

Schneider Series Service Manual

BMXXBP0600

1. Description

The BMXXBP0600 backplane from Schneider Electric's Modicon series features six bus slots and is structured for compatibility with components like the BMXP34 processor and BMXCPS power supply. It has a slim depth of 0.7 inches and a weight of 0.79 kg, making installation manageable.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number BMXXBP0600
EAN	3595863908909
Weight	2.06 lbs (0.94 kg)
Product	or Component Type Backplane
Number	of slots 6 bus X
Product	Compatibility BMXP34 processor, BMXCPS power supply, I/O module
Power	consumption 1.68 W
Electrical	connection 1 connector (XBE) expansion module
Fixing	mode By 4 M4/M5/M6 screws panel
Height	103.7 mm
Width	307.6 mm
Depth	0.7 in
IP	Degree of Protection IP20
Ambient	air temperature 32...140 °F (0...60 °C)
Relative	Humidity 10...95 % without condensation
Product	certifications CE, UL, CSA, Merchant Navy
Standards	EN/IEC 61131-2, EN/IEC 61010-2-201, UL 61010-2-201
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Model	BMXXBP0600 serves as a backplane within Schneider Electric's renowned Modicon series. Structured with six bus X slots, this backplane is intended for use alongside components such as the BMXP34 processor and BMXCPS power supply. Power consumption is rated at 1.68 watts, which contributes to its efficient operation.

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Technical specifications for BMXXBP0600

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The backplane's electrical connectivity includes one expansion module connector (XBE), facilitating easy integration with additional modules. For installation purposes, the device uses four screws of M4, M5, or M6 dimensions to secure it against a panel. The design maintains compact dimensions, with a height of 103.7 mm, width of 307.6 mm, and a minimal depth of 0.7 inches. Portability is enhanced by its weight of 0.79 kg.

The operating environment for this product supports ambient temperatures ranging from 32 to 140 °F (0 to 60 °C) and retains functionality within a relative humidity range of 10 to 95 percent, provided condensation is absent. The device adheres to various international certifications, including CE, UL, and CSA, as well as standards like EN/IEC 61131-2 and UL 61010-2-201, ensuring reliability in diverse industrial applications.