

CUBE20 SYSTEM INTERFACE TO CUBE67

8 multifunction channels, Power external

System connection

Power external

DIO8 - (BN) Cube67/20

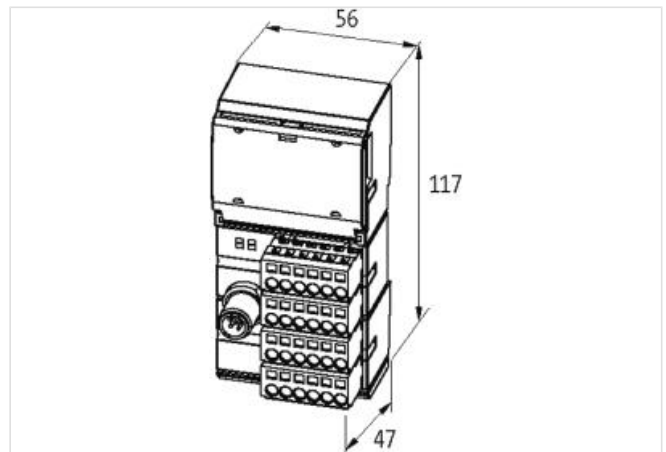
Connection cables are in the online shop under "Connection Technology".

[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 HxWxD	117x56x47 mm

Module supply

Operating voltage	24 V DC (EN 61131-2)
Current consumption	max. 100 mA

Output

Lamp load	10 W
Galvanic isolation	500 V DC between I/O and system electronics
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, short-circuit and overload protected
Type	PNP (EN 61131-2)
Galvanic isolation	500 V DC between I/O and system electronics
Input filter	1 ms

Cube system

Module capacity	max. 3
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Parameterization	
Terminal row X3 (4 channels)	Input/Output
Terminal row X2 (4 channels)	Input/Output
Connections	
Fieldbus	M12 (male) 6-pole
Sensor-system/actuator supply	4× spring clamp plug-in terminals, max. 2.5 mm ² (max. 12 A)
I/O ports	8× spring clamp plug-in terminals, max. 2.5 mm ²
Product article number of manufacturer	56450
Diagnostic	
Communication status	via LED
Diagnostic via LED	per module and channel (only outputs)
Diagnostic via BUS	per module and channel
Monitoring - under voltage	yes
Monitoring - no voltage	no
Short-circuit and overload	yes