

## Overview (continued)

## Overview tables

The tables on the following pages provide an overview of all converters with associated line-side and load-side components, DC link components and the available Control Units with operator panels.

SINAMICS G120P Power Modules for use in building technology for heating, air-conditioning and ventilation applications, with degree of protection IP20, 380 to 480 V 3 AC

SINAMICS G120P									
Rated power <sup>1)</sup>		Rated output current $I_{rated}$ <sup>2)</sup>	Power based on the base-load current $I_H$ <sup>3)</sup>		Base-load current $I_H$ <sup>3)</sup>	Power Module			
400 V	460 V		400 V	460 V		Frame size	Type	Without integrated line filter	With integrated line filter class A (Category C2)
kW	hp	A	kW	hp	A			Article No.	Article No.
<b>0.37</b>	0.5	1.3	<b>0.25</b>	0.33	0.9	FSA	PM230	<b>6SL3210-1NE11-3UG1</b>	<b>6SL3210-1NE11-3AG1</b>
<b>0.55</b>	0.5	1.7	<b>0.37</b>	0.33	1.3			<b>6SL3210-1NE11-7UG1</b>	<b>6SL3210-1NE11-7AG1</b>
<b>0.75</b>	0.75	2.2	<b>0.55</b>	0.5	1.7			<b>6SL3210-1NE12-2UG1</b>	<b>6SL3210-1NE12-2AG1</b>
<b>1.1</b>	1	3.1	<b>0.75</b>	0.75	2.2			<b>6SL3210-1NE13-1UG1</b>	<b>6SL3210-1NE13-1AG1</b>
<b>1.5</b>	2	4.1	<b>1.1</b>	1	3.1			<b>6SL3210-1NE14-1UG1</b>	<b>6SL3210-1NE14-1AG1</b>
<b>2.2</b>	3	5.9	<b>1.5</b>	1.5	4.1			<b>6SL3210-1NE15-8UG1</b>	<b>6SL3210-1NE15-8AG1</b>
<b>3</b>	3	7.7	<b>2.2</b>	3	5.9			<b>6SL3210-1NE17-7UG1</b>	<b>6SL3210-1NE17-7AG1</b>
<b>4</b>	5	10.2	<b>3</b>	3	7.7	FSB		<b>6SL3210-1NE21-0UG1</b>	<b>6SL3210-1NE21-0AG1</b>
<b>5.5</b>	7.5	13.2	<b>4</b>	5	10.2			<b>6SL3210-1NE21-3UG1</b>	<b>6SL3210-1NE21-3AG1</b>
<b>7.5</b>	10	18	<b>5.5</b>	5	13.2			<b>6SL3210-1NE21-8UG1</b>	<b>6SL3210-1NE21-8AG1</b>
<b>11</b>	15	26	<b>7.5</b>	10	18	FSC		<b>6SL3210-1NE22-6UG1</b>	<b>6SL3210-1NE22-6AG1</b>
<b>15</b>	15	32	<b>11</b>	15	26			<b>6SL3210-1NE23-2UG1</b>	<b>6SL3210-1NE23-2AG1</b>
<b>18.5</b>	20	38	<b>15</b>	15	32			<b>6SL3210-1NE23-8UG1</b>	<b>6SL3210-1NE23-8AG1</b>
<b>22</b>	25	45	<b>18.5</b>	20	38	FSD		<b>6SL3210-1NE24-5UL0</b>	<b>6SL3210-1RN24-5AL0</b>
<b>30</b>	30	60	<b>22</b>	25	45			<b>6SL3210-1NE26-0UL0</b>	<b>6SL3210-1NE26-0AL0</b>
<b>37</b>	40	75	<b>30</b>	30	60	FSE		<b>6SL3210-1NE27-5UL0</b>	<b>6SL3210-1NE27-5AL0</b>
<b>45</b>	50	90	<b>37</b>	40	75			<b>6SL3210-1NE28-8UL0</b>	<b>6SL3210-1NE28-8AL0</b>
<b>55</b>	60	110	<b>45</b>	50	90	FSF		<b>6SL3210-1NE31-1UL0</b>	<b>6SL3210-1NE31-1AL0</b>
<b>75</b>	75	145	<b>55</b>	60	110			<b>6SL3210-1NE31-5UL0</b>	<b>6SL3210-1NE31-5AL0</b>
<b>Push Through</b>									
<b>3</b>	3	7.7	<b>2.2</b>	3	5.9	FSA	PM230	<b>6SL3211-1NE17-7UG1</b>	<b>6SL3211-1NE17-7AG1</b>
<b>7.5</b>	10	18	<b>5.5</b>	5	13.2	FSB		<b>6SL3211-1NE21-8UG1</b>	<b>6SL3211-1NE21-8AG1</b>
<b>18.5</b>	20	38	<b>15</b>	15	32	FSC		<b>6SL3211-1NE23-8UG1</b>	<b>6SL3211-1NE23-8AG1</b>

<sup>1)</sup> Rated power based on the rated output current  $I_{rated}$ . The rated output current  $I_{rated}$  is based on the duty cycle for low overload (LO).

<sup>2)</sup> The rated output current  $I_{rated}$  is based on the duty cycle for low overload (LO). These current values are valid for 400 V and are specified on the rating plate of the Power Module.

<sup>3)</sup> The base-load current  $I_H$  is based on the duty cycle for high overload (HO).

**SINAMICS G120P built-in and wall-mounted units**

PM230 Power Modules, 0.37 kW to 90 kW

**PM230 Power Modules****Selection and ordering data** (continued)**PM230 Power Modules degree of protection IP20 Standard variant**

Rated power <sup>1)</sup>		Rated output current $I_{rated}$ <sup>2)</sup> A	Power based on the base-load current <sup>3)</sup>		Base-load current $I_H$ <sup>3)</sup> A	Frame size	PM230 Power Module degree of protection IP20 Standard variant <u>without</u> integrated line filter	PM230 Power Module degree of protection IP20 Standard variant <u>with</u> integrated line filter class <u>A</u>
400 V kW	460 V hp		400 V kW	460 V hp				
<b>380 ... 480 V 3 AC</b>								
<b>0.37</b>	0.5	1.3	<b>0.25</b>	0.33	0.9	FSA	<b>6SL3210-1NE11-3UG1</b>	<b>6SL3210-1NE11-3AG1</b>
<b>0.55</b>	0.5	1.7	<b>0.37</b>	0.33	1.3	FSA	<b>6SL3210-1NE11-7UG1</b>	<b>6SL3210-1NE11-7AG1</b>
<b>0.75</b>	0.75	2.2	<b>0.55</b>	0.5	1.7	FSA	<b>6SL3210-1NE12-2UG1</b>	<b>6SL3210-1NE12-2AG1</b>
<b>1.1</b>	1	3.1	<b>0.75</b>	0.75	2.2	FSA	<b>6SL3210-1NE13-1UG1</b>	<b>6SL3210-1NE13-1AG1</b>
<b>1.5</b>	2	4.1	<b>1.1</b>	1	3.1	FSA	<b>6SL3210-1NE14-1UG1</b>	<b>6SL3210-1NE14-1AG1</b>
<b>2.2</b>	3	5.9	<b>1.5</b>	1.5	4.1	FSA	<b>6SL3210-1NE15-8UG1</b>	<b>6SL3210-1NE15-8AG1</b>
<b>3</b>	3	7.7	<b>2.2</b>	3	5.9	FSA	<b>6SL3210-1NE17-7UG1</b>	<b>6SL3210-1NE17-7AG1</b>
<b>4</b>	5	10.2	<b>3</b>	3	7.7	FSB	<b>6SL3210-1NE21-0UG1</b>	<b>6SL3210-1NE21-0AG1</b>
<b>5.5</b>	7.5	13.2	<b>4</b>	5	10.2	FSB	<b>6SL3210-1NE21-3UG1</b>	<b>6SL3210-1NE21-3AG1</b>
<b>7.5</b>	10	18	<b>5.5</b>	5	13.2	FSB	<b>6SL3210-1NE21-8UG1</b>	<b>6SL3210-1NE21-8AG1</b>
<b>11</b>	15	26	<b>7.5</b>	10	18	FSC	<b>6SL3210-1NE22-6UG1</b>	<b>6SL3210-1NE22-6AG1</b>
<b>15</b>	15	32	<b>11</b>	15	26	FSC	<b>6SL3210-1NE23-2UG1</b>	<b>6SL3210-1NE23-2AG1</b>
<b>18.5</b>	20	38	<b>15</b>	15	32	FSC	<b>6SL3210-1NE23-8UG1</b>	<b>6SL3210-1NE23-8AG1</b>
<b>22</b>	25	45	<b>18.5</b>	20	38	FSD	<b>6SL3210-1NE24-5UL0</b>	<b>6SL3210-1NE24-5AL0</b>
<b>30</b>	30	60	<b>22</b>	25	45	FSD	<b>6SL3210-1NE26-0UL0</b>	<b>6SL3210-1NE26-0AL0</b>
<b>37</b>	40	75	<b>30</b>	30	60	FSE	<b>6SL3210-1NE27-5UL0</b>	<b>6SL3210-1NE27-5AL0</b>
<b>45</b>	50	90	<b>37</b>	40	75	FSE	<b>6SL3210-1NE28-8UL0</b>	<b>6SL3210-1NE28-8AL0</b>
<b>55</b>	60	110	<b>45</b>	50	90	FSF	<b>6SL3210-1NE31-1UL0</b>	<b>6SL3210-1NE31-1AL0</b>
<b>75</b>	75	145	<b>55</b>	60	110	FSF	<b>6SL3210-1NE31-5UL0</b>	<b>6SL3210-1NE31-5AL0</b>

**PM230 Power Modules degree of protection IP20 Push Through variant**

Rated power <sup>1)</sup>		Rated output current $I_{rated}$ <sup>2)</sup> A	Power based on the base-load current <sup>3)</sup>		Base-load current $I_H$ <sup>3)</sup> A	Frame size	PM230 Power Module degree of protection IP20 Push Through variant <u>without</u> integrated line filter	PM230 Power Module degree of protection IP20 Push Through variant <u>with</u> integrated line filter class <u>A</u>
400 V kW	460 V hp		400 V kW	460 V hp				
<b>380 ... 480 V 3 AC</b>								
<b>3</b>	3	7.7	<b>2.2</b>	3	5.9	FSA	<b>6SL3211-1NE17-7UG1</b>	<b>6SL3211-1NE17-7AG1</b>
<b>7.5</b>	10	18	<b>5.5</b>	5	13.2	FSB	<b>6SL3211-1NE21-8UG1</b>	<b>6SL3211-1NE21-8AG1</b>
<b>18.5</b>	20	38	<b>15</b>	15	32	FSC	<b>6SL3211-1NE23-8UG1</b>	<b>6SL3211-1NE23-8AG1</b>

**Note:**

The power data in hp units are based on the NEC/CEC standards for the North American market.

<sup>1)</sup> Rated power based on the rated output current  $I_{rated}$ . The rated output current  $I_{rated}$  is based on the duty cycle for low overload (LO).  
<sup>2)</sup> The rated output current  $I_{rated}$  is based on the duty cycle for low overload (LO). These current values are valid for 400 V and are specified on the rating plate of the Power Module.

<sup>3)</sup> The base-load current  $I_H$  is based on the duty cycle for high overload (HO).

# SINAMICS G120P built-in and wall-mounted units

## PM230 Power Modules, 0.37 kW to 90 kW

PM230 Power Modules

### Technical specifications

#### General technical specifications

	PM230 Power Modules	
Degree of protection	IP55 (with IOP-2, BOP-2 or blanking cover)	IP20/UL Open Type (Standard or Push Through variants)
Power (low overload LO)	0.37 ... 90 kW	0.37 ... 75 kW
Rated output current (low overload LO)	1.3 ... 178 A	1.3 ... 145 A
Power (high overload HO)	0.25 ... 75 kW	0.25 ... 55 kW
Rated output current (high overload HO)	0.9 ... 145 A	0.9 ... 110 A
System operating voltage	380 ... 480 V ±10 % 3 AC	
Grid requirement	>100	
Short-circuit power $R_{SC}$		
Input frequency	47 ... 63 Hz	
Output frequency	<ul style="list-style-type: none"> <li>Control mode V/f: 0 ... 550 Hz</li> <li>Control type Vector: 0 ... 240 Hz</li> </ul>	
Pulse frequency	4 kHz for higher pulse frequencies up to 16 kHz, <a href="#">see derating data</a>	
Power factor $\lambda$	0.9	
Offset factor $\cos \varphi$	0.95	
Inverter efficiency	≤97 %	
Output voltage, max. as % of input voltage	95 %	
Overload capability	<ul style="list-style-type: none"> <li>Low overload (LO) <ul style="list-style-type: none"> <li>Frame sizes FSA to FSC: <b>Note:</b> When the overload capability is used, the base-load current <math>I_L</math> is not reduced. 1.5 × base-load current <math>I_L</math> (i. e. 150 % overload) for 3 s <b>plus</b> 1.1 × base-load current <math>I_L</math> (i. e. 110 % overload) for 57 s within a cycle time of 300 s</li> <li>Frame sizes FSD to FSF: 1.1 × base-load current <math>I_L</math> (i. e. 110 % overload) for 60 s within a cycle time of 300 s</li> </ul> </li> <li>High overload (HO) <ul style="list-style-type: none"> <li>Frame sizes FSA to FSC: <b>Note:</b> When the overload capability is used, the base-load current <math>I_H</math> is not reduced. 2 × base-load current <math>I_H</math> (i. e. 200 % overload) for 3 s <b>plus</b> 1.5 × base-load current <math>I_H</math> (i. e. 150 % overload) for 57 s within a cycle time of 300 s</li> <li>Frame sizes FSD to FSF: 1.5 × base-load current <math>I_H</math> (i. e. 150 % overload) for 60 s within a cycle time of 300 s</li> </ul> </li> </ul>	
Electromagnetic compatibility	<ul style="list-style-type: none"> <li>Devices with line filter class A for applications according to Categories C3 and C2</li> <li>Devices with line filter class B for applications according to Category C2 and compliance with conducted interference requirements of Category C1</li> </ul>	<ul style="list-style-type: none"> <li>Devices without line filter</li> <li>Devices with line filter class A for applications according to Categories C3 and C2</li> <li>Devices with line filter class B for applications according to Category C2 and compliance with conducted interference requirements of Category C1</li> </ul>
Possible braking methods	DC braking	
Operating temperature	<ul style="list-style-type: none"> <li>Low overload (LO) <ul style="list-style-type: none"> <li>Frame sizes FSA to FSC: -10 ... +40 °C (14 ... 104 °F) without derating</li> <li>Frame sizes FSD to FSF: 0 ... 40 °C (32 ... 104 °F) without derating</li> <li>&gt;40 ... 60 °C (104 ... 140 °F) <a href="#">see derating characteristics</a></li> </ul> </li> <li>High overload (HO) <ul style="list-style-type: none"> <li>Frame sizes FSA to FSC: -10 ... +50 °C (14 ... 122 °F) without derating</li> <li>Frame sizes FSD to FSF: 0 ... 50 °C (32 ... 122 °F) without derating</li> <li>&gt;50 ... 60 °C (122 ... 140 °F) <a href="#">see derating characteristics</a></li> </ul> </li> </ul>	
Relative humidity	<95 %, condensation not permissible	
Storage temperature	-40 ... +70 °C (-40 ... +158 °F)	
Cooling	Power units with increased air cooling using integrated fans	
Installation altitude	Up to 1000 m (3281 ft) above sea level without derating, > 1000 m (3281 ft) <a href="#">see derating characteristics</a>	
Protection functions	<ul style="list-style-type: none"> <li>Undervoltage</li> <li>Overvoltage</li> <li>Overcurrent/overload</li> <li>Overtemperature</li> <li>Ground fault</li> <li>Short-circuit</li> <li>Stall protection</li> <li>Motor blocking protection</li> <li>Motor overtemperature</li> <li>Inverter overtemperature</li> <li>Parameter locking</li> </ul>	
Rated short-circuit current $SCCR$ (Short-Circuit Current Rating) <sup>1)</sup>	Frame sizes FSA to FSC: 40 kA	65 kA
Compliance with standards	UL, cUL <sup>2)</sup> , CE, RCM, SEMI F47	
CE marking	According to Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU	

<sup>1)</sup> Applies to industrial control panel installations acc. to NEC Article 409 or UL 508A/508C.

<sup>2)</sup> Applies to PM230 Power Modules, frame sizes FSA to FSC.

# SINAMICS G120P built-in and wall-mounted units

PM230 Power Modules, 0.37 kW to 90 kW

## PM230 Power Modules

### Technical specifications (continued)

#### PM230 Power Modules degree of protection IP20 standard variant

Line voltage 380 ... 480 V 3 AC		PM230 Power Modules degree of protection IP20 standard variant				
Without integrated line filter		6SL3210-1NE11-3UG1	6SL3210-1NE11-7UG1	6SL3210-1NE12-2UG1	6SL3210-1NE13-1UG1	6SL3210-1NE14-1UG1
With integrated line filter class A		6SL3210-1NE11-3AG1	6SL3210-1NE11-7AG1	6SL3210-1NE12-2AG1	6SL3210-1NE13-1AG1	6SL3210-1NE14-1AG1
<b>Output current</b> at 50 Hz 400 V 3 AC						
• Rated current $I_{rated}^{1)}$	A	1.3	1.7	2.2	3.1	4.1
• Base-load current $I_L^{1)}$	A	1.3	1.7	2.2	3.1	4.1
• Base-load current $I_H^{2)}$	A	0.9	1.3	1.7	2.2	3.1
• Maximum current $I_{max}$	A	2	2.6	3.4	4.7	6.2
<b>Rated power</b>						
• Based on $I_L$	kW	0.37	0.55	0.75	1.1	1.5
• Based on $I_H$	kW	0.25	0.37	0.55	0.75	1.1
<b>Rated pulse frequency</b>	kHz	4	4	4	4	4
<b>Efficiency <math>\eta</math></b>	%	89	93	93	94	95
<b>Power loss <sup>3)</sup></b> at rated current	kW	0.031	0.034	0.041	0.049	0.06
<b>Cooling air requirement</b>	m <sup>3</sup> /s (ft <sup>3</sup> /s)	0.002 (0.1)	0.002 (0.1)	0.005 (0.2)	0.005 (0.2)	0.005 (0.2)
<b>Sound pressure level</b> $L_{pA}$ (1 m)	dB	<50	<50	<50	<50	<50
<b>24 V DC power supply</b> for Control Unit	A	1	1	1	1	1
<b>Input current <sup>4)</sup></b>						
• Rated current	A	1.3	1.8	2.3	3.2	4.2
• Based on $I_H$	A	0.9	1.3	1.8	2.3	3.2
<b>Line supply connection</b> U1/L1, V1/L2, W1/L3						
• Conductor cross-section	mm <sup>2</sup>	1 ... 2.5	1 ... 2.5	1 ... 2.5	1 ... 2.5	1 ... 2.5
<b>Motor connection</b> U2, V2, W2						
• Conductor cross-section	mm <sup>2</sup>	1 ... 2.5	1 ... 2.5	1 ... 2.5	1 ... 2.5	1 ... 2.5
<b>Motor cable length, max. <sup>5)</sup></b>						
• Shielded	m (ft)	25 (82)	25 (82)	25 (82)	25 (82)	25 (82)
• Unshielded	m (ft)	100 (328)	100 (328)	100 (328)	100 (328)	100 (328)
<b>Degree of protection</b>						
		IP20	IP20	IP20	IP20	IP20
<b>Dimensions</b>						
• Width	mm (in)	73 (2.87)	73 (2.87)	73 (2.87)	73 (2.87)	73 (2.87)
• Height	mm (in)	196 (7.72)	196 (7.72)	196 (7.72)	196 (7.72)	196 (7.72)
• Depth						
- Without operator panel	mm (in)	165 (6.50)	165 (6.50)	165 (6.50)	165 (6.50)	165 (6.50)
- With operator panel, max.	mm (in)	245 (9.65)	245 (9.65)	245 (9.65)	245 (9.65)	245 (9.65)
<b>Frame size</b>						
		FSA	FSA	FSA	FSA	FSA
<b>Weight, approx.</b>						
• Without integrated line filter	kg (lb)	1.4 (3.09)	1.4 (3.09)	1.4 (3.09)	1.4 (3.09)	1.4 (3.09)
• With integrated line filter	kg (lb)	1.6 (3.53)	1.6 (3.53)	1.6 (3.53)	1.6 (3.53)	1.6 (3.53)

<sup>1)</sup> The rated output current  $I_{rated}$  and the base-load current  $I_L$  are based on the duty cycle for low overload (LO).

<sup>2)</sup> The base-load current  $I_H$  is based on the duty cycle for high overload (HO).

<sup>3)</sup> Typical values. You can find more information on the Internet at <https://support.industry.siemens.com/cs/document/94059311>

<sup>4)</sup> The input current depends on the motor load and line impedance and applies for a line impedance corresponding to  $u_K = 1\%$ . The rated input currents apply for a load at rated power (based on  $I_{rated}$ ) – these current values are specified on the rating plate.

<sup>5)</sup> Max. motor cable length 25 m (82 ft) (shielded) for PM230 Power Modules with integrated line filter to maintain the limit values acc. to EN 61800-3 Category C2. With unshielded cables, Category C2 is not achieved.

## SINAMICS G120P built-in and wall-mounted units

PM230 Power Modules, 0.37 kW to 90 kW

### Line filter

#### Technical specifications

Line voltage 380 ... 480 V 3 AC		Line filter class B					
		6SL3203-0BE17-7BA0	6SL3203-0BE21-8BA0	6SL3203-0BE23-8BA0	6SL3203-0BE27-5BA0	6SL3203-0BE31-1BA0	6SL3203-0BE31-8BA0
<b>Rated current</b>	A	11.4	23.5	49.4	72	105	204
<b>Pulse frequency</b>	kHz	4 ... 16	4 ... 16	4 ... 16	4 ... 16	4 ... 16	4 ... 8
<b>Line supply connection</b> L1, L2, L3		Screw-type terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals	Screw-type terminals
• Conductor cross-section	mm <sup>2</sup>	1 ... 2.5	2.5 ... 6	6 ... 16	16 ... 50	16 ... 50	35 ... 150
<b>Load connection</b> U, V, W		Shielded cable	Shielded cable	Shielded cable	Shielded cable	Shielded cable	Shielded cable
• Cable cross-section	mm <sup>2</sup>	1.5	4	10	16	35	50
• Length	m (ft)	0.45 (1.48)	0.5 (1.64)	0.54 (1.77)	1 (3.28)	1 (3.28)	1.1 (3.61)
<b>PE connection</b>		On housing via M5 screw stud	On housing via M5 screw stud	On housing via M6 screw studs	On housing via M6 screw studs	On housing via M8 screw studs	On housing via M10 screw studs
• Conductor cross-section	mm <sup>2</sup>	1 ... 2.5	2.5 ... 6	6 ... 16	16 ... 50	35 ... 50	50 ... 150
<b>Degree of protection</b>		IP20	IP20	IP20	IP20	IP20	IP20
<b>Dimensions</b>							
• Width	mm (in)	73 (2.87)	100 (3.94)	140 (5.51)	100 (3.94)	110 (4.33)	150 (5.91)
• Height	mm (in)	202 (7.95)	297 (11.7)	359 (14.1)	400 (15.7)	480 (18.9)	517
• Depth	mm (in)	65 (2.56)	85 (3.35)	95 (3.74)	140 (5.51)	140 (5.51)	230 (9.06)
<b>Possible as base component</b>		Yes	Yes	Yes	No	No	No
<b>Weight, approx.</b>	kg (lb)	1.75 (3.86)	4 (8.82)	7.3 (16.1)	7.6 (16.8)	11.9 (26.2)	21.7 (47.8)
<b>Suitable for PM230 Power Module degree of protection IP20 standard variant</b>	Type	6SL3210-1NE11-3UG1 6SL3210-1NE11-7UG1 6SL3210-1NE12-2UG1 6SL3210-1NE13-1UG1 6SL3210-1NE14-1UG1 6SL3210-1NE15-8UG1 6SL3210-1NE17-7UG1	6SL3210-1NE21-0UG1 6SL3210-1NE21-3UG1 6SL3210-1NE21-8UG1	6SL3210-1NE22-6UG1 6SL3210-1NE23-2UG1 6SL3210-1NE23-8UG1	6SL3210-1NE24-5UL0 6SL3210-1NE26-0UL0	6SL3210-1NE27-5UL0 6SL3210-1NE28-8UL0	6SL3210-1NE31-1UL0 6SL3210-1NE31-5UL0
<b>Suitable for PM230 Power Module degree of protection IP20 Push Through variant (lateral mounting only)</b>	Type	6SL3211-1NE17-7UG1	6SL3211-1NE21-8UG1	6SL3211-1NE23-8UG1	–	–	–
• Frame size		FSA	FSB	FSC	FSD	FSE	FSF