

Electric Part-Turn Actuator SPR 1PA



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|-----------------------|-------------------------|---------|
| Type number: | 231 | |
| Switching-off torque: | 90 | [Nm] |
| Operating time: | 10 to 80 | [s/90°] |
| Operating angle: | 50° to 360° | |
| Ambient temperature: | -25 (-40) to +55 | [°C] |
| Protection enclosure: | IP 67 | |
| Operating position: | any position | |
| Weight: | 6,5 to 8,3 | [kg] |

Standard Specification

- Supply voltage 230 V AC
- Terminal board connection
- Protection of the motor against overheating
- Switching off in limit positions from the position or torque
- Adjustable switching off-torque from 50% to 100%
- Torque blocking in limit positions
- Torque blocking during the start
- 2 freely programmable relays RE1, RE2 (position, torque...)
- Relay READY
- Control by unified signal 0/4 - 20 mA, 4 - 12 mA, 12 - 20 mA, or 0/2 - 10 V (not for DMS3 in 2P version)
- Control voltage for remote control 24 V DC
- Impulse control (inching duty)
- Timing mode / regime of operation
- Safety function ESD (failure reaction)
- Electronic position transmitter 4-20 mA passive (not for DMS3 in 2P version)
- Auxiliary voltage output 24 V DC, max. 40 mA for supply of the control inputs
- Output for failure messages
- Space heater operated by control unit
- LED position indicator
- Communication interface RS 232
- Programme for parameters setting by PC
- Mechanical stop ends
- Mechanical connection - flange ISO 5211
- Manual control

Options

- Supply voltage 3x400, 3x380, 240, 220, 120, 24 V AC
- Additional relays R3, R4, R5
- Local control
- Version with stand, lever and pull-rod