

# **X20BB80X**

Data sheet 1.02 (February 2025)



#### **Publishing information**

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#### **Version history**

B&R makes every effort to keep documents as current as possible. The most current versions are available for download on the B&R website (www.br-automation.com).

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## 1 General information

### 1.1 Other applicable documents

For additional and supplementary information, see the following documents.

#### Other applicable documents

Document name	Title
MAX20	X20 System user's manual

#### 1.2 Order data

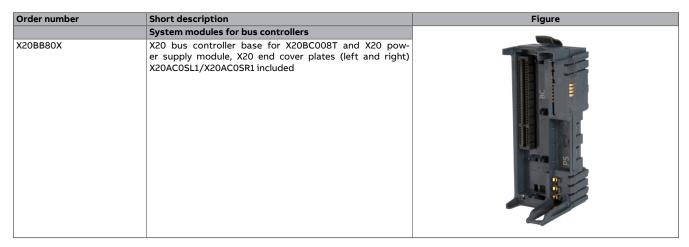


Table 1: X20BB80X - Order data

### 1.3 Module description

This bus module is a base for OPC UA TSN bus controller X20BC008T.

The left and right end cover plates are included in delivery.

• Bus base for OPC UA TSN bus controller X20BC008T

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# 2 Technical description

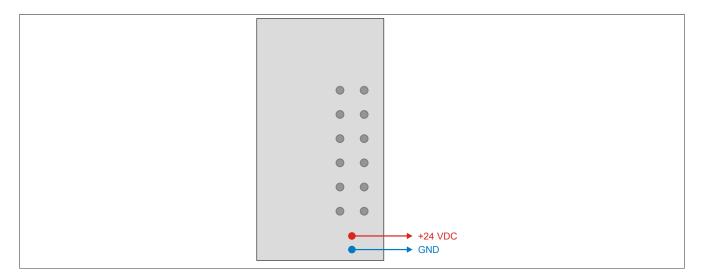
#### 2.1 Technical data

Order number	X20BB80X
Short description	
Bus module	Bus base - Backplane for bus controller fieldbus interface and bus controller power supply module
General information	
B&R ID code	0xF9E9
Power consumption	
Bus	0.55 W
Internal I/O	-
Additional power dissipation caused by actuators (resistive) [W]	-
Certifications	
CE	Yes
UKCA	Yes
I/O power supply	
Nominal voltage	24 VDC
Permissible contact load	10 A
Operating conditions	
Mounting orientation	
Horizontal	Yes
Vertical	Yes
Installation elevation above sea level	
0 to 2000 m	No limitation
>2000 m	Reduction of ambient temperature by 0.5°C per 100 m
Degree of protection per EN 60529	IP20
Ambient conditions	
Temperature	
Operation	
Horizontal mounting orientation	-25 to 60°C
Vertical mounting orientation	-25 to 50°C
Derating	-
Storage	-40 to 85°C
Transport	-40 to 85°C
Relative humidity	
Operation	5 to 95%, non-condensing
Storage	5 to 95%, non-condensing
Transport	5 to 95%, non-condensing
Mechanical properties	
Note	Left and right X20 end cover plates included in delivery
Pitch	37.5 <sup>+0.2</sup> mm

Table 2: X20BB80X - Technical data

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## 2.2 Voltage routing



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