

## ACTUATORS



Electromotive actuators, electrical locking/  
unlocking & closing (medium force)

Electrical retraction & extension

**Part no. 6NW 009 203-401**

### TECHNICAL SPECIFICATIONS

|  |                              |
|--|------------------------------|
| Position on delivery   | retracted                    |
| Mainspring reset   | none                         |
| Weight   | 90 g                         |
| Rated voltage  | 12 V                         |
| Voltage range  | 9 V to 15 V                  |
| Maximum power consumption                                      | 6.7 A                        |
| Idling current   | 350 mA                       |
| Actuating force at the positioning mechanism (at 80°C and 9 V) | 30 N                         |
| Manual adjustment  | ≤ 15 N                       |
| Actuating time for 18 mm stroke <sup>1)</sup>                  | max. 400 ms                  |
| Thermal overload protection                                    | via PolySwitch (PTC)         |
| Operating temperature  | - 40 °C to + 80 °C           |
| Storage temperature  | - 40 °C to + 90 °C           |
| Service life   | 100,000 switching cycles     |
| Conducted electromagnetic interference                         | < 75 V                       |
| Interference suppression (in all fields)                       | Intensity level 1 + 10 dB μV |
| Functional stroke  | ≤ 18 mm                      |
| Protection class   | IP 5K0                       |
| Vibration resistance   | 2.7 g eff.                   |
| Housing material (upper side)                                  | Polyamide 6 GF15             |
| Housing material (bottom side)                                 | Polyamide 6 M25 GF15         |
| Pin coating  | Tin                          |
| Mating connector <sup>2)</sup>                                 | 282080-1                     |

<sup>1)</sup> At the positioning mechanism over the operating voltage and temperature range.

<sup>2)</sup> This accessory is not included in the scope of delivery. It may be purchased from Tyco Electronics.

### TECHNICAL DRAWING

