6DD1682-0BB1

Industrial automation components

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Manufacturer	Siemens
Catalog number	6dd1682-0bb1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	SIMADYN D Module Subrack
Dimensions	233.4 x 220 mm²
Number of Slots	12 slots
Power Supply	Integrated with line filter
Front Panel Elements	Green LED, Red LED, Battery Compartment, Supply Voltage Connection, External Battery Connection, Reset Function

Description

The Siemens 6DD1682-0BB1 is a SIMADYN D module subrack designed for industrial automation systems. This subrack accommodates SIMADYN D modules with dimensions of 233.4 x 220 mm², providing a robust and organized housing for these components. It features an integrated power supply that delivers necessary voltages to the modules via two backplane buses: the L bus and the C bus, facilitating efficient data transfer between modules. The subrack is equipped with 12 slots, each identified by a labeling strip, allowing for easy organization and maintenance of the modules. The power supply includes a line filter that limits radio interference voltage to class A standards in accordance with VDE 0871, ensuring compliance with electromagnetic compatibility requirements. Front panel elements include a green LED indicating error-free operation, a red LED signaling fault conditions, a compartment for the back-up battery, and connections for supply voltage and an optional external back-up battery. Additionally, a reset function is available for cold restarting the modules. This subrack is suitable for applications requiring reliable and organized housing for SIMADYN D modules, ensuring efficient operation and maintenance of industrial automation systems.

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