

SIMOREG DC MASTER

DC Drive Control Module

Order No.: 6RY1803-0AA26-0AA1

The SIMOREG DC MASTER series represents Siemens' established platform for high-performance DC drive systems. The 6RY1803-0AA26-0AA1 control module delivers precise speed and torque control, robust diagnostics, and seamless integration into industrial automation environments.

Key Features

Feature	Description
High dynamic response	Optimized for demanding DC motor applications
Integrated diagnostics	Comprehensive fault detection and monitoring
Flexible communication	Supports industrial automation interfaces
Modular architecture	Easy integration and maintenance
Industrial robustness	Designed for harsh operating environments

Technical Data

Parameter	Value
Product Family	SIMOREG DC MASTER
Order Number	6RY1803-0AA26-0AA1
Supply Voltage	3AC 400–690 V
Control Method	Digital DC Drive
Cooling Method	Forced air cooling
Degree of Protection	IP20
Ambient Temperature	0 °C to +40 °C

Order Code Structure

6RY1803 - 0AA26 - 0AA1 • 6RY1803: SIMOREG base unit series • 0AA26: Variant / rating / configuration • 0AA1: Version and revision level

Typical Applications

• Rolling mills • Cranes and hoisting systems • Paper and pulp machinery • Extrusion and processing lines • Heavy-duty industrial drives

Functional Description

The control module regulates armature and field currents to achieve precise motor control. It integrates closed-loop speed control, current limitation, and protection mechanisms to ensure stable and safe operation.

System Integration

The module can be integrated into PLC and DCS environments using standard industrial communication interfaces, enabling centralized monitoring and diagnostics.

Standards & Compliance

Conforms to IEC standards and industrial safety regulations. All technical data subject to change without notice.