

Schneider Series Service Manual

BMXFTB4000

1. Description

The BMXFTB4000 from Schneider Electric is a mounted terminal block designed for efficient wiring in Modicon series systems. It features 40 cage clamp terminals arranged in a compact gray housing, ensuring secure connections in various applications.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number BMXFTB4000
EAN	3606489485085
Weight	1.00 lbs (0.45 kg)
Color	Gray
Terminal	Block Height 53 mm
Number	of Terminals 40
Terminal	Type Cage Clamp
Mounting	Type Removable
Protection	Rating IP20
Operating	Temperature Range 0°C to 60°C
Storage	Temperature Range -25°C to 70°C
Relative	Humidity 5% to 95% (non-condensing)
Vibration	Resistance 5-9 Hz: 0.75 mm amplitude; 9-150 Hz: 1 g acceleration
Shock	Resistance 15 g for 11 ms
Flammability	Rating UL94 V-0
Certifications	CE, UL, cUL
Range	of Product
Modicon	X80
Accessory	/ Separate Part Type
Removable	connection block
Number	of terminals
40	removable cage clamp terminal block
Accessory	/ separate part destination
For	module with 40-pin removable terminal block
Complementary	
Net	Weight
0.42	lb(US) (0.19 kg)
Ordering	and shipping details
Category	
US1PC3418160	
Discount	Schedule
PC34	
GTIN	
3606489485085	
Returnability	
Yes	
Country	of origin
CN	
Packing	Units
Unit	Type of Package 1
PCE	
Nbr.	

3. Product Information

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Technical specifications for BMXFTB4000

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US1PC3418160

Discount Schedule

PC34

GTIN

3606489485085

Returnability

Yes

Country of origin

CN

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

1.378 in (3.500 cm)

Package 1 Width

2.165 in (5.500 cm)

Package 1 Length

6.102 in (15.500 cm)

Package weight(Lbs)

6.737 oz (191.000 g)

Description

Schneider Electric's BMXFTB4000 terminal block is crafted for use in Modicon automation systems. The device presents 40 cage clamp terminals, offering versatile wiring capabilities. Constructed in a gray finish, this terminal block stands 53 mm tall and has dimensions of 60 mm wide by 160 mm deep. Its lightweight design at 0.19 kg facilitates easy installation

within various setups.

It is designed with an IP20 protection class, allowing it to function effectively in typical control environments, safeguarding against solid foreign objects. Operating between 0°C and 60°C, this terminal block remains flexible under common operating conditions. Furthermore, it can be stored in more extreme conditions, withstanding temperatures as low as -25°C and as high as 70°C.

This model also supports a relative humidity range of 5% to 95% without condensation, making it suitable for diverse settings. The module demonstrates resistance to vibrations, managing frequencies from 5 to 9 Hz at an amplitude of 0.75 mm, and from 9 to 150 Hz, withstanding up to 1 g of acceleration. It is built to endure shocks, rated at 15 g for 11 milliseconds, ensuring durability during operation. In terms of safety, this terminal block adheres to UL94 V-0 flammability standards and holds multiple certifications, including CE, UL, and cUL, confirming its reliability for professional applications.