :
Symbol table

Mounting panel :MCP panel

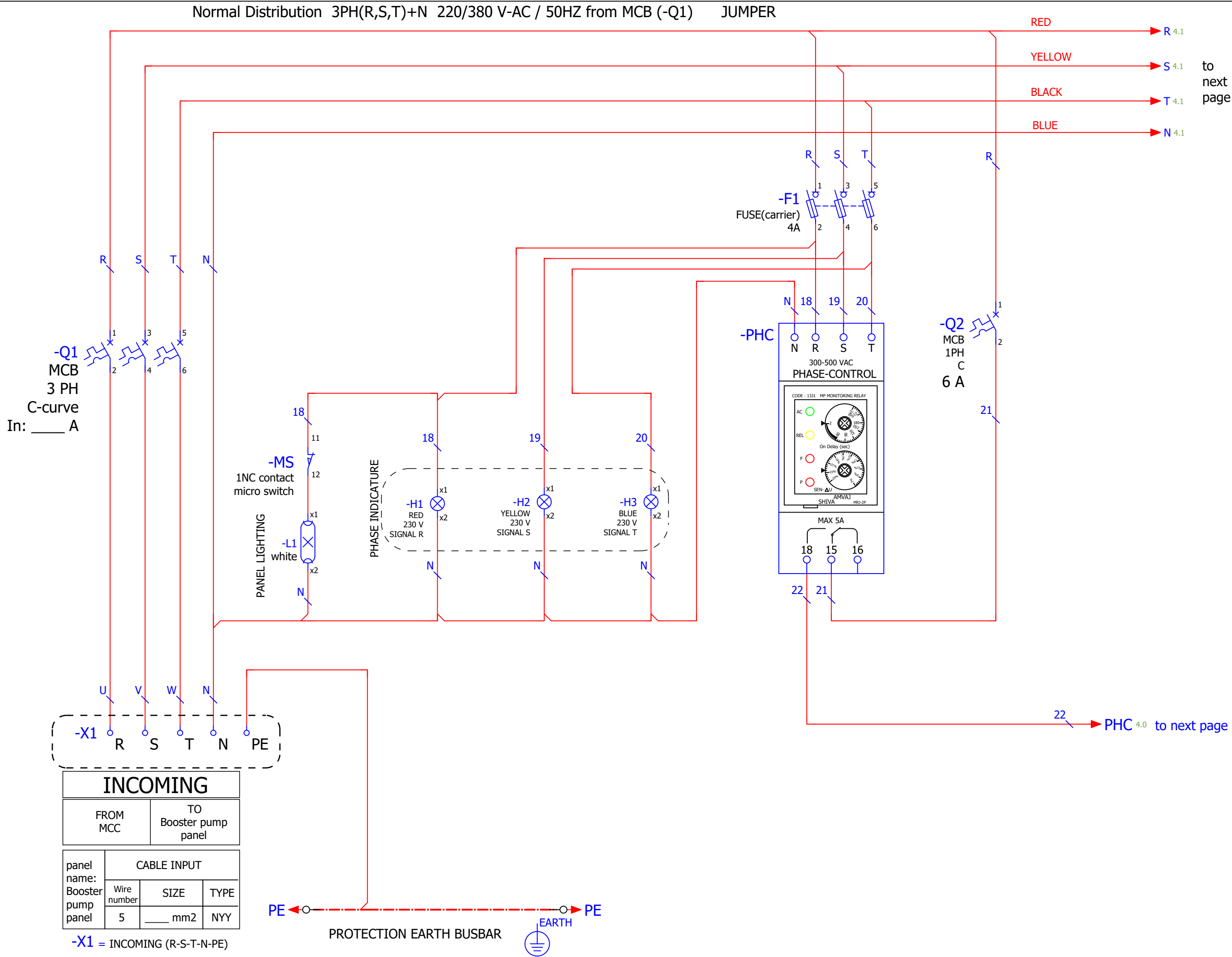
Project description:
Mode 1 Boosterpump
1 DRIVE - 3 Pump

Power supply
3Phase 400 Vac/50HZ

CREATION DATE :
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INCOMING



CREATOR : Elecmarketing Group		Drawing by : B.soltani	
Page number : 3		Number of pages: 10	
Page type : Schematic multi-line	Page Description : INCOMING		Mounting panel :MCP panel
Project description: Mode 1 Boosterpump 1 DRIVE - 3 Pump	Manufacturer : Elecmarketing company		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

Hand & Auto diagram

FROM
PREVIOUS
PAGE

to
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page



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Page number : 4

Number of pages: 10

Page type :
Schematic multi-line

Page Description :
Hand & Auto diagram

Mounting panel :MCP panel

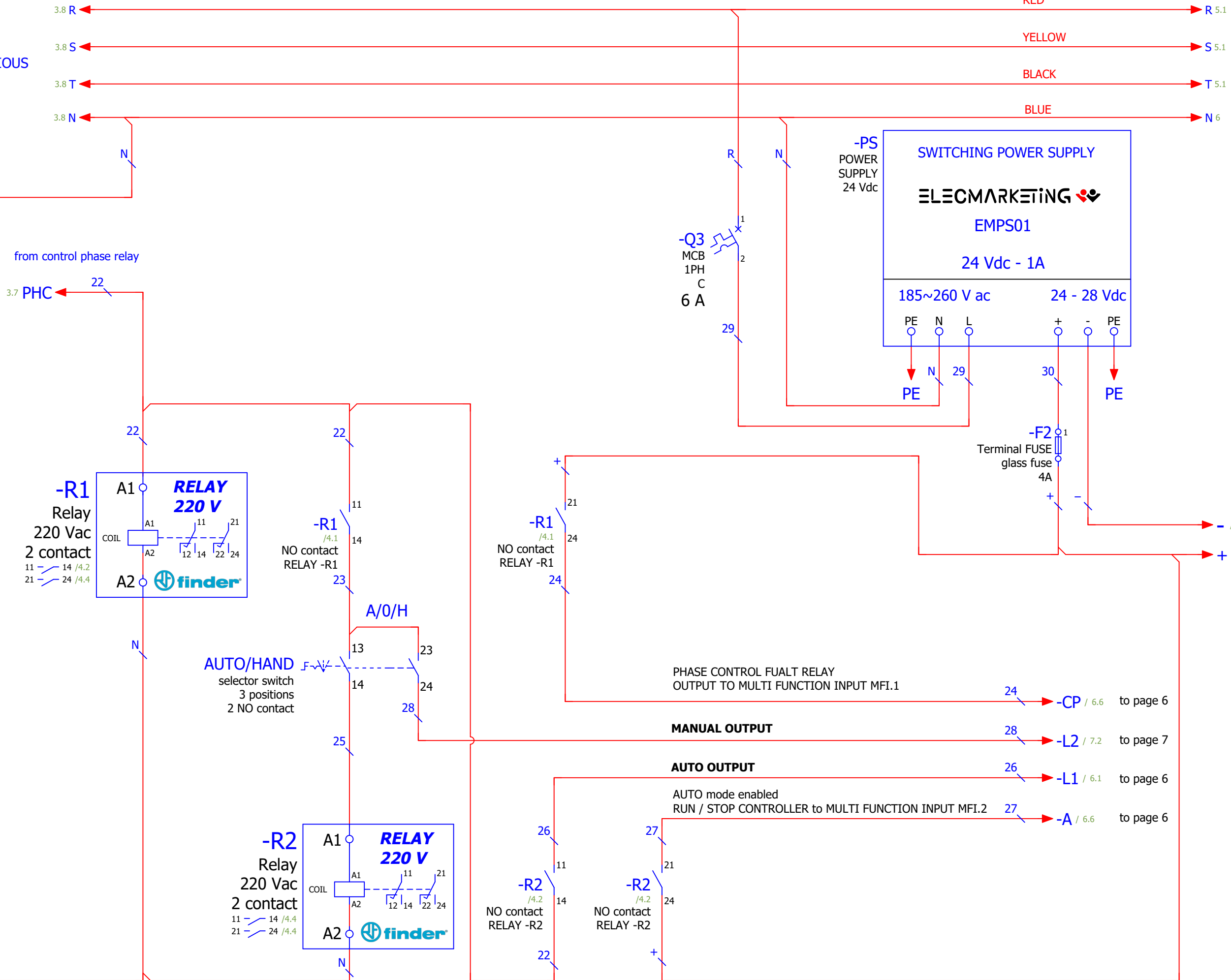
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1 DRIVE - 3 Pump

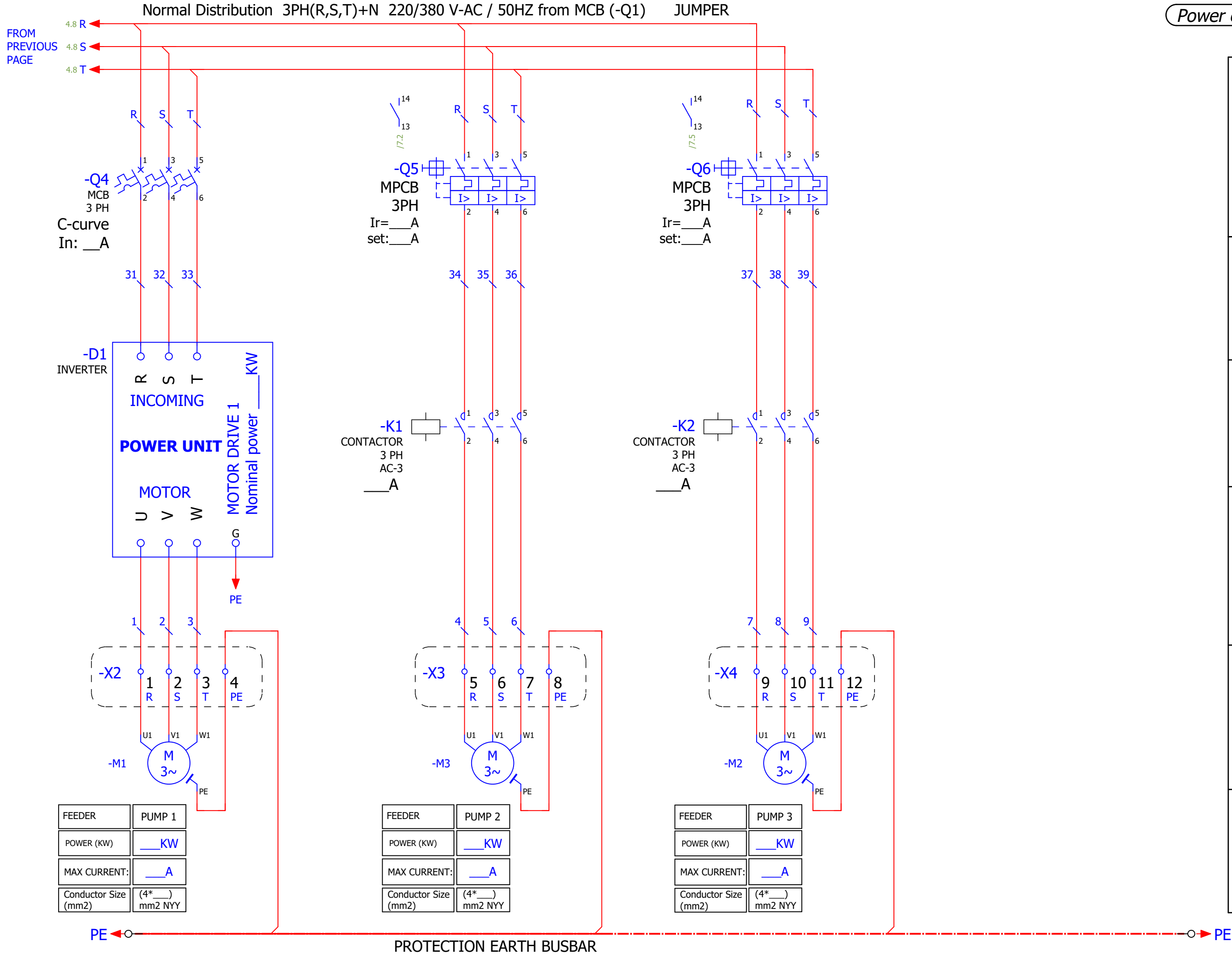
Manufacturer : Elecmarketing company

Power supply
3Phase 400 Vac/50HZ

CREATION DATE :
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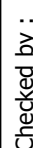
Power circuit diagram

FEEDER	PUMP 1
POWER (KW)	__KW
MAX CURRENT:	__A
Conductor Size (mm2)	(4*__) mm2 NYY

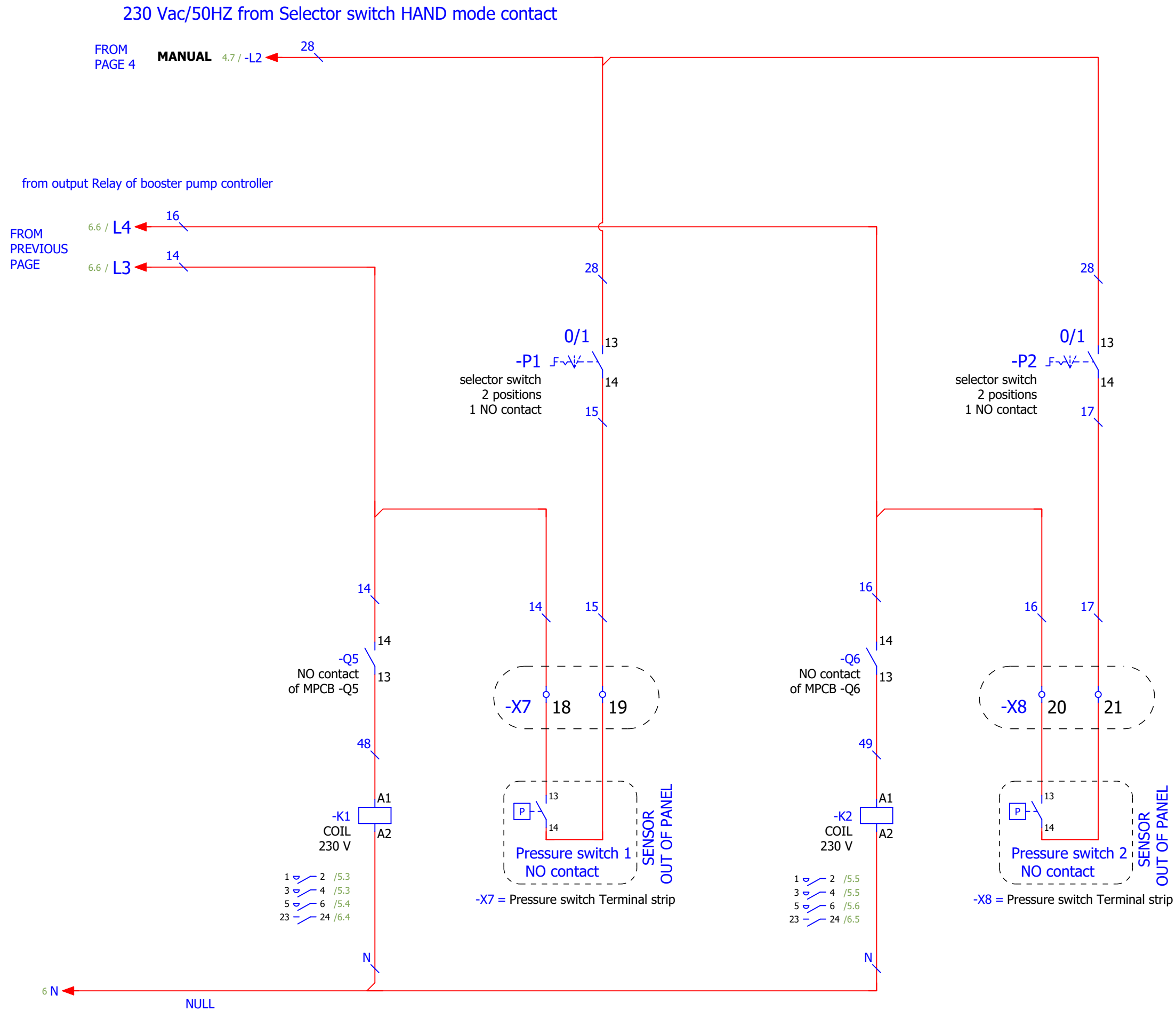
FEEDER	PUMP 2
POWER (KW)	__KW
MAX CURRENT:	__A
Conductor Size (mm2)	(4*__) mm2 NYY

FEEDER	PUMP 3
POWER (KW)	__KW
MAX CURRENT:	__A
Conductor Size (mm2)	(4*__) mm2 NYY

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Page number : 5	Number of pages: 10	
Page type : Schematic multi-line	Page Description : Power circuit diagram	Mounting panel :MCP panel
Project description: Mode 1 Boosterpump 1 DRIVE - 3 Pump	Manufacturer : Elecmarketing company	
CREATION DATE : 1403/09/20	Checked by : ENG.MOUSAVI	Power supply 3phase 400 Vac/50HZ

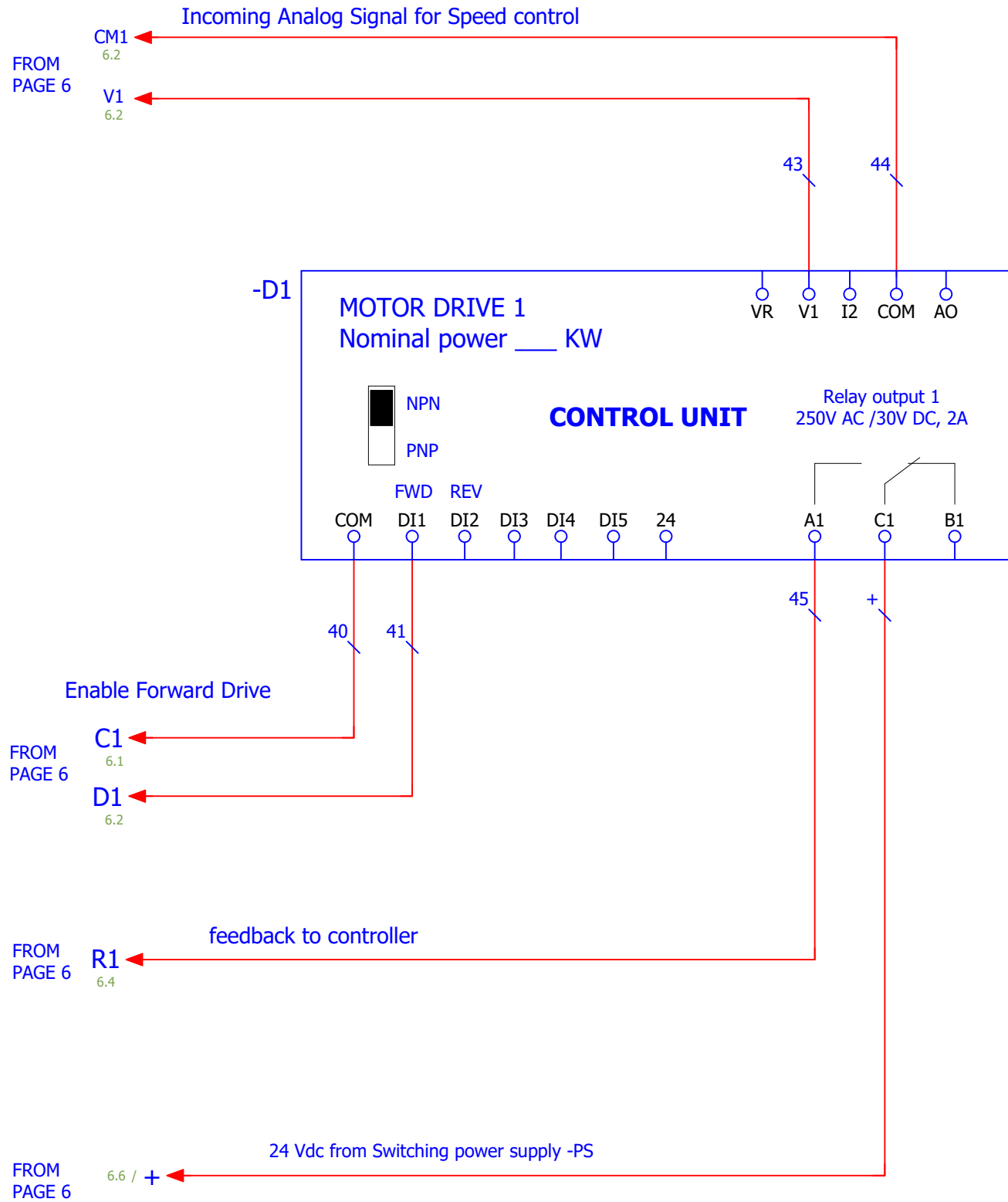



Control circuit diagram

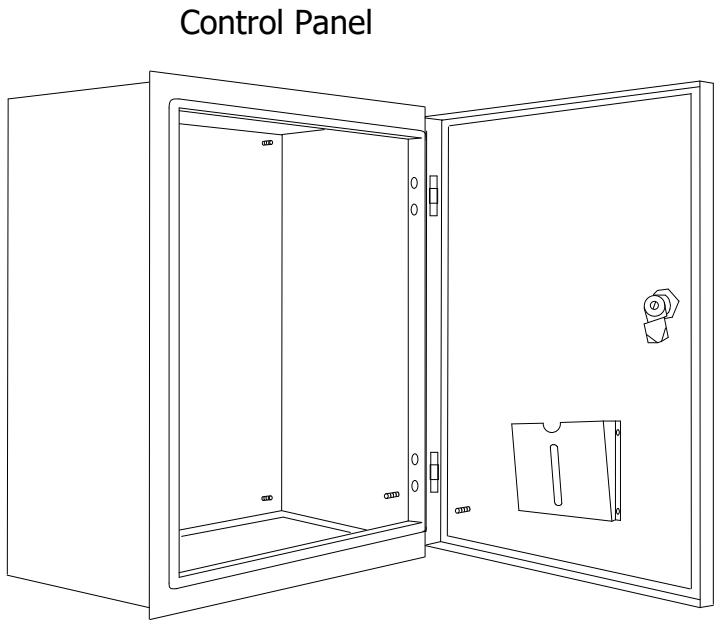


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Project description: Mode 1 Boosterpump 1 DRIVE - 3 Pump	Manufacturer : Elecmarketing company	
CREATION DATE : 1403/09/20	Power supply 3Phase 400 Vac/50HZ	Checked by : ENG.MOUSA VI

Drive circuit diagram



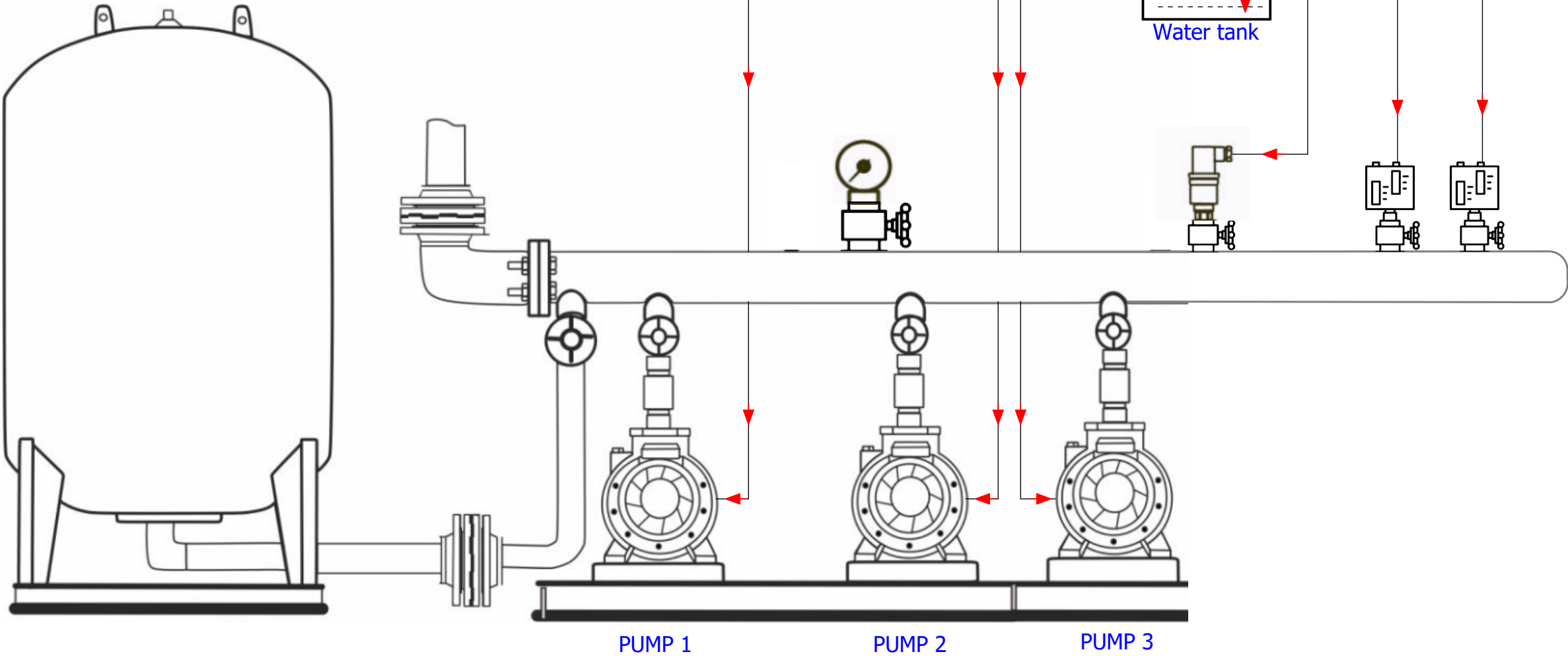
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				Page Description : Drive circuit diagram				Drawing by : B.soltani			
Manufacturer : Elecmarketing company				Mounting panel : MCP panel		Number of pages: 10					
Checked by : ENG.MOUSA VI		Power supply 3Phase 400 Vac/50HZ									



Control Panel

Booster pump overview

CONSUMER	Incoming	pump 1	pump 2	pump 3	Floater	Pressure Transmitter	Pressure Switch 1	Pressure Switch 2
TAG	-X1	-X2	-X3	-X4	-X5	-X6	-X7	-X8
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



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Page number : 9

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Booster pump overview

Mounting panel :MCP panel

Project description:
Mode 1 Boosterpump
1 DRIVE - 3 Pump

Manufacturer : Elecmarketing company

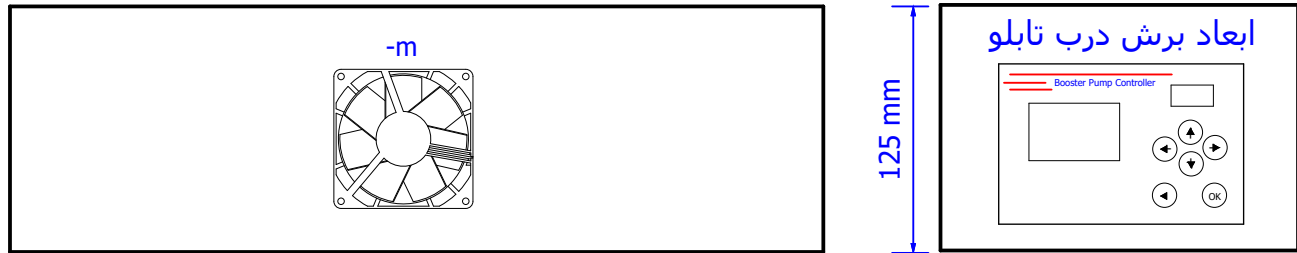
Power supply
3phase 400 Vac/50HZ

CREATION DATE :
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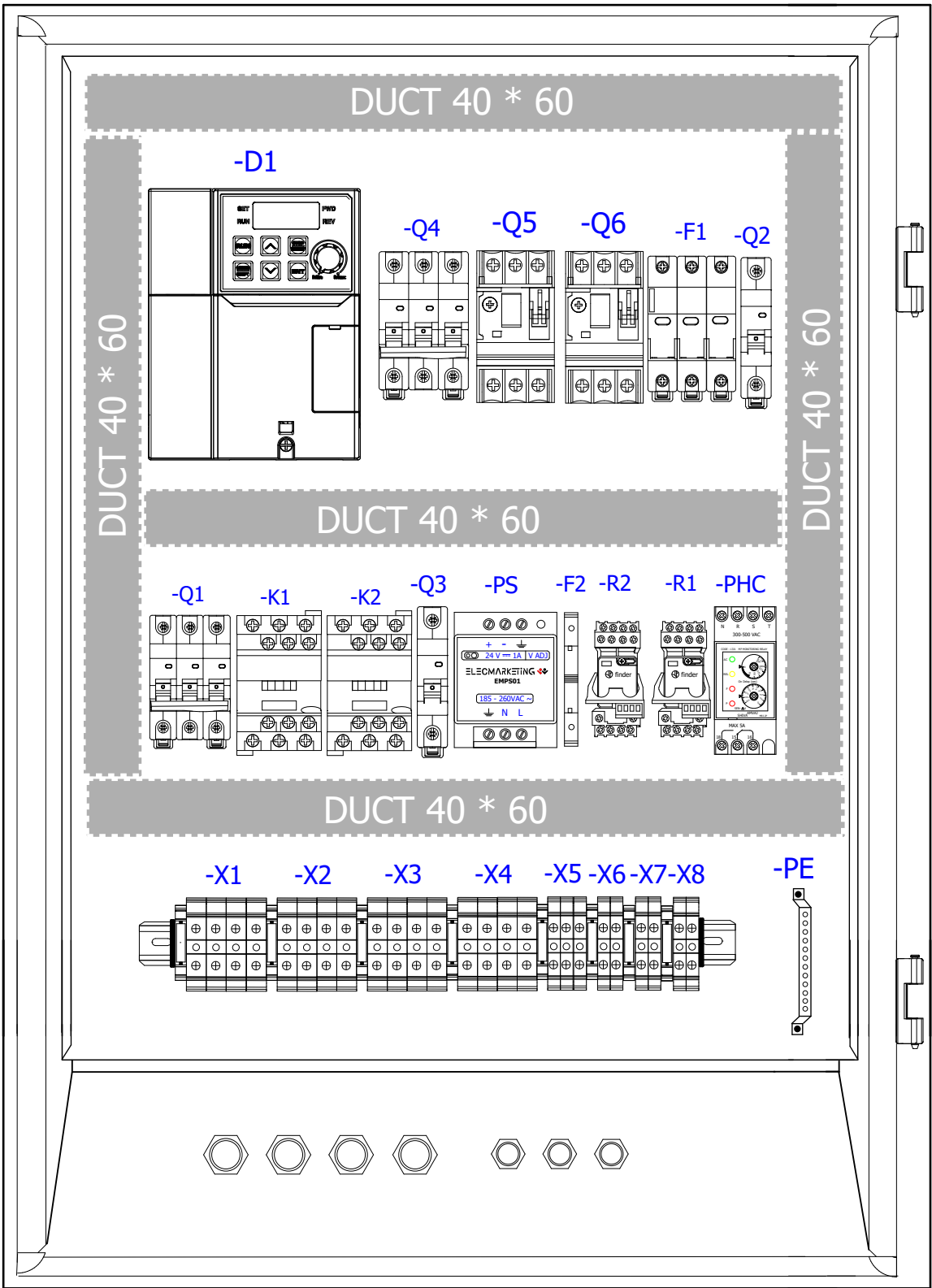
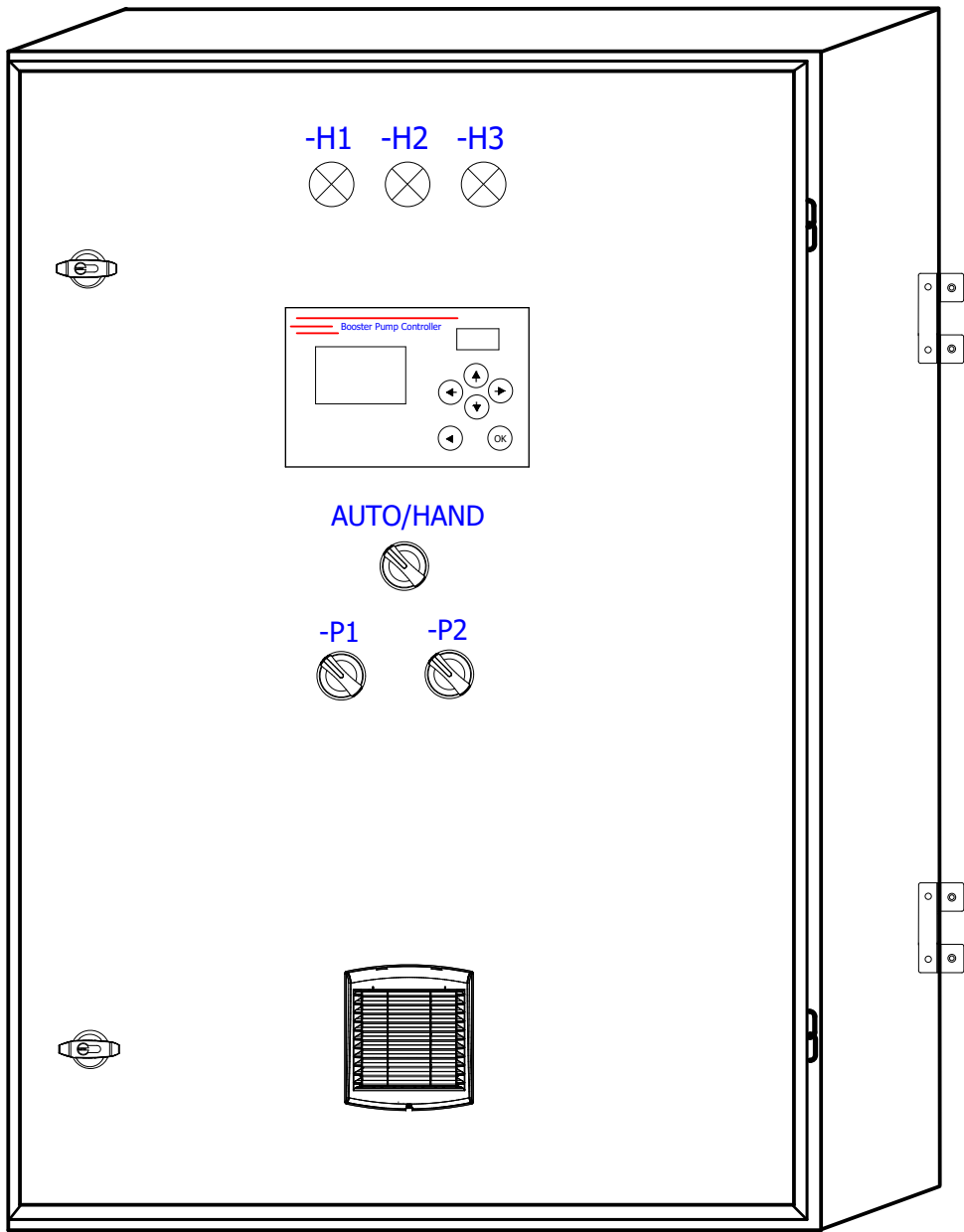
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Panel layout

TOP VIEW



EXTERNAL VIEW



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Page type : Panel layout	Page Description : Panel layout		Mounting panel :MCP panel
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