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

SV 05.1 – SV 07.1 with MEC 02.1 Marine-Version

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

Valve actuator			Motor				
Type	**Speed** rpm	**Torque** max. Nm	Type	Power P_N (kW)	Speed max. rpm	Nominal current[1] I_N (A)	Current[2] approx. Imax. (A)
SV 05.1	**2.5 – 20**	25	MEC56-12-8	0.085	1,600	1.3	2.6
SV 07.1	**2.5 – 20**	50	MEC63-12-10	0.189	1,600	1.4	5.7

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

Valve actuator			Motor				
Type	**Speed** rpm	**Torque** max. Nm	Type	Power P_N (kW)	Speed max. rpm	Nominal current[1] I_N (A)	Current[2] approx. Imax. (A)
SV 05.1	**2.5 – 20**	25	MEC56-12-8	0.085	1,600	0.7	1.7
SV 07.1	**2.5 – 20**	50	MEC63-12-10	0.189	1,600	0.7	2.5

Motor data is approximate. Due to usual manufacturing tolerances there may be deviations from the values given.
The permissible fluctuation of the mains voltage is ±10 %. Higher voltage drops cause reduction in nominal output torque.

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

For further details refer to “Technical data Valve actuators SV 05.1 – SV 07.1 with actuator controls MEC 02.1”.

1) Nominal current at nominal motor power P_N according to EN 60034-1
2) Current at max. torque and max speed. 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.

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Issue **1.09**

Y003.816/002/en