

X20BB80X

Data sheet
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B&R Industrial Automation GmbH

B&R Strasse 1

5142 Eggelsberg

Austria

Telephone: +43 7748 6586-0

Fax: +43 7748 6586-26

office@br-automation.com

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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).

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


Order number	Short description	Figure
	System modules for bus controllers	
X20BB80X	X20 bus controller base for X20BC008T and X20 power supply module, X20 end cover plates (left and right) X20AC0SL1/X20AC0SR1 included	

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

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 ^{+0.2} mm

Table 2: X20BB80X - Technical data

2.2 Voltage routing

