

BX Series

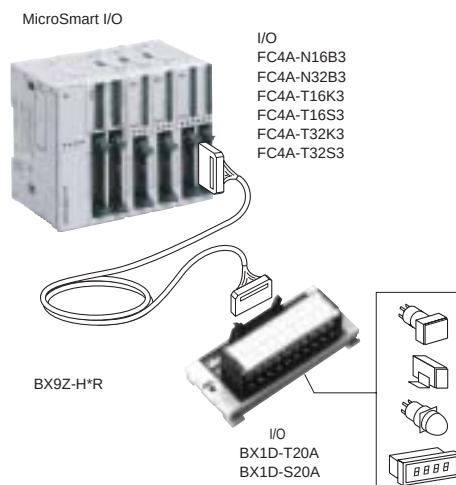
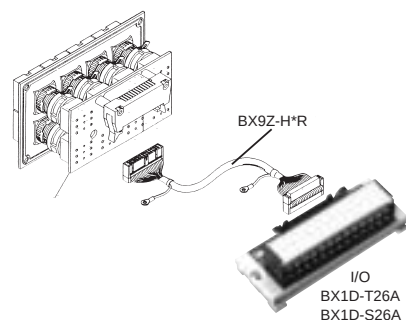
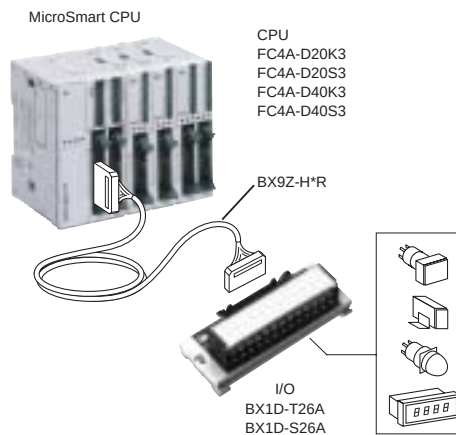
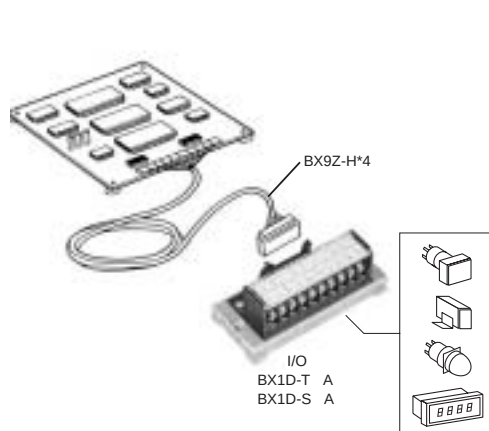


Key features of the BX series break-out modules include:

- Unique touch-down terminals
- All units are molded from UL94-V0 material with excellent flame- and shock-resistance
- Mount on DIN rail or flat surface
- Current capacity: 1A
- Available with 16, 20, 26, 34, 40, and 50 pins
- UL and CSA approvals
- Hinged covers with built-in marking strips

Specifications	Terminal Width	7.62mm (M3 screw)
	Rated Voltage	125V
	Rated Current	1A
	Rated Wire Size	22-14 AWG (2mm ²)
	Insulation Resistance	100MΩ minimum (500V DC)
	Dielectric Strength	500V AC, 1 minute
	Operating Temperature	-10 to 65°C
	Humidity Range	45 to 85% RH
	Housing Material	PPE resin (UL94-V0)
	Terminals/Connector	PBT resin (UL94-V0)

BX Series Application Examples



*See cable selection table next page.

Part Numbers

Part Numbers: Break-Out Modules and Cables

Accessories

	Pins	Terminal Style	Module Part Number	Cable Part Number			Remarks
				MIL to Single Connectors	MIL to MIL Shielded	MIL to MIL Non-shielded	
Standard MIL Connector Modules	16	Touch-down	BX1D-T16A	BX9Z-H#D4	—	—	
		Screw	BX1D-S16A				
	20	Touch-down	BX1D-T20A	BX9Z-H#E4	FC9Z-H100C20A or FC9Z-H#A20	FC9Z-H#B20	FC4A 16 & 32 point I/O modules
		Screw	BX1D-S20A				
	26	Touch-down	BX1D-T26A	FC9Z-H100C26A	FC9Z-H#A26	FC9Z-H#B26	FC4A 20 & 40 point I/O CPUs
		Screw	BX1D-S26A				
	34	Touch-down	BX1D-T34A	BX9Z-H#F4	—	—	
		Screw	BX1D-S34A				
	40	Touch-down	BX1D-T40A	BX9Z-H#G4	—	—	
		Screw	BX1D-S40A				
	50	Touch-down	BX1D-T50A	BX9Z-H#H4	—	—	
		Screw	BX1D-S50A				



1. For BX terminal arrangements, see page K-21.

2. # = length codes:

100 = 39.4" (1 meter)

200 = 78.7" (2 meter)

300 = 118.1" (3 meter)

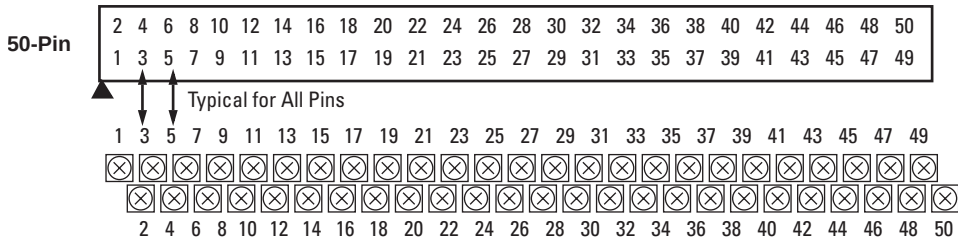
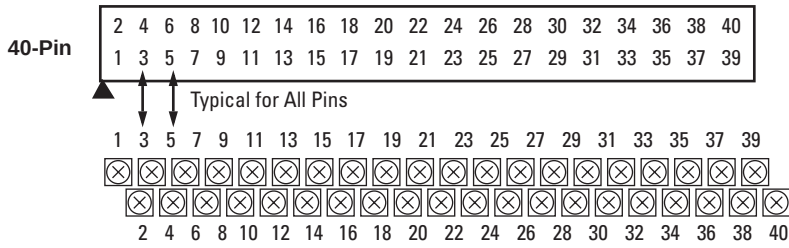
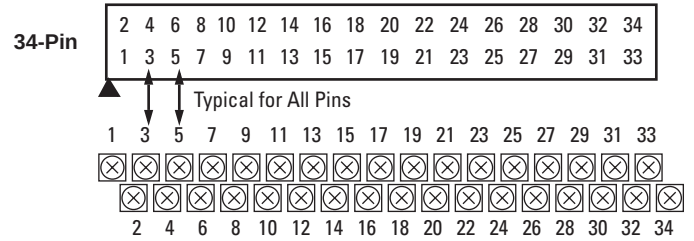
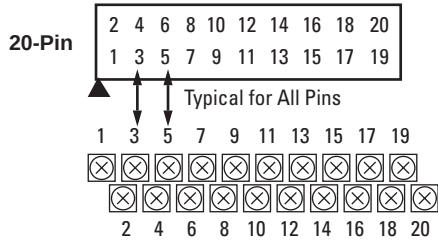
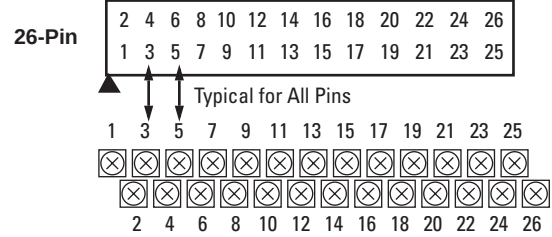
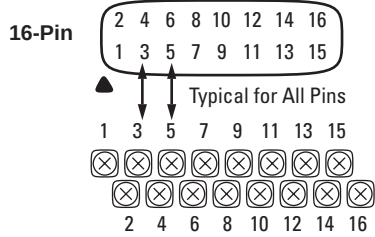
Part Numbers: DIN Rail, DIN Rail Stops, Marking Strips, and Fasteners

Description	Use with	Diagram	Part No.	Remarks
DIN Rail	All BX series		BNDN1000	1. The length is 39.37" (1,000mm). 2. For calculating the rail lengths required, see the instructions on page K-13. 3. DIN rail material is aluminum.
DIN Rail Stop	All BX series		BNL6	1. Rail stops prevent side-to-side movement. 2. Use rail stops on BNDN1000 DIN rails.



Marking strips are compatible with all terminal blocks.

Terminal Arrangements: BX Series



Dimensions: BX Series

Dimensions:

		Dimensions		Diagram
Part No.	Pins	L	A	
BX1D-T16A BX1D-S16A	16	3.66" (94mm)	3.27" (84mm)	
BX1D-T20A BX1D-S20A	20	4.29" (113mm)	3.89" (103mm)	
BS1D-T26A BX1D-S26A	26	5.20" (132mm)	4.80" (122mm)	
BX1D-T34A BX1D-S34A	34	6.38" (162mm)	5.98" (152mm)	
BX1D-T40A BX1D-S40A	40	7.28" (185mm)	6.89" (175mm)	
BX1D-T50A BX1D-S50A	50	8.78" (223mm)	8.39" (213mm)	