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Технические характеристики

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DF20-C-PN-RT-V10

PROFINET bus, 2 RJ45, expandable to 32 modules, 24VDC

Product advantages

- ☑ PROFINET bus communication protocol
- ☑ Integrated power module.
- ☑ LED displays the operating status, providing alarm information and bus faults.
- ☑ Dual PROFINET connection (RJ45,10/100Mbps).
- ☑ Adhere to the characteristics of MRP media redundancy protocol ring.



DF20-C-EC

EtherCAT bus, 2 RJ45, expandable to 31 modules, 24VDC

Product advantages

- ☑ PROFINET bus communication protocol
- ☑ Integrated power module.
- ☑ LED displays the operating status, providing alarm information and bus faults.
- ☑ Dual PROFINET connection (RJ45,10/100Mbps).
- ☑ Adhere to the characteristics of MRP media redundancy protocol ring.



DF20-C-EN-IP

EtherNet/IP bus, 2 RJ45, expandable to 32 modules, 24VDC

Product advantages

- ✓ PROFINET bus communication protocol
- ✓ Integrated power module.
- ✓ LED displays the operating status, providing alarm information and bus faults.
- ✓ Dual PROFINET connection (RJ45,10/100Mbps).
- ✓ Adhere to the characteristics of MRP media redundancy protocol ring.



DF20-C-MD-TCP-V1

Modbus TCP/IP bus, 1 RJ45, expandable to 16 modules, 24VDC

Product advantages

- ✓ PROFINET bus communication protocol
- ✓ Integrated power module.
- ✓ LED displays the operating status, providing alarm information and bus faults.
- ✓ Dual PROFINET connection (RJ45,10/100Mbps).
- ✓ Adhere to the characteristics of MRP media redundancy protocol ring.



DF20-M-8DI-N

Digital input module, 8 outputs, NPN, 24VDC

Product advantages

- ✓ PROFINET bus communication protocol
- ✓ Integrated power module.
- ✓ LED displays the operating status, providing alarm information and bus faults.
- ✓ Dual PROFINET connection (RJ45,10/100Mbps).
- ✓ Adhere to the characteristics of MRP media redundancy protocol ring.



DF20-M-8DI-P

Digital input module, 8 outputs, PNP, 24VDC

Product advantages

- ✓ PROFINET bus communication protocol
- ✓ Integrated power module.
- ✓ LED displays the operating status, providing alarm information and bus faults.
- ✓ Dual PROFINET connection (RJ45,10/100Mbps).
- ✓ Adhere to the characteristics of MRP media redundancy protocol ring.



DF20-M-16DI-N

Digital input module, 16 outputs, NPN, 24VDC

Product advantages

- ✓ The digital input module can receive control signals from on-site devices such as sensors.
- ✓ 32 channel digital input, NPN high level effective.
- ✓ Each input module is equipped with an anti-interference filter.
- ✓ Each input module comes with LED indicator lights.
- ✓ Isolation is achieved between the on-site layer and the system layer through optocouplers.
- ✓ Protection level IP20.



DF20-M-16DI-P

Digital input module, 16 outputs, PNP, 24VDC

Product advantages

- ✓ The digital input module can receive control signals from on-site devices such as sensors.
- ✓ 32 channel digital input, NPN high level effective.
- ✓ Each input module is equipped with an anti-interference filter.
- ✓ Each input module comes with LED indicator lights.
- ✓ Isolation is achieved between the on-site layer and the system layer through optocouplers.
- ✓ Protection level IP20.



DF20-M-32DI-N

Digital input module, 32 outputs, NPN, 24VDC

Product advantages

- ✓ The digital input module can receive control signals from on-site devices such as sensors.
- ✓ 32 channel digital input, NPN high level effective.
- ✓ Each input module is equipped with an anti-interference filter.
- ✓ Each input module comes with LED indicator lights.
- ✓ Isolation is achieved between the on-site layer and the system layer through optocouplers.
- ✓ Protection level IP20.



DF20-M-32DI-P

Digital input module, 32 outputs, PNP, 24VDC



DF20-M-8DO-N

Digital output module, 8 outputs, NPN, 24VDC



DF20-M-8DO-P

Digital output module, 8 outputs, PNP, 24VDC



DF20-M-16DO-N

Digital output module, 16 outputs, NPN, 24VDC



DF20-M-16DO-P

Digital output module, 16 outputs, PNP, 24VDC



DF20-M-32DO-N

Digital output module, 32 outputs, NPN, 24VDC



DF20-M-32DO-P

Digital output module, 32 outputs, PNP, 24VDC



DF20-M-4AI-U-0

Analog input module, 4 outputs, -10...+10V, voltage type



DF20-M-4AI-U-1

Analog input module, 4 outputs, 0...+10V, voltage type



DF20-M-4AI-U-4

Analog input module, 4 outputs, (0...+10V) (-10...+10V), voltage type



DF20-M-8AI-U-4

Analog input module, 8 outputs, (0...+10V) (-10...+10V), voltage type



DF20-M-4AI-I-2

Analog output module, 4 outputs, 0... 20mA, current mode



DF20-M-4AI-I-3

Analog output module, 4 outputs, 4... 20mA, current mode



DF20-M-4AI-I-5

Analog output module, 4 outputs, (0... 20mA) (4... 20mA), current mode



DF20-M-8AI-I-5

Analog output module, 8 outputs, (0... 20mA) (4... 20mA), current mode



DF20-M-4AO-U-0

Analog output module, 4 outputs, -10...+10V, voltage type



DF20-M-4AO-U-1

Analog output module, 4 outputs, 0...+10V, voltage type



DF20-M-4AO-U-4

Analog output module, 4 outputs, -10...+10V, 0...+10V, voltage type



DF20-M-4AO-I-2

Analog output module, 4 outputs, 0... 20mA, current type



DF20-M-4AO-I-3

Analog output module, 4 outputs, 4... 20mA, current type



DF20-M-4AO-I-5

Analog output module, 4 outputs, 0... 20mA, 4... 20mA, current type



DF20-M-2RTD-PT

Thermal resistance (RTD) measurement module, 16 bit resolution, 2 channels



DF20-M-4RTD-PT

Thermal resistance (RTD) measurement module, 16 bit resolution, 4 channels



DF20-M-4TC-KETJ

Thermocouple (TC) module, 4 outputs, 16 bit resolution



DF20-M-8TC-KETJ

Thermocouple (TC) module, 8 outputs, 16 bit resolution



DF20-M-1CNT-EL-4

Encoder input module, 1 channel, 24V



DF20-M-1CNT-EL-5

Encoder input module, 1 channel, 5V



DF20-M-1CNT-ELP-5

Encoder output module/pulse output, 1 channel, 5V



DF20-M-2CNT-PIL-4

Pulse counting module, 2-channel, 24V



DF20-M-2CNT-PIL-5

Pulse counting module, 2-channel, 5V



DF20-M-2LC-S-5

Bridge measurement module, 16 bit resolution, 2 channels



DF20-M-DC-U-5

Voltage distribution module, 24VDC to 5VDC



DF20-M-DC-U-24

Voltage distribution module, 16 channel 24VDC



DF20-M-DC-U-0

Voltage distribution module, 16 channel 0VDC



DF20-M-T-8L

Expansion module, 8-channel two wire expansion



DF20-M-DC-UD-5

Voltage distribution module, 24VDC to 5VDC



DF20-M-1COM-232/485/422

Serial communication module, 1 channel

Product advantages

- ☑ Support 1-way RS485, RS232, or RS422 (one out of three);
- ☑ Support Modbus/RTU master station, slave station mode, and free transparent mode;
- ☑ Applied to PLC, frequency converters, scanning guns, electricity meters, water meters, on-site measurement equipment, and other instruments.

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