

# ELECMARKETING

Creator: Elecmarketing company

Project name: [Booster pump - 2 DRIVE - 3 Pump](#)

Panel name: [Booster pump panel](#)


Working mode: [Mode 1](#)

Description	Page	Description	Page
Table of contents	1	Controller schematic diagram	6
Symbol table	2	Drive 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](#)

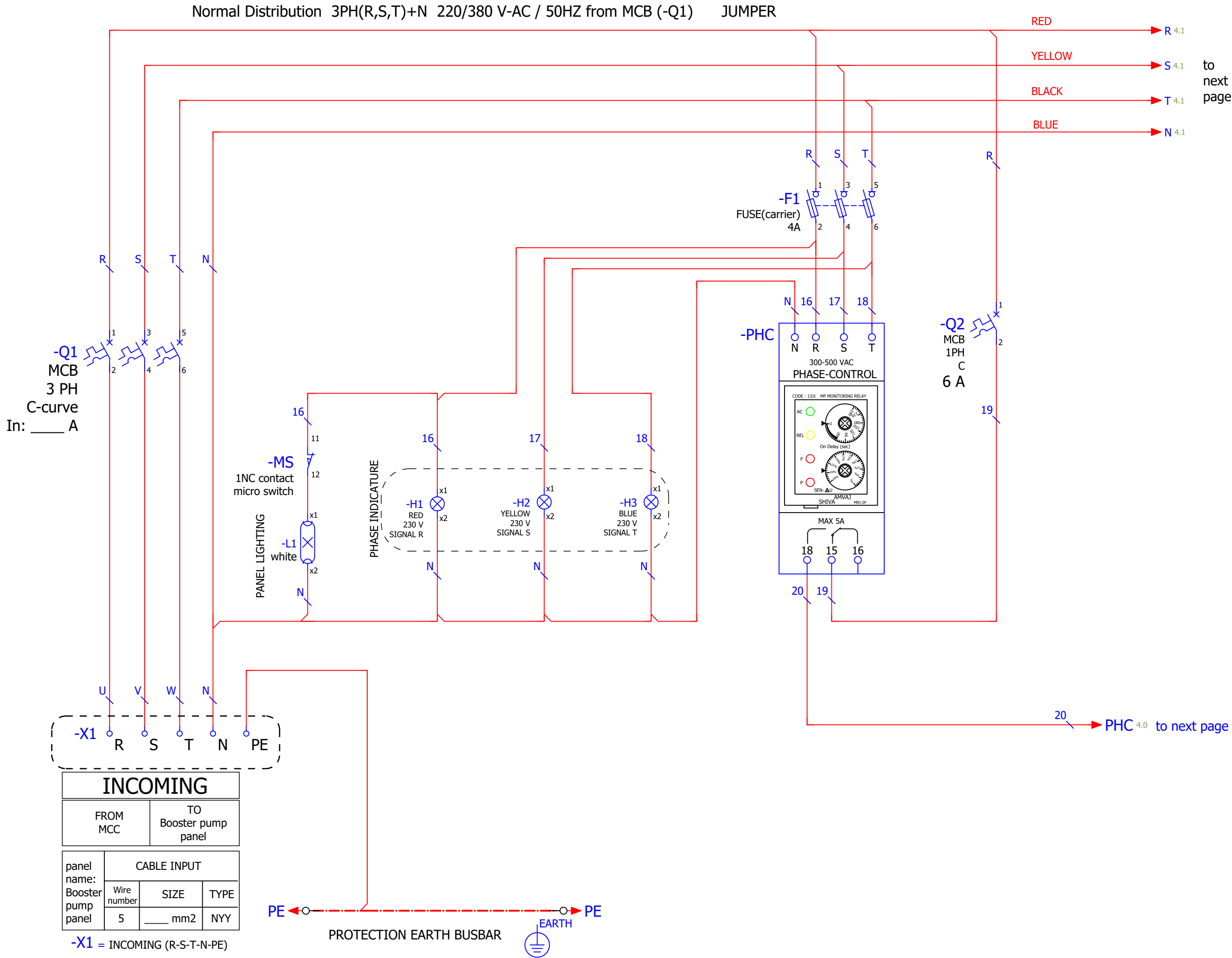
		
CREATOR : Elecmarketing Group	Drawing by : B.soltani	
Page number : 1	Number of pages: 9	
Page type : Graphic	Page Description : Table of contents	Mounting panel :MCP panel
Project description: Mode 1 Boosterpump 2 DRIVE - 3 Pump	Power supply 3phase 400 Vac/50HZ	
CREATION DATE : 1403/09/20	Manufacturer : 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 بوبین 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 1 Boosterpump 2 DRIVE - 3 Pump	Page type : Graphic	CREATOR : Elecmarketing Group	
Manufacturer : Elecmarketing company		Page Description : Symbol table		Page number : 2
Checked by : ENG.MOUSAVI	Power supply 3Phase 400 Vac/50HZ	Mounting panel :MCP panel	Drawing by : B.soltani	Number of pages: 9

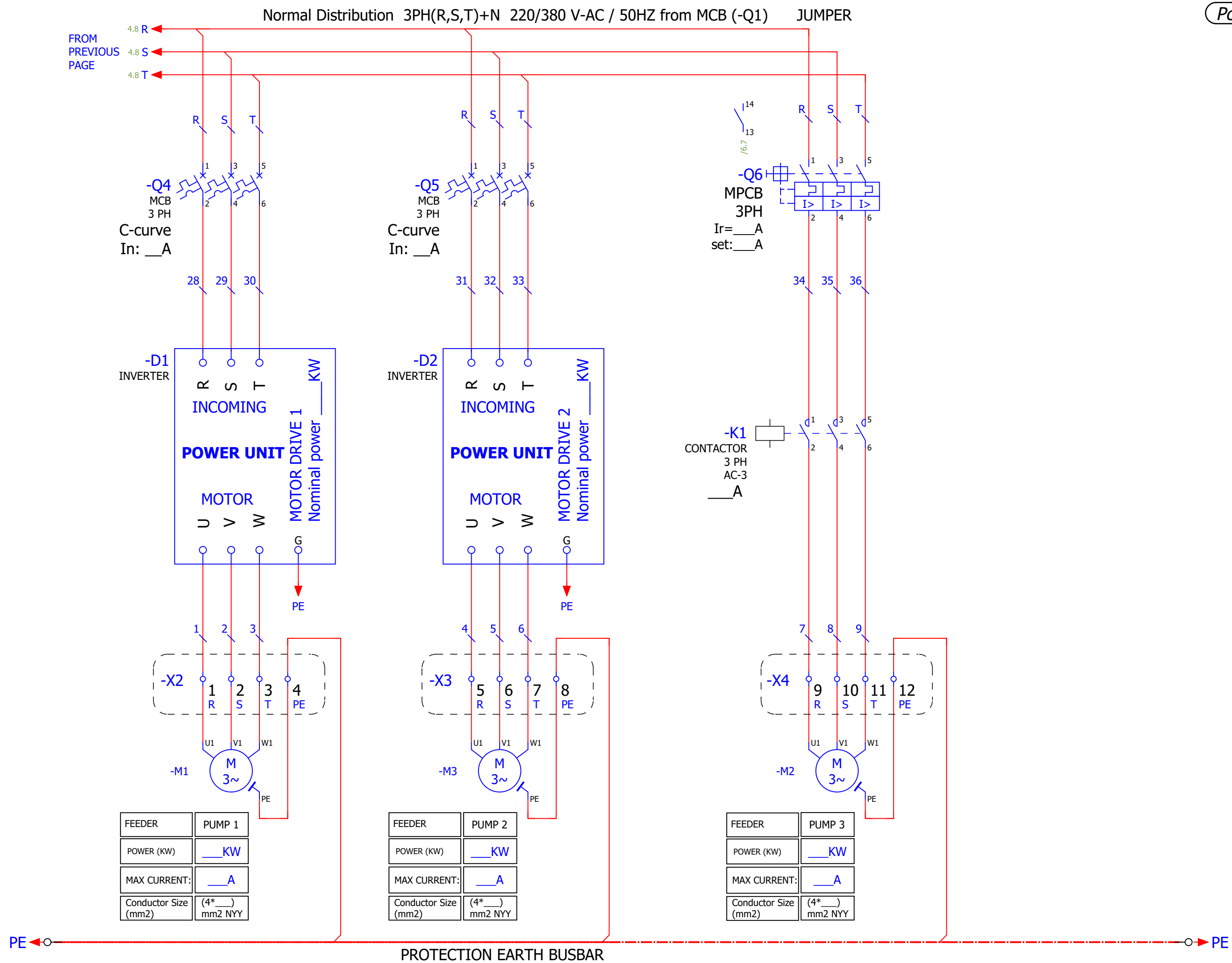


INCOMING



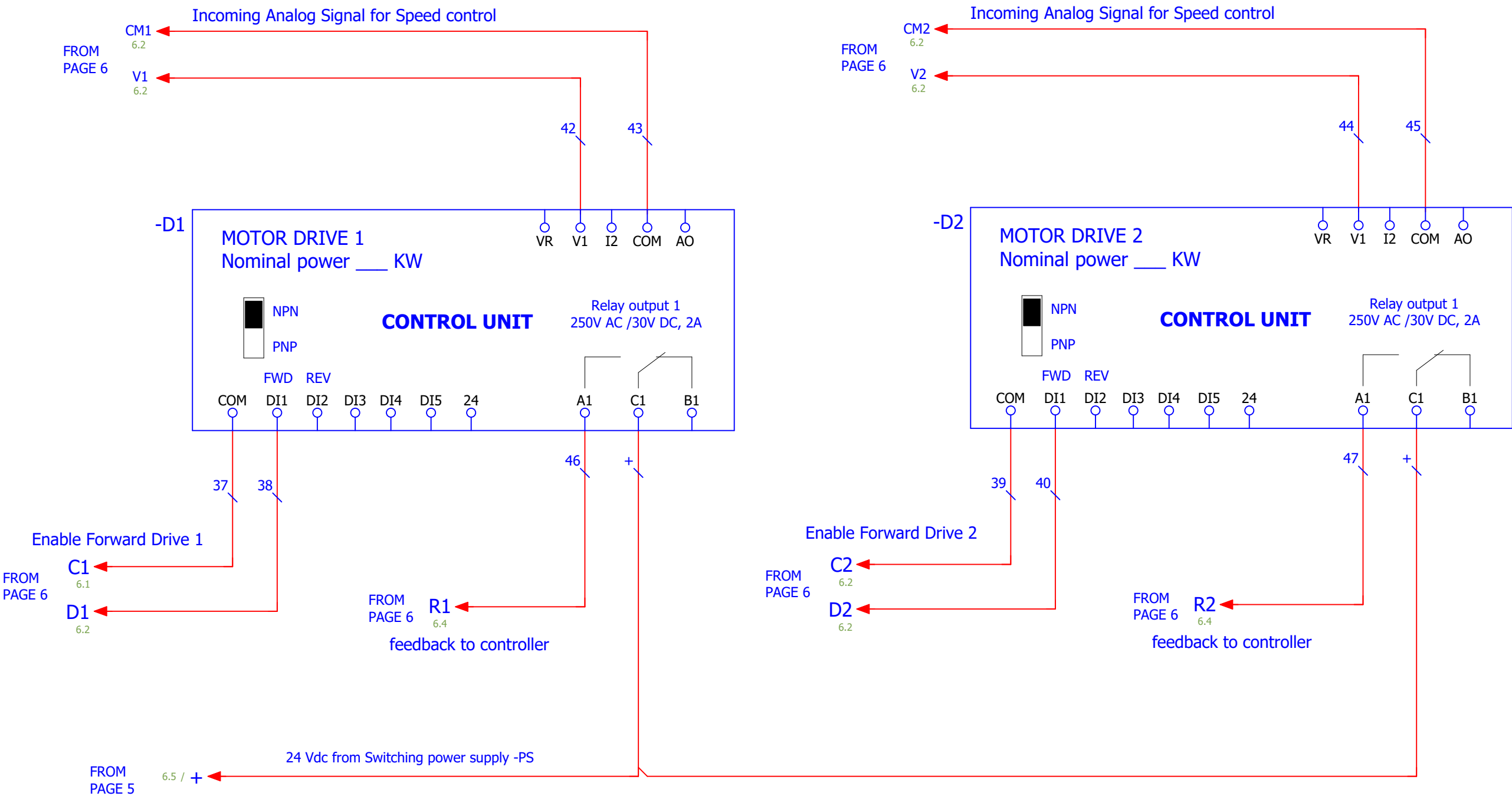
CREATOR : Elecmarketing Group		Drawing by : B.soltani	
Page number : 3		Number of pages: 9	
Page type : Schematic multi-line	Page Description : INCOMING		Mounting panel :MCP panel
Project description: Mode 1 Boosterpump 2 DRIVE - 3 Pump	Manufacturer : Elecmarketing company		Power supply 3Phase 400 Vac/50HZ
CREATION DATE : 1403/09/20	Checked by : ENG.MOUSAVI		





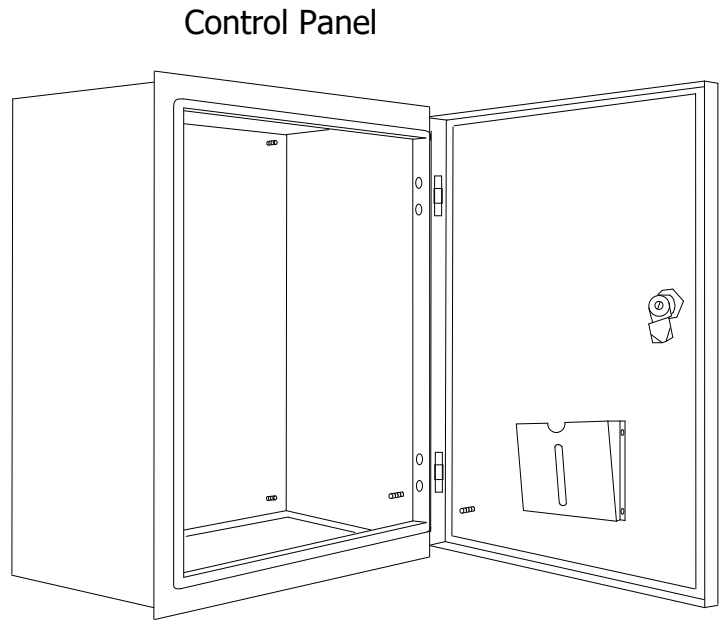


Drive circuit diagram



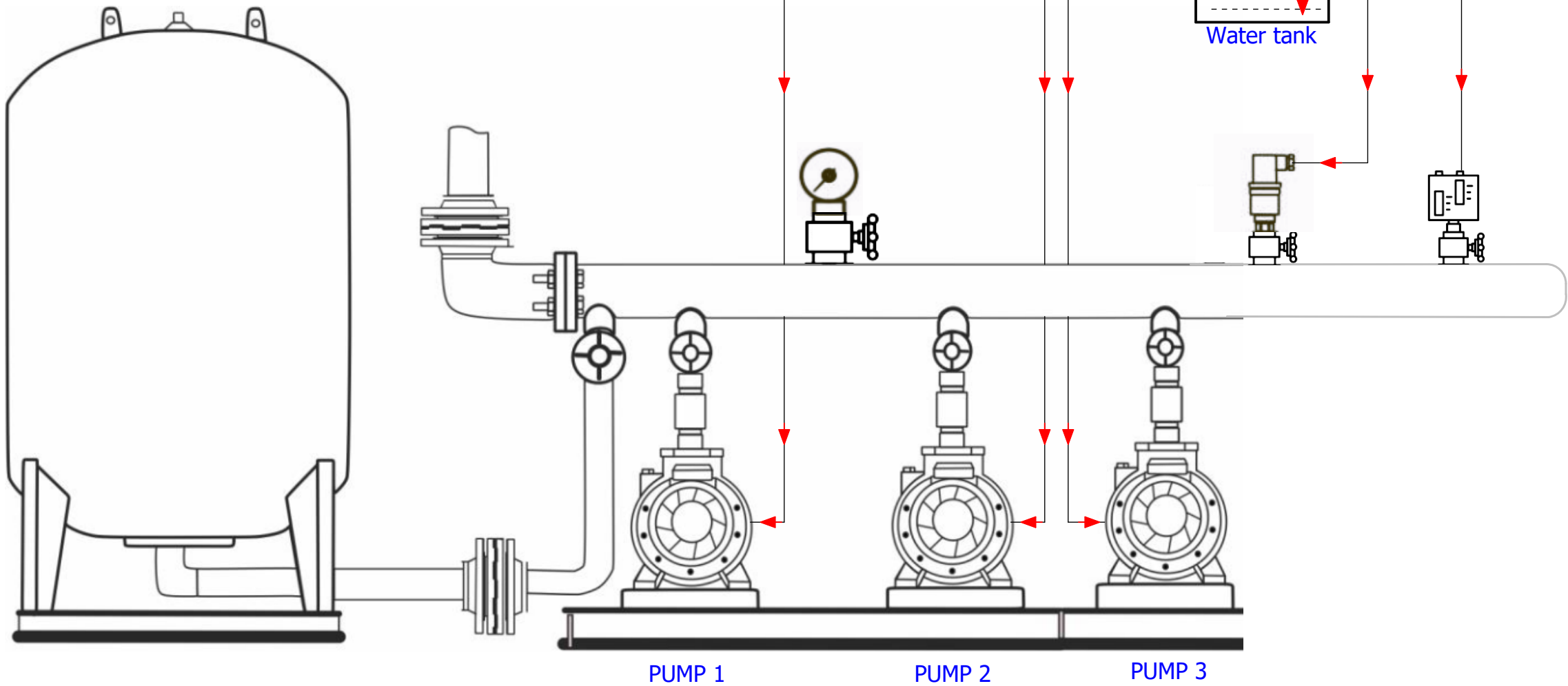
CREATION DATE : 1403/09/20	Project description: Mode 1 Boosterpump 2 DRIVE - 3 Pump	Page type : Schematic multi-line	Page number : 7	CREATOR : Elecmarketing Group
Manufacturer : Elecmarketing company		Page Description : Drive circuit diagram		
Checked by : ENG.MOUSAVI	Power supply 3Phase 400 Vac/50HZ	Mounting panel :MCP panel	Number of pages: 9	Drawing by : B.soltani





Control Panel

CONSUMER	Incoming	pump 1	pump 2	pump 3	Floater	Pressure Transmitter	Pressure Switch
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

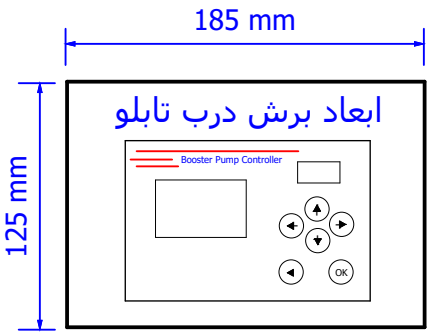
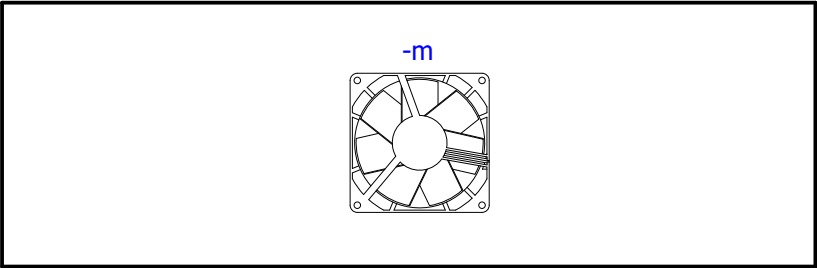


Booster pump overview

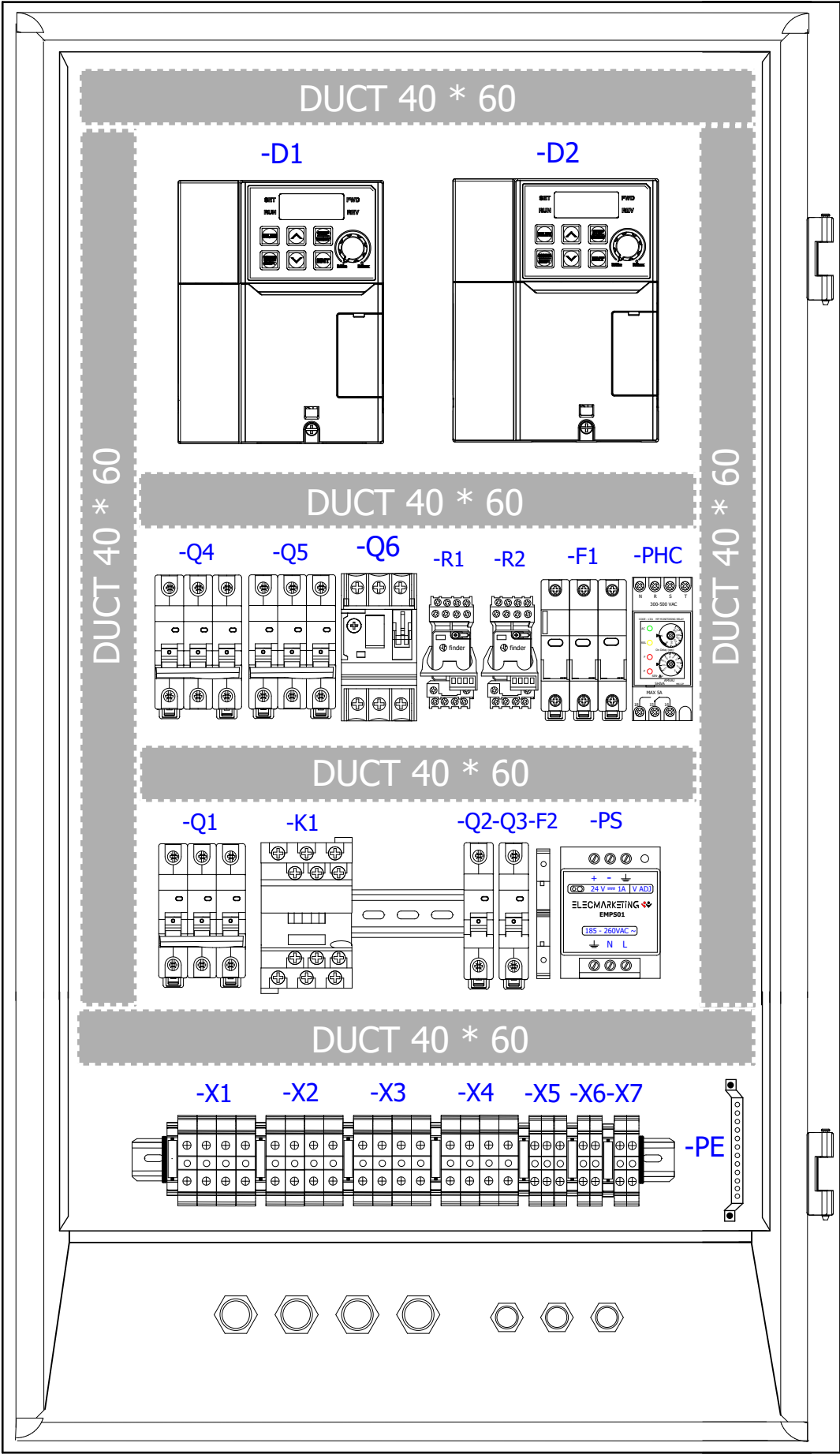
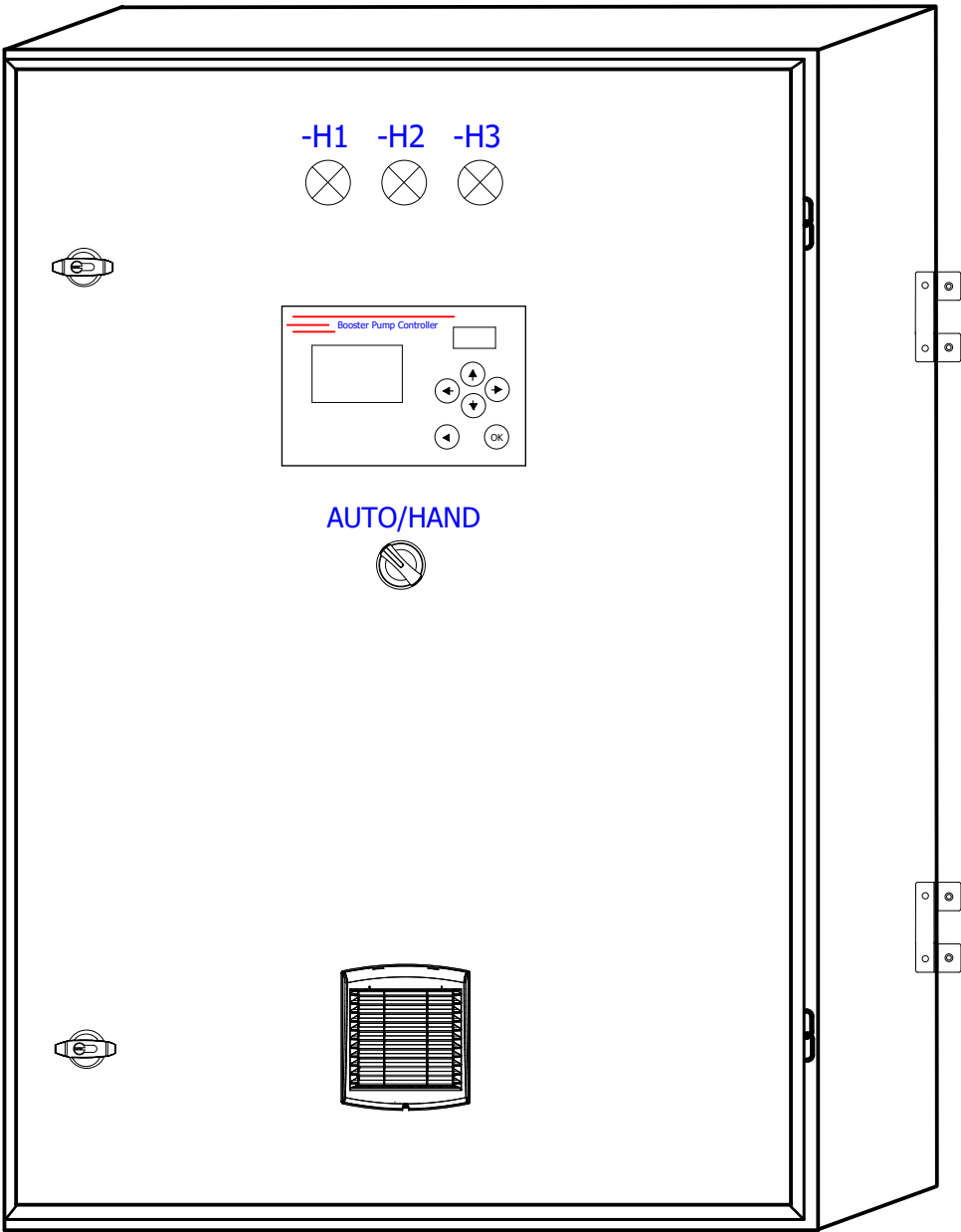
CREATOR : Elecmarketing Group	Drawing by : B.soltani	
Page number : 8	Number of pages: 9	
Page type : Graphic	Page Description : Booster pump overview	Mounting panel :MCP panel
Project description: Mode 1 Boosterpump 2 DRIVE - 3 Pump	Manufacturer : Elecmarketing company	
CREATION DATE : 1403/09/20	Checked by : ENG.MOUSAVI	Power supply 3phase 400 Vac/50HZ




TOP VIEW



EXTERNAL VIEW



Panel layout

CREATION DATE : 1403/09/20		Project description: Mode 1 Boosterpump 2 DRIVE - 3 Pump		Page type : Panel layout		Page number : 9		CREATOR : Elecmarketing Group		<div>ELECMARKETING</div> <div></div>	
Manufacturer : Elecmarketing company		Page Description : Panel layout		Mounting panel : MCP panel		Number of pages: 9		Drawing by : B.soltani			
Checked by : ENG.MOUSAVI		Power supply 3Phase 400 Vac/50HZ									