

★ **Direct EN Series**

Electric Motor Fire Pump Control Panels with smart user interface operates the system according to EN12845.

- ◇ Easy and quick set-up features with navigation buttons and readable LCD display
- ◇ Factory equipped with Isolating switch with door locking system
- ◇ Different types of connections to start and stop motor such as; flow switch, pressure switches/ sensors, valve etc.



Technical Features

- Metal Enclosure / IP 54
- Main switch with locking mechanism
- Auto / Off / Manual Switch
- 128 x 64 LCD Graphical Display
- Green LED for Motor Running / Red LED for failures
- Power supply 3-50/60Hz 400V \pm 15%
- Input for start command
- Lamp test function
- Push-buttons for pump Start/Stop in manual test
- Alarms and signals;
 - Motor Overcurrent (Adjustable)
 - Motor low current (Adjustable)
 - Phase Loss failure (Adjustable)
 - Phase Sequence failure (Adjustable)
 - Min / max voltage (Adjustable)
 - Motor starting time
 - Power AC available
 - Pump on Demand
 - Pump start failed
 - Pump running
- MODBus (RS485)
- Line Contactor AC3
- Password protection for un-authorized people access.
- USB port for downloading failures, messages, events and alarms with date&time. (Last 500)
- Adjustable weekly test run
- Maintenance time displays and messages
- Solenoid Valve Output
- Alarm outputs (NC-5A/250V)

Technical Data

Direct EN Control Panel

Direct EN	COD	VOLTAGE		MAX POWER		CURRENT Max (A)	BOX DIMENSIONS				WEIGHT KG
		V-		kW	Hp		H	L	W	Materials	
Direct-EN/4	25001	3 - 400		4	5.5	9	600	400	200	Metallic	
Direct-EN/5.5	25002	3 - 400		5.5	7.5	12	600	400	200	Metallic	
Direct-EN/7.5	25003	3 - 400		7.5	11	16	600	400	200	Metallic	
Direct-EN/9.2	25004	4 - 400		9.2	12.5	20	600	400	200	Metallic	
Direct-EN/11	25005	3 - 400		11	15	25	600	400	200	Metallic	
Direct-EN/15	25006	3 - 400		15	20	32	600	400	200	Metallic	
Direct-EN/18.5	25007	3 - 400		18.5	25	40	600	400	200	Metallic	
Direct-EN/22	25008	3 - 400		22	30	50	600	400	200	Metallic	

**It is possible to realize the panel for 30 kW and largest capacity according to demand*

***Please contact us for custom design production*

Optional Accessories

Pressure Transmitter



Model	Power (V)	Range Settings
P-T/10	12	10 Bar
P-T/16	12	16 Bar
P-T/25	12	25 Bar
P-T/40	12	40 Bar

Pressure Switch



Model	Range	Range Settings
P-S/10	1-5 Bar	10 Bar
P-S/16	3-12 Bar	16 Bar
P-S/25	2-14 Bar	25 Bar