



ENKAEOS
Elektrik Elektronik A.Ş.



FREQUENCY CONTROL PANEL

PRODUCTION CATALOGUE

FREQUENCY CONTROL PANEL

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SYSTEM FEATURE

- Sheet Metal Panel
- IP 54 protection class
- Real-time date/time
- 4-20mA transmitter supply
- Turkish English language option
- Thermal-magnetic motor protection.
- Ability to adjust the wake-up pressure
- Ability to manually backup the pump
- Ability to adjust the pump co-aging time
- Selection of booster and circulation system
- Possibility of remote operation via dry contact
- Ability to make adjustments while the system is running.
- Ability to set the minimum operating frequency of the driver.
- Ability to view the individual working hours of the pumps via the menu
- Ability to set the drive deactivation frequency for the drive-operated pump.
- Ability to restrict unauthorized access thanks to encrypted menu login permission
- Manual – automatic operation thanks to the Selector button on the front cover of the panel
- Protection against waterless operation with external float connection in booster applications.
- Ability to display variables such as number of pumps, operating conditions of pumps, set pressure, instantaneous pressure, driver operating frequency, date and time on the main operation screen.
- Possibility to obtain sensitive pressure information with comprehensive sensor calibration and reset menu
- Adjustable pump start-up and deactivation times and optimal reaction speed according to system requirements.
- In case of a fault of the driver, it can automatically operate the pumps at maximum speed via the mains contactors
- Protection against waterless operation and working under the curve (cavitation) with its low pressure protection feature.
- Phase protection, phase sequence protection, overcurrent, short circuit protection, protection against waterless operation
- Ensuring the transition to sleep by raising the frequency to prevent constant pressure instability during the transition to sleep.
- Protection against high pressure with overpressure protection feature whose value and duration can be adjusted without the need for user intervention, and prevent the system from being blocked.

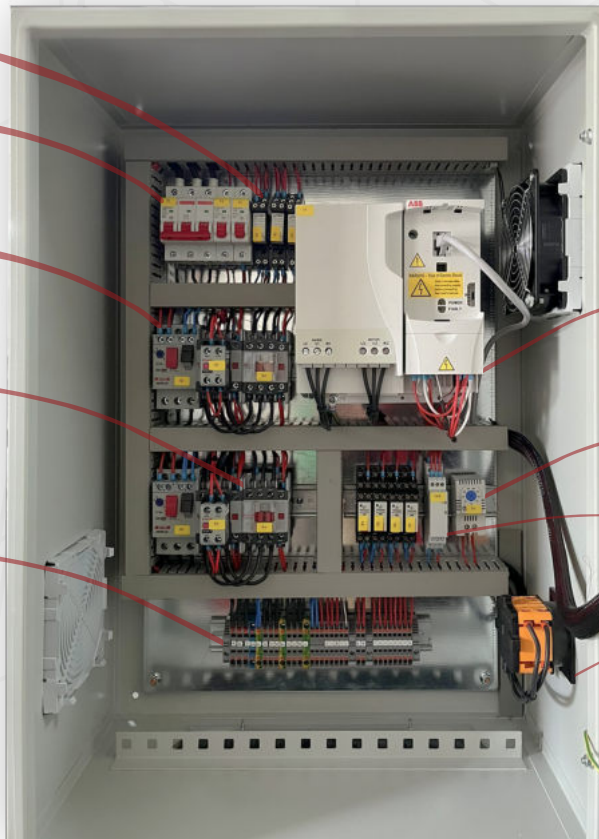
CONTROL PANEL & INTERNAL VIEW



CONTROL PANEL

CONTROL SWITCHES

WARNING LIGHTS



RELAY

INSURANCES

ENGINE PROTECTION

CONTACTORS

ENGINE TERMINAL

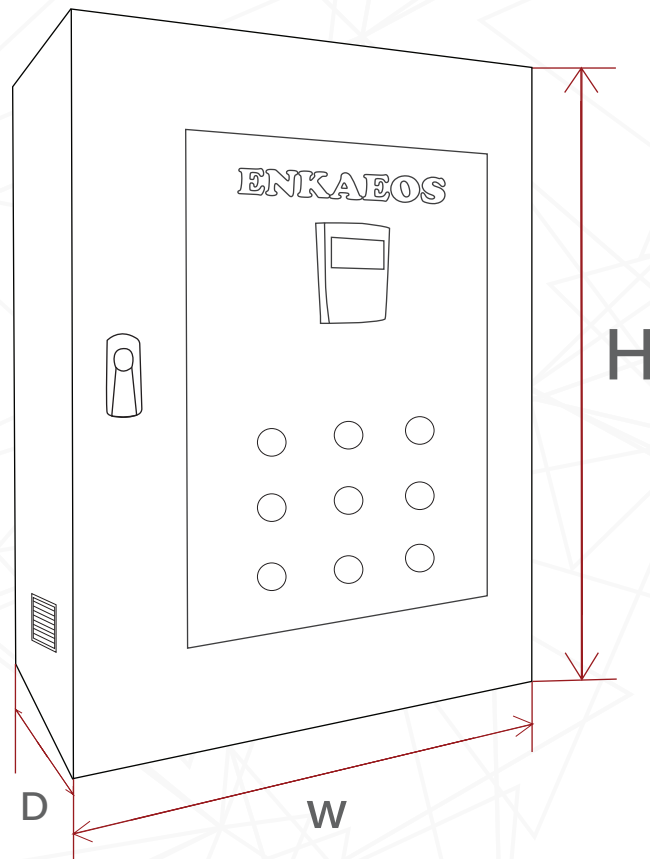
DRIVER

THERMOSTAT

PHASE PROTECTION
ROLE

PACO SWITCH

PANEL DIMENSIONS



1 Pump

KW	W	H	D
0,75kW	450mm	650mm	280mm
1,5kW	450mm	650mm	280mm
2,2kW	450mm	650mm	280mm
3kW	450mm	650mm	280mm
4kW	450mm	650mm	280mm
5,5kW	450mm	650mm	280mm
7,5kW	450mm	650mm	280mm
11kW	450mm	650mm	280mm

2 Pump

KW	W	H	D
0,75kW	450mm	650mm	280mm
1,5kW	450mm	650mm	280mm
2,2kW	450mm	650mm	280mm
3kW	450mm	650mm	280mm
4kW	450mm	650mm	280mm
5,5kW	450mm	650mm	280mm
7,5kW	450mm	650mm	280mm
11kW	550mm	750mm	280mm

3 Pump

KW	W	H	D
0,75kW	450mm	650mm	280mm
1,5kW	450mm	650mm	280mm
2,2kW	450mm	650mm	280mm
3kW	450mm	650mm	280mm
4kW	450mm	650mm	280mm
5,5kW	550mm	750mm	280mm
7,5kW	550mm	750mm	280mm
11kW	600mm	800mm	280mm

4 Pump

KW	W	H	D
0,75kW	600mm	800mm	280mm
1,5kW	600mm	800mm	280mm
2,2kW	600mm	800mm	280mm
3kW	600mm	800mm	280mm
4kW	600mm	800mm	280mm
5,5kW	700mm	1000mm	280mm
7,5kW	700mm	1000mm	280mm
11kW	700mm	1000mm	280mm



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