MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SN1118-0AA11-0AA0

SINGLE-AXIS ANALOG FEED DRIVE CONTROL BOARD

Used with the applicable SIMODRIVE 611 Analog configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens SIMODRIVE 611-A Start-up Guide, Table 1-1

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Permissible combinations of inverter modules and control cards

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Table 1-1 Selection table to set the current controller referred to the resulting inverter currents

	Feed/main spindle controls with analog setpoint interface											
SIMODRIVE 611 components	Feed drive control, analog 1–axis, user–friendly interface 6SN1118–0AA11–0AA0	Feed drive control, analog 1–axis, standard interface 6SN1118–0AD11–0AA0	Feed drive control, analog 2–axis, standard interface 6SN1118–0AE11–0AA0	Feed drive resolver contr., anal. 1–axis, standard interface 6SN1118–0BJ11–0AA0	Feed drive resolver contr., anal. 2–axis, standard interface 6SN1118–0BK11–0AA0	Main spindle drive control, ana no direct meas. system 6SN1121–0BA11–0AA0	Main spindle drive control, ana dir. meas. system, TTL signals 6SN1121–0BA12–0AA0y	Main spindle drive contr., anal. external position output 6SN1121–0BA13–0AA0	Induction motor control, anal. Fixed setpoints, mot. pot. 6SN1122–0BA11–0AA0	Induction motor control, anal– anal. speed, fixed setp., mot.pc 6SN1122–0BA12–0AA	Main spindle drive control, anal 6SN1121–0BA11–0AA1	Induction motor control, analog 6SN1122–0BA11–0AA1
Parameter board, feed drive, analog user–friendly 6SN1114–0AA01–0AA0	necessary	____	____	____	____	____	____	____	____	____	____	____
Main spindle option, feed drive, analog, user–friendly 6SN1114–0AA02–0AA□	possible	____	____	____	____	____	____	____	____	____	____	____
8A inverter module 6SN112□–1AA0□–0HA□	FD: 4/8A	FD: 4/8A	____	FD–R: 3/6A	____	____	____	____	IM: 3/3/3 A	IM: 3/3/3 A	____	IM: 3/3/3 A
15A inverter module 6SN112□–1AA0□–0AA□	FD: 7.5/15A	FD: 7.5/15A	____	FD–R: 5/10A	____	____	____	____	IM: 5/5/8 A	IM: 5/5/8 A	____	IM: 5/5/8 A
25A inverter module 6SN112□–1AA0□–0BA□	FD: 12.5/25A	FD: 12.5/25A	____	FD–R: 9/18A	____	____	____	____	IM: 8/10/16A	IM: 8/10/16A	____	IM: 8/10/16A
50A inverter module 6SN112□–1AA0□–0CA□	FD: 25/50A	FD: 25/50A	____	FD–R: 18/36A	____	MSD: 24/32/32A	MSD: 24/32/32A	MSD: 24/32/32A	IM: 24/32/32A	IM: 24/32/32A	MSD: 24/32/32A	IM: 24/32/32A
80A inverter module 6SN112□–1AA0□–0DA□	FD: 40/80A	FD: 40/80A	____	FD–R: 28/56A	____	MSD: 30/40/51A	MSD: 30/40/51A	MSD: 30/40/51A	IM: 30/40/51A	IM: 30/40/51A	MSD: 30/40/51A	IM: 30/40/51A
120A inverter module 6SN112□–1AA0□–0GA□	____	____	____	____	____	MSD: 45/60/76A	MSD: 45/60/76A	MSD: 45/60/76A	IM: 45/60/76A	IM: 45/60/76A	MSD: 45/60/76A	IM: 45/60/76A
108A inverter module 6SN112□–1AA0□–0LA□	____	____	____	____	____	MSD: 45/60/76A	MSD: 45/60/76A	MSD: 45/60/76A	IM: 45/60/76A	IM: 45/60/76A	MSD: 45/60/76A	IM: 45/60/76A
160A inverter module 6SN112□–1AA0□–0EA□	FD: 80/160A	FD: 80/160A	____	____	____	MSD: 60/80/ 102A	MSD: 60/80/ 102A	MSD: 60/80/ 102A	IM: 60/80/ 102A	IM: 60/80/ 102A	MSD: 60/80/ 102A	IM: 60/80/ 102A
200A inverter module 6SN112□–1AA0□–0FA□	FD: 100/200A	FD: 100/200A	____	____	____	MSD: 85/111/ 127A	MSD: 85/111/ 127A	MSD: 85/111/ 127A	IM: 85/111/ 127A	IM: 85/111/ 127A	MSD: 85/111/ 127A	IM: 85/111/ 127A

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