

# SINAMICS S120 drive system

## Motor Modules

### Single Motor Modules in booksize format

#### Selection and ordering data

Rated output current	Type rating kW (HP) <sup>1)</sup>	Single Motor Module in booksize format			
		Internal air cooling Order No.	External air cooling Order No.	Cold plate cooling Order No.	Liquid cooling Order No.
<b>DC link voltage 510 ... 720 V DC</b>					
3	1.6 (1.5)	<b>6SL3120-1TE13-0AA3</b>	<b>6SL3121-1TE13-0AA3</b>	<b>6SL3126-1TE13-0AA3</b>	–
5	2.7 (3)	<b>6SL3120-1TE15-0AA3</b>	<b>6SL3121-1TE15-0AA3</b>	<b>6SL3126-1TE15-0AA3</b>	–
9	4.8 (5)	<b>6SL3120-1TE21-0AA3</b>	<b>6SL3121-1TE21-0AA3</b>	<b>6SL3126-1TE21-0AA3</b>	–
18	9.7 (10)	<b>6SL3120-1TE21-8AA3</b>	<b>6SL3121-1TE21-8AA3</b>	<b>6SL3126-1TE21-8AA3</b>	–
30	16 (20)	<b>6SL3120-1TE23-0AA3</b>	<b>6SL3121-1TE23-0AA3</b>	<b>6SL3126-1TE23-0AA3</b>	–
45	24 (30)	<b>6SL3120-1TE24-5AA3</b>	<b>6SL3121-1TE24-5AA3</b>	<b>6SL3126-1TE24-5AA3</b>	–
60	32 (40)	<b>6SL3120-1TE26-0AA3</b>	<b>6SL3121-1TE26-0AA3</b>	<b>6SL3126-1TE26-0AA3</b>	–
85	46 (60)	<b>6SL3120-1TE28-5AA3</b>	<b>6SL3121-1TE28-5AA3</b>	<b>6SL3126-1TE28-5AA3</b>	–
132	71 (100)	<b>6SL3120-1TE31-3AA3</b>	<b>6SL3121-1TE31-3AA3</b>	<b>6SL3126-1TE31-3AA3</b>	–
200	107 (150)	<b>6SL3120-1TE32-0AA4</b>	<b>6SL3121-1TE32-0AA4</b>	<b>6SL3126-1TE32-0AA4</b>	<b>6SL3125-1TE32-0AA4</b>

Description	Order No.
<b>Accessories</b>	
<b>Power connector (X1)</b> At Motor Module end, with screw-type terminals 1.5 ... 10 mm <sup>2</sup> , For Motor Modules with rated output current of 3 ... 30 A	<b>6SL3162-2MA00-0AA0</b>
<b>Shield connection plate</b> For Line Modules and Motor Modules in booksize format	
• 150 mm (5.90 in) wide for internal air cooling	<b>6SL3162-1AF00-0AA1</b>
• 150 mm (5.90 in) wide for external air cooling and cold plate cooling	<b>6SL3162-1AF00-0BA1</b>
• 200 mm (7.87 in) wide for internal air cooling	<b>6SL3162-1AH01-0AA0</b>
• 200 mm (7.87 in) wide for external air cooling and cold plate cooling	<b>6SL3162-1AH01-0BA0</b>
• 300 mm (11.8 in) wide for all cooling types	<b>6SL3162-1AH00-0AA0</b>
<b>DC link rectifier adapter</b> For direct infeed of DC link voltage	
• Screw-type terminals 0.5 ... 10 mm <sup>2</sup> for Line Modules and Motor Modules in booksize format with a width of 50 mm (1.97 in) or 100 mm (3.94 in)	<b>6SL3162-2BD00-0AA0</b>
• Screw-type terminals 35 ... 95 mm <sup>2</sup> for Line Modules and Motor Modules in booksize format with a width of 150 mm, 200 mm and 300 mm (5.90 in, 7.87 in and 11.8 in)	<b>6SL3162-2BM00-0AA0</b>
<b>DC link adapter (2 units)</b> For multi-tier configuration Screw-type terminals 35 ... 95 mm <sup>2</sup> For all Line Modules and Motor Modules in booksize format	<b>6SL3162-2BM01-0AA0</b>
<b>24 V terminal adapter</b> For all Line Modules and Motor Modules in booksize format	<b>6SL3162-2AA00-0AA0</b>

Description	Order No.
<b>Reinforced DC link busbar set</b> For replacement of DC link busbars for 5 modules in booksize format	
• 50 mm (1.97 in) wide	<b>6SL3162-2DB00-0AA0</b>
• 100 mm (3.94 in) wide	<b>6SL3162-2DD00-0AA0</b>
<b>Accessories for re-ordering</b>	
<b>24 V jumper</b> For connection of the 24 V busbars (for booksize format)	<b>6SL3162-2AA01-0AA0</b>
<b>Accessories pack</b> (plug-in terminals, DRIVE-CLiQ jumper (length = module width + 60 mm (2.36 in)), dust-proof blanking plugs) For DRIVE-CLiQ port	
• For Motor Modules 50 mm (1.97 in) wide, int./ext. air cooling	<b>6SL3162-8AB00-0AA0</b>
• For Motor Modules 100 mm (3.94 in) wide, int./ext. air cooling	<b>6SL3162-8BD00-0AA0</b>
• For Motor Modules 150 mm (5.90 in) wide, int./ext. air cooling	<b>6SL3162-8CF00-0AA0</b>
• For Motor Modules 200 mm (7.87 in) wide, int./ext. air cooling	<b>6SL3162-8DH00-0AA0</b>
• For Motor Modules 300 mm (11.8 in) wide, int./ext. air cooling	<b>6SL3162-8EM00-0AA0</b>
<b>Warning labels in 30 languages</b> This set of foreign language warning labels can be placed on top of the standard German or English signs. A set of labels is supplied with the units. One sign in each of the following languages is provided in each set: BG, CN, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, JP, KR, LT, LV, MT, NL, NO, PL, PT, RO, RU, SE, SI, SK, TR	<b>6SL3166-3AB00-0AA0</b>
<b>SINAMICS/SINUMERIK/SIMOTION dust-proof blanking plugs</b> (50 units) For DRIVE-CLiQ port	<b>6SL3066-4CA00-0AA0</b>

<sup>1)</sup> Nominal HP ratings based on asynchronous (induction) motors. Match the motor nameplate current for specific sizing.