

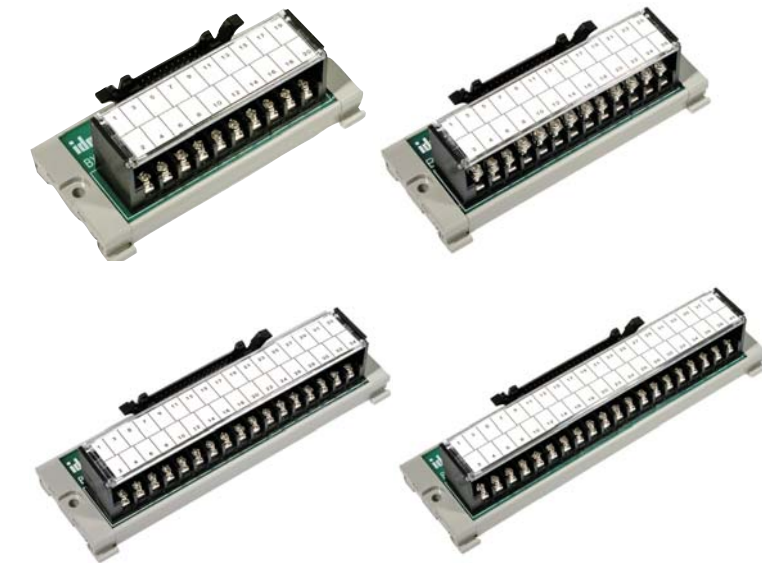
BX Series

Key features of the BX series include:

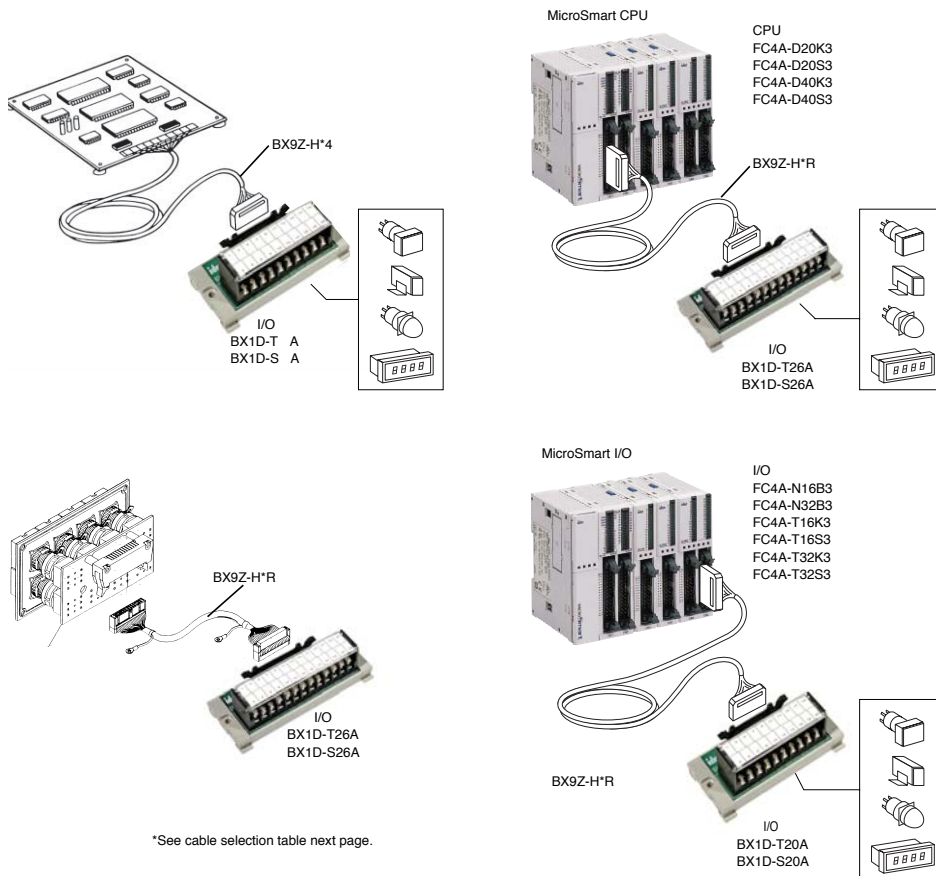
- Unique touch-down terminals
- All units are molded from UL94-V0 material with excellent flame- and shock-resistance
- Mount on DIN rail or flat surface
- Current capacity: 1A
- Available with 16, 20, 26, 34, 40, and 50 pins
- UL and CSA
- Hinged covers with built-in marking strips

Specifications

Terminal Width	7.62mm (M3 screw)
Rated Voltage	125V
Rated Current	1A
Rated Wire Size	22-14 AWG (2mm <sup>2</sup> )
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.

Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers

**Part Numbers**

**Part Numbers: Break-Out Modules and Cables**

**Accessories**

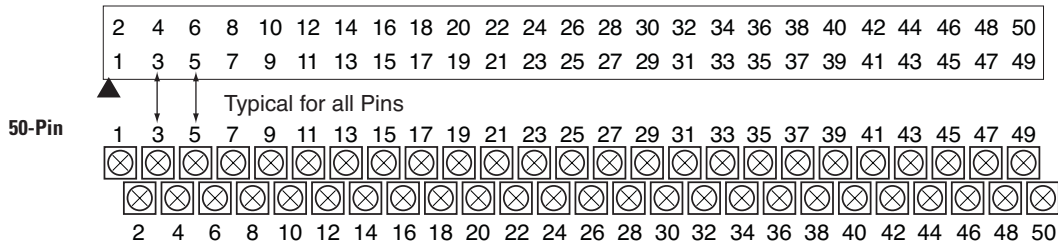
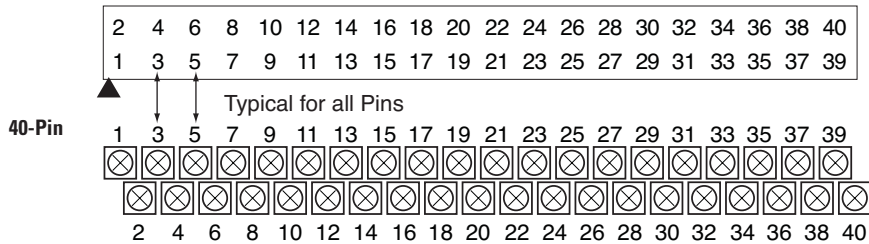
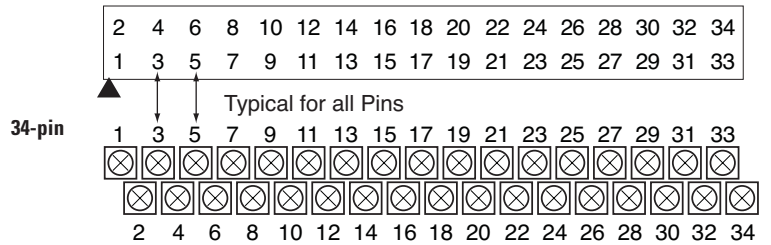
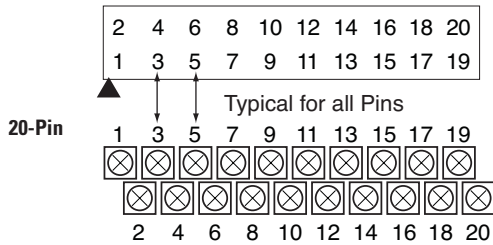
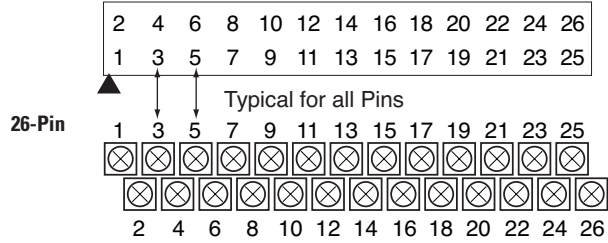
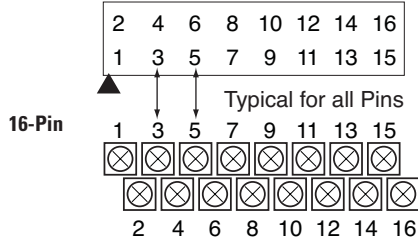
	Pins	Terminal Style	Module Part Number	Cable Part Number			Remarks
				MIL to Single Connectors	MIL to MIL Shielded	MIL to MIL Non-shielded	
<b>Standard MIL Connector Modules</b>	16	Touch-down	BX1D-T16A	BX9Z-H#D4	-	-	FC4A/FC5A 16 & 32 point I/O modules FC4A/FC5A 20 & 40 point I/O slim CPUs
		Screw	BX1D-S16A				
	20	Touch-down	BX1D-T20A	BX9Z-H#E4	FC9Z-H100C20A or FC9Z-H#A20	FC9Z-H#B20	
		Screw	BX1D-S20A				
	26	Touch-down	BX1D-T26A	FC9Z-H100C26A	FC9Z-H#A26	FC9Z-H#B26	
		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 879.  
 2. # = length codes:  
 100 = 39.4" (1 meter)  
 200 = 78.7" (2 meter)  
 300 = 118.1" (3 meter)

**Part Numbers: DIN Rail and DIN Rail Stops**

Description	Use with	Diagram	Part No.	Remarks
<b>DIN Rail</b>	All BX series		BNDN1000	1. The length is 39.37" (1,000mm). 2. For calculating the rail lengths required, see the instructions on page 876. 3. DIN rail material is aluminum.
<b>DIN Rail Stop</b>	All BX series		BNL6	1. Rail stops prevent side-to-side movement. 2. Use rail stops on BNDN1000 DIN rails.

Terminal Arrangements: BX Series



Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers

**Dimensions: BX Series**
**Dimensions**

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

Switches &amp; Pilot Lights

Display Lights

Relays &amp; Sockets

Timers

Terminal Blocks

Circuit Breakers