X20(c)BM11

1 General information

The bus module serves as the base for all 24 VDC X20 I/O modules. The internal I/O supply is interconnected.

- · Bus module for 24 VDC I/O modules
- The internal I/O supply is interconnected

2 Coated modules

Coated modules are X20 modules with a protective coating for the electronics component. This coating protects X20c modules from condensation and corrosive gases.

The modules' electronics are fully compatible with the corresponding X20 modules.

For simplification purposes, only images and module IDs of uncoated modules are used in this data sheet.

The coating has been certified according to the following standards:

- Condensation: BMW GS 95011-4, 2x 1 cycle
- Corrosive gas: EN 60068-2-60, Method 4, Exposure 21 days







3 Order data

Model number	Short description	Figure
	Bus modules	
X20BM11	X20 bus module, 24 VDC keyed, internal I/O supply continuous	
X20cBM11	X20 bus module, coated, 24 VDC keyed, internal I/O supply continuous	

Table 1: X20BM11, X20cBM11 - Order data

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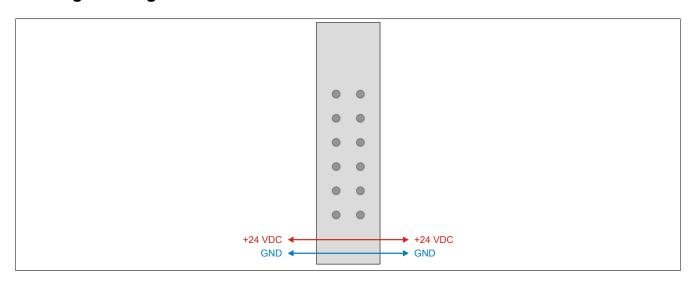
4 Technical data

Product ID	X20BM11 X20cBM11
Short description	
Bus module	Bus module, 24 VDC keyed, internal I/O supply continuous
General information	
Power consumption	
Bus	0.13 W
Internal I/O	-
Additional power dissipation caused by the actua-	-
tors (resistive) [W]	
Certification	
CE	Yes
cULus	Yes
cCSAus HazLoc Class 1 Division 2	Yes -
ATEX Zone 2 1)	Yes
KC	Yes -
GL	Yes
GOST-R	Yes
I/O supply	
Nominal voltage	24 VDC
Permitted contact load	10 A
Operating conditions	
Mounting orientation	
Horizontal	Yes
Vertical	Yes
Installation at elevations above sea level	
0 to 2000 m	No limitations
>2000 m	Reduction of ambient temperature by 0.5°C per 100 m
EN 60529 protection	IP20
Environmental conditions	
Temperature	
Operation	
Horizontal installation	-25 to 60°C
Vertical installation	-25 to 50°C
Derating	<u>-</u>
Storage	-40 to 85°C
Transport	-40 to 85°C
Relative humidity	
Operation	5 to 95%, non-condensing Up to 100%, condensing
Storage	5 to 95%, non-condensing
Transport	5 to 95%, non-condensing
Mechanical characteristics	
Spacing	12.5 ^{+0.2} mm

Table 2: X20BM11, X20cBM11 - Technical data

Ta min.: 0°C Ta max.: See environmental conditions

5 Voltage routing



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