

SIMADYN D SR12.2

Product Data Sheet

6DD1682-0CD0

Twelve-slot subrack with power supply

MODULE SLOTS	BACKPLANE BUSES	BOARD FORMAT	INPUT SUPPLY RANGE
12	L-bus / C-bus	233.4 x 220 mm	20 to 30 V DC

Siemens 6DD1682-0CD0 is a SIMADYN D SR12.2 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.

01

VERIFIED TECHNICAL DATA

Module slots	12
Backplane buses	L-bus / C-bus
Board format	233.4 x 220 mm
Input supply range	20 to 30 V DC
Input current	16 A
Maximum surge voltage	35 V for 500 ms
Surge recovery interval	50 s minimum
Supply interruption tolerance	0 V for 5 ms; recovery 0.1 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	SP23 / without fan
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

6DD1682-0CD0 belongs to the SIMADYN D SR12.2 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 SR12.2 manufacturer documentation; applicable pages 50, 51, 52, 56, 57, 58, 59, 60