

# Datasheet

## X-starter



Part no. 65556



### Manufacturer & Type

|              |                                   |
|--------------|-----------------------------------|
| Manufacturer | Sperre Industri AS                |
| Model        | Starter W63-80/80 E 380-480/230 K |
| Type         | XSSW42E-63-80/80                  |
| 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             | 63-80 A                             |
| Contactors type                     | 80A                                 |
| Max rating of associated main fuses | 125 A                               |
| Associated control fuses F4-F5      | 5x25mm, 2,0A quick acting           |
| Associated control fuses F6-F7      | 5x25mm, 0,63A-2,5A med. slow acting |
| Main supply cableland size          | M40, 22-32mm                        |

### Technical Data

|                    |                    |
|--------------------|--------------------|
| Size of enclosure  | 500 x 400 x 200 mm |
| Enclosure rating   | IP 65              |
| Enclosure painting | RAL 9006           |
| Weight             | 21 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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