

Control System

The control system is used for the starting and stopping of the vacuum producer, turbopump or high pressure fan. They control also filter cleaning and give condition indications. In the system control panels, additional

functions can be built in.

Control systems must be installed by certified electrician. The control panels conform to electrical protection class IP 54 (IC529). Manufacturing standards conform to EN60204

(IEC204-1), VDE0113A2 /381, DIN 57113A2.

Main Fuses and working disconnects are not included in the control panels.

Motor	Start/stop	Filter cleaning	Page
2.5 kW 3.0 kW			Starter 64
5.5 kW 7.5 kW 9.2 kW 2x5.5 kW			Motor Controller Continuous Running 64
11 kW 15 kW 18.5 kW 22 kW 30 kW			Motor Controller Intermittent Running 65
2x5.5 kW 2x7.5 kW 2x9.2 kW 2x11 kW			System Control Panel 1 Pump 66
2x15 kW 2x18.5 kW 2x22 kW 2x30 kW			System Control Panel 2 Pumps 67

Symbols Chap 8

	Start/stop pump/fan		Selector	
	Intermittent running starting by microswitch		Main Switch	
	Filter cleaning		Running Time Counter	Choice, Accessories, Spare parts 68
	Power Supply, Main Fusing		PLC	Airlock Control, Special Control Panels 68
	Running Indication		Solenoid valve 24 V AC	
			Breaker	
			Thermal Protector turbopump	