

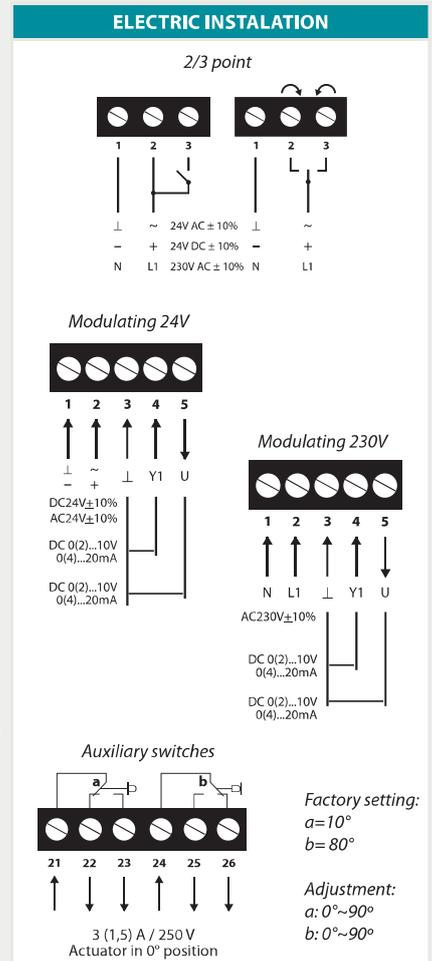
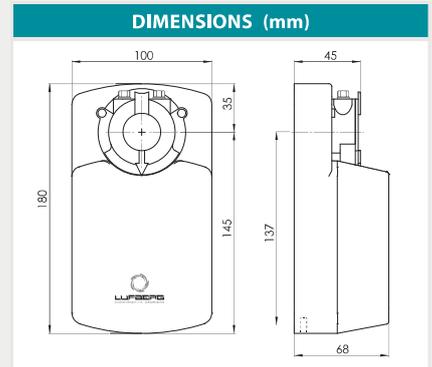
# ACTUATOR WITHOUT SPRING RETURN

## | DA32N... |



| TYPE OVERVIEW |            |                        |           |                    |                  |                   |
|---------------|------------|------------------------|-----------|--------------------|------------------|-------------------|
| Torque        | Controls   | Damper surface         | Voltage   | Auxiliary switches | Weight           | Type              |
| 32 Nm         | 2/3 point  | < 6,4 m <sup>2</sup> * | 24V AC/DC | -                  | 1,09 kg          | <b>DA32N24</b>    |
|               |            |                        |           | 2 SPDT**           | 1,1 kg           | <b>DA32N24S</b>   |
|               | -          |                        |           | 1,09 kg            | <b>DA32N24PI</b> |                   |
|               | Modulating |                        | 230V AC   | 2 SPDT**           | 1,12 kg          | <b>DA32N24PIS</b> |
|               |            |                        |           | -                  | 1,1 kg           | <b>DA32N220</b>   |
|               |            |                        |           | 2 SPDT**           | 1,11 kg          | <b>DA32N220S</b>  |
| 2/3 point     | Modulating | -                      | 1,1 kg    | <b>DA32N220PI</b>  |                  |                   |
|               |            | 2 SPDT**               | 1,13 kg   | <b>DA32N220PIS</b> |                  |                   |

| TECHNICAL SPECIFICATION                |   |                    |                    |                |
|--|---|--------------------|--------------------|----------------|
| Type                                   | DA32N24 (S)   | DA32N220 (S)       | DA32N24PI (S)      | DA32N220PI (S) |
| Torque                                 | 32 Nm   |                    |                    |                |
| Running time - motor                   | 135-185s  |                    |                    |                |
| Controls                               | 2/3 point   |                    | 0(2)-10V/0(4)-20mA |                |
| Voltage                                | 24V AC/DC   | 230V AC            | 24V AC/DC          | 230V AC        |
| Frequency                              | 50/60Hz (AC)  |                    |                    |                |
| Power consumption                      |   |                    |                    |                |
| - in operation                         | 4,5W  | 4,5W               | 4,5W               | 4,5W           |
| - at rest                              | 0,3W  | 0,5W               | 0,5W               | 0,5W           |
| - for wire sizing                      | 4,5VA   | 4,5VA              | 4,5VA              | 4,5VA          |
| Angle of rotation                      | 0~90°   |                    |                    |                |
| - setting                              | 5°~85° (5° step)                                      |                    |                    |                |
| Direction of rotation                  | by switch inside of the actuator                      |                    |                    |                |
| Sound power level - motor/springreturn | <45 dB(A)   |                    |                    |                |
| Position feedback                      | -   | 0(2)-10V/0(4)-20mA |                    |                |
| Electrical connection                  | terminal in actuator body                             |                    |                    |                |
| Auxiliary switches                     | 3 (1,5) A, 230V                                       |                    |                    |                |
| Degree of protection                   | IP54  |                    |                    |                |
| Protection class                       | III low voltage                                       | II                 | III low voltage    | II             |
| Ambient humidity                       | 95% RH, without condensation                          |                    |                    |                |
| Ambient temperature                    | -30~+50 °C  |                    |                    |                |
| Non-operating temperature              | -40~+70 °C  |                    |                    |                |
| Service life                           | 60 000 full operating cycles                          |                    |                    |                |
| Mechanical connection                  |   |                    |                    |                |
| - round shaft                          | from ø10 to ø20 mm                                    |                    |                    |                |
| - square shaft                         | from 10×10 to 16×16 mm                                |                    |                    |                |
| Manual override                        | gears disengaged using a button on the actuator cover |                    |                    |                |
| Norms and standards                    | Declaration of conformity, ISO, CE, EAC               |                    |                    |                |



\* Maximum damper surface is calculated for optimum conditions (without the influence of air flow, pressure difference, etc.).

\*\* SPDT (Single-Pole Double-Throw)