



Electronic Controllers for Pump Systems

HYDROPAN

Hydropan Panel, used to control and display modes and faults of two pump booster / submersible systems up to 7,5 kW, has digital display and uniquely designed electronic main board and display module. The panel also contains General Fault / No Water / Phase Fault warning leds, Up / Down buttons enabling surfing into the menus. System parameters can be set easily using Approval/Cancel/Up/Down buttons on related Settings menus.



SPECIFICATIONS

Adjustable High & Low Current Protection
Adjustable High & Low Voltage Protection
Adjustable well filling time
Adjustable fault delay
Password protection against unauthorized intervention
Cyclic change-over with real time
Weekly test

PART NUMBER	MODEL
0037000001	HYDROPAN for 2 Pump Systems
0037000002	HYDROPAN for 1 Pump System

HYDROPAN with ALARM KIT

Hydropan Panel with Alarm Kit is used to control booster systems which supplies fire hydrant systems up to 7,5 kW. The panel has 2*16 character LCD display with alarm kit. has seven segment display and uniquely designed electronic main board. The panel can display current and voltage values for each phase on the panel. Automatic / Test buttons used to control each pump in manual or automatic mode, Pressure Switch, Pump Operation and Automatic Run Mode warning leds, as well as Reset, Cancel and Approval buttons. System parameters can be set easily using Approval/Cancel/Up/Down buttons on related Settings menus.



SPECIFICATIONS

Adjustable High & Low Current Protection

Adjustable High & Low Voltage Protection

Fault history logs up to 24 faults

Weekly test

PART NUMBER

MODEL

0037000001

HYDROPAN with Alarm Kit for 2 Pumps

0037000002

HYDROPAN with Alarm Kit for Single Pump

HYDROKON

Hydrokon is a Pump & Booster Frequency Inverter Unit having retrofit connection capability to the motor of booster or circulator applications. Hydrokon can control up to 4 cascade pumps (1 master, 3 slaves) with a power capacity of 7,5 kW.



SPECIFICATIONS

Easy programming

120% loading for 60 seconds

Programmable start and stop ramps

High and low voltage protection

Short circuit protection on motor terminals

PART NUMBER	MODEL
0047620004	ESP400-1100(3/3FAZ,380VAC)1,1 KW
0047620005	ESP400-1500(3/3FAZ,380VAC)1,5 KW
0047620006	ESP400-2200(3/3FAZ,380VAC)2,2 KW
0047620007	ESP400-3000(3/3FAZ,380VAC)3 KW
0047620008	ESP400-4000(3/3FAZ,380VAC)4 KW
0047620009	ESP400-5000(3/3FAZ,380VAC)5,5 KW
0047620010	ESP400-7500(3/3FAZ,380VAC)7,5 KW

EPLC-6

EPLC-6, is a frequency inverter control unit used in booster and circulator pump applications having 4.3" TFT touch screen , specifically designed PLC main board and relay module. Touch screen control panel is mounted on the front cover of control unit while relay module is assembled in the control unit. PLC control panel and relay module is connected to each other with data transfer cable. EPLC-6 control panel has the ability to drive and show status up to 6 pumps via relays and contactors. System parameters can be set easily using Settings menu on touch screen.



SPECIFICATIONS

High pressure protection with adjustable value and duration

Low pressure protection with adjustable value and duration against low water level and cavitation

Optimum reaction time according to system needs with the help of adjustable pump on/off time

Adjustable wake-up pressure

Adjustable cyclic change over time

Possibility to transfer parameters to building automation system via MODBUS

PART NUMBER	MODEL
0035000000	EPLC-6 Controller
0035 111111	EPLC-6 Relay Board

EHP

EHP is a pump controller unit having 128*64 graphics LCD screen and uniquely designed control board for constant speed booster applications. EHP provides control and screen up to 6 pumps with the help of control board via relays and switching components. System parameters can be changed on touch screen with user friendly interface. EHP Panel is an equipment which is triggered by pressure switch on the system and run pumps in order to reach desired pressure value.



SPECIFICATIONS
High Voltage and Low Voltage protection
Start-delta transition for the motor power 11 kW and more
Adjustable duration and number of motor start-up
High pressure protection with adjustable value and duration
Adjustable cyclic change over time
Possibility to transfer parameters to building automation system via MODBUS
Weekly periodic test

PART NUMBER	MODEL
0036000000	EHP Control Unit

DIGITAL CURRENT PROTECTOR

ETNA-Digital Current Protector measures the current value flown into the related circuit and cuts the current flow in case the value is not within the set limits. With this specification this component is used in pump applications for additional protection of dry running with low current protection and high current protection capability. It also enables to reset current faults occurred in the system. DTRT02 model is used for applications up to 7,5 kW and DTRT03 up to 132 kW.



SPECIFICATIONS

Adjustable High Current Protection

Adjustable Low Current Protection

Ability to Reset Current Faults

PART NUMBER

MODEL

0040770002

Current Protector DTR02

0040770003

Current Protector DTR03



Dudullu Organize Sanayi Bölgesi 2. Cadde No: 14
34775 Ümraniye İstanbul / Turkey
Tel : +90 216 561 47 74 (Pbx) • Fax : +90 216 561 47 50
www.etna.com.tr/en • info@etna.com.tr



ETNA®

0850 455 38 62
customer service