



SEW
EURODRIVE

Compact Operating Instructions



MOVIMOT® MM..D
with AC Motor DT/DV



6.3.3 DIP switch S1/6

Lower motor power rating

- When activated, this DIP switch enables MOVIMOT® to be assigned to a motor with a lower power rating. The rated unit power is not affected.
- When a motor with a lower power rating is used, the overload capacity of the drive can be increased because, from the perspective of the motor, MOVIMOT® is one power rating too big. A higher current can be provided briefly, leading to higher torque ratings.
- The aim of this switch S1/6 is to achieve short-term utilization of the motor's peak torque. The unit's current limit remains the same regardless of the switch setting. The motor protection function is adjusted depending on the switch setting.
- Stall protection for the motor is not possible in this operating mode (S1/6 = "ON").

MOVIMOT® inverter MM..D-503-00	Assigned motor 230 / 400 V, 50 Hz 266 / 460 V, 60 Hz			
	S1/6 = OFF		S1/6 = ON	
380 – 500 V				
MM03D-503-00	DT71D4	DR63L4 ¹⁾	DR63L4 ¹⁾	–
MM05D-503-00	DT80K4	DT71D4	DT71D4	DFR63L4 ¹⁾
MM07D-503-00	DT80N4	DT80K4	DT80K4	DT71D4
MM11D-503-00	DT90S4	DT80N4	DT80N4	DT80K4
MM15D-503-00	DT90L4	DT90S4	DT90S4	DT80N4
MM22D-503-00	DV100M4	DT90L4	DT90L4	DT90S4
MM30D-503-00	DV100L4	DV100M4	DV100M4	DT90L4
MM40D-503-00	–	DV100L4	DV100L4	DV100M4

MOVIMOT® inverter MM..D-233-00	Assigned motor 230 / 460 V, 60 Hz /	
	S1/6 = OFF	S1/6 = ON
200 – 240 V		
MM03D-233-00	DT71D4	DR63L4 ¹⁾
MM05D-233-00	DT80K4	DT71D4
MM07D-233-00	DT80N4	DT80K4
MM11D-233-00	DT90S4	DT80N4
MM15D-233-00	DT90L4	DT90S4
MM22D-233-00	DV100M4	DT90L4

1) Only possible with installation close to the motor