



BPC101 Backplane Slot Cover

Empty slots on backplanes are useful for optional retrofits, machine variants or for keeping reserve space in plant construction. The BPC101 backplane slot cover protects each slot from mechanical influences, electrostatic discharge and contamination. BPC101 can be fitted both between mounted modules as well as mounted side by side. In both cases the achieved degree of protection is IP40.

Features

- M100 system backplane slot cover for 1 slot
- Compatible with BPR1nn and BPS1nn backplanes
- Direct side by side mounting or between modules
- Can be used for any slot (except 0/C)
- Screw mounting
- Captive screw
- Degree of protection IP40

| Part type designation | Part number |
|-----------------------|-------------|
| BPC101 | 00035559-00 |

| Common properties | |
|--|--|
| Basic function | Backplane slot cover for backplanes BPR1nn and BPS1nn |
| System | Bachmann system M100 |
| Product safety | |
| Degree of protection acc. IEC 60529 | IP40 |
| Protection class acc. IEC 61010-1, IEC 61010-2-201 | III |
| Material | PC/ABS |
| Environmental conditions | |
| Temperature, operating | -40 °C to +85 °C (any mounting position) |
| Temperature, transport and storage | -40 °C to +85 °C (any mounting position) |
| Installation altitude, max. | 4500 m |
| Air pressure | 106 kPa to 58 kPa (0 m to 4500 m) |
| Relative humidity, operation | 0 % to 100 % (passive plastic part) |
| Relative humidity, transport and storage | 0 % to 100 % (passive plastic part) |
| Pollution degree acc. IEC 61010-1 | 2 |
| Vibration | 6 g (14.1 Hz to 500 Hz) 7.5 mm amplitude (2 Hz to 14.1 Hz) Test duration: 15 h |
| Shock | 45 g max. (test scope 18 shocks) 20 g permanently (test scope 6000 shocks) |
| Approvals/certificates | |
| Product safety | CE, UKCA cULus (NRAQ, NRAQ7) |
| Hazard area operation | ATEX in preparation |
| Maritime | DNV, LR, ABS, BV, RINA, KR, NK in preparation |
| Hazardous substances and waste treatment | RoHS, RoHS China, REACH, WEEE |
| Mounting/installation | |
| Mounting type | Inserting and screwing onto the backplane with integrated M4 screw |
| Dimensions | |
| Number of slots | 1 |
| Size unpacked W × H × D | 49.1 mm × 152.5 mm × 23.3 mm |
| Mass unpacked | 58 g |

Order data

| Part type designation | Part number | Description |
|-----------------------|-------------|---|
| BPC101 | 00035559-00 | Backplane slot cover Backplane slot cover for 1 slot of backplanes BPR1nn and BPS1nn for system M100, plastic, module housing color, IP40, incl. M4 Phillips PH1 screw |