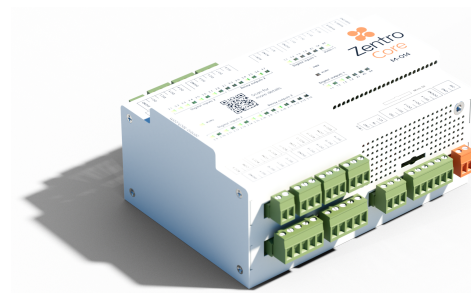


Zentro Core M-014

Programmable controller with 40 I/O points

Zentro Core M-014 is a Linux-based programmable logic controller for control, regulation and monitoring in building, HVAC and automation systems. It provides 20 digital inputs with pulse counters, 14 relay outputs, 4 transistor outputs with PWM, one analogue input and one analogue output, together with an RS-485 serial interface and a 1-Wire bus for temperature sensors. The unit mounts on a 35 mm DIN rail inside a closed distribution enclosure and is powered from 24 V DC.

Part number ZN-COREM-001



HIGHLIGHTS

Total I/O points	40
RS-485 channels	1
Ethernet	1 × 1 Gbit
Wireless	Wi-Fi IEEE 802.11 b/g/n · Bluetooth 5.0 BLE · internal antenna
Protocols	Modbus TCP · Modbus RTU · open programming interface · SysFS
Supply voltage	24 V DC (SELV)
Dimensions (W × H × D)	141 × 90 × 55.5 mm
Mounting	35 mm DIN rail (EN 50022) inside a closed distribution enclosure, holder included

TYPICAL APPLICATIONS

1. How many I/O points does the controller have?

40 physical I/O points: 20 digital inputs, 14 relay outputs, 4 transistor outputs, one analogue input and one analogue output.

2. How is the point count extended?

Through expansion modules on the RS-485 line using Modbus RTU. An expansion module defaults to 19 200 bps, 8N1, Modbus address 15.

3. Can the controller be mounted in any position?

No. It mounts on a 35 mm DIN rail inside a closed enclosure, vertically, with at least 80 mm clearance from the enclosure walls where there is no forced ventilation.

PRODUCT FAMILY

Zentro Core M-014 ←	ZN-COREM-001
Zentro Core L-028	ZN-COREL-001
Zentro Link	ZN-LINK-001
Zentro Sense	ZN-SENSE-001
Zentro Expand	ZN-EXPAND-001



Full detail and documents on the website — zentro-tech.com · Document number ZT-DS-CORE-M014-001-EN