

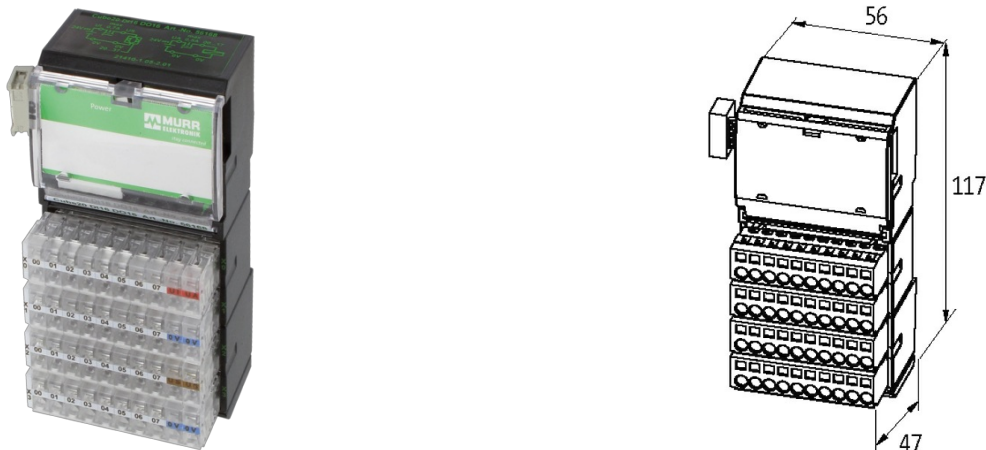
## CUBE20 DIGITAL IN-/OUTPUT MODULE

16 digital inputs and 16 digital outputs

Expansion module  
Digital inputs  
Digital outputs  
DI16/DO16 - (E)

### [Link to Product](#)

#### Illustration



Product may differ from Image

#### General data

Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+55 °C (storage temperature -20...+85 °C)
Protection	IP20
Dimensions H×W×D	117×56×47 mm

#### Output

Lamp load	10 W
Galvanic isolation	500 V DC between outputs and internal communication
Actuator supply UA	24 V DC (EN 61131-2), max. 12 A
Switching current per output	max. 0.5 A (short-circuit and overload protected)

#### Input

Sensor supply US	24 V DC (EN 61131-2), max. 700 mA per module
Type	PNP (EN 61131-2)
Galvanic isolation	500 V DC between inputs and internal communication
Input filter	1 ms

#### Internal communication

Current consumption	max. 25 mA
Module supply	via system connection

#### Connections

Fieldbus	Ribbon cable connection
Sensor-system/actuator supply	8× spring clamp plug-in terminals, max. 2.5 mm <sup>2</sup> (max. 12 A)
I/O ports	32× spring clamp plug-in terminals, max. 2.5 mm <sup>2</sup>

#### Diagnostic

Communication status	via LED
Diagnostic via LED	per module and channel (only outputs)

Diagnostic via BUS	per module and channel
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Monitoring - under voltage	yes
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Monitoring - no voltage	no
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Short-circuit and overload	yes
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**Commercial data**

country of origin	DE
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customs tariff number	85176200
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EAN	4048879049245
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eClass	27242604
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Packaging unit	1.000
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