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ORIENTAL MOTOR MRCU ROBOT CONTROLLER

MRCU robot controller

MRCU 5A K
Robot controller 5 axis

- Controls between 3 and 8 total robot axis
- Integrated MRC01 robot controller with built-in AZ Series motor drivers
- 24 VDC or 48 VDC
- EtherNet/IP™ industrial network communication and I/O control capability
- Supports point-to-point, linear, circular and arc interpolation motion control functions

PRODUCT DESCRIPTION

Oriental Motor MRCU Integrated Robot Controller & Drivers
The MRCU Series is a compact robot control platform that combines the MRC01 robot controller and multiple AZ Series motor drivers into a single package. Designed for use with Oriental Motor OVR robots, AZ Series actuators and custom robotic systems, it simplifies installation, reduces panel space requirements and enables efficient motion control through EtherNet/IP™ or I/O communication. The included MRC Studio software supports configuration, programming, commissioning and maintenance, making it ideal for machine builders and industrial automation applications.

Key Features:

- Integrated robot controller and motor drivers in a single compact unit
- Reduces wiring complexity and control panel space requirements
- Compatible with OVR robots, AZ Series actuators and custom robotic systems
- Supports EtherNet/IP™ and digital I/O control architectures
- Free MRC Studio software for programming, setup and maintenance
- Suitable for pick-and-place, assembly, inspection and material handling applications