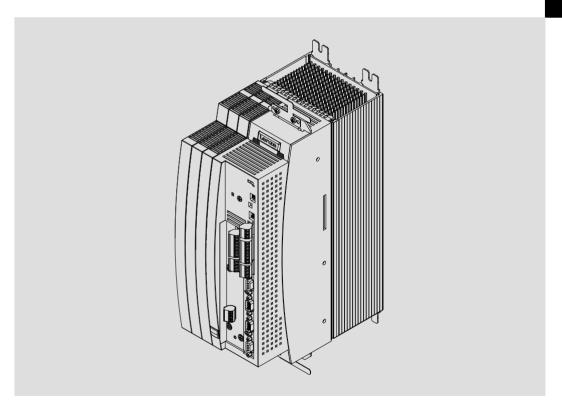


Information for the operator of the machine

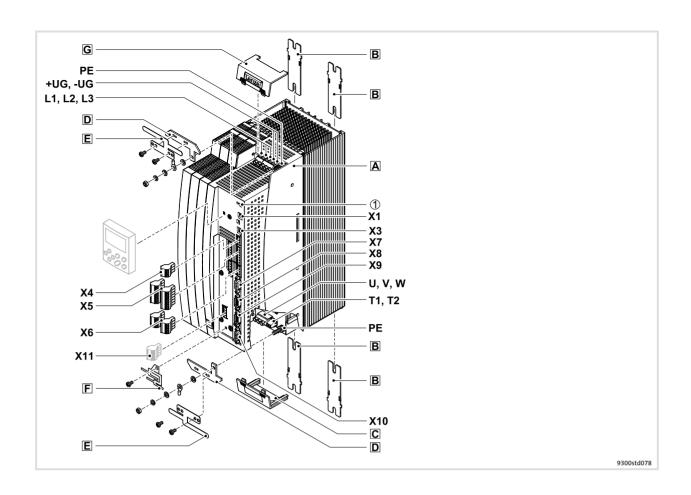
9300 0.37 ... 11 kW



EVS9321-xx ... EVS9326-xx

Servo controller





Key for overview

Position	Description		
A	Controller		
В	Fixing rails for standard mounting		
C	Cover for the motor connection		
D	Shield connection support with fixing screws (2 items) 1 support for the shield sheet for the supply connections 1 support for the shield sheet for the motor cable		
E	EMC shield sheet with fixing screws (2 items) 1 shield sheet for the supply connections 1 shield sheet for the motor cable and the feed cable for the motor temperature monitoring with PTC thermistor or thermal contact (NC contact)		
F	EMC shield sheet with fixing screws for shielded control cables		
G	Cover for the supply connections		

Connections and interfaces

Position	Description		
L1, L2, L3, PE	Mains connection		
+UG, -UG	DC supply		
U, V, W, PE	Motor connection		
T1, T2	Connection of PTC thermistor or thermal contact (NC contact) of the motor		
X1	AIF interface (automation interface) Slot for communication module (e. g. XT EMZ9371BC keypad)		
Х3	Jumper for setting analog input signal at X6/1, X6/2		
X4	System bus (CAN) connection		
X5	Connection of digital inputs and outputs		
X6	Connection of analog inputs and outputs		
X7	Connection of resolver and KTY temperature sensor of the motor		
X8	Connection of incremental encoder with TTL level or SinCos encoder and KTY temperature sensor of the motor		
X9	Connection of digital frequency input signal		
X10	Connection of digital frequency output signal		
X11	Connection of K _{SR} relay output for "safe standstill" (for variants V004 and V104 only)		

Status displays

Position	LED red	LED green	Operating status
0	Off	On	Controller enabled
	On	On	Mains is switched on and automatic start is inhibited
	Off	Blinking slowly	Controller inhibited
	Blinking quickly	Off	Undervoltage or overvoltage
	Blinking slowly	Off	Active fault

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1 About this documentation



Note!

This documentation contains all necessary information for the machine operator to be able to operate the servo controllers of the 9300 series installed in your machine/plant.

You can make further use of all information in this documentation without consulting Lenze if you do not make any changes to the contents.

1.1 Document history

What is new / what has changed?

Material number	Version			Description
13440647	3.0	07/2013	TD06	Error corrections
13330541	2.1	03/2010	TD23	Change of the company's address
13330541	2.0	03/2010	TD14	New edition due to reorganisation of the company UL-warnings updated Revision for software version 8x
13231631	1.0	11/2007	TD34	First edition



Tip!

Information and auxiliary devices related to the Lenze products can be found in the download area at

http://www.Lenze.com

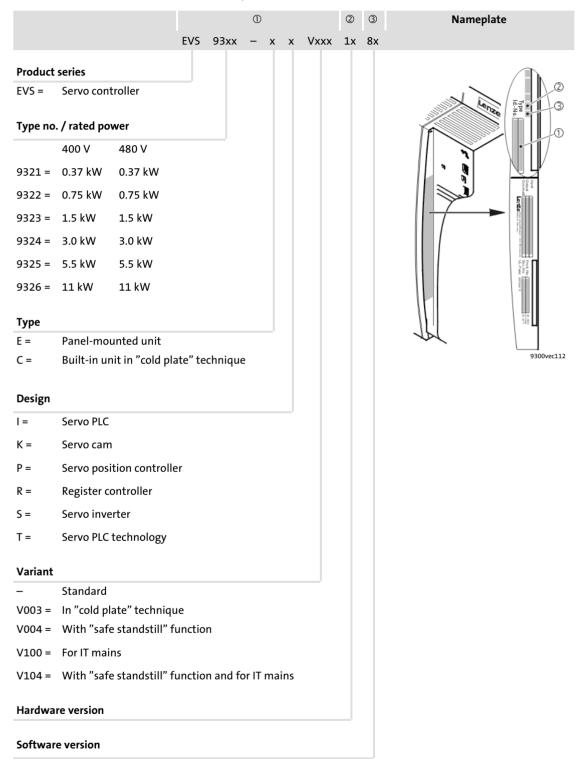
1.2 Target group

This documentation is directed at qualified skilled personnel according to IEC 60364.

Qualified skilled personnel are persons who have the required qualifications to carry out all activities involved in installing, mounting, commissioning, and operating the product.

1.3 Validity information

... 9300 servo controllers as of nameplate data:



Conventions used

1.4 Conventions used

This documentation uses the following conventions to distinguish between different types of information:

Type of information	Identification	Examples/notes
Spelling of numbers		
Decimal separator	language-dependen t	In each case, the signs typical for the target language are used as decimal separators. For example: 1234.56 or 1234,56
Warnings		
UL warnings	(l)	
UR warnings	70.	Are only given in English.
Text		
Program name	» «	PC software For example: »Engineer«, »Global Drive Control« (GDC)
Icons		
Page reference	Ш	Reference to another page with additional information For instance: 16 = see page 16
Documentation reference	©	Reference to another documentation with additional information For example: ③ EDKxxx = see documentation EDKxxx