

SIEMENS

Ingenuity for life



NEW PM240-2 push-through heat sink power modules

Adding flexibility to the SINAMICS G120 drive product family

The new PM240-2 push-through (PT) heat sink power modules extend the range and mounting flexibility of the SINAMICS G120 drives.

Available in power ranges from 1–200 hp, and from voltages from 230–690V, this very compact and narrow design allows for heat sinks to be pushed-through either the rear or side of the control enclosure resulting in a much smaller overall cabinet design.

Each power module has the same functionality as the well-established PM240-2 power modules and is 100% compatible with all SINAMICS G120 control units (CUs) and accessories.

Highlights of the push-through power modules

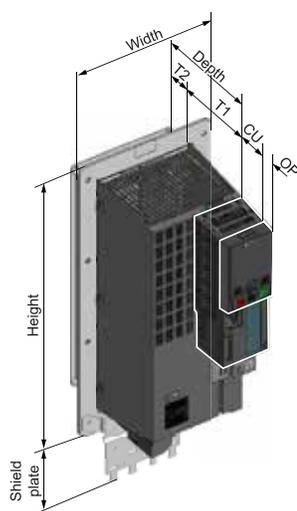
- Six frame sizes with broad voltage and hp ratings
- Narrow design allows for extending the heat sinks even out the side of an enclosure
- Provides for very compact enclosure design where cabinet space must be kept to a minimum
- Provides an economical solution for environments where NEMA 12 and 3R cabinets are necessary
- Optional mounting brackets and mounting handles are available
- Offers users the same functional specification as the standard PM240-2 power modules
- Fully compatible with all SINAMICS G120 control units, programming devices and accessories

PM240-2 push-through (PT) heat sink power modules for SINAMICS G120 drives

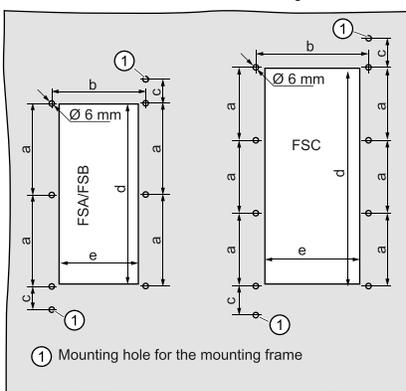
Voltage	Part number		Frame size	Rated Power (LO)		Output Current		Weight
	Unfiltered	Filtered		kW	hp	LO	HO	kg (lbs.)
200–240V (+/- 10%) (1/3-phase input)	6SL3211-1PB13-8UL0	6SL3211-1PB13-8AL0	A	0.75	1	4.2	3.2	1.8 (4)
	6SL3211-1PB21-0UL0	6SL3211-1PB21-0AL0	B	2.2	3	10.4	7.4	3.4 (8)
200–240V (+/- 10%) (3-phase input)	6SL3211-1PB21-8UL0	6SL3211-1PB21-8AL0	C	4	5	17.5	13.6	5.9 (13)
	6SL3211-1PC22-2UL0	6SL3211-1PC22-2AL0	C	5.5	7.5	22	17.5	5.9 (13)
	6SL3211-1PC22-8UL0	6SL3211-1PC22-8AL0	C	7.5	10	28	22	5.9 (13)
	6SL3211-1PC26-8UL0	N/A	D	18.5	25	68	54	20 (44)
	6SL3211-1PC31-1UL0	N/A	E	30	40	104	80	31 (68)
	6SL3211-1PC31-8UL0	N/A	F	55	75	178	154	64 (141)
400–480V (+/- 10%) (3-phase input)	6SL3211-1PE18-0UL1	6SL3211-1PE18-0AL1	A	3	4	7.7	5.9	1.8 (4)
	6SL3211-1PE21-8UL0	6SL3211-1PE21-8AL0	B	7.5	10	18	13.2	3.4 (8)
	6SL3211-1PE23-3UL0	6SL3211-1PE23-3AL0	C	15	20	32	26	5.9 (13)
	6SL3211-1PE27-5UL0	6SL3211-1PE27-5AL0	D	37	50	75	60	20 (44)
	6SL3211-1PE31-1UL0	6SL3211-1PE31-1AL0	E	55	75	110	90	31 (68)
	6SL3211-1PE32-5UL0	6SL3211-1PE32-5AL0	F	132	200	250	205	64 (141)

	Part number	Description
Accessories	6SL3260-6AA00-0DA0	PT-FSA mounting frame (ordered seperately)
	6SL3260-6AB00-0DA0	PT-FSB mounting frame (ordered seperately)
	6SL3260-6AC00-0DA0	PT-FSC mounting frame (ordered seperately)
	6SL3200-0SM17-0AA0	PT-FSD mounting frame (ordered seperately)
	6SL3200-0SM18-0AA0	PT-FSE mounting frame (ordered seperately)
	6SL3200-0SM20-0AA0	PT-FSF mounting frame (ordered seperately)
	6SL3200-0SM22-0AA0	PT handles (for frames DEF only) (set of 2)
	6SL3200-0SF25-0AA0	PT-FSD fan kit
	6SL3200-0SF27-0AA0	PT-FSE fan kit
	6SL3200-0SF28-0AA0	PT-FSF fan kit

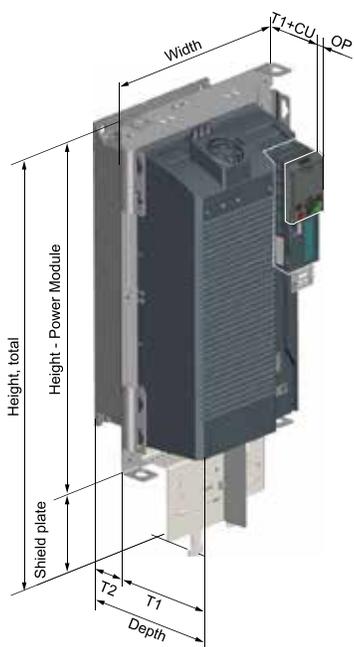
*see the SINAMICS G120 family brochure and the PM240-2 Hardware Instruction Manual for additional product specifications.



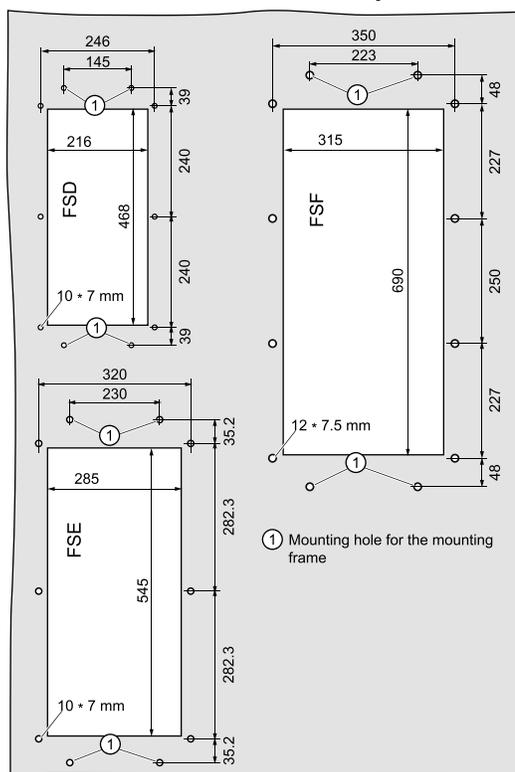
Wall thickness of the control cabinet ≤3.5 mm
Electrical cabinet cutout and mounting holes



Dimension drawing and drilling dimensions for frame size FSA... FSC



Wall thickness of the control cabinet ≤3.5 mm
Cutouts of the control cabinet and mounting holes



Dimension drawing and drilling dimensions for frame size FSD... FSF

Frame size	Width mm (in.)	Height mm (in.)			Overall depth in the cabinet mm (in.)					
		without shield plate	with shield plate	T1	With CU230P-2		With CU240E-2		With CU250S-2	
					Without OP	With OP ¹⁾	Without OP	With OP ¹⁾	Without OP	With OP ¹⁾
FSA	126 (5.0)	238 (9.4)	322 (12.7)	118 (4.6)	177 (7.0)	188 (7.4)	159 (6.3)	170 (6.7)	180 (7.1)	191 (7.5)
FSB	154 (6.1)	345 (13.6)	430 (16.9)	118 (4.6)	177 (7.0)	188 (7.4)	159 (6.3)	170 (6.7)	180 (7.1)	191 (7.5)
FSC	200 (7.9)	411 (16.2)	500 (19.7)	118 (4.6)	177 (7.0)	188 (7.4)	159 (6.3)	170 (6.7)	180 (7.1)	191 (7.5)
FSD	275 (10.9)	517 (20.4)	650 (25.6)	141 (5.6)	155 (6.1)	166 (6.5)	141 (5.6)	148 (5.8)	158 (6.2)	169 (6.7)
FSE	354 (13.9)	615 (24.2)	772 (30.4)	141 (5.6)	155 (6.1)	166 (6.5)	141 (5.6)	148 (5.8)	158 (6.2)	169 (6.7)
FSF	384 (15.1)	785 (30.9)	1021 (40.2)	177.5 (7.0)	193 (7.6)	204 (8.0)	177.5 (7.0)	186 (7.3)	196 (7.7)	207 (8.1)

¹⁾With blanking cover or with HMI device BOP-2 or IOP-2

**Published by
Siemens Industry, Inc.**

5300 Triangle Parkway, Suite 100
Norcross, GA 30092

(770) 871-3800

Order No. DRBR-G12PT-0917

Printed in USA

© 2017 Siemens Industry, Inc.

usa.siemens.com/motioncontrol

This brochure contains only general descriptions or performance features, which do not always apply in the manner described in concrete application situations or may change as the products undergo further development. Performance features are valid only if they are formally agreed upon when the contract is closed.

Siemens is a registered trademark of Siemens AG. Product names mentioned may be trademarks or registered trademarks of their respective companies. Specifications are subject to change without notice.