

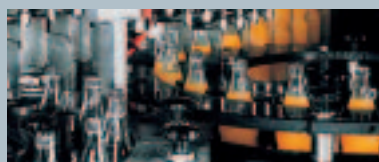
motion control

SIMOVERT MASTERDRIVES MC



Single-Motor and Multi-Motor Drives
0.55 kW to 250 kW (0.75 HP to 335 HP)

SIEMENS

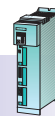


SIMOVERT MASTERDRIVES Motion Control

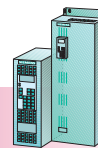
Selection and ordering data

Converters and inverters

Compact PLUS units



Compact and chassis units



Electronics options · Additional boards and options

Designation	Order No.	Code ¹⁾	Weight, approx. kg (lb)	Dimensions W x H x D mm x mm x mm (in x in x in)
Accessories for compact and chassis units for expanding the electronic slots				
ADB Adapter board	6SE7090-0XX84-0KA0			
Adapter board, plugged into mounting position 2 (slots D and E)		K01		
Adapter board, plugged into mounting position 3 (slots F and G)		K02		
LBA Bus adapter for electronics box	6SE7090-0XX84-4HA0			
Bus adapter for electronics box, integrated		K11		
Accessories for SIMOLINK				
SLP SIMOLINK pulse generator An incremental-encoder signal proportional to the speed is generated from a setpoint in the SIMOLINK telegram; RS422, track A, B	6SX7005-0AD00		0.3 (0.7)	35 x 118 x 88 (1.4 x 4.6 x 3.5)
SLE-DP SIMOLINK incremental encoder With PROFIBUS DP station at SIMOLINK, generates pulse series and zero pulse from position setpoint telegram acc. to an RS422 incremental encoder with either 1024, 2048, 4096 or 8192 S/R	6SX7005-0AG01		0.4 (0.9)	52 x 118 x 88 (2.0 x 4.6 x 3.5)
SLS SIMOLINK switch Changeover switch for SIMOLINK fiber-optic cables, 4 inputs/outputs to 4 outputs/inputs, 12 different switching positions	6SX7005-0AE00		0.3 (0.7)	35 x 118 x 88 (1.4 x 4.6 x 3.5)
SLM SIMOLINK monitor Diagnostics box for monitoring the SIMOLINK telegrams, connection to a measuring PC, evaluation of the data with diagnostic/analysis software (PC software items are to be ordered separately)	6SX7005-0AF00		0.8 (1.8)	54 x 194 x 155 (2.1 x 7.6 x 6.1)
Extra package for SLB board 5 m/16.4 ft plastic FOC cable, 2 FOC plug-in connectors, 1 plug-in connector for the terminal strip, supplied with rough and fine glass paper (comes together with the SLB board).	6SY7000-0AD15			
System package for SLB board 100 m/328 ft all-plastic FOC cable, 40 x FOC plug-in connectors, 20 x plug-in connectors for the terminal strip	6SX7010-0FJ50			
Glass fiber-optic cable (PCF = Polymer Cladding Fiber), up to a max. of 300 m/984.25 ft between two SLB boards. The following fiber-optic cable modules from Hewlett Packard are on the SLB board Transmitter: HFBR 1528 Receiver: HFBR 2528	on request			
PROFIBUS plastic fiber optic, duplex-core Plastic FOC with 2 cores, PVC sheath, without connector for use in environments with low mechanical stress 50 m (164 ft) ring	6XV1 821-2AN50			
PROFIBUS plastic fiber optic, simplex connector/polishing set 100 simplex connectors and 5 polishing sets for assembling PROFIBUS plastic fiber-optic cables for the optical PROFIBUS DP	6GK1 901-0FB00-0AA0			
Additional options				
OP1S Comfort operator control panel	6SE7090-0XX84-2FK0			
OP1S cable (3 m/10 ft)	6SX7010-0AB03			
OP1S cable (5 m/16.4 ft)	6SX7010-0AB05			
PC cable (3 m/10 ft) for DriveMonitor and software/firmware downloading	9AK1012-1AA00			

1) When ordering the board, “-Z” and the corresponding code for direct mounting in the relevant slot must be appended to the inverters/converters order no.