

# SINAMICS S120 drive system

## Motor Modules in booksize format

### Single Motor Modules in booksize format

#### Selection and ordering data

Rated output current	Type rating <sup>2)</sup>	Single Motor Module in booksize format		
		Article No.	C type Article No.	D type Article No.
A	kW (hp)			
<b>DC link voltage 510 ... 720 V DC</b>				
3	1.6 (1.5)	–	–	6SL3120-1TE13-0AD0
5	2.7 (3)	–	–	6SL3120-1TE15-0AD0
9	4.8 (5)	–	–	6SL3120-1TE21-0AD0
18	9.7 (10)	–	6SL3120-1TE21-8AC0	6SL3120-1TE21-8AD0
24	12.9 (15)	–	<b>NEW</b> 6SL3120-1TE22-4AC0	<b>NEW</b> 6SL3120-1TE22-4AD0
30	16 (20)	–	6SL3120-1TE23-0AC0	6SL3120-1TE23-0AD0
45	24 (30)	–	<b>NEW</b> 6SL3120-1TE24-5AC0	–
60	32 (40)	–	<b>NEW</b> 6SL3120-1TE26-0AC0	–
85	46 (60)	6SL3120-1TE28-5AA3	–	–
132	71 (100)	6SL3120-1TE31-3AA3	–	–
200	107 (150)	6SL3120-1TE32-0AA4	–	–

Description	Article No.
<b>Accessories</b>	
<b>Power connector (X1) with screw-type terminal</b> At Motor Module end, with screw-type terminals 1.5 ... 6 mm <sup>2</sup> For Motor Modules in booksize format C/D types with rated output current of 3 ... 30 A	6SL3162-2MA00-0AC0
<b>Power connector (X1) with push-in connection with snap-in actuators</b> At Motor Module end, with spring-loaded terminals 1.5 ... 6 mm <sup>2</sup> For Motor Modules in booksize format C/D types with rated output current of 3 ... 30 A	6SL3162-2MB00-0AC0
<b>Shield connection plate</b> For Motor Modules in booksize format with a width of <ul style="list-style-type: none"> <li>100 mm (3.94 in) (Motor Modules in booksize format C type 45 A/60 A) <b>NEW</b></li> <li>200 mm (7.87 in)</li> <li>300 mm (11.81 in)</li> </ul>	6SL3162-1AD00-0AA0 6SL3162-1AH01-0AA0 6SL3162-1AH00-0AA0
<b>Shield connection clamp</b> For Motor Modules in booksize format C type with rated output current of 45 A/60 A <ul style="list-style-type: none"> <li>Diameter 3 ... 14 mm (0.12 ... 0.55 in) <b>NEW</b></li> <li>Diameter 20 ... 35 mm (0.79 ... 1.38 in) <b>NEW</b></li> </ul>	8WH9130-0MA00 8WH9130-0PA00
<b>DC link rectifier adapter</b> For direct infeed of DC link voltage <ul style="list-style-type: none"> <li>Screw-type terminals 0.5 ... 10 mm<sup>2</sup> For Motor Modules in booksize format with a width of 50 mm (1.97 in) or 100 mm (3.94 in) <sup>1)</sup></li> <li>Screw-type terminals 35 ... 95 mm<sup>2</sup> For Motor Modules in booksize format with a width of 200 mm or 300 mm (7.87 in and 11.81 in)</li> </ul>	6SL3162-2BD00-0AA0 6SL3162-2BM00-0AA0
<b>DC link adapter</b> (2 units) For multi-tier configuration Screw-type terminals 35 ... 95 mm <sup>2</sup> For all Line Modules and Motor Modules in booksize format	6SL3162-2BM01-0AA0
<b>24 V terminal adapter</b> For all Line Modules and Motor Modules in booksize format	6SL3162-2AA00-0AA0
<b>Reinforced DC link bridge 6 mm (0.24 in)</b> For replacement of the DC link bridge in Single Motor Modules 3 A ... 24 A Double Motor Modules 2 x 3 A ... 2 x 9 A	<b>NEW</b> 6SL3162-2BB00-0AA0

Description	Article No.
<b>Accessories for re-ordering</b>	
<b>24 V jumper</b> For connection of the 24 V busbars (for booksize format)	6SL3162-2AA01-0AA0
<b>Terminal Kit for Motor Modules C/D types, 3 A to 30 A</b> (24 V jumper, plug-in terminals, DRIVE-CLiQ jumper (length = module width + 60 mm (2.36 in)), shield connection clamp with pressure plate, dust protection blanking plugs, coding plug for X1) For Motor Modules with a width of <ul style="list-style-type: none"> <li>50 mm (1.97 in), C/D type</li> <li>100 mm (3.94 in), C/D type</li> </ul>	6SL3162-8AC00-0AA0 6SL3162-8BE00-0AA0
<b>Terminal Kit for Motor Modules 45 A to 200 A</b> (24 V jumper, plug-in terminals, DRIVE-CLiQ jumper (length = module width + 60 mm (2.36 in)), dust protection blanking plugs) For Motor Modules with a width of <ul style="list-style-type: none"> <li>100 mm (3.94 in), C type</li> <li>200 mm (7.87 in)</li> <li>300 mm (11.81 in)</li> </ul>	<b>NEW</b> 6SL3162-8BG00-0AA0 6SL3162-8DH00-0AA0 6SL3162-8EM00-0AA0
<b>Shield connection clamp</b> For Single Motor Modules in booksize format C/D types with rated output current of 3 A to 30 A	<b>NEW</b> 6SL3162-0AQ00-0AA0
<b>Warning labels in 30 languages</b> This label set can be glued over the standard English or German labels to provide warnings in other languages. One set of labels is supplied with the devices. 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	6SL3166-3AB00-0AA0
<b>Dust protection blanking plugs</b> (50 units) For DRIVE-CLiQ port	6SL3066-4CA00-0AA0
<b>Replacement fan</b> For Motor Modules with a width of <ul style="list-style-type: none"> <li>50 mm (1.97 in), C/D type (3 A ... 18 A)</li> <li>50 mm (1.97 in), C/D type (24 A)</li> <li>100 mm (3.94 in), C/D type (30 A)</li> <li>100 mm (3.94 in), C type (45 A and 60 A) <b>NEW</b></li> <li>200 mm (7.87 in) (85 A)</li> <li>300 mm (11.81 in) (132 A and 200 A)</li> </ul>	6SL3162-0AN00-0AA0 6SL3162-0AS00-0AA0 6SL3162-0AP00-0AA0 6SL3162-0AT00-0AA0 6SL3162-0AH00-0AA1 6SL3162-0AM00-0AA0

<sup>1)</sup> **NOTICE:** The DC link rectifier adapter must **not** be used for Motor Modules C type, 45 A and 60 A.

<sup>2)</sup> Nominal hp ratings based on asynchronous (induction) motors. Match the motor nameplate current for specific sizing.