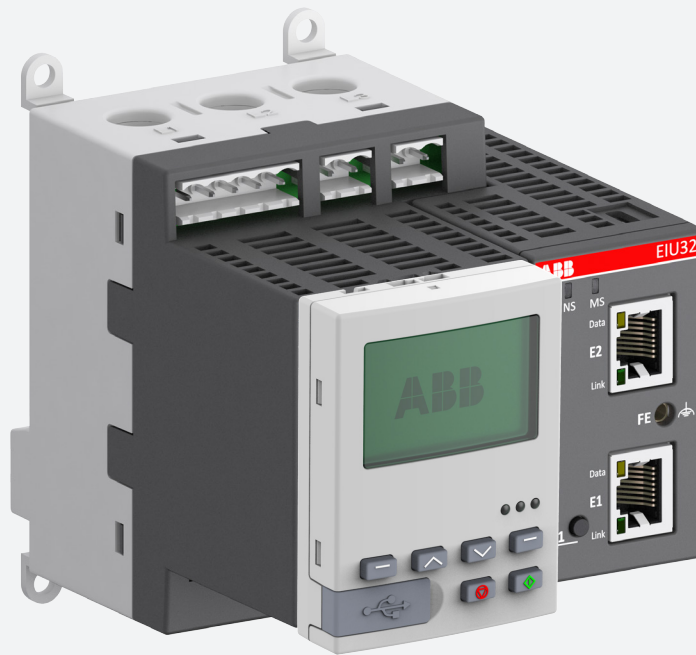


Universal Motor Controller UMC100.3

EtherNet/IP™ communication interface



Intelligent and multifunctional, ABB Universal Motor Controllers provide motor protection and control, fault diagnosis, Fieldbus as well as Ethernet communication. With the new EtherNet/IP™ interface, not only is one more way of communication possible – flexible mounting inside and outside drawers also helps maximize uptime.



Speed up your projects

The system's modular expandability enables optimal adaptation to your application. Even the basic UMC device fulfills the requirements of most applications, with a choice of different modules covering a wide range of applications making expansion easy. The programmable logic system makes application-specific control functions simpler to achieve.



Continuous operation

The UMC provides comprehensive electronic motor protection, even if the control system or fieldbus breaks down. The high-precision electronic measurement system enables optimal utilization of motors. Early pre-warnings and relevant diagnosis information via the new EtherNet/IP™ communications link prevents downtime and reactive maintenance.



Installation efficiency

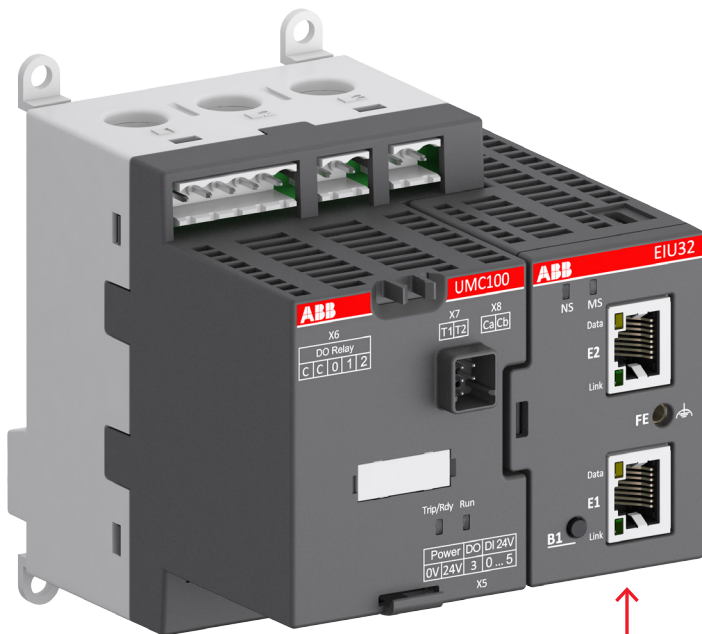
The new EIU32.0 module completes the range of communication interfaces and allows connection to all control systems based on EtherNet/IP™. The ability to mount this interface outside a drawer makes wiring easier, as there are no Ethernet cables inside the drawer. And removing a drawer no longer restricts communication.

EtherNet/IP™ communication interface

The EIU32.0 is an EtherNet/IP™ communication interface for remote communication. Its unique flexibility enables direct mounting on the Universal Motor Controller and separate mounting on an adapter.

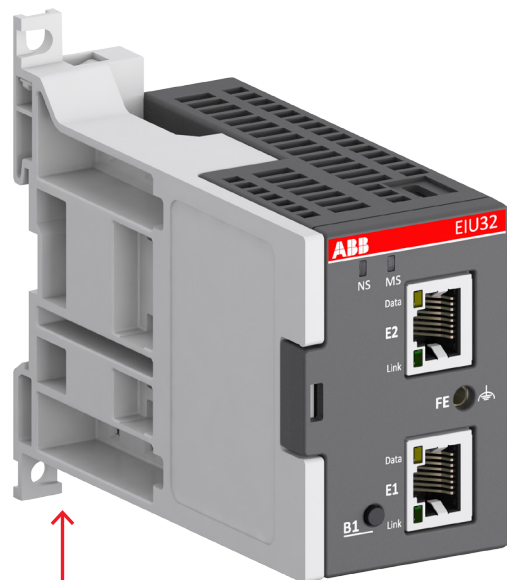
Features

- Two RJ45 Ethernet ports with switch for easy integration in all network topologies
- Beacon-based Device Level Ring (DLR) support for redundant ring communication
- ODVA-certified
- Web server for monitoring and maintenance
- Mountable in two ways: directly on an UMC100.3 or separately on an adapter outside the drawer



MAIN DEVICE
UMC100.3

ETHERNET INTERFACE
EtherNet/IP™ - EIU32.0



ADAPTER
SMK3.0

ETHERNET INTERFACE
EtherNet/IP™ - EIU32.0

Direct mounting

Mounting the EIU32.0 directly on the Universal Motor Controller means it can be handled like a single device with integrated EtherNet/IP™ functionality. Supply voltage is through the main device.

Separate mounting

Simplify wiring with separate mounting – no Ethernet communication cables are required inside the drawer. Separate mounting also makes redundant communication easy and requires no ring configuration. There is no need to close the Ethernet gap when a drawer is taken out and several drawers can be removed at the same time with no impact on communication.

ABB STOTZ-KONTAKT GmbH
Electrification Products Division
Low Voltage Products and Systems
Eppelheimer Straße 82
69123 Heidelberg
Germany

You can find the address of your local sales organization on the ABB homepage

abb.com/lowvoltage

Copyright© 2018 ABB - All rights reserved

