SIMOVERT MASTERDRIVES Motion Control Selection and ordering data





Electronics options · Board/slot preconfiguration 1)

	gnation		Order No.	Code ⁶)	Weight, approx. kg	Dimensions WxHxD mmxmmxmm
Enco	der boards (An en	coder board must alwa	vs be ordered. Exception	on: V/fcontrol)		
BP	Incremental-encoder		, o no or doroun Excoput	, , ,		
	Spare part ²)		6SE7090-0XX84-0FA0		0.3	20 x 90 x 95
	Retrofit kit ³)		6SX7010-0FA00			
	Plugged into slot A ⁴)		00X7010 01 A00	C11		
	Plugged into slot B ⁴)	(only for Compact PLUS!	1	C12		
	Plugged into slot C ⁴)	(motor encoder)	1	C12		
	Plugged into slot D ⁴)			C14		
	Plugged into slot E ⁴)	(only for compact and chassis units)		C14 C15		
	Plugged into slot E ⁴)	-				
		_		C16		
DD 4	Plugged into slot G ⁴)	24	1 1 1	C17		
BKI		vithout incremental-encoder			0.0	00 00 05
	Spare part ²)		6SE7090-0XX84-0FB0		0.3	20 x 90 x 95
	Retrofit kit ³)		6SX7010-0FB00			
	Plugged into slot C ⁴)			C23		
BR 2		vith incremental-encoder sim				
	Spare part ²)		6SE7090-0XX84-0FC0		0.3	20 x 90 x 95
	Retrofit kit ³)		6SX7010-0FC00			
	Plugged into slot C4)			C33		
BM	Absolute-value encod	er evaluation/incremental-er	ncoder evaluation (only as sp	are part for existing system	ms)	
	Spare part ²)		6SE7090-0XX84-0FD0		0.3	20 x 90 x 95
BM2	Absolute-value encod	er evaluation/incremental-er	ncoder evaluation (MC Firmv	vare versions ≥ 1.3)		
	Spare part ²)		6SE7090-0XX84-0FE0		0.3	20 x 90 x 95
	Retrofit kit ³)		6SX7010-0FE00			
	Plugged into slot C4) (motor encoder)		C43		
	Plugged into slots A, E	B, D, E, F, G ⁴) (machine enco	der)	C41/C42/C44 C47		
_						
•	nsion boards					
B1	Expansion board				0.0	00 00 05
	Spare part ²)		6SE7090-0XX84-0KB0		0.3	20 x 90 x 95
	Retrofit kit ³)		6SX7010-0KB00			
	Plugged into slots A to	o G ⁴)		G61 G67		
:B2	Expansion board					
B2	Expansion board Spare part ²)		6SE7090-0XX84-0KC0		0.3	20 x 90 x 95
:B2	-		6SE7090-0XX84-0KC0 6SX7010-0KC00		0.3	20 x 90 x 95
B2	Spare part²)	o G		G71 G77	0.3	20 x 90 x 95
	Spare part ²) Retrofit kit ³) Plugged into slots A to		6SX7010-0KC00	G71 G77	0.3	20×90×95
Drive	Spare part ²) Retrofit kit ³) Plugged into slots A to	o G ata exchange via fiber-c	6SX7010-0KC00	G71 G77	0.3	20×90×95
	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid do for SIMOLINK		6SX7010-0KC00 optic cable)	G71 G77		
Drive	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid do for SIMOLINK Spare part ²)		6SX7010-0KC00 pptic cable) 6SE7090-0XX84-0FJ0	G71 G77	0.3	20×90×95 20×90×95
Drive	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid di for SIMOLINK Spare part ²) Retrofit kit ³) ⁵)	ata exchange via fiber-o	6SX7010-0KC00 optic cable)			
Drive	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid do for SIMOLINK Spare part ²)	ata exchange via fiber-o	6SX7010-0KC00 pptic cable) 6SE7090-0XX84-0FJ0	G71 G77		
Drive SLB	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid di for SIMOLINK Spare part ²) Retrofit kit ³) ⁵) Plugged into slots A to	ata exchange via fiber-c	6SX7010-0KC00 pptic cable) 6SE7090-0XX84-0FJ0			
Drive LB Com	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid di for SIMOLINK Spare part ²) Retrofit kit ³) ⁵)	ata exchange via fiber-c	6SX7010-0KC00 pptic cable) 6SE7090-0XX84-0FJ0			
Drive SLB Com	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid di for SIMOLINK Spare part ²) Retrofit kit ³) ⁵) Plugged into slots A to munications board for PROFIBUS-DP	ata exchange via fiber-c	6SX7010-0KC00 ptic cable) 6SE7090-0XX84-0FJ0 6SX7010-0FJ00		0.3	20×90×95
Drive SLB Com	Spare part2) Retrofit kit3) Plugged into slots A to e coupling (rapid do for SIMOLINK Spare part2) Retrofit kit3)5) Plugged into slots A to munications board for PROFIBUS-DP Spare part2)	ata exchange via fiber-c	6SX7010-0KC00 ptic cable) 6SE7090-0XX84-0FJ0 6SX7010-0FJ00 6SE7090-0XX84-0FF5			
Drive SLB Com	Spare part2) Retrofit kit3) Plugged into slots A to e coupling (rapid do for SIMOLINK Spare part2) Retrofit kit3)5) Plugged into slots A to munications board for PROFIBUS-DP Spare part2) Retrofit kit3)	ata exchange via fiber-o o G ⁴⁾⁵⁾ ds	6SX7010-0KC00 ptic cable) 6SE7090-0XX84-0FJ0 6SX7010-0FJ00	G41 G47	0.3	20×90×95
Drive SLB Com CBP2	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid do for SIMOLINK Spare part ²) Retrofit kit ³) ⁵) Plugged into slots A to emunications board for PROFIBUS-DP Spare part ²) Retrofit kit ³) Plugged into slots A, E	ata exchange via fiber-o o G ⁴⁾⁵⁾ ds	6SX7010-0KC00 ptic cable) 6SE7090-0XX84-0FJ0 6SX7010-0FJ00 6SE7090-0XX84-0FF5		0.3	20×90×95
Drive SLB Com CBP2	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid do for SIMOLINK Spare part ²) Retrofit kit ³) ⁵) Plugged into slots A to emunications board for PROFIBUS-DP Spare part ²) Retrofit kit ³) Plugged into slots A, E for CAN	ata exchange via fiber-o o G ⁴⁾⁵⁾ ds	6SX7010-0KC00 pptic cable) 6SE7090-0XX84-0FJ0 6SX7010-0FJ00 6SE7090-0XX84-0FF5 6SX7010-0FF05	G41 G47	0.3	20 x 90 x 95 20 x 90 x 95
Drive SLB Com CBP2	Spare part ²) Retrofit kit ³) Plugged into slots A to e coupling (rapid do for SIMOLINK Spare part ²) Retrofit kit ³) ⁵) Plugged into slots A to emunications board for PROFIBUS-DP Spare part ²) Retrofit kit ³) Plugged into slots A, E	ata exchange via fiber-o o G ⁴⁾⁵⁾ ds	6SX7010-0KC00 ptic cable) 6SE7090-0XX84-0FJ0 6SX7010-0FJ00 6SE7090-0XX84-0FF5	G41 G47	0.3	20×90×95

¹⁾ The Compact PLUS units have three slots A, B and C. Compact and chassis units can be expanded to have up to 6 slots, A, C, D, E, F

⁴⁾ With appropriate connector.

For retrospective mounting. The retrofit kit usually contains a board, plug-in connector and documentation but not adapter boards or LBA.

⁵⁾ With 2 FOC connectors, 1 connector for X470 and 5 m all-plastic FOC (fiber-optic cable).

⁶⁾ When ordering the board, "-Z" and the corresponding code for direct mounting in the corresponding slot must be appended to the converter/inverter order no.

²⁾ Excluding connector, excluding documentation.