

ES 6i

Cutting-edge central control system



The integrated solution

The compressor controller Elektronikon® Graphic can be upgraded with a central multi compressor control (MCC) ES 6i. The ES6i "multi compressor control" can control of up to 6 compressors including 6 Variable Speed Drive (VSD) machine. In this way the ES6i reduces running costs in the complete compressor installation.

Maximum savings

- Reduced pressure band
- Dual pressure band
(lower pressure setpoint or stop compressor installation when there is no production)
- Minimized unload time for compressors
- Selection of next compressor
- Equalizing running hours
- Optimized use of VSD as regulating compressor

Minimum installation costs

- Upgrading of the current compressor controller into central controller
- No external pressure sensor needed
- No external power supply needed
- High level information flow Atlas Copco CANBUS

Central monitoring

- One point of control place for the complete compressor installation
- Real time trending & compressors status on the controller screen
- Free real time compressors status overview

Options

- Trending
- Reporting
- SMS service
- Remote pressure sensor



Technical data

	ES 4i	ES 6i	ES 6
General			
Description	Sequence controller	Sequence controller	Sequence controller
Type	Integrated	Integrated	Wall-mounted
Controller capacity			
Maximum number of connected machines	4	6	6
Load / no Load	4	6	6
Atlas Copco VSD	1	6	6
Competitor VSD	0	0	1
Connectivity			
Maximum number of machines via CAN	4	6	6
Maximum number of machines via Digital in/outputs	0	0	6
Remote system on/off	YES	YES	YES
Hardware			
Display	3.5i graphic	3.5i graphic	5.7i graphic
Pressure sensing	Compressor sensor Optional Remote	Compressor sensor Optional Remote	Remote
Cubicle protection	IP 54	IP54	IP54
Dimension (Depth x Width x Height mm)	Integrated	Integrated	210x400x400
Functions			
Pressure band optimisation (1)	◦	◦	◦
Use VSD to match the flow	◦	◦	◦
2 nd , 3 rd Atlas Copco VSD @ optimum speed	N/A	◦	◦
Dual pressure band (2)	◦	◦	◦
Timer based system shutdown/start	◦	◦	◦
Equalizing running hours across different compressors (3)	◦	◦	◦
Priority settings (4)	◦	◦	◦
Standby machine activation for temporary period	◦	◦	◦
Timer based priority settings (4)	◦	◦	◦
Realtime graph and compressor status overview on controller (6)	◦	◦	◦
Free real time current status visualisation browser based (5)	◦	◦	◦
Full visualisation	Optional	Optional	Optional
SMS service	Optional	Optional	Optional



Reduced pressure band (1)



Equalizing Running hours (2)



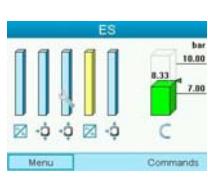
Dual pressure band (3)



Priority compressor selection (4)



Real time visualisation (5)



Real time status (6)