

Safety Manufacturer's Declaration

No. 668.DCO.BG.40.2207.001

Manufacturer: Siemens AG, DI MC

Address: Frauenausracher Straße 80
91056 Erlangen
Deutschland

Product Family: **SINAMICS S, SINAMICS G130, SINAMICS G150**

For included hardware and software releases see paragraphs below.

Safety Functions: Basic

STO, SS1, SBC

Extended

SOS, SS2, SLS, SSM, SDI, SR, SAM, SBR, SGR, SLA, SBT

Advanced

SLP, SP, SCA

The functional safety functions Basic, Extended and Advance of the above mentioned product fulfil the requirements of SIL2 according to [1] and [4], PLd according to [2] and category 3 according to [2].

The functions STO, SS1 and SS2 correspond to stop category 0, stop category 1 and stop category 2 according to [3], respectively.

The safe brake test (SBT) is suitable as diagnostic function according to [2] for a safely controlled brake (e.g. via SBC). By using a single brake in a category 2 application or two brakes in a category 3 application with an appropriate test rate, it is possible to reach a performance level up to PLd.

Standards: Functional Safety

- | | |
|-----|-------------------------------|
| [1] | IEC 61508, part 1 to 3 (2010) |
| [2] | ISO13849 part 1 (2015) |
| [3] | IEC 60204 (2005) |
| [4] | IEC 61800-5-2 (2016) |

This declaration certifies compliance with the standards named above but does not guarantee any specific properties or durability. The safety information and instructions in the supplied product documentation must be carefully observed. Further information about the conformity to this standard(s) is given in the below paragraphs, which are an integral part of this declaration.

This declaration is issued under the sole responsibility of the manufacturer.

Erlangen, 22-07-13

X 

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2 Control Units

2.1 Control Unit Software

2.1.1 CU310

CU310DP 6SL3040-0LA00-0AA0 6SL3040-0LA00-0AA1 CU310 PN 6SL3040-0LA01-0AA1	CU310-2 DP 6SL3040-1LA00-0AA0 CU310-2 PN 6SL3040-1LA01-0AA0	Safety-Firmware Version (Basic, CU)	Safety-Firmware Version (Extended, CU)	Safety-Firmware Version (Basic, MoMo)	Safety-Firmware Version (Extended, MoMo)
V 2.4	---	02.40.33.00	---	02.40.35.06	---
V 2.5	---	02.50.28.00 02.50.32.14	02.50.30.00 02.50.32.29 02.50.49.00	02.50.32.00	02.50.31.00 02.50.32.29
V 2.6	---	02.60.30.00 02.60.40.00	02.60.31.00 02.60.40.00 02.60.45.03 02.60.45.13 02.60.45.31	02.60.30.00 02.60.40.00	02.60.30.00 02.60.39.00 02.60.45.03 02.60.45.31
---	V 4.4	04.40.22.00	04.40.23.04 04.40.23.35	04.40.23.04 04.40.23.22	04.40.23.04 04.40.23.35
---	V 4.5	04.50.30.00 04.50.30.05 04.50.30.29 04.30.34.00 04.50.30.46	04.50.24.00 04.50.30.05 04.50.30.14 04.50.30.23 04.50.30.24 04.50.30.30 04.50.30.34 04.50.30.41	04.50.28.00 04.50.30.05	04.50.24.00 04.50.30.05 04.50.30.14 04.50.30.23 04.50.30.24 04.50.30.30
---	V 4.6	04.60.19.00 04.60.21.06	04.60.20.00 04.60.21.13	04.60.16.00 04.60.21.05	04.60.16.00 04.60.20.00 04.60.21.13
---	V 4.7	04.70.35.07 04.70.35.18 04.70.35.35 04.70.35.42 04.70.35.51 04.70.36.02 04.74.35.02	04.70.29.00 ¹ 04.70.35.21 ² 04.70.35.37 ² 04.70.35.44 ² 04.70.35.62 04.70.36.01 ² 04.70.36.04 04.74.35.13 04.74.35.15	04.70.35.00 04.70.35.18 04.70.36.02	04.70.28.00 ¹ 04.70.35.18 ¹ 04.70.35.35 ¹ 04.70.35.62 04.70.36.01 ¹ 04.70.36.04
---	V 4.8	04.80.60.00	04.80.65.01 04.80.65.05	04.80.60.00	04.80.65.01
---	V 5.1	05.10.16.00 05.10.34.00	05.10.20.00 05.10.23.01 05.10.39.00	05.10.16.00 05.10.34.00	05.10.17.00 05.10.34.00
---	V 5.2	05.20.25.00 05.20.29.01 05.20.29.07 05.20.68.00 05.20.73.09	05.20.29.00 05.20.29.07 05.20.29.23 05.20.68.00 05.20.73.09	05.20.28.00 05.20.29.05 05.20.70.00 05.20.71.00 05.20.71.05	05.20.22.00 05.20.29.11 05.20.68.00 05.20.73.09

¹ Use of safety functions SOS and SS2 at the same time is excluded. Due to undefined behaviour the safety function Safe Acceleration Monitoring (SAM) is released with version V4.7HF24 (04.70.35.62). For more information see: [https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-\(sam\)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW](https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-(sam)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW)

2.1.2 CU320

CU320 6SL3040-0MA00-0AA1	CU320-2 DP 6SL3040-1MA00-0AA0	CU320-2 PN 6SL3040-1MA01-0AA0	Safety-Firmware Version (Basic)	Safety-Firmware Version (Extended)
V 2.1	---	---	02.10.36.00	---
V 2.2	---	---	02.20.24.00	---
V 2.3	---	---	02.30.18.00 02.30.29.00 02.30.31.00	---
V 2.4	---	---	02.40.28.00 02.40.33.00 02.40.43.00	---
V 2.5	---	---	02.50.22.00 02.50.28.00 02.50.32.14 02.50.39.00 02.50.49.00	02.50.30.00 02.50.32.29 02.50.49.00
V 2.6	---	---	02.60.30.00 02.60.40.00	02.60.31.00 02.60.40.00 02.60.45.03 02.60.45.13 02.60.45.31
---	V 4.3	---	04.30.14.00	04.30.17.00
---	V 4.4	V 4.4	04.40.22.00	04.40.23.04 04.40.23.35
---	V 4.5	V 4.5	04.50.30.00 04.50.30.05 04.50.30.29 04.30.34.00 04.50.30.46	04.50.24.00 04.50.30.05 04.50.30.14 04.50.30.23 04.50.30.24 04.50.30.30 04.50.30.34 04.50.30.41
---	V 4.6	V 4.6	04.60.19.00 04.60.21.06	04.60.20.00 04.60.21.13
---	V 4.7	V 4.7	04.70.35.07 04.70.35.18 04.70.35.35 04.70.35.42 04.70.35.51 04.70.36.02 04.74.35.02	04.70.29.00 ² 04.70.35.21 ² 04.70.35.37 ² 04.70.35.44 ² 04.70.35.62 04.70.36.01 ² 04.70.36.04 04.74.35.02 04.74.35.13 04.74.35.15
---	V 4.8	V 4.8	04.80.60.00	04.80.65.01 04.80.65.05
---	V 5.1	V 5.1	05.10.16.00 05.10.34.00	05.10.20.00 05.10.23.01 05.10.39.00
---	V 5.2	V 5.2	05.20.25.00 05.20.29.01 05.20.29.07	05.20.29.00 05.20.29.07 05.20.29.23

² Use of safety functions SOS and SS2 at the same time is excluded. Due to undefined behaviour the safety function Safe Acceleration Monitoring (SAM) is released with version V4.7HF24 (04.70.35.62). For more information see: [https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-\(sam\)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW](https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-(sam)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW)

CU320 6SL3040-0MA00-0AA1	CU320-2 DP 6SL3040-1MA00-0AA0	CU320-2 PN 6SL3040-1MA01-0AA0	Safety-Firmware Version (Basic)	Safety-Firmware Version (Extended)
			05.20.68.00 05.20.73.09	05.20.68.00 05.20.73.09

2.2 Control Unit Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
CU310 DP	6SL3040-0LA00-0AA0 6SL3040-0LA00-0AA1	A, B, C, D A, B
CU310-2 DP	6SL3040-1LA00-0AA0	A, B, C, D, E, F
CU310 PN	6SL3040-0LA01-0AA1	A, B
CU310-2 PN	6SL3040-1LA01-0AA0	A, B, C, D, E, F, G
CU320	6SL3040-0MA00-0AA1	G, H, J
CU320-2 DP	6SL3040-1MA00-0AA0	C, D, E, F, G, H, J, K
CU320-2 PN	6SL3040-1MA01-0AA0	A, B, C, D, E, F, G

3 Control Unit Adapter

3.1 Control Unit Adapter Software

CUA31 6SL3040-0PA00-0AA1 CUA32 6SL3040-0PA01-0AA0	Safety-Firmware Version (Basic)	Safety-Firmware Version (Extended)
V 2.5	02.50.22.00 02.50.32.00 02.50.39.00 02.50.49.00	02.50.31.00 02.50.49.00
V 2.6	02.60.30.00 02.60.40.00	02.60.30.00 02.60.39.00 02.60.45.03 02.60.45.31
V 4.3	04.30.14.00	04.30.15.00
V 4.4	04.40.23.04 04.40.23.22	04.40.23.04 04.40.23.35
V 4.5	04.50.28.00 04.50.30.05	04.50.24.00 04.50.30.05 04.50.30.14 04.50.30.23 04.50.30.24 04.50.30.30
V 4.6	04.60.16.00 04.60.21.05	04.60.20.00 04.60.21.13
V 4.7	04.70.35.00 04.70.35.18 04.70.36.02	04.70.28.00 ³ 04.70.35.18 ⁴ 04.70.35.35 ⁴ 04.70.35.62 04.70.36.01 ⁴ 04.70.36.04
V 4.8	04.80.60.00	04.80.65.01
V 5.1	05.10.16.00 05.10.34.00	05.10.17.00 05.10.34.00
V 5.2	05.20.28.00 05.20.29.05 05.20.70.00 05.20.71.00 05.20.73.05	05.20.22.00 05.20.29.11 05.20.68.00 05.20.73.09

3.2 Control Unit Adapter Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
CUA31	6SL3040-0PA00-0AA1	A, B, C, D, E, F, G, H
CUA32	6SL3040-0PA01-0AA0	A, B, C, D, E, F, G, H
CUA20	6SL3255-0BW01-0NA0	01

³ Use of safety functions SOS and SS2 at the same time is excluded. Due to undefined behaviour the safety function Safe Acceleration Monitoring (SAM) is released with version V4.7HF24 (04.70.35.62). For more information see: [https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-\(sam\)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW](https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-(sam)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW)

4 Motor Modules

4.1 Motor Module Software

Firmware Motor Modules	Safety-Firmware Version (Basic)	Safety-Firmware Version (Extended)
V 2.5	02.50.22.00 02.50.32.00 02.50.39.00 02.50.49.00	02.50.31.00 02.50.49.00
V 2.6	02.60.30.00 02.60.40.00	02.60.30.00 02.60.39.00 02.60.45.03 02.60.45.31
V 4.3	04.30.14.00	04.30.15.00
V 4.4	04.40.23.04 04.40.23.22	04.40.23.04 04.40.23.35
V 4.5	04.50.28.00 04.50.30.05	04.50.24.00 04.50.30.05 04.50.30.14 04.50.30.23 04.50.30.24 04.50.30.30
V 4.6	04.60.16.00 04.60.21.05	04.60.20.00 04.60.21.13
V 4.7	04.70.35.00 04.70.35.18 04.70.36.02	04.70.28.00 ⁴ 04.70.35.18 ⁴ 04.70.35.35 ⁴ 04.70.35.62 04.70.36.01 ⁴ 04.70.36.04
V 4.8	04.80.60.00	04.80.65.01
V 5.1	05.10.16.00 05.10.34.00	05.10.17.00 05.10.34.00
V 5.2	05.20.28.00 05.20.29.05 05.20.70.00 05.20.71.00 05.20.73.05	05.20.22.00 05.20.29.11 05.20.68.00 05.20.73.09

4.2 Single Axis Motor Module Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
Internal Cooling		
SMM (380-480V, 3A, INT)	6SL3120-1TE13-0AA3	A, B, C, D, E
SMM (380-480V, 3A, INT)	6SL3120-1TE13-0AA4	A, B, C
SMM (380-480V, 3A, INT)	6SL3120-1TE13-0AD0	A, B
SMM (380-480V, 3A, INT)	6SL3120-1TE13-0AD7	A
SMM (380-480V, 5A, INT)	6SL3120-1TE15-0AA3	A, B, C, D, E
SMM (380-480V, 5A, INT)	6SL3120-1TE15-0AA4	A, B, C
SMM (380-480V, 5A, INT)	6SL3120-1TE15-0AD0	A, B

⁴ Use of safety functions SOS and SS2 at the same time is excluded. Due to undefined behaviour the safety function Safe Acceleration Monitoring (SAM) is released with version V4.7HF24 (04.70.35.62). For more information see: [https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-\(sam\)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW](https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-(sam)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW)

Description	Order Purchase No. (MLFB)	Hardware Version
SMM (380-480V, 5A, INT)	6SL3120-1TE15-0AD7	A
SMM (380-480V, 9A, INT)	6SL3120-1TE21-0AA1	A, B
SMM (380-480V, 9A, INT)	6SL3120-1TE21-0AA3	A, B, C, D, E
SMM (380-480V, 9A, INT)	6SL3120-1TE21-0AD0	A, B
SMM (380-480V, 9A, INT)	6SL3120-1TE21-0AD7	A
SMM (380-480V, 18A, INT)	6SL3120-1TE21-8AA1	A, B, C
SMM (380-480V, 18A, INT)	6SL3120-1TE21-8AA3	A, B, C, D, E
SMM (380-480V, 18A, INT)	6SL3120-1TE21-8AC0	A, B, C, D, E
SMM (380-480V, 18A, INT)	6SL3120-1TE21-8AC7	A
SMM (380-480V, 18A, INT)	6SL3120-1TE21-8AD0	A, B, C, D
SMM (380-480V, 18A, INT)	6SL3120-1TE21-8AD7	A
SMM (380-480V, 24A, INT)	6SL3120-1TE22-4AC0	A, B, C
SMM (380-480V, 24A, INT)	6SL3120-1TE22-4AD0	A, B, C
SMM (380-480V, 30A, INT)	6SL3120-1TE23-0AA3	A, B, C, D, E, F
SMM (380-480V, 30A, INT)	6SL3120-1TE23-0AC0	A, B, C, D
SMM (380-480V, 30A, INT)	6SL3120-1TE23-0AD0	A, B, C, D
SMM (380-480V, 45A, INT)	6SL3120-1TE24-5AA0	A, B, C, D
SMM (380-480V, 45A, INT)	6SL3120-1TE24-5AA3	A, B, C, D, E, F, G
SMM (380-480V, 45A, INT)	6SL3120-1TE24-5AC0	A, B, C
SMM (380-480V, 60A, INT)	6SL3120-1TE26-0AA3	A, B, C, D, E, F
SMM (380-480V, 60A, INT)	6SL3120-1TE26-0AC0	A, B
SMM (380-480V, 85A, INT)	6SL3120-1TE28-5AA1	A, B, C
SMM (380-480V, 85A, INT)	6SL3120-1TE28-5AA3	A, B, C, D, E, F, G
SMM (380-480V, 132A, INT)	6SL3120-1TE31-3AA3	A, B, C, D, E, F, G, H
SMM (380-480V, 200A, INT)	6SL3120-1TE32-0AA3	A, B, C, D, E, F
SMM (380-480V, 200A, INT)	6SL3120-1TE32-0AA4	A, B, C, D, E, F
SMM (380-480V, 9A, INT)	6SL3120-1VE21-0AA0	A, B, C, D
SMM (380-480V, 18A, INT)	6SL3120-1VE21-8AA0	A, B, C, D
SMM (380-480V, 24A, INT)	6SL3120-1VE22-4AA0	A, B, C, D
External Cooling		
SMM (380-480V, 3A, EXT)	6SL3121-1TE13-0AA3	A, B, C, D
SMM (380-480V, 3A, EXT)	6SL3121-1TE13-0AA4	A, B
SMM (380-480V, 5A, EXT)	6SL3121-1TE15-0AA3	A, B, C, D
SMM (380-480V, 5A, EXT)	6SL3121-1TE15-0AA4	A, B
SMM (380-480V, 9A, EXT)	6SL3121-1TE21-0AA3	A, B, C, D
SMM (380-480V, 9A, EXT)	6SL3121-1TE21-0AA4	A, B
SMM (380-480V, 18A, EXT)	6SL3121-1TE21-8AA3	A, B, C, D
SMM (380-480V, 18A, EXT)	6SL3121-1TE21-8AA4	A, B
SMM (380-480V, 30A, EXT)	6SL3121-1TE23-0AA3	A, B, C, D, E, F
SMM (380-480V, 45A, EXT)	6SL3121-1TE24-5AA3	A, B, C, D, E, F
SMM (380-480V, 60A, EXT)	6SL3121-1TE26-0AA3	A, B, C, D, E, F
SMM (380-480V, 85A, EXT)	6SL3121-1TE28-5AA3	A, B, C, D, E, F, G
SMM (380-480V, 132A, EXT)	6SL3121-1TE31-3AA0	A
SMM (380-480V, 132A, EXT)	6SL3121-1TE31-3AA3	A, B, C, D, E, F, G
SMM (380-480V, 200A, EXT)	6SL3121-1TE32-0AA0	A

Description	Order Purchase No. (MLFB)	Hardware Version
SMM (380-480V, 200A, EXT)	6SL3121-1TE32-0AA3	A, B, C, D, E
SMM (380-480V, 200A, EXT)	6SL3121-1TE32-0AA4	A, B, C, D, E, F
Liquid Cooling		
SMM (380-480V, 200A, LC)	6SL3125-1TE32-0AA3	A, B, C, D, E
SMM (380-480V, 200A, LC)	6SL3125-1TE32-0AA4	A, B, C, D, E, F, G
Cold Plate		
SMM (380-480V, 3A, COL)	6SL3126-1TE13-0AA3	A, B, C, D
SMM (380-480V, 3A, COL)	6SL3126-1TE13-0AA4	A, B, C
SMM (380-480V, 5A, COL)	6SL3126-1TE15-0AA3	A, B, C, D
SMM (380-480V, 5A, COL)	6SL3126-1TE15-0AA4	A, B, C
SMM (380-480V, 9A, COL)	6SL3126-1TE21-0AA3	A, B, C, D
SMM (380-480V, 9A, COL)	6SL3126-1TE21-0AA4	A, B, C
SMM (380-480V, 18A, COL)	6SL3126-1TE21-8AA3	A, B, C, D
SMM (380-480V, 18A, COL)	6SL3126-1TE21-8AA4	A, B, C
SMM (380-480V, 30A, COL)	6SL3126-1TE23-0AA3	A, B, C, D, E, F
SMM (380-480V, 45A, COL)	6SL3126-1TE24-5AA3	A, B, C, D, E, F
SMM (380-480V, 60A, COL)	6SL3126-1TE26-0AA3	A, B, C, D, E, F
SMM (380-480V, 85A, COL)	6SL3126-1TE28-5AA3	A, B, C, D, E, F, G
SMM (380-480V, 132A, COL)	6SL3126-1TE31-3AA3	A, B, C, D, E, F, G
SMM (380-480V, 200A, COL)	6SL3126-1TE32-0AA3	A, B, C, D, E
SMM (380-480V, 200A, COL)	6SL3126-1TE32-0AA4	A, B, D, D, E, F, G
Compact		
SMM (380-480V, 3A, INT, Compact)	6SL3420-1TE13-0AA1	A, B
SMM (380-480V, 5A, INT, Compact)	6SL3420-1TE15-0AA1	A, B
SMM (60V, 5A, INT, Compact)	6SL3420-1TE15-0AX1	A, B
SMM (380-480V, 9A, INT, Compact)	6SL3420-1TE21-0AA1	A, B
SMM (380-480V, 18A, INT, Compact)	6SL3420-1TE21-8AA1	A, B

4.3 Double Axis Motor Module Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
Internal Cooling		
DMM (380-480V, 2x3A, INT)	6SL3120-2TE13-0AA0	A, B
DMM (380-480V, 2x3A, INT)	6SL3120-2TE13-0AA3	A, B, C, D, E
DMM (380-480V, 2x3A, INT)	6SL3120-2TE13-0AA4	A, B, C
DMM (380-480V, 2x3A, INT)	6SL3120-2TE13-0AB0	A
DMM (380-480V, 2x3A, INT)	6SL3120-2TE13-0AD0	A, B
DMM (380-480V, 2x3A, INT)	6SL3120-2TE13-0AD7	A
DMM (380-480V, 2x5A, INT)	6SL3120-2TE15-0AA0	A, B
DMM (380-480V, 2x5A, INT)	6SL3120-2TE15-0AA3	A, B, C, D, E
DMM (380-480V, 2x5A, INT)	6SL3120-2TE15-0AA4	A, B, C
DMM (380-480V, 2x5A, INT)	6SL3120-2TE15-0AB0	A
DMM (380-480V, 2x5A, INT)	6SL3120-2TE15-0AD0	A, B
DMM (380-480V, 2x5A, INT)	6SL3120-2TE15-0AD7	A
DMM (380-480V, 2x9A, INT)	6SL3120-2TE21-0AA0	A, B
DMM (380-480V, 2x9A, INT)	6SL3120-2TE21-0AA3	A, B, C, D, E

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Description	Order Purchase No. (MLFB)	Hardware Version
DMM (380-480V, 2x9A, INT)	6SL3120-2TE21-0AB0	A
DMM (380-480V, 2x9A, INT)	6SL3120-2TE21-0AD0	A, B
DMM (380-480V, 2x9A, INT)	6SL3120-2TE21-0AD7	A
DMM (380-480V, 2x18A, INT)	6SL3120-2TE21-8AA0	A, B
DMM (380-480V, 2x18A, INT)	6SL3120-2TE21-8AB0	A
DMM (380-480V, 2x18A, INT)	6SL3120-2TE21-8AC0	A, B, C, D, E
DMM (380-480V, 2x18A, INT)	6SL3120-2TE21-8AC7	A
DMM (380-480V, 2x18A, INT)	6SL3120-2TE21-8AD0	A, B, C, D
DMM (380-480V, 2x18A, INT)	6SL3120-2TE21-8AD7	A
DMM (380-480V, 2x9A, INT)	6SL3120-2UE21-0AD0	A
DMM (380-480V, 2x5A, INT)	6SL3120-2VE15-0AA0	A, B, C, D
DMM (380-480V, 2x9A, INT)	6SL3120-2VE21-0AA0	A, B, C, D
External Cooling		
DMM (380-480V, 2x3A, EXT)	6SL3121-2TE13-0AA0	A, B
DMM (380-480V, 2x3A, EXT)	6SL3121-2TE13-0AA3	A, B, C, D
DMM (380-480V, 2x3A, EXT)	6SL3121-2TE13-0AA4	A, B
DMM (380-480V, 2x5A, EXT)	6SL3121-2TE15-0AA0	A, B
DMM (380-480V, 2x5A, EXT)	6SL3121-2TE15-0AA3	A, B, C, D
DMM (380-480V, 2x5A, EXT)	6SL3121-2TE15-0AA4	A, B
DMM (380-480V, 2x9A, EXT)	6SL3121-2TE21-0AA0	A, B
DMM (380-480V, 2x9A, EXT)	6SL3121-2TE21-0AA3	A, B, C, D
DMM (380-480V, 2x9A, EXT)	6SL3121-2TE21-0AA4	A, B
DMM (380-480V, 2x18A, EXT)	6SL3121-2TE21-8AA0	A, B
DMM (380-480V, 2x18A, EXT)	6SL3121-2TE21-8AA3	A, B, C, D, E, F, G, H, J
Cold Plate		
DMM (380-480V, 2x3A, COL)	6SL3126-2TE13-0AA0	A, B
DMM (380-480V, 2x3A, COL)	6SL3126-2TE13-0AA3	A, B, C, D
DMM (380-480V, 2x3A, COL)	6SL3126-2TE13-0AA4	A, B, C
DMM (380-480V, 2x5A, COL)	6SL3126-2TE15-0AA0	A, B
DMM (380-480V, 2x5A, COL)	6SL3126-2TE15-0AA3	A, B, C, D
DMM (380-480V, 2x5A, COL)	6SL3126-2TE15-0AA4	A, B, C
DMM (380-480V, 2x9A, COL)	6SL3126-2TE21-0AA0	A, B
DMM (380-480V, 2x9A, COL)	6SL3126-2TE21-0AA3	A, B, C, D
DMM (380-480V, 2x9A, COL)	6SL3126-2TE21-0AA4	A, B, C
DMM (380-480V, 2x18A, COL)	6SL3126-2TE21-8AA0	A, B
DMM (380-480V, 2x18A, COL)	6SL3126-2TE21-8AA3	A, B, C, D, E, F, G, H, J
Compact		
DMM (380-480V, 2x1.7A, INT, Compact)	6SL3420-2TE11-7AA0	A, B, C, D
DMM (380-480V, 2x1.7A, INT, Compact)	6SL3420-2TE11-7AA1	A, B
DMM (380-480V, 2x3A, INT, Compact)	6SL3420-2TE13-0AA0	A, B, C
DMM (380-480V, 2x3A, INT, Compact)	6SL3420-2TE13-0AA1	A, B
DMM (380-480V, 2x5A, INT, Compact)	6SL3420-2TE15-0AA0	A, B, C, D
DMM (380-480V, 2x5A, INT, Compact)	6SL3420-2TE15-0AA1	A, B

4.4 Combi Motor Module Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
COMBI (380-480V, 16kW, .24A-9A-9A, EXT)	6SL3111-3VE21-6EA0	A, B, C
COMBI (380-480V, 16kW, .24A-9A-9A, EXT)	6SL3111-3VE21-6EA1	01, 03, 04
COMBI (380-480V, 16kW, .18A-5A-5A, EXT)	6SL3111-3VE21-6FA0	A, B, C
COMBI (380-480V, 16kW, .18A-5A-5A, EXT)	6SL3111-3VE21-6FA1	01, 03, 04
COMBI (380-480V, 16kW, .18A-5A-5A, EXT)	6SL3111-3VE21-6FA2	01
COMBI (380-480V, 20kW, .30A-9A-9A, EXT)	6SL3111-3VE22-0HA0	A, B, C
COMBI (380-480V, 20kW, .30A-9A-9A, EXT)	6SL3111-3VE22-0HA1	01, 03, 04
COMBI (380-480V, 10kW, .24A-12A-12A-12A, EXT)	6SL3111-4VE21-0EA0	A
COMBI (380-480V, 10kW, .24A-12A-12A-12A, EXT)	6SL3111-4VE21-0EA1	01, 02, 03, 04
COMBI (380-480V, 16kW, .24A-9A-9A-9A, EXT)	6SL3111-4VE21-6EA0	A, B, C
COMBI (380-480V, 16kW, .24A-9A-9A-9A, EXT)	6SL3111-4VE21-6EA1	01, 03, 04
COMBI (380-480V, 16kW, .24A-12A-9A-9A, EXT)	6SL3111-4VE21-6EC1	01
COMBI (380-480V, 16kW, .24A-12A-9A-9A, EXT)	6SL3111-4VE21-6ED1	01
COMBI (380-480V, 16kW, .18A-9A-5A-5A, EXT)	6SL3111-4VE21-6FA0	A, B, C
COMBI (380-480V, 16kW, .18A-9A-5A-5A, EXT)	6SL3111-4VE21-6FA1	01, 03, 04
COMBI (380-480V, 16kW, .18A-9A-5A-5A, EXT)	6SL3111-4VE21-6FA2	01
COMBI (380-480V, 20kW, .30A-12A-9A-9A, EXT)	6SL3111-4VE22-0HA0	A, B, C
COMBI (380-480V, 20kW, .30A-12A-9A-9A, EXT)	6SL3111-4VE22-0HA1	01, 03, 04

4.5 High Frequency Motor Module Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
HF MOTOR MODULE 225A, 16KHZ	6SL3125-1UE32-2AA0	A, B, C

5 Motor Integrated Modules

5.1 Motor Integrated Module Software

Firmware Motor Integrated Modules	Safety-Firmware Version (Basic)	Safety-Firmware Version (Extended)
V 4.6	04.60.16.00 04.60.21.05	04.60.20.00 04.60.21.13
V 4.7	04.70.35.00 04.70.35.18 04.70.36.02	04.70.28.00 ⁵ 04.70.35.18 ⁵ 04.70.35.35 ⁵ 04.70.35.62 04.70.36.01 ⁵ 04.70.36.04
V 4.8	04.80.60.00	04.80.65.01
V 5.1	05.10.16.00 05.10.34.00	05.10.17.00 05.10.34.00
V 5.2	05.20.28.00 05.20.29.05 05.20.70.00 05.20.71.00 05.20.73.05	05.20.22.00 05.20.29.11 05.20.68.00 05.20.73.09

5.2 Motor Integrated Module Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
AH36		
S120M (500-690V, AH36)	6SL3532-6DF71-0RA1	A, B, C
S120M (500-690V, AH36)	6SL3532-6DF71-0RA2	A, B, C
S120M (500-690V, AH36)	6SL3532-6DF71-0RB1	A, B, C
S120M (500-690V, AH36)	6SL3532-6DF71-0RB2	A, B, C
S120M (500-690V, AH36)	6SL3532-6DF71-0RG1	A, B, C
S120M (500-690V, AH36)	6SL3532-6DF71-0RG2	A, B, C
S120M (500-690V, AH36)	6SL3532-6DF71-0RH1	A, B, C
S120M (500-690V, AH36)	6SL3532-6DF71-0RH2	A, B, C
AH48		
S120M (500-690V, AH48)	6SL3540-6DF71-0RA1	01, A, B
S120M (500-690V, AH48)	6SL3540-6DF71-0RA2	01, A, B
S120M (500-690V, AH48)	6SL3540-6DF71-0RB1	01, A, B
S120M (500-690V, AH48)	6SL3540-6DF71-0RB2	01, A, B
S120M (500-690V, AH48)	6SL3540-6DF71-0RG1	01, A, B
S120M (500-690V, AH48)	6SL3540-6DF71-0RG2	01, A, B
S120M (500-690V, AH48)	6SL3540-6DF71-0RH1	01, A, B
S120M (500-690V, AH48)	6SL3540-6DF71-0RH2	01, A, B
S120M (500-690V, AH48)	6SL3542-6DF71-0RA1	01, A, B
S120M (500-690V, AH48)	6SL3542-6DF71-0RA2	01, A, B
S120M (500-690V, AH48)	6SL3542-6DF71-0RB1	01, A, B
S120M (500-690V, AH48)	6SL3542-6DF71-0RB2	01, A, B

⁵ Use of safety functions SOS and SS2 at the same time is excluded. Due to undefined behaviour the safety function Safe Acceleration Monitoring (SAM) is released with version V4.7HF24 (04.70.35.62). For more information see: [https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-\(sam\)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW](https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-(sam)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW)

Description	Order Purchase No. (MLFB)	Hardware Version
S120M (500-690V, AH48)	6SL3542-6DF71-0RG1	01, A, B
S120M (500-690V, AH48)	6SL3542-6DF71-0RG2	01, A, B
S120M (500-690V, AH48)	6SL3542-6DF71-0RH1	01, A, B
S120M (500-690V, AH48)	6SL3542-6DF71-0RH2	01, A, B
AH63		
S120M (500-690V, AH63)	6SL3562-6DF71-0RA1	01, A, B, C
S120M (500-690V, AH63)	6SL3562-6DF71-0RA2	01, A, B, C
S120M (500-690V, AH63)	6SL3562-6DF71-0RB1	A, B, C
S120M (500-690V, AH63)	6SL3562-6DF71-0RB2	01, A, B, C
S120M (500-690V, AH63)	6SL3562-6DF71-0RG1	01, A, B, C
S120M (500-690V, AH63)	6SL3562-6DF71-0RG2	01, A, B, C
S120M (500-690V, AH63)	6SL3562-6DF71-0RH1	01, A, B, C
S120M (500-690V, AH63)	6SL3562-6DF71-0RH2	01, A, B, C
S120M (500-690V, AH63)	6SL3563-6DC71-0RA1	A, B, C
S120M (500-690V, AH63)	6SL3563-6DC71-0RB1	A, B, C
S120M (500-690V, AH63)	6SL3563-6DF71-0RA1	A, B, C
S120M (500-690V, AH63)	6SL3563-6DF71-0RA2	01, A, B, C
S120M (500-690V, AH63)	6SL3563-6DF71-0RB1	A, B, C
S120M (500-690V, AH63)	6SL3563-6DF71-0RB2	01, A, B, C
S120M (500-690V, AH63)	6SL3563-6DF71-0RG1	01, A, B, C
S120M (500-690V, AH63)	6SL3563-6DF71-0RG2	01, A, B, C
S120M (500-690V, AH63)	6SL3563-6DF71-0RH1	A, B, C
S120M (500-690V, AH63)	6SL3563-6DF71-0RH2	01, A, B, C
AM600		
S120M AM600	6SL3555-2BC10-0AA0	A

6 Control Interface Modules (CIM)

6.1 Control Interface Module Software

Firmware Control Interface Modules	Firmware Control Interface Modules ULMA	Safety-Firmware Version (Basic)	Safety-Firmware Version (Extended)
V 2.6	---	02.60.40.00	02.60.45.03 02.60.45.31
V 4.3	---	04.30.14.00	04.30.15.00
V 4.4	---	04.40.23.04 04.40.23.22	04.40.23.04 04.40.23.35
V 4.5	---	04.50.28.00 04.50.30.05	04.50.24.00 04.50.30.05 04.50.30.14 04.50.30.23 04.50.30.24
V 4.6	---	04.60.16.00 04.60.21.05	04.60.20.00 04.60.21.13
V 4.7	---	04.70.35.00 04.70.35.18 04.70.36.02	04.70.28.00 ⁶ 04.70.35.62 04.70.36.04
V 5.1	V 5.1	05.10.34.00	05.10.34.00
V 5.2	V 5.2	05.20.29.05 05.20.73.05	05.20.22.00 05.20.29.11 05.20.73.09

6.2 Control Interface Module Hardware

6.2.1 CIM PSB-C V2

Description	Order Purchase No. (MLFB)	Hardware Version
CIM DAC	A5E33215859	D, AE, AF, AG
CIM DAC, LC	A5E01265028	A, B
CIM DAC, FPGA	A5E35974425	C, D, E, F
CIM DAC, LC, FPGA	A5E01265030	C, D, E, F

6.2.2 CIM PSB-C V3

Description	Order Purchase No. (MLFB)	Hardware Version
CIM DAC	A5E39698971	AG, AH
CIM DAC, LC	A5E39698967	AC, AH
CIM DAC, FPGA	A5E39698969	AE
CIM DAC, LC, FPGA	A5E39698970	AE

6.2.3 CIM PSB ULMA

Description	Order Purchase No. (MLFB)	Hardware Version
CIM DAC, ULMA	A5E39910015	AB, AC, AD

⁶ Use of safety functions SOS and SS2 at the same time is excluded. Due to undefined behaviour the safety function Safe Acceleration Monitoring (SAM) is released with version V4.7HF24 (04.70.35.62). For more information see: [https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-\(sam\)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW](https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-(sam)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW)

6.2.4 CIM Spare Part

Description	Order Purchase No. (MLFB)	Hardware Version
CIM DAC	6SL3350-6TK00-0EA0	A, AE, AF, AH
CIM DAC, LC	6SL3350-6TK00-0BA0	B, C, AH
CIM DAC, FPGA	6SL3350-6TK00-0CA0	A, B, AH
CIM DAC, LC, FPGA	6SL3350-6TK00-0DA0	01, AD, AH
CIM DAC, ULMA	6SL3350-0BF00-1CA0	AA, AB, AD

The entire safety functionality of motor modules of type chassis and cabinet is completely concentrated within the CIM (control interface module). All parts outside the CIM are considered to be irrelevant for integrated safety functionality.

The above mentioned Control Interface Modules (CIM) are integrated in the Motor Modules listed below.

6.2.5 S120 Chassis Power Module Hardware

The above mentioned Control Interface Modules (CIM) are integrated in the S120 Chassis Power Modules listed below.

Description	Order Purchase No. (MLFB)
Power Modules 380-480V, Internal Cooling	
PM (380-480V, 110kW, INT, Chassis)	6SL3310-1TE32-1AA3
PM (380-480V, 132kW, INT, Chassis)	6SL3310-1TE32-6AA3
PM (380-480V, 160kW, INT, Chassis)	6SL3310-1TE33-1AA3
PM (380-480V, 200kW, INT, Chassis)	6SL3310-1TE33-8AA3
PM (380-480V, 250kW, INT, Chassis)	6SL3310-1TE35-0AA3
Power Modules 380-480V, Liquid Cooling	
PM (380-480V, 110kW, LC, Chassis)	6SL3315-1TE32-1AA3
PM (380-480V, 132kW, LC, Chassis)	6SL3315-1TE32-6AA3
PM (380-480V, 160kW, LC, Chassis)	6SL3315-1TE33-1AA3
PM (380-480V, 250kW, LC, Chassis)	6SL3315-1TE35-0AA3
PM (380-480V, 315kW, LC, Chassis)	6SL3315-1TE36-1AA7
PM (380-480V, 400kW, LC, Chassis)	6SL3315-1TE37-5AA7
Power Modules 500-690V, Liquid Cooling	
PM (500-690V, 400kW, LC, Chassis)	6SL3315-1TG34-1AA7
PM (500-690V, 450kW, LC, Chassis)	6SL3315-1TG34-7AA7
PM (500-690V, 560kW, LC, Chassis)	6SL3315-1TG35-8AA7

6.2.6 S120 Chassis Motor Module Hardware

The above mentioned Control Interface Modules (CIM) are integrated in the 120 Chassis Motor Modules listed below.

Description	Order Purchase No. (MLFB)
Chassis Motor Modules 380-480V, Internal Cooling	
SMM (380-480V, 210A, INT, Chassis)	6SL3320-1TE32-1AA3
SMM (380-480V, 210A, INT, GG)	6SL3320-1TE32-1AC3
SMM (380-480V, 260A, INT, Chassis)	6SL3320-1TE32-6AA3
SMM (380-480V, 260A, INT, GG)	6SL3320-1TE32-6AC3
SMM (380-480V, 310A, INT, Chassis)	6SL3320-1TE33-1AA3
SMM (380-480V, 310A, INT, GG)	6SL3320-1TE33-1AC3
SMM (380-480V, 380A, INT, Chassis)	6SL3320-1TE33-8AA3

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Description	Order Purchase No. (MLFB)
SMM (380-480V, 380A, INT, GG)	6SL3320-1TE33-8AC3
SMM (380-480V, 490A, INT, Chassis)	6SL3320-1TE35-0AA3
SMM (380-480V, 490A, INT, GG)	6SL3320-1TE35-0AC3
SMM (380-480V, 605A, INT, Chassis)	6SL3320-1TE36-1AA3
SMM (380-480V, 745A, INT, Chassis)	6SL3320-1TE37-5AA3
SMM (380-480V, 840A, INT, Chassis)	6SL3320-1TE38-4AA3
SMM (380-480V, 985A, INT, Chassis)	6SL3320-1TE41-0AA3
SMM (380-480V, 1260A, INT, Chassis)	6SL3320-1TE41-2AA3
SMM (380-480V, 1405A, INT, Chassis)	6SL3320-1TE41-4AA3
SMM (380-480V, 1330A, INT, Chassis)	6SL3320-1TE41-4AS3
Chassis Motor Modules 500-690V, Internal Cooling	
SMM (500-690V, 85A, INT, Chassis)	6SL3320-1TG28-5AA3
SMM (500-690V, 85A, INT, GG)	6SL3320-1TG28-5AC3
SMM (500-690V, 100A, INT, Chassis)	6SL3320-1TG31-0AA3
SMM (500-690V, 100A, INT, GG)	6SL3320-1TG31-0AC3
SMM (500-690V, 120A, INT, Chassis)	6SL3320-1TG31-2AA3
SMM (500-690V, 120A, INT, GG)	6SL3320-1TG31-2AC3
SMM (500-690V, 150A, INT, Chassis)	6SL3320-1TG31-5AA3
SMM (500-690V, 150A, INT, GG)	6SL3320-1TG31-5AC3
SMM (500-690V, 175A, INT, Chassis)	6SL3320-1TG31-8AA3
SMM (500-690V, 175A, INT, GG)	6SL3320-1TG31-8AC3
SMM (500-690V, 215A, INT, Chassis)	6SL3320-1TG32-2AA3
SMM (500-690V, 215A, INT, GG)	6SL3320-1TG32-2AC3
SMM (500-690V, 260A, INT, Chassis)	6SL3320-1TG32-6AA3
SMM (500-690V, 260A, INT, GG)	6SL3320-1TG32-6AC3
SMM (500-690V, 330A, INT, Chassis)	6SL3320-1TG33-3AA3
SMM (500-690V, 330A, INT, GG)	6SL3320-1TG33-3AC3
SMM (500-690V, 410A, INT, Chassis)	6SL3320-1TG34-1AA3
SMM (500-690V, 465A, INT, Chassis)	6SL3320-1TG34-7AA3
SMM (500-690V, 575A, INT, Chassis)	6SL3320-1TG35-8AA3
SMM (500-690V, 735A, INT, Chassis)	6SL3320-1TG37-4AA3
SMM (500-690V, 810A, INT, Chassis)	6SL3320-1TG38-1AA3
SMM (500-690V, 910A, INT, Chassis)	6SL3320-1TG38-8AA3
SMM (500-690V, 910A, INT, Chassis)	6SL3320-1TG38-8AA5
SMM (500-690V, 1025A, INT, Chassis)	6SL3320-1TG41-0AA3
SMM (500-690V, 1025A, INT, Chassis)	6SL3320-1TG41-0AA5
SMM (500-690V, 1270A, INT, Chassis)	6SL3320-1TG41-3AA3
SMM (500-690V, 1270A, INT, Chassis)	6SL3320-1TG41-3AA5
SMM (500-690V, 1450A, INT, Chassis)	6SL3320-1TG41-5AA3
Chassis Motor Modules 380-480V, Liquid Cooling	
SMM (380-480V, 210A, LC, Chassis)	6SL3325-1TE32-1AA3
SMM (380-480V, 260A, LC, Chassis)	6SL3325-1TE32-6AA3
SMM (380-480V, 310A, LC, Chassis)	6SL3325-1TE33-1AA3
SMM (380-480V, 490A, LC, Chassis)	6SL3325-1TE35-0AA3
SMM (380-480V, 605A, LC, Chassis)	6SL3325-1TE36-1AA3

Description	Order Purchase No. (MLFB)
SMM (380-480V, 745A, LC, Chassis)	6SL3325-1TE37-5AA3
SMM (380-480V, 745A, LC, Chassis)	6SL3325-1TE37-5AA7
SMM (380-480V, 840A, LC, Chassis)	6SL3325-1TE38-4AA3
SMM (380-480V, 985A, LC, Chassis)	6SL3325-1TE41-0AA3
SMM (380-480V, 985A, LC, Chassis)	6SL3325-1TE41-0AA7
SMM (380-480V, 1260A, LC, Chassis)	6SL3325-1TE41-2AA3
SMM (380-480V, 1260A, LC, Chassis)	6SL3325-1TE41-2AA7
SMM (380-480V, 1405A, LC, Chassis)	6SL3325-1TE41-4AA3
SMM (380-480V, 1405A, LC, Chassis)	6SL3325-1TE41-4AA7
SMM (380-480V, 1330A, LC, Chassis)	6SL3325-1TE41-4AS3
Chassis Motor Modules 500-690V, Liquid Cooling	
SMM (500-690V, 100A, LC, Chassis)	6SL3325-1TG31-0AA3
SMM (500-690V, 150A, LC, Chassis)	6SL3325-1TG31-5AA3
SMM (500-690V, 215A, LC, Chassis)	6SL3325-1TG32-2AA3
SMM (500-690V, 330A, LC, Chassis)	6SL3325-1TG33-3AA3
SMM (500-690V, 465A, LC, Chassis)	6SL3325-1TG34-7AA3
SMM (500-690V, 465A, LC, Chassis)	6SL3325-1TG34-7AA7
SMM (500-690V, 575A, LC, Chassis)	6SL3325-1TG35-8AA3
SMM (500-690V, 575A, LC, Chassis)	6SL3325-1TG35-8AA7
SMM (500-690V, 735A, LC, Chassis)	6SL3325-1TG37-4AA3
SMM (500-690V, 810A, LC, Chassis)	6SL3325-1TG38-0AA3
SMM (500-690V, 810A, LC, Chassis)	6SL3325-1TG38-1AA3
SMM (500-690V, 810A, LC, Chassis)	6SL3325-1TG38-1AA7
SMM (500-690V, 1025A, LC, Chassis)	6SL3325-1TG41-0AA3
SMM (500-690V, 1025A, LC, Chassis)	6SL3325-1TG41-0AA7
SMM (500-690V, 1270A, LC, Chassis)	6SL3325-1TG41-3AA3
SMM (500-690V, 1270A, LC, Chassis)	6SL3325-1TG41-3AA7
SMM (500-690V, 1500A, LC, Chassis)	6SL3325-1TG41-6AA3
SMM (500-690V, 1500A, LC, Chassis)	6SL3325-1TG41-6AA7
SMM (500-690V, 1560A, LC, Chassis)	6SL3325-1TG41-6AP3
Chassis Motor Modules-2 380-480V, Internal Cooling	
SMM (380-480V, 665A, INT, Chassis)	6SL3321-1TE36-6AA0
SMM (380-480V, 740A, INT, Chassis)	6SL3321-1TE37-4AA0
SMM (380-480V, 810A, INT, Chassis)	6SL3321-1TE38-1AA0
SMM (380-480V, 910A, INT, Chassis)	6SL3321-1TE38-8AA0
SMM (380-480V, 975A, INT, Chassis)	6SL3321-1TE41-0AA0
SMM (380-480V, 1075A, INT, Chassis)	6SL3321-1TE41-1AA0
SMM (380-480V, 1145A, INT, Chassis)	6SL3321-1TE41-2AA0
SMM (380-480V, 1325A, INT, Chassis)	6SL3321-1TE41-3AA0
SMM (380-480V, 1495A, INT, Chassis)	6SL3321-1TE41-5AA0
Chassis Motor Modules Spare Parts	
SMM (380-480V, 315-355kW, Chassis)	6SL3354-1TE37-4AA0
SMM (380-480V, 400-450kW, Chassis)	6SL3354-1TE38-8AA0
SMM (380-480V, 500-630kW, Chassis)	6SL3354-1TE41-2AA0
SMM (380-480V, 710-800kW, Chassis)	6SL3354-1TE41-5AA0

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6.2.7 S120 Cabinet Motor Module Hardware

The above mentioned Control Interface Modules (CIM) are integrated in the S120 Cabinet Motor Modules listed below.

Description	Order Purchase No. (MLFB)
Cabinet Single Axis Motor Modules 0-480V, Internal Cooling	
SMM (0-480V, 9A, INT)	6SL3720-1TE21-0AB4
SMM (0-480V, 9A, INT, NEMA)	6SL3720-1TE21-0AU3
SMM (0-480V, 18A, INT)	6SL3720-1TE21-8AB4
SMM (0-480V, 18A, INT, NEMA)	6SL3720-1TE21-8AU3
SMM (0-480V, 30A, INT)	6SL3720-1TE23-0AB4
SMM (0-480V, 30A, INT, NEMA)	6SL3720-1TE23-0AU3
SMM (0-480V, 45A, INT)	6SL3720-1TE24-5AB4
SMM (0-480V, 45A, INT, NEMA)	6SL3720-1TE24-5AU3
SMM (0-480V, 60A, INT)	6SL3720-1TE26-0AB4
SMM (0-480V, 60A, INT, NEMA)	6SL3720-1TE26-0AU3
SMM (0-480V, 85A, INT)	6SL3720-1TE28-5AB3
SMM (0-480V, 85A, INT, NEMA)	6SL3720-1TE28-5AU3
SMM (0-480V, 132A, INT)	6SL3720-1TE31-3AB3
SMM (0-480V, 132A, INT, NEMA)	6SL3720-1TE31-3AU3
SMM (0-480V, 210A, INT)	6SL3720-1TE32-1AA3
SMM (0-480V, 210A, INT, NEMA)	6SL3720-1TE32-1AU3
SMM (0-480V, 260A, INT)	6SL3720-1TE32-6AA3
SMM (0-480V, 260A, INT, NEMA)	6SL3720-1TE32-6AU3
SMM (0-480V, 310A, INT)	6SL3720-1TE33-1AA3
SMM (0-480V, 310A, INT, NEMA)	6SL3720-1TE33-1AU3
SMM (0-480V, 380A, INT)	6SL3720-1TE33-8AA3
SMM (0-480V, 380A, INT, NEMA)	6SL3720-1TE33-8AU3
SMM (0-480V, 490A, INT)	6SL3720-1TE35-0AA3
SMM (0-480V, 490A, INT, NEMA)	6SL3720-1TE35-0AU3
SMM (0-480V, 605A, INT)	6SL3720-1TE36-1AA3
SMM (0-480V, 605A, INT, NEMA)	6SL3720-1TE36-1AU3
SMM (0-480V, 745A, INT)	6SL3720-1TE37-5AA3
SMM (0-480V, 745A, INT, NEMA)	6SL3720-1TE37-5AU3
SMM (0-480V, 840A, INT)	6SL3720-1TE38-4AA3
SMM (0-480V, 840A, INT, NEMA)	6SL3720-1TE38-4AU3
SMM (0-480V, 985A, INT)	6SL3720-1TE41-0AA3
SMM (0-480V, 985A, INT, NEMA)	6SL3720-1TE41-0AU3
SMM (0-480V, 1260A, INT)	6SL3720-1TE41-2AA3
SMM (0-480V, 1260A, INT, NEMA)	6SL3720-1TE41-2AU3
SMM (0-480V, 1405A, INT)	6SL3720-1TE41-4AA3
SMM (0-480V, 1405A, INT, NEMA)	6SL3720-1TE41-4AU3
Cabinet Single Axis Motor Modules 0-690V, Internal Cooling	
SMM (0-690V, 85A, INT)	6SL3720-1TG28-5AA3
SMM (0-690V, 85A, INT, NEMA)	6SL3720-1TG28-5AU3
SMM (0-690V, 100A, INT)	6SL3720-1TG31-0AA3
SMM (0-690V, 100A, INT, NEMA)	6SL3720-1TG31-0AU3

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Description	Order Purchase No. (MLFB)
SMM (0-690V, 120A, INT)	6SL3720-1TG31-2AA3
SMM (0-690V, 120A, INT, NEMA)	6SL3720-1TG31-2AU3
SMM (0-690V, 150A, INT)	6SL3720-1TG31-5AA3
SMM (0-690V, 150A, INT, NEMA)	6SL3720-1TG31-5AU3
SMM (0-690V, 175A, INT)	6SL3720-1TG31-8AA3
SMM (0-690V, 175A, INT, NEMA)	6SL3720-1TG31-8AU3
SMM (0-690V, 215A, INT)	6SL3720-1TG32-2AA3
SMM (0-690V, 215A, INT, NEMA)	6SL3720-1TG32-2AU3
SMM (0-690V, 260A, INT)	6SL3720-1TG32-6AA3
SMM (0-690V, 260A, INT, NEMA)	6SL3720-1TG32-6AU3
SMM (0-690V, 330A, INT)	6SL3720-1TG33-3AA3
SMM (0-690V, 330A, INT, NEMA)	6SL3720-1TG33-3AU3
SMM (0-690V, 410A, INT)	6SL3720-1TG34-1AA3
SMM (0-690V, 410A, INT, NEMA)	6SL3720-1TG34-1AU3
SMM (0-690V, 465A, INT)	6SL3720-1TG34-7AA3
SMM (0-690V, 465A, INT, NEMA)	6SL3720-1TG34-7AU3
SMM (0-690V, 575A, INT)	6SL3720-1TG35-8AA3
SMM (0-690V, 575A, INT, NEMA)	6SL3720-1TG35-8AU3
SMM (0-690V, 735A, INT)	6SL3720-1TG37-4AA3
SMM (0-690V, 735A, INT, NEMA)	6SL3720-1TG37-4AU3
SMM (0-690V, 810A, INT)	6SL3720-1TG38-1AA3
SMM (0-690V, 810A, INT, NEMA)	6SL3720-1TG38-1AU3
SMM (0-690V, 910A, INT)	6SL3720-1TG38-8AA3
SMM (0-690V, 910A, INT, NEMA)	6SL3720-1TG38-8AU3
SMM (0-690V, 1025A, INT)	6SL3720-1TG41-0AA3
SMM (0-690V, 1025A, INT, NEMA)	6SL3720-1TG41-0AU3
SMM (0-690V, 1270A, INT)	6SL3720-1TG41-3AA3
SMM (0-690V, 1270A, INT, NEMA)	6SL3720-1TG41-3AU3
SMM (0-690V, 1450A, INT)	6SL3720-1TG41-5AA3
Cabinet Single Axis Motor Modules-2 0-480V, Internal Cooling	
SMM (0-480V, 655A, INT)	6SL3721-1TE36-6BE0
SMM (0-480V, 740A, INT)	6SL3721-1TE37-4BE0
SMM (0-480V, 810A, INT)	6SL3721-1TE38-1BE0
SMM (0-480V, 910A, INT)	6SL3721-1TE38-8BE0
SMM (0-480V, 975A, INT)	6SL3721-1TE41-0BE0
SMM (0-480V, 1075A, INT)	6SL3721-1TE41-1BE0
SMM (0-480V, 1200A, INT)	6SL3721-1TE41-2BE0
SMM (0-480V, 1325A, INT)	6SL3721-1TE41-3BE0
SMM (0-480V, 1495A, INT)	6SL3721-1TE41-5BE0
Cabinet Single Axis Motor Modules 0-480V, Liquid Cooling	
SMM (0-480V, 210A, LC)	6SL3725-1TE32-1AA3
SMM (0-480V, 260A, LC)	6SL3725-1TE32-6AA3
SMM (0-480V, 310A, LC)	6SL3725-1TE33-1AA3
SMM (0-480V, 490A, LC)	6SL3725-1TE35-0AA3
SMM (0-480V, 605A, LC)	6SL3725-1TE36-1AA3

Description	Order Purchase No. (MLFB)
SMM (0-480V, 745A, LC)	6SL3725-1TE37-5AA3
SMM (0-480V, 840A, LC)	6SL3725-1TE38-4AA3
SMM (0-480V, 985A, LC)	6SL3725-1TE41-0AA3
SMM (0-480V, 985A, LC, 400mm)	6SL3725-1TE41-0MA3
SMM (0-480V, 1260A, LC)	6SL3725-1TE41-2AA3
SMM (0-480V, 1260A, LC, 400mm)	6SL3725-1TE41-2MA3
SMM (0-480V, 1405A, LC)	6SL3725-1TE41-4AA3
SMM (0-480V, 1405A, LC, 400mm)	6SL3725-1TE41-4MA3
SMM (0-480V, 1330A, LC)	6SL3725-1TE41-4AS3
Cabinet Single Axis Motor Modules 0-690V, Liquid Cooling	
SMM (0-690V, 100A, LC)	6SL3725-1TG31-0AA3
SMM (0-690V, 150A, LC)	6SL3725-1TG31-5AA3
SMM (0-690V, 215A, LC)	6SL3725-1TG32-2AA3
SMM (0-690V, 330A, LC)	6SL3725-1TG33-3AA3
SMM (0-690V, 465A, LC)	6SL3725-1TG34-7AA3
SMM (0-690V, 575A, LC)	6SL3725-1TG35-8AA3
SMM (0-690V, 735A, LC)	6SL3725-1TG37-4AA3
SMM (0-690V, 810A, LC)	6SL3725-1TG38-0AA3
SMM (0-690V, 810A, LC)	6SL3725-1TG38-1AA3
SMM (0-690V, 810A, LC, 400mm)	6SL3725-1TG38-1MA3
SMM (0-690V, 1025A, LC)	6SL3725-1TG41-0AA3
SMM (0-690V, 1025A, LC, 400mm)	6SL3725-1TG41-0MA3
SMM (0-690V, 1270A, LC)	6SL3725-1TG41-3AA3
SMM (0-690V, 1270A, LC, 400mm)	6SL3725-1TG41-3MA3
SMM (0-690V, 1560A, LC)	6SL3725-1TG41-6AP3
SMM (0-690V, 1560A, LC, 400mm)	6SL3725-1TG41-6MP3
Cabinet Dual Axis Motor Modules 0-480V, Internal Cooling	
DMM (0-480V, 2x3A, INT)	6SL3720-2TE13-0AB3
DMM (0-480V, 2x5A, INT)	6SL3720-2TE15-0AB3
DMM (0-480V, 2x9A, INT)	6SL3720-2TE21-0AB3
DMM (0-480V, 2x18A, INT)	6SL3720-2TE21-8AB3

6.2.8 S150 Cabinet Motor Module Hardware

The above mentioned Control Interface Modules (CIM) are integrated in the S150 Cabinet Motor Modules listed below.

Description	Order Purchase No. (MLFB)
S150 Cabinet 380-480V	
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 110kW)	6SL3710-7LE32-1AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 110kW, NEMA)	6SL3710-7LE32-1AU3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 132kW)	6SL3710-7LE32-6AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 132kW, NEMA)	6SL3710-7LE32-6AU3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 160kW)	6SL3710-7LE33-1AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 160kW, NEMA)	6SL3710-7LE33-1AU3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 200kW)	6SL3710-7LE33-8AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 200kW, NEMA)	6SL3710-7LE33-8AU3

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Description	Order Purchase No. (MLFB)
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 250kW)	6SL3710-7LE35-0AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 250kW, NEMA)	6SL3710-7LE35-0AU3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 315kW)	6SL3710-7LE36-1AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 315kW, NEMA)	6SL3710-7LE36-1AU3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 400kW)	6SL3710-7LE37-5AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 400kW, NEMA)	6SL3710-7LE37-5AU3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 450kW)	6SL3710-7LE38-4AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 450kW, NEMA)	6SL3710-7LE38-4AU3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 560kW)	6SL3710-7LE41-0AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 560kW, NEMA)	6SL3710-7LE41-0AU3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 710kW)	6SL3710-7LE41-2AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 710kW, NEMA)	6SL3710-7LE41-2AU3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 800kW)	6SL3710-7LE41-4AA3
SINAMICS S150 Cabinet (380-480V, 50/60Hz, 800kW, NEMA)	6SL3710-7LE41-4AU3
S150 Cabinet 500-690V	
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 75kW)	6SL3710-7LG28-5AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 75kW, NEMA)	6SL3710-7LG28-5AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 90kW)	6SL3710-7LG31-0AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 90kW, NEMA)	6SL3710-7LG31-0AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 110kW)	6SL3710-7LG31-2AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 110kW, NEMA)	6SL3710-7LG31-2AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 132kW)	6SL3710-7LG31-5AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 132kW, NEMA)	6SL3710-7LG31-5AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 160kW)	6SL3710-7LG31-8AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 160kW, NEMA)	6SL3710-7LG31-8AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 200kW)	6SL3710-7LG32-2AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 200kW, NEMA)	6SL3710-7LG32-2AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 250kW)	6SL3710-7LG32-6AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 250kW, NEMA)	6SL3710-7LG32-6AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 315kW)	6SL3710-7LG33-3AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 315kW, NEMA)	6SL3710-7LG33-3AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 400kW)	6SL3710-7LG34-1AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 400kW, NEMA)	6SL3710-7LG34-1AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 450kW)	6SL3710-7LG34-7AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 450kW, NEMA)	6SL3710-7LG34-7AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 560kW)	6SL3710-7LG35-8AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 560kW, NEMA)	6SL3710-7LG35-8AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 710kW)	6SL3710-7LG37-4AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 710kW, NEMA)	6SL3710-7LG37-4AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 800kW)	6SL3710-7LG38-1AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 800kW, NEMA)	6SL3710-7LG38-1AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 900kW)	6SL3710-7LG38-8AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 900kW, NEMA)	6SL3710-7LG38-8AU3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 1000kW)	6SL3710-7LG41-0AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 1000kW, NEMA)	6SL3710-7LG41-0AU3

Description	Order Purchase No. (MLFB)
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 1200kW)	6SL3710-7LG41-3AA3
SINAMICS S150 Cabinet (500-690V, 50/60Hz, 1200kW, NEMA)	6SL3710-7LG41-3AU3

6.2.9 G130 Power Module Hardware

The above mentioned Control Interface Modules (CIM) are integrated in the G130 Power Modules listed below.

Description	Order Purchase No. (MLFB)
G130 (3AC 380-480V, 50/60Hz, 210A)	6SL3310-1GE32-1AA3
G130 (3AC 380-480V, 50/60Hz, 260A)	6SL3310-1GE32-6AA3
G130 (3AC 380-480V, 50/60Hz, 310A)	6SL3310-1GE33-1AA3
G130 (3AC 380-480V, 50/60Hz, 380A)	6SL3310-1GE33-8AA3
G130 (3AC 380-480V, 50/60Hz, 490A)	6SL3310-1GE35-0AA3
G130 (3AC 380-480V, 50/60Hz, 605A)	6SL3310-1GE36-1AA3
G130 (3AC 380-480V, 50/60Hz, 745A)	6SL3310-1GE37-5AA3
G130 (3AC 380-480V, 50/60Hz, 840A)	6SL3310-1GE38-4AA3
G130 (3AC 380-480V, 50/60Hz, 985A)	6SL3310-1GE41-0AA3
G130 (3AC 500-600V, 50/60Hz, 175A)	6SL3310-1GF31-8AA3
G130 (3AC 500-600V, 50/60Hz, 215A)	6SL3310-1GF32-2AA3
G130 (3AC 500-600V, 50/60Hz, 260A)	6SL3310-1GF32-6AA3
G130 (3AC 500-600V, 50/60Hz, 330A)	6SL3310-1GF33-3AA3
G130 (3AC 500-600V, 50/60Hz, 410A)	6SL3310-1GF34-1AA3
G130 (3AC 500-600V, 50/60Hz, 465A)	6SL3310-1GF34-7AA3
G130 (3AC 500-600V, 50/60Hz, 575A)	6SL3310-1GF35-8AA3
G130 (3AC 500-600V, 50/60Hz, 735A)	6SL3310-1GF37-4AA3
G130 (3AC 500-600V, 50/60Hz, 810A)	6SL3310-1GF38-1AA3
G130 (3AC 660-690V, 50/60Hz, 85A)	6SL3310-1GH28-5AA3
G130 (3AC 660-690V, 50/60Hz, 100A)	6SL3310-1GH31-0AA3
G130 (3AC 660-690V, 50/60Hz, 120A)	6SL3310-1GH31-2AA3
G130 (3AC 660-690V, 50/60Hz, 150A)	6SL3310-1GH31-5AA3
G130 (3AC 660-690V, 50/60Hz, 175A)	6SL3310-1GH31-8AA3
G130 (3AC 660-690V, 50/60Hz, 215A)	6SL3310-1GH32-2AA3
G130 (3AC 660-690V, 50/60Hz, 260A)	6SL3310-1GH32-6AA3
G130 (3AC 660-690V, 50/60Hz, 330A)	6SL3310-1GH33-3AA3
G130 (3AC 660-690V, 50/60Hz, 410A)	6SL3310-1GH34-1AA3
G130 (3AC 660-690V, 50/60Hz, 465A)	6SL3310-1GH34-7AA3
G130 (3AC 660-690V, 50/60Hz, 575A)	6SL3310-1GH35-8AA3
G130 (3AC 660-690V, 50/60Hz, 735A)	6SL3310-1GH37-4AA3
G130 (3AC 660-690V, 50/60Hz, 810A)	6SL3310-1GH38-1AA3

6.2.10 G150 Cabinet Power Module Hardware

The above mentioned Control Interface Modules (CIM) are integrated in the G150 Cabinet Power Modules listed below.

Description	Order Purchase No. (MLFB)
G150 Cabinet Module 380-480V	
G150 Cabinet (FSF, 380-480V, 50/60Hz, 110kW, C3)	6SL3710-1GE32-1AA3
G150 Cabinet (FSF, 380-480V, 50/60Hz, 110kW, C3, NEMA)	6SL3710-1GE32-1AU3

Siemens Aktiengesellschaft: Chairman of the Supervisory Board: Jim Hagemann Snaube; Managing Board: Roland Busch, Chairman, President and Chief Executive Officer; Cedrik Neike, Matthias Rebellius, Ralf P. Thomas, Judith Wiese; Registered offices: Berlin and Munich, Germany; Commercial registries: Berlin-Charlottenburg, HRB 12300, Munich, HRB 6684; WEEE-Reg.-No. DE 23691322

Description	Order Purchase No. (MLFB)
G150 Cabinet (FSF, 380-480V, 50/60Hz, 110kW, C3)	6SL3710-1GE32-1CA3
G150 Cabinet (FSF, 380-480V, 50/60Hz, 110kW, C3, NEMA)	6SL3710-1GE32-1CU3
G150 Cabinet (FSF, 380-480V, 50/60Hz, 132kW, C3)	6SL3710-1GE32-6AA3
G150 Cabinet (FSF, 380-480V, 50/60Hz, 132kW, C3, NEMA)	6SL3710-1GE32-6AU3
G150 Cabinet (FSF, 380-480V, 50/60Hz, 132kW, C3)	6SL3710-1GE32-6CA3
G150 Cabinet (FSF, 380-480V, 50/60Hz, 132kW, C3, NEMA)	6SL3710-1GE32-6CU3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 160kW, C3)	6SL3710-1GE33-1AA3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 160kW, C3, NEMA)	6SL3710-1GE33-1AU3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 160kW, C3)	6SL3710-1GE33-1CA3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 160kW, C3, NEMA)	6SL3710-1GE33-1CU3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 200kW, C3)	6SL3710-1GE33-8AA3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 200kW, C3, NEMA)	6SL3710-1GE33-8AU3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 200kW, C3)	6SL3710-1GE33-8CA3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 200kW, C3, NEMA)	6SL3710-1GE33-8CU3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 250kW, C3)	6SL3710-1GE35-0AA3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 250kW, C3, NEMA)	6SL3710-1GE35-0AU3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 250kW, C3)	6SL3710-1GE35-0CA3
G150 Cabinet (FSG, 380-480V, 50/60Hz, 250kW, C3, NEMA)	6SL3710-1GE35-0CU3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 315kW, C3)	6SL3710-1GE36-1AA3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 315kW, C3, NEMA)	6SL3710-1GE36-1AU3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 315kW, C3)	6SL3710-1GE36-1CA3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 315kW, C3, NEMA)	6SL3710-1GE36-1CU3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 400kW, C3)	6SL3710-1GE37-5AA3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 400kW, C3, NEMA)	6SL3710-1GE37-5AU3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 400kW, C3)	6SL3710-1GE37-5CA3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 400kW, C3, NEMA)	6SL3710-1GE37-5CU3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 450kW, C3)	6SL3710-1GE38-4AA3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 450kW, C3, NEMA)	6SL3710-1GE38-4AU3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 450kW, C3)	6SL3710-1GE38-4CA3
G150 Cabinet (FSH, 380-480V, 50/60Hz, 450kW, C3, NEMA)	6SL3710-1GE38-4CU3
G150 Cabinet (FSJ, 380-480V, 50/60Hz, 560kW, C3)	6SL3710-1GE41-0AA3
G150 Cabinet (FSJ, 380-480V, 50/60Hz, 560kW, C3, NEMA)	6SL3710-1GE41-0AU3
G150 Cabinet (FSJ, 380-480V, 50/60Hz, 560kW, C3)	6SL3710-1GE41-0CA3
G150 Cabinet (FSJ, 380-480V, 50/60Hz, 560kW, C3, NEMA)	6SL3710-1GE41-0CU3
G150 Cabinet (380-480V, 50/60Hz, 630kW, C3)	6SL3710-2GE41-1AA3
G150 Cabinet (380-480V, 50/60Hz, 710kW, C3)	6SL3710-2GE41-4AA3
G150 Cabinet (380-480V, 50/60Hz, 900kW, C3)	6SL3710-2GE41-6AA3
G150 Cabinet Module 500-600V	
G150 Cabinet (FSG, 500-600V, 50/60Hz, 110kW, C3)	6SL3710-1GF31-8AA3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 110kW, C3, NEMA)	6SL3710-1GF31-8AU3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 110kW, C3)	6SL3710-1GF31-8CA3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 110kW, C3, NEMA)	6SL3710-1GF31-8CU3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 132kW, C3)	6SL3710-1GF32-2AA3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 132kW, C3, NEMA)	6SL3710-1GF32-2AU3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 132kW, C3)	6SL3710-1GF32-2CA3

Description	Order Purchase No. (MLFB)
G150 Cabinet (FSG, 500-600V, 50/60Hz, 132kW, C3, NEMA)	6SL3710-1GF32-2CU3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 160kW, C3)	6SL3710-1GF32-6AA3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 160kW, C3, NEMA)	6SL3710-1GF32-6AU3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 160kW, C3)	6SL3710-1GF32-6CA3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 160kW, C3, NEMA)	6SL3710-1GF32-6CU3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 200kW, C3)	6SL3710-1GF33-3AA3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 200kW, C3, NEMA)	6SL3710-1GF33-3AU3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 200kW, C3)	6SL3710-1GF33-3CA3
G150 Cabinet (FSG, 500-600V, 50/60Hz, 200kW, C3, NEMA)	6SL3710-1GF33-3CU3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 250kW, C3)	6SL3710-1GF34-1AA3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 250kW, C3, NEMA)	6SL3710-1GF34-1AU3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 250kW, C3)	6SL3710-1GF34-1CA3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 250kW, C3, NEMA)	6SL3710-1GF34-1CU3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 315kW, C3)	6SL3710-1GF34-7AA3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 315kW, C3, NEMA)	6SL3710-1GF34-7AU3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 315kW, C3)	6SL3710-1GF34-7CA3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 315kW, C3, NEMA)	6SL3710-1GF34-7CU3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 400kW, C3)	6SL3710-1GF35-8AA3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 400kW, C3, NEMA)	6SL3710-1GF35-8AU3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 400kW, C3)	6SL3710-1GF35-8CA3
G150 Cabinet (FSH, 500-600V, 50/60Hz, 400kW, C3, NEMA)	6SL3710-1GF35-8CU3
G150 Cabinet (FSJ, 500-600V, 50/60Hz, 500kW, C3)	6SL3710-1GF37-4AA3
G150 Cabinet (FSJ, 500-600V, 50/60Hz, 500kW, C3, NEMA)	6SL3710-1GF37-4AU3
G150 Cabinet (FSJ, 500-600V, 50/60Hz, 500kW, C3)	6SL3710-1GF37-4CA3
G150 Cabinet (FSJ, 500-600V, 50/60Hz, 500kW, C3, NEMA)	6SL3710-1GF37-4CU3
G150 Cabinet (FSJ, 500-600V, 50/60Hz, 560kW, C3)	6SL3710-1GF38-1AA3
G150 Cabinet (FSJ, 500-600V, 50/60Hz, 560kW, C3, NEMA)	6SL3710-1GF38-1AU3
G150 Cabinet (FSJ, 500-600V, 50/60Hz, 560kW, C3)	6SL3710-1GF38-1CA3
G150 Cabinet (FSJ, 500-600V, 50/60Hz, 560kW, C3, NEMA)	6SL3710-1GF38-1CU3
G150 Cabinet (500-600V, 50/60Hz, 630kW, C3)	6SL3710-2GF38-6AA3
G150 Cabinet (500-600V, 50/60Hz, 710kW, C3)	6SL3710-2GF41-1AA3
G150 Cabinet (500-600V, 50/60Hz, 1000kW, C3)	6SL3710-2GF41-4AA3
G150 Cabinet Module 660-690V	
G150 Cabinet (FSF, 660-690V, 50/60Hz, 75kW, C3)	6SL3710-1GH28-5AA3
G150 Cabinet (FSF, 660-690V, 50/60Hz, 75kW, C3)	6SL3710-1GH28-5CA3
G150 Cabinet (FSF, 660-690V, 50/60Hz, 90kW, C3)	6SL3710-1GH31-0AA3
G150 Cabinet (FSF, 660-690V, 50/60Hz, 90kW, C3)	6SL3710-1GH31-0CA3
G150 Cabinet (FSF, 660-690V, 50/60Hz, 110kW, C3)	6SL3710-1GH31-2AA3
G150 Cabinet (FSF, 660-690V, 50/60Hz, 110kW, C3)	6SL3710-1GH31-2CA3
G150 Cabinet (FSF, 660-690V, 50/60Hz, 132kW, C3)	6SL3710-1GH31-5AA3
G150 Cabinet (FSF, 660-690V, 50/60Hz, 132kW, C3)	6SL3710-1GH31-5CA3
G150 Cabinet (FSG, 660-690V, 50/60Hz, 160kW, C3)	6SL3710-1GH31-8AA3
G150 Cabinet (FSG, 660-690V, 50/60Hz, 160kW, C3)	6SL3710-1GH31-8CA3
G150 Cabinet (FSG, 660-690V, 50/60Hz, 200kW, C3)	6SL3710-1GH32-2AA3
G150 Cabinet (FSG, 660-690V, 50/60Hz, 200kW, C3)	6SL3710-1GH32-2CA3

Description	Order Purchase No. (MLFB)
G150 Cabinet (FSG, 660-690V, 50/60Hz, 250kW, C3)	6SL3710-1GH32-6AA3
G150 Cabinet (FSG, 660-690V, 50/60Hz, 250kW, C3)	6SL3710-1GH32-6CA3
G150 Cabinet (FSG, 660-690V, 50/60Hz, 315kW, C3)	6SL3710-1GH33-3AA3
G150 Cabinet (FSG, 660-690V, 50/60Hz, 315kW, C3)	6SL3710-1GH33-3CA3
G150 Cabinet (FSH, 660-690V, 50/60Hz, 400kW, C3)	6SL3710-1GH34-1AA3
G150 Cabinet (FSH, 660-690V, 50/60Hz, 400kW, C3)	6SL3710-1GH34-1CA3
G150 Cabinet (FSH, 660-690V, 50/60Hz, 450kW, C3)	6SL3710-1GH34-7AA3
G150 Cabinet (FSH, 660-690V, 50/60Hz, 450kW, C3)	6SL3710-1GH34-7CA3
G150 Cabinet (FSH, 660-690V, 50/60Hz, 560kW, C3)	6SL3710-1GH35-8AA3
G150 Cabinet (FSH, 660-690V, 50/60Hz, 560kW, C3)	6SL3710-1GH35-8CA3
G150 Cabinet (FSJ, 660-690V, 50/60Hz, 710kW, C3)	6SL3710-1GH37-4AA3
G150 Cabinet (FSJ, 660-690V, 50/60Hz, 710kW, C3)	6SL3710-1GH37-4CA3
G150 Cabinet (FSJ, 660-690V, 50/60Hz, 800kW, C3)	6SL3710-1GH38-1AA3
G150 Cabinet (FSJ, 660-690V, 50/60Hz, 800kW, C3)	6SL3710-1GH38-1CA3
G150 Cabinet (660-690V, 50/60Hz, 1000kW, C3)	6SL3710-2GH41-1AA3
G150 Cabinet (660-690V, 50/60Hz, 1350kW, C3)	6SL3710-2GH41-4AA3
G150 Cabinet (660-690V, 50/60Hz, 1500kW, C3)	6SL3710-2GH41-5AA3
G150 Cabinet (660-690V, 50/60Hz, 1750kW, C3)	6SL3710-2GH41-8EA3
G150 Cabinet (660-690V, 50/60Hz, 1950kW, C3)	6SL3710-2GH42-0EA3
G150 Cabinet (660-690V, 50/60Hz, 2150kW, C3)	6SL3710-2GH42-2EA3
G150 Cabinet (660-690V, 50/60Hz, 2400kW, C3)	6SL3710-2GH42-4EA3
G150 Cabinet (660-690V, 50/60Hz, 2700kW, C3)	6SL3710-2GH42-7EA3
G150 Cabinet Basic Unit 380-480V	
G150 (BU+, FSF, 380-480V, 110kW, 210A)	6SL3310-1TE32-1AB3
G150 (BU+, FSF, 380-480V, 132kW, 260A)	6SL3310-1TE32-6AB3
G150 (BU+, FSG, 380-480V, 160kW, 310A)	6SL3310-1TE33-1AB3
G150 (BU+, FSG, 380-480V, 200kW, 380A)	6SL3310-1TE33-8AB3
G150 (BU+, FSG, 380-480V, 250kW, 490A)	6SL3310-1TE35-0AB3
G150 (BU+, FSH, 380-480V, 315kW, 605A)	6SL3310-1TE36-1AB3
G150 (BU+, FSH, 380-480V, 400kW, 745A)	6SL3310-1TE37-5AB3
G150 (BU+, FSH, 380-480V, 450kW, 840A)	6SL3310-1TE38-4AB3
G150 (BU+, FSJ, 380-480V, 560kW, 985A)	6SL3310-1TE41-0AB3
G150 Cabinet Basic Unit 500V	
G150 (BU+, FSG, 500V, 110kW, 175A)	6SL3310-1TF31-8AB3
G150 (BU+, FSG, 500V, 132kW, 215A)	6SL3310-1TF32-2AB3
G150 (BU+, FSG, 500V, 160kW, 260A)	6SL3310-1TF32-6AB3
G150 (BU+, FSG, 500V, 200kW, 330A)	6SL3310-1TF33-3AB3
G150 (BU+, FSH, 500V, 250kW, 410A)	6SL3310-1TF34-1AB3
G150 (BU+, FSH, 500V, 315kW, 465A)	6SL3310-1TF34-7AB3
G150 (BU+, FSH, 500V, 400kW, 575A)	6SL3310-1TF35-8AB3
G150 (BU+, FSJ, 500V, 500kW, 735A)	6SL3310-1TF37-4AB3
G150 (BU+, FSJ, 500V, 560kW, 810A)	6SL3310-1TF38-1AB3
G150 Cabinet Basic Unit 690V	
G150 (BU+, FSF, 690V, 75kW, 85A)	6SL3310-1TH28-5AB3
G150 (BU+, FSF, 690V, 90kW, 100A)	6SL3310-1TH31-0AB3

Description	Order Purchase No. (MLFB)
G150 (BU+, FSF, 690V, 110kW, 120A)	6SL3310-1TH31-2AB3
G150 (BU+, FSF, 690V, 132kW, 150A)	6SL3310-1TH31-5AB3
G150 (BU+, FSG, 690V, 160kW, 175A)	6SL3310-1TH31-8AB3
G150 (BU+, FSG, 690V, 200kW, 215A)	6SL3310-1TH32-2AB3
G150 (BU+, FSG, 690V, 250kW, 260A)	6SL3310-1TH32-6AB3
G150 (BU+, FSG, 690V, 315kW, 330A)	6SL3310-1TH33-3AB3
G150 (BU+, FSH, 690V, 400kW, 410A)	6SL3310-1TH34-1AB3
G150 (BU+, FSH, 690V, 450kW, 465A)	6SL3310-1TH34-7AB3
G150 (BU+, FSH, 690V, 560kW, 575A)	6SL3310-1TH35-8AB3
G150 (BU+, FSJ, 690V, 710kW, 735A)	6SL3310-1TH37-4AB3
G150 (BU+, FSJ, 690V, 800kW, 810A)	6SL3310-1TH38-1AB3

7 Sensor Modules

7.1 Sensor Module Software

SMI20 6SL3055-0AA00-5MA0 SME20 6SL3055-0AA00-5EA0 SME25 6SL3055-0AA00-5HA0 SME120 6SL3055-0AA00-5JA0 SME125 6SL3055-0AA00-5KA0 SMC20 6SL3055-0AA00-5BA1 6SL3055-0AA00-5BA2	SMI20 (2. Generation) 6SL3055-0AA00-5MA3 SMI24 ⁷ 6SL3055-0AA00-5SA3	SMC20 (2. Generation) 6SL3055-0AA00-5BA3 SME20 (2. Generation) 6SL3055-0AA00-5EA3 SME25 (2. Generation) 6SL3055-0AA00-5HA3 SME120 (2. Generation) 6SL3055-0AA00-5JA3 SME125 (2. Generation) 6SL3055-0AA00-5KA3	Safety-Firmware Version (Extended)
V 2.4 SP1 V 2.5 V 2.6 V 4.1 V 4.3 V 4.4 V 4.5 V 4.6 V 4.7 V 4.8 V 5.1	---	---	02.40.06.00
---	V 2.5 V 2.6	---	02.60.29.00 02.60.34.00
---	V 2.4 HF12 V 4.3	V 2.4 HF12 V 4.3	04.30.13.00
---	V 4.4	V 4.4	04.40.18.00 04.50.13.00 04.50.19.00
---	V 4.5	V 4.5	04.50.19.00
---	V 4.6	V 4.6	04.60.09.00
---	V 4.7	V 4.7	04.70.02.00
---	---	V 4.8	04.80.40.00
---	V 5.1	V 5.1	05.10.05.00
---	V 5.2	V 5.2	05.20.05.00

7.2 Sensor Module Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
SMI20 (sensor module internal)	6SL3055-0AA00-5MA0 Included in motors with DRIVE-CLiQ interface: A5E00207496	99
SMI20 (sensor module internal)	6SL3055-0AA00-5MA3 (2. Generation) Included in motors with DRIVE-CLiQ interface: A5E01139087	H
SMI24 (sensor module internal)	A5E33414618	C, D
SME20 (sensor module external)	6SL3055-0AA00-5EA0	B

⁷ SMI24 only released for V4.4 and higher

Description	Order Purchase No. (MLFB)	Hardware Version
SME20 (sensor module external)	6SL3055-0AA00-5EA3 (2. Generation)	F, G, H, J, K, L
SME25 (sensor module external)	6SL3055-0AA00-5HA0	B
SME25 (sensor module external)	6SL3055-0AA00-5HA3 (2. Generation)	G, H, J, K, L, M, N
SME120 (sensor module external)	6SL3055-0AA00-5JA0	B, C
SME120 (sensor module external)	6SL3055-0AA00-5JA3 (2. Generation)	B, D, E, F, G, H
SME125 (sensor module external)	6SL3055-0AA00-5KA0	B, C
SME125 (sensor module external)	6SL3055-0AA00-5KA3 (2. Generation)	B, D, E, F, G, H
SMC20 (sensor module cabinet)	6SL3055-0AA00-5BA1	A, B
SMC20 (sensor module cabinet)	6SL3055-0AA00-5BA2	A
SMC20 (sensor module cabinet)	6SL3055-0AA00-5BA3 (2. Generation)	A, B, C, D, E, F, G, H
SMC40 (sensor module cabinet)	6SL3055-0AA00-5DA0	A, B

8 Terminal Modules

8.1 Terminal Module Software

TM54F 6SL3055-0AA00-3BA0	Safety-Firmware Version (Extended)
V 2.5	02.50.30.00
V 2.6	02.60.30.00
V 4.3	04.30.14.00
V 4.4	04.40.21.00
V 4.5	04.50.22.00
V 4.6	04.60.15.00
V 4.7	04.70.32.00
V 4.8	04.80.43.00
V 5.1	05.10.16.00
V 5.2	05.20.05.00

8.2 Terminal Module Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
TM54F	6SL3055-0AA00-3BA0	A, B, C, D

9 Hydraulic Linear Axis Modules

9.1 Hydraulic Linear Axis Software

HLA 6SL3420-2HX00-0AA0	Safety-Firmware Version (Basic)	Safety-Firmware Version (Extended)
V 4.7	04.70.35.00 04.70.35.18 04.70.36.02	04.70.28.00 ⁸ 04.70.35.18 ⁸ 04.70.35.35 ⁸ 04.70.35.62 04.70.36.01 ⁸ 04.70.36.04
V 4.8	04.80.60.00	04.80.65.01
V 5.1	05.10.16.00 05.10.34.00	05.10.17.00 05.10.34.00
V 5.2	05.20.28.00 05.20.29.05 05.20.70.00 05.20.71.00 05.20.73.05	05.20.22.00 05.20.29.11 05.20.68.00

9.2 Hydraulic Linear Axis Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
HLA	6SL3420-2HX00-0AA0	A, B, C, D

⁸ Use of safety functions SOS and SS2 at the same time is excluded. Due to undefined behaviour the safety function Safe Acceleration Monitoring (SAM) is released with version V4.7HF24 (04.70.35.62). For more information see: [https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-\(sam\)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW](https://support.industry.siemens.com/cs/document/109740097/sinamics-safety-integrated%3A-deaktivierung-der-beschleunigungs%C3%BCberwachung-(sam)-bei-%C3%BCberlagerter-sos-verz%C3%B6gerungszeit?dti=0&lc=de-WW)

10 Safe Brake Modules

10.1 Safe Brake Module Software

No safety related firmware included.

10.2 Safe Brake Module Hardware

Description	Order Purchase No. (MLFB)	Hardware Version
Safe Brake Adapter (AC, 230V, 2A)	6SL3355-2DX00-1AA0	01, 02, A1, A2

11 Boundary Conditions

11.1 Exceptions

The marked software versions may lead to unexpected behaviour if SOS is used in combination with SS2. Please contact your local support for details.

11.2 System Related Software

According to IEC61508-4 (2010) the related engineering system “SINAMICS Startdrive” is classified as T3 off-line support tool. Therefore, all required measures considering T3 off-line support tools as defined in [1] were applied.

Off-Line Support Tool	Version TIA Portal
SINAMICS Startdrive	V14 V15 V16 V17