

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SL3255-0VA00-2AA1

SINAMICS V20 BOP INTERFACE

Used with the applicable SINAMICS V20 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens data sheet for 6SL3255-0VA00-2AA1

1AC 200 V ... 240 V device¹⁾

Rated data						
P _{rated} (HO)		I _H	Article number		Fans	Frame size
kW	hp	A				
0.12	1/6	0.9	6SL3210-5BB11-2	V1	–	FSAA
0.25	1/3	1.7	6SL3210-5BB12-5	V1	–	
0.37	1/2	2.3	6SL3210-5BB13-7	V1	–	
0.55	3/4	3.2	6SL3210-5BB15-5	V1	–	FSAB
0.75	1	4.2	6SL3210-5BB17-5	V1	–	
1.1	1–1/2	6	6SL3210-5BB21-1	V0	1	FSB
1.5	2	7.8	6SL3210-5BB21-5	V0	1	
2.2	3	11	6SL3210-5BB22-2	V0	1	FSC
3	4	13.6	6SL3210-5BB23-0	V0	1	

EMC Standards

Without integrated radio interference filter	U
With integrated radio interference filter category C2 ²⁾ (only available for FSB and FSC from 1.1 to 3 kW)	A
With integrated radio interference filter category C1 ³⁾ (only available for FSAA and FSAB up to 0.75 kW)	B

3AC 380 V ... 480 V device

Rated data					
P _{rated} (LO)		I _L 400 V ⁵⁾	I _L 480 V	P _{rated} (HO)	
kW	hp	A	A	kW	hp
0.37	1/2	1.3	1.3	0.37	1/2
0.55	3/4	1.7	1.7	0.55	3/4
0.75	1	2.2	2.2	0.75	1
1.1	1–1/2	3.1	3.1	1.1	1–1/2
1.5	2	4.1	4.1	1.5	2
2.2	3	5.6	4.8	2.2	3
3	4	7.3	7.3	3	4
4	5	8.8	8.24	4	5
5.5	7–1/2	12.5	11	5.5	7–1/2
7.5	10	16.5	16.5	7.5	10
11	15	25	21	11	15
15	20	31	31	15	20
22	30	45	40	18.5	25
30	40	60	52	22	30

EMC Standards

Without integrated radio interference filter
With integrated radio interference filter category C3 ⁴⁾

1AC 200 V ... 240 V options

FS	P _{rated} (HO) kW	Braking resistor 6SE6400-...	Line reactor 6SE6400-...	Output reactor 6SE6400-...	Shield con- nection kit 6SL3266-...	Line filter class B ⁷⁾	Corresponding to the IEC standard				
							Standard fuse ⁸⁾		Circuit breaker ⁸⁾		
							Current in A	Article No.	Article No.		
FSAA	0.12	4BC05-0AA0	3CC00-4AB3	3TC00-4AD3	1AR00-0VA0	6SL3203- 0BB21-8VA0	10	3NA3803	3RV2011-1DA10		
	0.25		3CC01-0AB3						3RV2011-1FA10		
	0.37								3RV2011-1HA10		
FSAB	0.55								3RV2011-1JA10		
	0.75										
FSB	1.1		4BC11-2BA0						3CC02-6BB3	3TC01-0BD3	1AB00-0VA0
	1.5	32		3NA3812	3RV2021-4CA10						
	FSC	2.2		3CC03-5CB3	3TC03-2CD3	1AC00-0VA0	—	35			
3		4BC12-5CA0	50						3NA3820	3RV1031-4FA10	

Accessories

Name	Article number
Parameter loader	6SL3255-0VE00-0UA1
V20 BOP (Basic Operator Panel)	6SL3255-0VA00-4BA1
BOP interface ⁹⁾ (Basic Operator Panel)	6SL3255-0VA00-2AA1
SINAMICS V20 Smart Access (web server module)	6SL3255-0VA00-5AA0 New
SINAMICS Memory Card (512 MB)	6SL3054-4AG00-2AA0
Braking module 1AC 230 V: 8 A; 3AC 400 V: 7 A	6SL3201-2AD20-8VA0
RS485 Terminators (Content 50 Pieces)	6SL3255-0VC00-0HA0
DIN Rail Mounting Kit	FSA/FSAA/FSAB: 6SL3261-1BA00-0AA0 ¹⁰⁾ FSB: 6SL3261-1BB00-0AA0
Migration Mounting Kit to fit FSAA/AB to former FSA	6SL3266-1ER00-0VA0
SINAMICS V20 Training case	6AG1067-2AA00-0AB6

Spare parts

Frame size	Article number
Replacement fan	
FSA	6SL3200-0UF01-0AA0
FSB	6SL3200-0UF02-0AA0
FSC	6SL3200-0UF03-0AA0
FSD	6SL3200-0UF04-0AA0
FSE	6SL3200-0UF05-0AA0