

X20IF0000

Data sheet 1.05 (February 2025)



Publishing information

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

Disclaimer

All information in this document is current as of its creation. The contents of this document are subject to change without notice. B&R Industrial Automation GmbH assumes unlimited liability in particular for technical or editorial errors in this document only (i) in the event of gross negligence or (ii) for culpably inflicted personal injury. Beyond that, liability is excluded to the extent permitted by law. Liability in cases in which the law stipulates mandatory unlimited liability (such as product liability) remains unaffected. Liability for indirect damage, consequential damage, business interruption, loss of profit or loss of information and data is excluded, in particular for damage that is directly or indirectly attributable to the delivery, performance and use of this material.

B&R Industrial Automation GmbH notes that the software and hardware designations and brand names of the respective companies used in this document are subject to general trademark, brand or patent protection.

Hardware and software from third-party suppliers referenced in this document is subject exclusively to the respective terms of use of these third-party providers. B&R Industrial Automation GmbH assumes no liability in this regard. Any recommendations made by B&R Industrial Automation GmbH are not contractual content, but merely non-binding information for which no liability is assumed. When using hardware and software from third-party suppliers, the relevant user documentation of these third-party suppliers must additionally be consulted and, in particular, the safety guidelines and technical specifications contained therein must be observed. The compatibility of the products from B&R Industrial Automation GmbH described in this document with hardware and software from third-party suppliers is not contractual content unless this has been separately agreed in individual cases; in this respect, warranty for such compatibility is excluded in any case, and it is the sole responsibility of the customer to verify this compatibility in advance.

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).

2 X20IF0000 Data sheet V 1.05

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

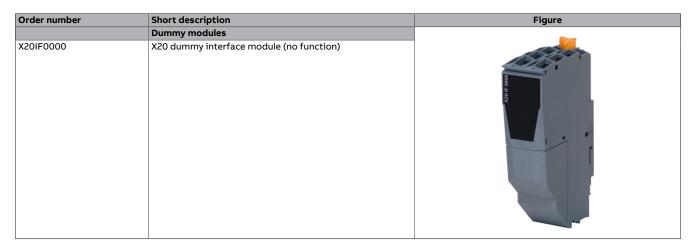


Table 1: X20IF0000 - Order data

1.3 Module description

Covers for unused interface module slots are included in delivery with the X20 controllers. If an X20 System is used in the maritime sector, the system is exposed to increased vibration loads. To achieve the stability required for operation, X20 IF dummy modules X20IF0000 are used instead of the covers.

- Cover for unused interface module slots
- IF dummy modules required if the X20 system is subjected to increased vibration fatigue
- Module with no electrical function

X20IF0000 Data sheet V 1.05 3

2 Technical description

2.1 Technical data

| Order number | X20IF0000 |
|--|---|
| Short description | |
| Accessories | Dummy module without function |
| General information | • |
| 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 - 55°C) Humidity: B (up to 100%) Vibration: B (4 g) EMC: B (bridge and open deck) |
| LR | ENV1 |
| KR | Yes |
| ABS | Yes |
| EAC | Yes |
| 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 | |
| Slot | In the X20 PLC, X20BB3x and X20BB8x |

Table 2: X20IF0000 - Technical data

4 X20IF0000 Data sheet V 1.05