



Order overview

Accessories for SINAMICS S210 servo converters

Description	Article No.
SINAMICS SD card (optional) 512 MB The parameter assignment, firmware and licenses for a converter can be stored on this memory card. Firmware V5.2 or higher is required for the 3 AC series. <ul style="list-style-type: none"> • Empty • With firmware V5.1 • With firmware V5.1 SP1 • With firmware V5.1 SP1 and Safety license (Extended Functions) • With firmware V5.2 • With firmware V5.2 and Safety license (Extended Functions) • With firmware V5.2 SP3 • With firmware V5.2 SP3 and Safety license (Extended Functions) 	6SL3054-4AG00-2AA0 6SL3054-4FB00-2BA0 6SL3054-4FB10-2BA0 6SL3054-4FB10-2BA0-Z F01 6SL3054-4FC00-2BA0 6SL3054-4FC00-2BA0-Z F01 NEW 6SL3054-4FC30-2BA0 NEW 6SL3054-4FC30-2BA0-Z F01
Safety license (Extended Functions) ¹⁾ <ul style="list-style-type: none"> • CoL in paper form • CoL in electronic form 	6SL3074-0AA10-0AA0 NEW 6SL3074-0AA10-0AH0
PROFINET patch cable For the networking of concatenated converters <ul style="list-style-type: none"> • 0.3 m • 0.5 m 	6XV1870-3QE30 6XV1870-3QE50
Only for the 1 AC series	
Line filter With this line filter, Category C2 for cable lengths up to 25 m (82 ft), Category C3 for cable lengths up to 50 m (164 ft) acc. to IEC 61800-3 can be achieved. <ul style="list-style-type: none"> • ≤ 18 A 	NEW 6SL3203-0BB21-8VA1
Only for the 3 AC series	
Line filter With these line filters, Category C2 for cable lengths up to 25 m (82 ft), Category C3 for cable lengths up to 50 m (164 ft) acc. to IEC 61800-3 can be achieved. When connected via a DC link, a total cable length of up to 100 m (328 ft) with Category C2 and up to 250 m (820 ft) with Category C3 is possible ²⁾ <ul style="list-style-type: none"> • ≤ 35 A • ≤ 65 A 	NEW 6SL3203-0BE23-5HA0 NEW 6SL3203-0BE26-5HA0
Connector set AC bus and DC link For coupling the DC link and the line infeed Scope of delivery: 1 AC bus connector, 1 DC link connector, 2 cover caps The AC bus connector replaces the push-in connector included in the scope of delivery of the converter. Wiring is performed with conventional 16 mm ² cable (not included in scope of delivery) ³⁾	6SL3260-2DC00-0AA0
Connector set AC bus individual For coupling the line infeed Scope of delivery: 1 AC bus connector, 1 cover cap This connector replaces the push-in connector included in the scope of delivery of the converter. Wiring is performed with conventional 16 mm ² cable (not included in scope of delivery) ³⁾	6SL3260-2DC10-0AA0
External braking resistors for 200 ... 240 V 3 AC For a supply voltage of 200 V to 240 V 3 AC, an external, intrinsically safe braking resistor is always required for each converter ⁴⁾ <ul style="list-style-type: none"> • 100 W, 47 Ω for FSA and FSB • 240 W, 14 Ω for FSC 	NEW GXK:BWG250047TS-190 NEW GXK:BWG600014TS-190

Accessories for SIMOTICS S-1FK2 and S-1FT2 servomotors

Description	For motor	Article No.
Shaft sealing ring (optional) To achieve degree of protection IP65 for retrofitting or as spare part	1FK2102 1FT2102	NEW 1FY2902-0GC00
	1FK2.03 1FT2.03	NEW 1FY2903-0GC00
	1FK2.04 1FT2.04	NEW 1FY2904-0GC00

Starter kit

Description	Article No.
SINAMICS S210 starter kit with Extended Safety Scope of delivery: <ul style="list-style-type: none"> • SINAMICS S210 servo converter, 230 V 1 AC, 400 W • SIMOTICS S-1FK2 servomotor, High Dynamic, shaft height 30, 400 W, without brake, shaft with feather key, with absolute encoder multiturn • One Cable Connection (OCC) motor connection cables, 3 m (9.84 ft) • Memory card with firmware V5.2 SP3 and Safety license (Extended Functions) The delivery quantity is limited to three units per customer.	6SL3200-0AE61-0AA0

Training case

Description	Article No.
SINAMICS S210 training case Scope of delivery: <ul style="list-style-type: none"> • 2 × SINAMICS S210 servo converters, 0.1 kW, 230 V 1 AC • 2 × SIMOTICS S-1FK2 servomotors, High Dynamic • 2 × One Cable Connection (OCC) motor connection cables • Rail, prepared for installation of a controller, e.g. SIMATIC S7-1500 (controller not included in scope of delivery) The SINAMICS S210 training case is supplied as a trolley with a hood.	6AG1067-1AA33-0AA0

- 1) Extended function for an existing memory card (firmware V5.1 SP1 or higher). The memory card is not included in the scope of delivery. The Safety license can also be ordered together with a memory card (see above). With a CoL in electronic form, the license is supplied as a PDF file. Notification of this with a download link is received by email. For further information, see section Supplementary system components > Memory cards.
- 2) The data is applicable for the complete cable length of the motors, whose associated converters are coupled with one another via an AC coupling or through the DC link. The maximum cable length per motor is 25 m using the internal filters or an external filter to achieve EMC category C2. If an external filter is used to achieve EMC category C3, the maximum cable length per motor is 50 m.
- 3) Permissible cables:
 - 16 mm², Class 5 (finely stranded, PVC-insulated) H07V-K + H07V2-K according to EN 50525-2-31
 - HELUTHERM 145: 16 mm², Class 5 (finely stranded, crosslinked polyolefin-copolymer, halogen-free) www.helukabel.com
 - External diameter 6.7 mm to 8.1 mm
 Permissible cables (UL approval):
 - AWG 6, copper cable with PVC insulation, with or without nylon jacket, 19 strands
 - Types: MTW, THHW, THW, THW-2, THHN, THWN-2, TW, TWN
 - CSA types: TW, TWU, TWN75, TW75, TWU75, T90, no compressed conductors
- 4) The prefix "GXK:" is part of a Siemens internal order code that does not belong to the product number of the original manufacturer Michael Koch GmbH.