



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

Electrical retraction & extension

**Part no. 6NW 009 203-451**

**TECHNICAL SPECIFICATIONS**

Position on delivery	extended
Mainspring reset	none
Weight	90 g
Rated voltage	24 V
Voltage range	18 V to 30 V
Maximum power consumption	2.6 A
Idling current	185 mA
Actuating force at the positioning mechanism (at 80°C and 9 V)	50 N
Manual adjustment	none
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	50,000 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 5K4
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**

