

Electric Linear Actuator STR 1PA



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|-----------------------|-------------------------|----------|
| Type number: | 431 | |
| Switching-off thrust: | 2300 to 10000 | [N] |
| Operating speed: | 8 to 80 | [mm/min] |
| Operating stroke: | 10 to 80 | [mm] |
| Ambient temperature: | -25 (-40) to +55 | [°C] |
| Protection enclosure: | IP 67 | |
| Operating position: | any position | |
| Weight: | 8,5 to 10,9 | [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 thrust
- Adjustable switching-off thrust from 50% to 100%
- Torque (thrust) blocking in limit positions
- Torque (thrust) blocking during the start
- 2 freely programmable relays RE1, RE2 (position, thrust...)
- 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 (Open-Stop-Close)
- 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 connection - pillars and flange
- Mechanical position indicator
- Manual control
- Protection code IP 67

Options

- Supply voltage 3x400, 3x380, 240, 220, 120, 24 V AC
- Additional relays R3, R4, R5
- Local control