

V20 Low Cost General Purpose Drive

Siemens Introduces the Simple and Powerful V20 Low Cost General Purpose Drive:

The SINAMICS V20 comes in four frame sizes from 1/6 to 20 HP. Basic applications such as pumps, fans, compressors and conveyor systems are easily accomplished with built-in wizards. It can also be used for basic drive tasks in the processing and material handling industries. This compact drive can be mounted side-by-side, and since no further modules or add-on options are required, installation time is minimized.

Easy-to-Install:

- ▶ "Side-by-Side" Panel Mounting
- ▶ USS and MODBUS RTU Communication as Standard
- ▶ Integrated Braking Chopper from 10 HP Up to 20 HP (7.5 kW to 15 kW)

Easy-to-Use:

- ▶ Built-In BOP Operating Panel
- ▶ Parameter Loading without Power Energized
- ▶ Integrated Application and Connection Macros
- ▶ "Keep Running Mode" for Uninterrupted Operation
- ▶ Wide Voltage Range, Advanced Cooling Design and Coated PCBs Increase Robustness

Easy-to-Save Money:

- ▶ ECO Mode for V/f, V/Hz
- ▶ Hibernation Mode



V20 Frame Size A to D



Parameter Loader and BOP (Basic Operator Panel)

Un-Filtered 1AC 230 VAC

Stock No.	Mfr.'s Type	HP	kW	Frame Size	EACH
70281803	6SL3210-5BB11-2UV0	1/6	0.12	FSA	193.00
70281804	6SL3210-5BB12-5UV0	1/4	0.25	FSA	210.00
70281805	6SL3210-5BB13-7UV0	1/2	0.37	FSA	220.00
70281806	6SL3210-5BB15-5UV0	3/4	0.55	FSA	240.00
70281807	6SL3210-5BB17-5UV0	3/4	0.75	FSA	260.00
70289599	6SL3210-5BB18-0UV0	1	0.75	FSA	280.00
70281808	6SL3210-5BB21-1UV0	1 1/2	1.10	FSB	290.00
70281809	6SL3210-5BB21-5UV0	2	1.50	FSB	330.00
70281810	6SL3210-5BB22-2UV0	3	2.20	FSC	400.00
70281811	6SL3210-5BB23-0UV0	4	3.00	FSC	465.00

Un-Filtered 3AC 460 VAC



V20 FSD 460 VAC

Stock No.	Mfr.'s Type	HP	kW	Frame Size	EACH
70281777	6SL3210-5BE13-7UV0	1/2	0.37	FSA	305.00
70281778	6SL3210-5BE15-5UV0	3/4	0.55	FSA	320.00
70281779	6SL3210-5BE17-5UV0	1	0.75	FSA	330.00
70281780	6SL3210-5BE21-1UV0	1 1/2	1.10	FSA	355.00
70281781	6SL3210-5BE21-5UV0	2	1.50	FSA	395.00
70281782	6SL3210-5BE22-2UV0	3	2.20	FSA	455.00
70281783	6SL3210-5BE23-0UV0	4	3.00	FSB	515.00
70281784	6SL3210-5BE24-0UV0	5	4.00	FSB	580.00
70281785	6SL3210-5BE25-5UV0	7 1/2	5.50	FSC	710.00
70281786	6SL3210-5BE27-5UV0	10	7.50	FSD	895.00
70281787	6SL3210-5BE31-1UV0	15	11.00	FSD	1150.00
70281788	6SL3210-5BE31-5UV0	20	15.00	FSD	1400.00

Options for All V20 Drives

Stock No.	Mfr.'s Type	Description	EACH
70281789	6SL3255-0VE00-0UA0	Parameter Loader	122.00
70281790	6SL3255-0VA00-2AA0	SINAMICS V20 Basic Operator Panel (BOP) Interface	53.99
70281791	6SL3255-0VA00-4BA0	SINAMICS V20 Remote BOP	76.00
70281792	6SL3201-2AD20-8VA0	Braking Module, 1AC 230 V: 8 A; 3AC 400 V: 7 A	189.99
70281793	6SL3255-0VC00-0HA0	RS485 Terminators	45.00
70281794	6SL3266-1AA00-0VA0	FSA Shield Connection Kit	18.01
70281795	6SL3266-1AB00-0VA0	FSB Shield Connection Kit	33.99
70281796	6SL3266-1AC00-0VA0	FSC Shield Connection Kit	33.99
70281797	6SL3266-1AD00-0VA0	FSD Shield Connection Kit	33.99
70281798	6SL3256-0VP00-0VA0	SINAMICS Operator Panel Door Mounting Kit (with 3 m Connection Cable)	33.01
70394283	6SL3054-4AG00-2AA0	SINAMICS SD Memory Card, 512 MB	84.00

Drive Line Reactors for 1AC 230 VAC Drives

Stock No.	Mfr.'s Type	Description	EACH
70281821	6SE6400-3CC00-4AB3	Drive Line Reactor for Drives 1/6-1/4 HP (0.12-0.25 kW)	143.01
70281823	6SE6400-3CC01-0AB3	Drive Line Reactor for Drives 1/2-1 HP (0.37-0.75 kW)	143.01
70281826	6SE6400-3CC02-6BB3	Drive Line Reactor for Drives 1 1/2-3 HP (1.10-2.20 kW)	210.00
70281829	6SE6400-3CC03-5CB3	Drive Line Reactor for Drives 4 HP (3 kW)	205.00

Drive Line Reactors for 3AC 460 VAC Drives

Stock No.	Mfr.'s Type	Description	EACH
70290244	6SL3203-0CE13-2AA0	Drive Line Reactor for Drives 1/2-1 1/2 HP (0.37-1.10 kW)	116.30
70290245	6SL3203-0CE21-0AA0	Drive Line Reactor for Drives 2-5 HP (1.50-4 kW)	155.06
70290246	6SL3203-0CE21-8AA0	Drive Line Reactor for Drives 7.5 to 10 HP (5.50-7.50 kW)	213.20
70290247	6SL3203-0CE23-8AA0	Drive Line Reactor for Drives 15 to 20 HP (11 to 15 kW)	281.03

Brake Resistors for 1AC 230 VAC Drives

Stock No.	Mfr.'s Type	Description	EACH
70281812	6SE6400-4BC05-0AA0	Brake Resistor for Drives 1/6-3/4 HP (0.12-0.75 kW)	235.00
70281817	6SE6400-4BC11-2BA0	Brake Resistor for Drives 1-3 HP (1.10-2.20 kW)	340.00
70281820	6SE6400-4BC12-5CA0	Brake Resistor for Drives 4 HP (3 kW)	333.67

Brake Resistors for 3AC 460 VAC Drives

Stock No.	Mfr.'s Type	Description	EACH
70394109	6SL3201-0BE14-3AA0	Brake Resistors for Drives 1/2-2 HP (0.37-1.50 kW)	157.00
70394330	6SL3201-0BE21-0AA0	Brake Resistors for Drives 3-5 HP (2.20-4 kW)	225.00
70394331	6SL3201-0BE21-8AA0	Brake Resistors for Drives 7 1/2-15 HP (5.50-11 kW)	315.00
70394332	6SL3201-0BE23-8AA0	Brake Resistors for Drives 20 HP (15 kW)	425.00

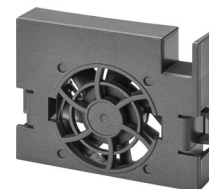
Drive Output Reactors for 1AC 230 VAC Drives

Stock No.	Mfr.'s Type	Description	EACH
70281830	6SE6400-3TC00-4AD3	Drive Output Reactor for Drives 1/6-3/4 HP (0.12-0.75 kW)	235.00
70281835	6SE6400-3TC01-0BD3	Drive Output Reactor for Drives 1-3 HP (1.10-2.20 kW)	305.00
70281838	6SE6400-3TC03-2CD3	Drive Output Reactor for Drives 4 HP (3 kW)	280.00

Drive Output Reactors for 3AC 460 VAC Drives

Stock No.	Mfr.'s Type	Description	EACH
70394333	6SL3202-0AE16-1CA0	Drive Output Reactor for Drives 1/2-2 HP (0.37-1.50 kW)	116.30
70394334	6SL3202-0AE18-8CA0	Drive Output Reactor for Drives 3-5 HP (2.20-4 kW)	155.06
70394335	6SL3202-0AE21-8CA0	Drive Output Reactor for Drives 7 1/2-15 HP (5.50-11 kW)	213.20
70394336	6SL3202-0AE23-8CA0	Drive Output Reactor for Drives 20 HP (15 kW)	281.03

Replacement Fans for All V20 Drives



V20 Replacement Fan for FSB, FSC 230 VAC

Stock No.	Mfr.'s Type	Description	EACH
70281799	6SL3200-0UF01-0AA0	FSA Replacement Fan	18.99
70281800	6SL3200-0UF02-0AA0	FSB Replacement Fan	23.99
70281801	6SL3200-0UF03-0AA0	FSC Replacement Fan	25.00
70281802	6SL3200-0UF04-0AA0	FSD Replacement Fan	28.01