



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	ABS, BV, DNV, KR, LR, NK, RINA: 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