X20BB22

1 General information

The bus module is the base for all X20 Compact CPUs.

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

- Base for all X20 Compact CPUs
- RS232 connection

2 Order data

Model number	Short description	Figure
	System modules for compact CPUs	
X20BB22	X20 compact CPU base, for compact CPU and compact CPU power supply module, base for integrated RS232 interface, X20 connection, X20 locking plates (left and right) X20AC0SL1/ X20AC0SR1 included	

Table 1: X20BB22 - Order data

3 Technical data

Model number	X20BB22
Short description	
Bus module	X20 compact CPU base - backplane for compact CPU and compact CPU supply module
Interfaces	1x RS232 connection
General information	
Power consumption	
Bus	0.32 W
Internal I/O	-
Additional power dissipation caused by actuators (resistive) [W]	-
Certifications	
CE	Yes
KC	Yes
EAC	Yes
UL	cULus E115267 Industrial control equipment
HazLoc	cCSAus 244665 Process control equipment for hazardous locations Class I, Division 2, Groups ABCD, T5
ATEX	Zone 2, II 3G Ex nA nC IIA T5 Gc IP20, Ta (see X20 user's manual) FTZÚ 09 ATEX 0083X
DNV GL	Temperature: **B** (0 - 55°C) Humidity: **B** (up to 100%) Vibration: **B** (4 g) EMC: **B** (bridge and open deck)
LR	ENV1
KR	Yes
I/O power supply	
Nominal voltage	24 VDC
Permissible contact load	10 A

Table 2: X20BB22 - Technical data

Model number	X20BB22
Electrical properties	
Electrical isolation	Bus not isolated from RS232
Operating conditions	
Mounting orientation	
Horizontal	Yes
Vertical	Yes
Installation elevation above sea level	
0 to 2000 m	No limitations
>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 locking plates included in delivery
Spacing	37.5 $^{+0.2}$ mm

Table 2: X20BB22 - Technical data

4 Voltage routing

