4.3 “SIMODRIVE 611 universal HRS” and “HRS2” (from SW version 14.2) control board

Description

The ”SIMODRIVE 611 universal HRS” control board is used in the SIMODRIVE 611 system (SW ⩾8.3) and includes two drive controls that are independent of one another. However, the board can also be used for 1–axis applications and in 1–axis power modules.

Note

The control board is described in detail in:

References: /FBU/ Description of Functions, SIMODRIVE 611 universal

The functionality specified in this Description of Functions under ”SIMODRIVE 611 universal” also applies to ”SIMODRIVE 611 universal HRs” and “HRS2”.

Features

The control board has the following features:

- Variants

Table 4-7 Control board, option modules, data medium

Cons. No.	Description		Order No. (MLFB)
	Hardware	Firmware	
Closed–loop control module			
1	2–axis[1] for encoders with sin/cos 1 Vpp	n–set	6SN1118–0NH01–0AA1
2		Positioning	6SN1118–1NH01–0AA1
4	2–axis[1] for resolvers	n–set	6SN1118–0NK01–0AA1
6		Positioning	6SN1118–1NK01–0AA1
8	1–axis for resolvers	n–set	6SN1118–0NJ01–0AA1
10		Positioning	6SN1118–1NJ01–0AA1
Option module (can be alternatively used in the control board)			
1	TERMINALS	–	6SN1114–0NA00–0AA0
3	PROFIBUS DP2[3]	–	6SN1114–0NB00–0AA2
4	PROFIBUS–DP3[3]	–	6SN1114–0NB01–0AA1
Data volume			
1	Download	SimoCom U, drive firmware, Toolbox, GSD file, readme file, etc.	From SW versions 10.2 on, Softwaredownload via internet, Link under Foreword.

1) For 2–axis control boards, 1–axis operation is also possible
2) □: Space retainer for software version
3) Prerequisite: Control board as of SW 3.1

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