SIEMENS SiePortal

1FK2206-4AF11-0SA0

SYNCHRONOUS MOTOR 1FK2-CT 12 NM





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SIMOTICS S-1FK2 CT servo motor M0=12 Nm; PN = 2.85 kW at nN=3000 rpm (380-480 V); PN = 1.72 kW at nN=1500 rpm (200-240 V); with holding brake; degree of protection IP65; cylindrical shaft D24x50 mm; absolute encoder single-turn 22-bit (encoder AS22DQC); with OCC interface; plug size M23, rotatable;

Sustainability	Siemens EcoTech
Product lifecycle	Active Product
Product class	C: products manufactured / produced to order, which cannot be reused or re-utilized or be returned against credit.
Packaging dimensions (L x W x H)	452,00 x 250,00 x 267,00 mm
Net weight	10,6 Kg

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Specifications

Product related	**Article number**	1FK2206-4AF11-0SA0
	Life cycle status	Active Product
	Product Family	1FK2 servomotors for SINAMICS S210
	EAN	4025515679882
	UPC	
	Commodity Code	85015220
Pricing related	**Customer Price**	–
	List Price	–
	Region Specific Price Group / Headquarter Price Group	DMM / DMM
	Surcharge for raw material	
	Metal Factor	------71
Delivery related	**Export Control Regulations**	AL : N / ECCN : N_CNDU
	Standard delivery time	15 Day/Days
	Packaging dimensions (L x W x H)	452,00 x 250,00 x 267,00 mm
	Net weight	10,6 Kg
	Quantity Unit	1 Piece
	Packaging Quantity	1
	Dangerous goods	No
Environment related	**WEEE (2012/19/EU) Take-Back Obligations**	Yes Since: 01.07.2006

	Compliance with the substance restrictions according to RoHS directive	
	REACH Art. 33 Duty to inform according to the current list of candidates	Reach Information
	SCIP Number	not available
	Sustainability	Siemens EcoTech
Siemens specific	**Product Group**	4R42
	Catalog ID	D32
	Group Code	R220
	Country of origin	Germany
	Product class	C: products manufactured / produced to order, which cannot be reused or re-utilized or be returned against credit.
Classification	**eClass**	Version : 14, Classification : 27-02-26-02 Version : 12, Classification : 27-02-26-02 Version : 9.1, Classification : 27-02-26-02 Version : 9, Classification : 27-02-26-02 Version : 8, Classification : 27-02-26-02 Version : 7.1, Classification : 27-02-26-02 Version : 6, Classification : 27-02-26-02
	ETIM	Version : 10, Classification : EC011290 Version : 9, Classification : EC011290 Version : 8, Classification : EC011290 Version : 7, Classification : EC001851

Accessories & software

12 optional products

Fullscreen Sort by Newest first

Optional



6SL3203-0BE23-5HA0

SINAMICS S210 EMC filter C2, 35 A for 400 V 3 AC frame size: FSA - FSC

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See detailed specifications

Optional



6SL3203-0BE26-5HA0

SINAMICS S210 EMC filter C2, 65 A for 400 V 3 AC frame size: FSA - FSC

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Optional



GXK:BWG600014TS-190

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Optional



6SL3054-4FC30-2BA0

SINAMICS S210 SD card 512 MB including licensing (Certificate of License, stored on the card) V5.2 SP3 HF18

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Optional



6SL3210-5HE13-5UF0

SINAMICS S210 input voltage 200-480 V 3AC -10%/+10% 12.5 A 45-66 Hz output voltage: 0 input V 9.0 A 0-550 Hz motor: 3.5 kW degree of protection: IP20 frame size C 105 x 322 x 223 (WxHxD)

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See detailed specifications

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36 documents for 1FK2206-4AF11-0SA0

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Certificate · 11/26/2025 · ID: 93012735 ☆☆☆☆☆ (–)

General product approval/CCC, Other

Manual · 11/19/2025 · ID: 109996936 ☆☆☆☆☆ (–)

Safety Instructions

German, English, Français, Italiano, Español, 中文, Nederlands, Dansk, Ελληνικά, Русский язык, Česky, 繁體中文, Português, Türkçe, 日本語, Eesti, Suomi, Hrvatski, Latviešu, Lietuvių, Malti, Polski, Svenska, Slovenčina, Slovenščina, Magyar, 한국어, Tiếng Việt, Български, Română, Gaeilge, Norsk, Srpski, ไทย, Bahasa Indonesia, Bahasa Melayu, Português, Українська, عربي, қазақ тілі

Manual · 09/24/2025 · ID: 109995400 ★☆☆☆☆ (2)

SIMOTICS generatable data

German, English, Français, Italiano, Español

Manual · 07/17/2025 · ID: 109982746 ★★★★★ (3)

SINAMICS S210/SIMOTICS S-1FK2 and S-1FT2

German, English, Français, Italiano, Español, 中文

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3D rendering (product photo)

P_D211_XX_00745 01/01/1

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Planetary gearboxes for 1FK2 and 1FT2 servomotors

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