

Datasheet

X-starter



Part no. 65571



Manufacturer & Type

Manufacturer	Sperre Industri AS
Model	Starter W90-150/150 E 380-480/230 K
Type	XSSW42E-90-150/150
Compressor	X-range Water-cooled

Supply

Main Volts/Cycles/Phases	380-480 VAC / 50-60Hz / 3-phase
Control Voltage Outputs	230 VAC / 50-60Hz
Control Voltage Inputs	24 VDC
Thermal relay range, In	90-150 A
Contactors type	150A
Max rating of associated main fuses	250 A
Associated control fuses F4-F5	5x25mm, 2,5A quick acting
Associated control fuses F6-F7	5x25mm, 0,8A-2,5A med. slow acting
Main supply cable gland size	M63, 37-44mm

Technical Data

Size of enclosure	600 x 500 x 300 mm
Enclosure rating	IP 65
Enclosure painting	RAL 9006
Weight	33 Kg

Digital Inputs

1. Local emergency stop
2. External emergency stop
3. Thermal overload relay
4. Remote start / stop
5. Remote load / unload
6. No function
7. Oil level shutdown
8. PTC thermistors el-motor

Digital Outputs

1. Signal to contactor
2. Drain valve solenoid
3. Function selectable
4. Remote mode signal
5. Remote alarm / service alarm
6. Remote com. Shutdown

Output 3 selection

1. Alarm
2. Shutdown
3. Group Fault
4. Alarm / Service alarm
5. Service Alarm
6. Heater (default)
7. Standby
8. Running
9. Loaded
10. Started

Analogue Inputs 4-20mA

1. Delivery pressure transducer
2. Compressor high pressure transducer
3. Compressor low pressure transducer

Analogue Output 4-20mA

1. Function selectable

Analogue Output selection

0. Delivery pressure
1. Delivery temperature
2. High pressure compr.
3. Motor current (A)

Analogue Inputs expansion module

4. Delivery temperature transducer
5. Compressor oil-level transducer
6. No function
7. Compressor motor current transducer

Communications

2 RS485 ports

Ports

Port 1 Modbus communication
Port 2 PMS between compressors

Extraordinary Functions

Automatic service cycle function
Service log
Error log with the 30 last fault codes
Pressure Management System
Power Failure Auto Restart
Multi language

General Operations

1. Semi Automatic Mode
2. Fully Automatic Mode
3. Test Mode Safety Valve
4. Test Mode Drain & Leak

Led Indicators

1. Status running (green)
2. Faults (red)
3. Service (yellow)

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