

**Electrical data Part-turn actuators with actuator controls MEC 02.1**  
**Short-time duty S2 - 15 min, 110 – 120 V, 220 – 240 V/50/60 Hz**

**SG 04.2 – SG 10.2**  
**with MEC 02.1**  
**Marine Version**

**Electrical data for connection to 1-phase AC 110 – 120 V, 50/60 Hz**

Part-turn actuator			Motor				
Type	Oper. time for 90° in seconds	Torque max. Nm	Type	Power P <sub>N</sub> (kW)	Speed max. rpm	Nominal current <sup>1)</sup> I <sub>N</sub> (A)	Current <sup>2)</sup> approx. I <sub>max</sub> . (A)
<b>SG 04.2</b>	6 – 50	63	MEC35-8-8	0.044	1,800	0.7	1.6
<b>SG 05.2</b>	6 – 60	125	MEC56-12-8	0.085	1,900	1.3	2.1
<b>SG 07.2</b>	8 – 60	250	MEC63-12-10	0.189	1,900	1.4	2.3
<b>SG 10.2</b>	11 – 90	500	MEC63-12-10	0.189	1,900	1.8	3.4

**Electrical data for connection to 1-phase AC 220 – 240 V, 50/60 Hz**

Part-turn actuator			Motor				
Type	Oper. time for 90° in seconds	Torque max. Nm	Type	Power P <sub>N</sub> (kW)	Speed max. rpm	Nominal current <sup>1)</sup> I <sub>N</sub> (A)	Current <sup>2)</sup> approx. I <sub>max</sub> . (A)
<b>SG 04.2</b>	6 – 50	63	MEC35-8-8	0.044	1,800	0.4	0.8
<b>SG 05.2</b>	6 – 60	125	MEC56-12-8	0.085	1,900	0.7	1.1
<b>SG 07.2</b>	8 – 60	250	MEC63-12-10	0.189	1,900	0.7	1.2
<b>SG 10.2</b>	11 – 90	500	MEC63-12-10	0.189	1,900	0.9	1.7

Motor data is approximate. Due to usual manufacturing tolerances, there may be deviations from this values given. The permissible fluctuation of the nominal voltage is  $\pm 10\%$ .

For protection, 6 A fuses<sup>3)</sup> are recommended in mains, characteristic D according to VDE 0641 and IEC/EN 60 898.

For further details, see "Technical data Part-turn actuators SG 04.2 – SG 10.2 with actuator controls MEC 02.1".

1) Nominal current for nominal motor power P<sub>N</sub> according to EN 60034-1

2) Current at max. torque and shortest operating time. We recommend to select the switchgears in compliance with these values.

3) Groups of up to 4 actuators can be protected via a 20 A circuit breaker, characteristics D according to VDE 0641 and IEC/EN 60 898.

We reserve the right to alter data according to improvements made. Previous data sheets become invalid with the issue of this data sheet