

# Confiança ao seu alcance

A soma perfeita entre eficiência e tecnologia

## SIEMENS

Engenhosidade para a vida

### Conversores de frequência

#### Conversão MICROMASTER para SINAMICS



Tensão	Baixa sobrecarga		Alta sobrecarga		MICROMASTER 420	SINAMICS V20	SINAMICS G120C <sup>1</sup>	MICROMASTER 440	SINAMICS G120C <sup>1</sup>	SINAMICS G120 <sup>1</sup>	
	Potência	Corrente	Potência	Corrente						PM240-2	CU240E-2
200-240V	0,25kW	1,0A	0,12kW	0,9A	6SE6420-2C11-2AA1	6SL3210-5BB11-2V1	- <sup>3</sup>	6SE6440-2C11-2AA1	- <sup>3</sup>	6SL3210-1PB13-0L0	Selecione conforme comunicação desejada: USS, Modbus RTU: 6SL3244-0BB12-1BA1 ou Profibus DP: 6SL3244-0BB12-1PA1 ou Profinet/ EtherNet IP: 6SL3244-0BB12-1FA0
200-240V	0,37kW	1,9A	0,25kW	1,7A	6SE6420-2C12-5AA1	6SL3210-5BB12-5V1	- <sup>3</sup>	6SE6440-2C12-5AA1	- <sup>3</sup>	6SL3210-1PB13-0L0	
200-240V	0,55kW	2,4A	0,37kW	2,3A	6SE6420-2C13-7AA1	6SL3210-5BB13-7V1	- <sup>3</sup>	6SE6440-2C13-7AA1	- <sup>3</sup>	6SL3210-1PB13-0L0	
200-240V	0,75kW	3,3A	0,55kW	3A	6SE6420-2C15-5AA1	6SL3210-5BB15-5V1	- <sup>3</sup>	6SE6440-2C15-5AA1	- <sup>3</sup>	6SL3210-1PB13-8L0	
200-240V	1,1kW	4,3A	0,75kW	3,9A	6SE6420-2C17-5AA1	6SL3210-5BB17-5V1	- <sup>3</sup>	6SE6440-2C17-5AA1	- <sup>3</sup>	6SL3210-1PB15-5L0	
200-240V	1,5kW	6,0A	1,1kW	5,5A	6SE6420-2C21-1BA1	6SL3210-5BB21-1V0	- <sup>3</sup>	6SE6440-2C21-1BA1	- <sup>3</sup>	6SL3210-1PB17-4L0	
200-240V	2,2kW	8,1A	1,5kW	7,4A	6SE6420-2C21-5BA1	6SL3210-5BB21-5V0	- <sup>3</sup>	6SE6440-2C21-5BA1	- <sup>3</sup>	6SL3210-1PB21-0L0	
200-240V	3kW	11,4A	2,2kW	10,4A	6SE6420-2C22-2BA1	6SL3210-5BB22-2V0	- <sup>3</sup>	6SE6440-2C22-2BA1	- <sup>3</sup>	6SL3210-1PB21-4L0	
200-240V	4kW	14,9A	3kW	13,6A	6SE6420-2C23-0CA1	6SL3210-5BB23-0V0	- <sup>3</sup>	6SE6440-2C23-0CA1	- <sup>3</sup>	6SL3210-1PB21-8L0	
200-240V	5,5kW	22A	4kW	17,5A	6SE6420-2C24-0CA1	-	- <sup>3</sup>	6SE6440-2C24-0CA1	- <sup>3</sup>	6SL3210-1PC22-2L0	
200-240V	7,5kW	28A	5,5kW	22A	6SE6420-2C25-5CA1	-	- <sup>3</sup>	6SE6440-2C25-5CA1	- <sup>3</sup>	6SL3210-1PC22-8L0	
200-240V	11kW	42A	7,5kW	28A	-	-	-	6SE6440-2UC27-5DA1	-	6SL3210-1PC24-2UL0	
200-240V	15kW	54A	11kW	42A	-	-	-	6SE6440-2UC31-1DA1	-	6SL3210-1PC25-4UL0	
200-240V	18,5kW	68A	15kW	54A	-	-	-	6SE6440-2UC31-5DA1	-	6SL3210-1PC26-8UL0	
200-240V	22kW	80A	18,5kW	68A	-	-	-	6SE6440-2UC31-8EA1	-	6SL3210-1PC28-0UL0	
200-240V	30kW	104A	22kW	80A	-	-	-	6SE6440-2UC32-2EA1	-	6SL3210-1PC31-1UL0	
200-240V	37kW	130A	30kW	104A	-	-	-	6SE6440-2UC33-0FA1	-	6SL3210-1PC31-3UL0	
200-240V	45kW	154A	37kW	130A	-	-	-	6SE6440-2UC33-7FA1	-	6SL3210-1PC31-6UL0	
200-240V	55kW	178A	45kW	154A	-	-	-	6SE6440-2UC34-5FA1	-	6SL3210-1PC31-8UL0	
380-440V	0,55kW	1,4A	0,37kW	1,3A	6SE6420-2UD13-7AA1	6SL3210-5BE13-7V0	6SL3210-1KE11-8A2	6SE6440-2UD13-7AA1	6SL3210-1KE11-8A2	6SL3210-1PE11-8L1	
380-440V	0,75kW	1,9A	0,55kW	1,7A	6SE6420-2UD15-5AA1	6SL3210-5BE15-5V0	6SL3210-1KE12-3A2	6SE6440-2UD15-5AA1	6SL3210-1KE12-3A2	6SL3210-1PE12-3L1	
380-440V	1,1kW	2,4A	0,75kW	2,2A	6SE6420-2UD17-5AA1	6SL3210-5BE17-5V0	6SL3210-1KE13-2A2	6SE6440-2UD17-5AA1	6SL3210-1KE13-2A2	6SL3210-1PE13-2L1	
380-440V	1,5kW	3,4A	1,1kW	3,1A	6SE6420-2UD21-1AA1	6SL3210-5BE21-1V0	6SL3210-1KE14-3A2	6SE6440-2UD21-1AA1	6SL3210-1KE14-3A2	6SL3210-1PE14-3L1	
380-440V	2,2kW	4,5A	1,5kW	4,1A	6SE6420-2UD21-5AA1	6SL3210-5BE21-5V0	6SL3210-1KE15-8A2	6SE6440-2UD21-5AA1	6SL3210-1KE15-8A2	6SL3210-1PE16-1L1	
380-440V	3kW	6,5A	2,2kW	5,9A	6SE6420-2UD22-2BA1	6SL3210-5BE22-2V0	6SL3210-1KE17-5A1	6SE6440-2UD22-2BA1	6SL3210-1KE17-5A1	6SL3210-1PE18-0L1	
380-440V	4kW	8,4A	3kW	7,7A	6SE6420-2UD23-0BA1	6SL3210-5BE23-0V0	6SL3210-1KE18-8A1	6SE6440-2UD23-0BA1	6SL3210-1KE18-8A1	6SL3210-1PE21-1L0	
380-440V	5,5kW	11,2A	4kW	10,2A	6SE6420-2UD24-0BA1	6SL3210-5BE24-0V0	6SL3210-1KE21-3A1	6SE6440-2UD24-0BA1	6SL3210-1KE21-3A1	6SL3210-1PE21-4L0	
380-440V	7,5kW	19A	5,5kW	13,2A	6SE6420-2UD25-5CA1	6SL3210-5BE25-5V0	6SL3210-1KE21-7A1	6SE6440-2UD25-5CA1	6SL3210-1KE21-7A1	6SL3210-1PE21-8L0	
380-440V	11kW	26A	7,5kW	19A	6SE6420-2UD27-5CA1	6SL3210-5BE27-5V0	6SL3210-1KE22-6A1	6SE6440-2UD27-5CA1	6SL3210-1KE22-6A1	6SL3210-1PE22-7L0	
380-440V	15kW	32A	11kW	26A	6SE6420-2UD31-1CA1	6SL3210-5BE31-1V0	6SL3210-1KE23-2A1	6SE6440-2UD31-1CA1	6SL3210-1KE23-2A1	6SL3210-1PE23-3L0	
380-440V	18,5kW	38A	15kW	32A	-	-	-	6SE6440-2UD31-5DA1	-	6SL3210-1PE23-8L0	
380-440V	22kW	45A	18,5kW	38A	-	-	-	6SE6440-2UD31-8DA1	-	6SL3210-1PE24-5L0	
380-440V	30kW	62A	22kW	45A	-	-	-	6SE6440-2UD32-2DA1	-	6SL3210-1PE26-0L0	
380-440V	37kW	75A	30kW	62A	-	-	-	6SE6440-2UD33-0EA1	-	6SL3210-1PE27-5L0	
380-440V	45kW	90A	37kW	75A	-	-	-	6SE6440-2UD33-7EA1	-	6SL3210-1PE28-8L0	
380-440V	55kW	110A	45kW	90A	-	-	-	6SE6440-2UD34-5FA1	-	6SL3210-1PE31-1L0	
380-440V	75kW	145A	55kW	110A	-	-	-	6SE6440-2UD35-5FA1	-	6SL3210-1PE31-5L0	
380-440V	90kW	178A	75kW	145A	-	-	-	6SE6440-2UD37-5FA1	-	6SL3210-1PE31-8L0	
380-440V	110kW	205A	90kW	178A	-	-	-	6SE6440-2UD38-8FA1	-	6SL3210-1PE32-1L0	
380-440V	132kW	250A	110kW	205A	-	-	-	6SE6440-2UD41-1FA1	-	6SL3210-1PE32-5L0	
380-440V	160kW	302A	132kW	250A	-	-	-	6SE6440-2UD41-3GA1	-	6SL3224-0XE41-3UA0	
380-440V	200kW	370A	160kW	302A	-	-	-	6SE6440-2UD41-6GA1	-	6SL3224-0XE41-6UA0	
380-440V	250kW	477A	200kW	370A	-	-	-	6SE6440-2UD42-0GA1	-	6SL3224-0XE42-0UA0	

■	Seleção para Filtro integrado:
U	Sem filtro integrado
A	Com filtro Classe A/C2 integrado
B	Com filtro Classe B/C1 integrado (disponível somente para V20-220V até 0,75kW)

▲	Comunicação integrada:
B	USS / Modbus RTU
P	Profibus DP
F	Profinet / Ethernet IP

1	Esses drives não contém IHM integrado, e devem ser adquiridos separadamente: BOP-2: 6SL3255-0AA00-4CA1 e IOP: 6SL3255-0AA00-4JA1
2	O G120 completo deve conter obrigatoriamente um módulo de potência (ex. PM240-2) + unidade de controle (ex. CU240E-2)
3	Pode-se utilizar o G120: PM240-2 da tabela referente ao MM440 e CU240B-2: USS/Modbus RTU: 6SL3244-0BB00-1BA1 e Profibus DP: 6SL3244-0BB00-1PA1