

[Home](#) > [Products](#)

X20PS3300

| Technical Data | Basic Information | Accessories | Downloads |
|---|-------------------|---|-----------|
| Short description | | | ➤ |
| General information | | | ▼ |
| B&R ID code | | 0x1BC0 | |
| Status indicators | | Overload, operating state, module status | |
| Diagnostics | | | |
| Module run/error | | Yes, using LED status indicator and software | |
| Overload | | Yes, using LED status indicator and software | |
| Power consumption for X2X Link power supply ⓘ | | 1.42 W | |
| Power consumption ⓘ | | | |
| Internal I/O | | 0.6 W | |
| Additional power dissipation caused by actuators (resistive) [W] | | - | |
| Certifications | | | |
| CE | | Yes | |

| | |
|--------|--|
| UKCA | Yes |
| ATEX | Zone 2, II 3G Ex nA nC IIA T5 Gc IP20, Ta (see X20 user's manual) FTZÚ 09 ATEX 0083X |
| UL | cULus E115267 Industrial control equipment |
| HazLoc | cCSAus 244665 Process control equipment for hazardous locations Class I, Division 2, Groups ABCD, T5 |
| DNV | Temperature: B (0 to 55°C) Humidity: B (up to 100%) Vibration: B (4 g) EMC: B (bridge and open deck) |
| CCS | Yes |
| LR | ENV1 |
| KR | Yes |
| ABS | Yes |

| | |
|----|---|
| BV | EC33B Temperature: 5 - 55°C Vibration: 4 g EMC: Bridge and open deck |
| KC | Yes |

X2X Link power supply input ▼

| | |
|------------------------------------|--------------------------------------|
| Input voltage | 24 VDC -15% / +20% |
| Input current | Max. 0.7 A |
| Fuse | Integrated, cannot be replaced |
| Reverse polarity protection | Yes |

X2X Link power supply output ▼

| | |
|---------------------------------|--|
| Nominal output power | 7 W |
| Parallel connection | Yes ⓘ |
| Redundant operation | Yes |
| Overload characteristics | Short- circuit proof, temporary overload |

Input I/O power supply ▼

| | |
|------------------------------------|---|
| Input voltage | 24 VDC -15% / +20% |
| Fuse | Required line fuse: Max. 10 A, slow- blow |
| Reverse polarity protection | No |
| Output I/O power supply | ▼ |
| Nominal output voltage | 24 VDC |
| Behavior on short circuit | Required line fuse |
| Permissible contact load | 10 A |
| Electrical properties | ▼ |

Electrical isolation

X2X
Link
supply
isolated
from
X2X
Link
power
supply

I/O
supply
not
isolated
from
I/O
power
supply

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 | See section "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

Order 1x terminal block X20TB12 separately.
Order 1x power supply bus module X20BM01 separately

Pitch

12.5^{+0.2}
mm