

SIMOREG DC MASTER

DC Drive Module

Model: 6RY1803-5PS20

The SIMOREG DC MASTER 6RY1803-5PS20 is a robust DC drive module designed for industrial motor control applications. It provides high-precision speed and torque regulation, advanced diagnostics, and reliable operation under demanding conditions.

Key Features

Feature	Description
High-performance DC control	Accurate speed and torque regulation
Integrated diagnostics	Fault detection and system monitoring
Flexible communication	Supports automation system integration
Compact design	Space-saving modular structure
Industrial reliability	Suitable for continuous operation

Technical Data

Parameter	Value
Product Family	SIMOREG DC MASTER
Model	6RY1803-5PS20
Supply Voltage	3AC 400–690 V
Control Type	Digital DC Drive
Cooling	Forced Air
Protection	IP20
Temperature Range	0 °C to +40 °C

Order Code Structure

6RY1803 - 5PS20 • 6RY1803: SIMOREG base series • 5PS20: Specific variant and configuration

Applications

• Crane systems • Rolling mills • Heavy machinery • Industrial automation systems

Function Description

Provides closed-loop control of DC motors, including armature current and field control, ensuring stable and efficient operation.

Integration

Compatible with PLC and DCS systems via standard industrial communication interfaces.

Standards & Compliance

Designed according to IEC standards. Specifications subject to change without notice.