

SIMADYN D SR12.3

Product Data Sheet

6DD1682-0BC3

Twelve-slot subrack with power supply

MODULE SLOTS	BACKPLANE BUSES	BOARD FORMAT	INPUT SUPPLY
12	L-bus / C-bus	233.4 x 220 mm	115 / 230 V AC, +10% / -15%

Siemens 6DD1682-0BC3 is a SIMADYN D SR12.3 twelve-slot subrack for compatible SIMADYN D control modules. It provides the mechanical module carrier and the documented power-supply arrangement for configured industrial drive-control applications.

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VERIFIED TECHNICAL DATA

Module slots	12
Backplane buses	L-bus / C-bus
Board format	233.4 x 220 mm
Input supply	115 / 230 V AC, +10% / -15%
Input frequency	47.5 to 62.5 Hz
Input current	4 A at 115 V / 2 A at 230 V
Maximum surge voltage	460 V for 1.3 ms
Supply interruption tolerance	0 V for 10 ms; recovery 10 s
5 V rail	5.1 ±0.1 V / 0 to 26 A
5 V ripple	<50 mV peak-to-peak

ADDITIONAL PRODUCT DATA

Positive 15 V rail	+15 $\pm$ 0.3 V / 0 to 3.3 A
Negative 15 V rail	-15 $\pm$ 0.3 V / 0 to 3 A
15 V rail ripple	<150 mV peak-to-peak
Power-supply configuration	SP22.5 / fan-cooled
Reset connector	X4: 2 contacts

DOCUMENTED USE SETTINGS

Commercial Printing and Coating Production: Industrial Printing and Coating.

Metal Manufacturing and Steel Processing: Sheet Steel Processing.

Textile Manufacturing and Fabric Production: Textile Production and Processing.

SYSTEM COMPATIBILITY

6DD1682-0BC3 belongs to the SIMADYN D SR12.3 family and provides the documented twelve-slot subrack with power supply function. Its module slots is 12; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMADYN D SR12.3 manufacturer documentation; applicable pages 50, 51, 52, 56, 57, 58, 59, 60