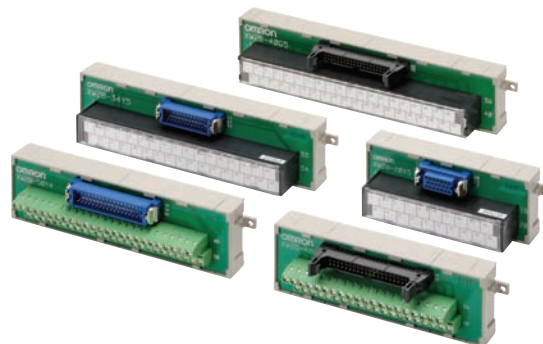


XW2B

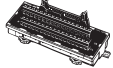
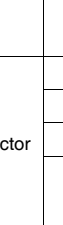
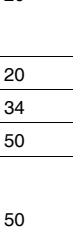



Simplifies Connector and terminal block replacement, and requires less in-panel wiring.

- Mount to DIN Track or via screws.
- MIL Flat Cable Connectors and Multi-pole, Square Connectors are standard.
- Terminal blocks available with either M3 or M3.5 screws.
- Connecting Cables for Programmable Controllers available (sold separately).



Ordering Information

Connectors

Type	Terminal Block	Connector	No. of poles	Appearance	Model
Flat Cable	Terminal block with M3 screws	Flat Cable Connectors *1	20		XW2B-20G4
			34		XW2B-34G4
			40		XW2B-40G4
			50		XW2B-50G4
			60		XW2B-60G4
	Terminal block with M3.5 screws		20		XW2B-20G5
			34		XW2B-34G5
			40		XW2B-40G5
			50		XW2B-50G5
			60		XW2B-60G5
Twin-connector	Terminal block with M3.5 screws	Flat Cable Connectors *1	40		XW2B-40G5-T
Daisy Chain			20		XW2B-20G5-D
Multi-pole, Square Connector	Terminal block with M3 screws	Multi-pole, Square Connector Plugs *2	20		XW2B-20Y4
			34		XW2B-34Y4
			50		XW2B-50Y4
	Terminal block with M3.5 screws		50		XW2B-50Y5

*1. Flat Cable Connectors have one polarity slot.

*2. These Plugs and Sockets are made by Honda Tsushin Kogyo.

Accessories (Order Separately)

Connecting Cables for Connector-Terminal Block Conversion Units

For details on the Connecting Cable used between XW2B Daisy Chain-type Connectors, refer to the *XW2Z datasheet*.

Ratings and Specifications

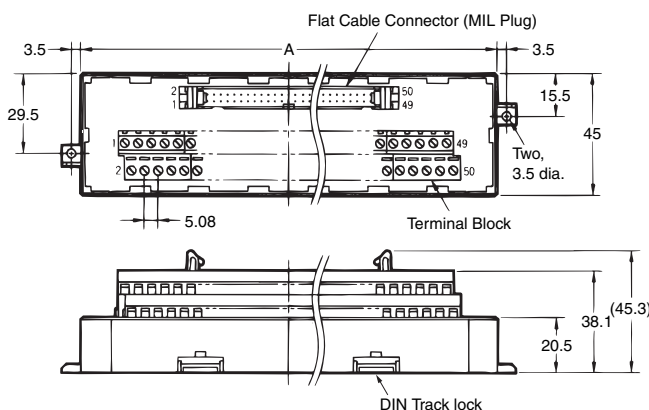
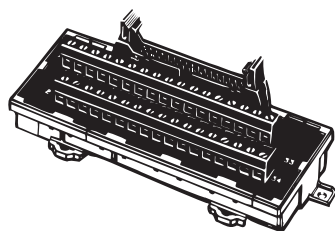
Item	Type	XW2B-□□G□ Flat Cable Units	XW2B-□□Y□ Multi-pole, Square-connector Units	XW2B-40F5-P Board I/O Unit
Rated current		1 A		
Rated voltage		125 VAC		
Insulation resistance		100 MΩ min. (at 500 VDC)		
Dielectric strength		500 VAC for 1 min (leakage current: 1 mA max.)		
Ambient operating temperature		0 to 55°C		

Dimensions

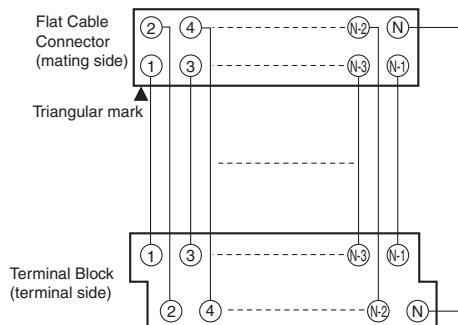
(Unit: mm)

Flat Cable Units with a Terminal Block with M3 Screws

XW2B-□□G4



Wiring Diagram



Note: All pins on the Flat Cable Connector correspond 1-to-1 to the terminal of the same number on the terminal block as shown above.

Dimensions

Model	No. of poles	Dimension A (mm)	Applicable Connector models *1
XW2B-20G4	20	67.5	XG4A-2031
XW2B-34G4	34	112.5	XG4A-3431
XW2B-40G4	40	135.0	XG4A-4031
XW2B-50G4	50	157.5	XG4A-5031
XW2B-60G4	60	180.0	XG4A-6031

*Flat Cable Connectors have one polarity slot.

Note: Terminal block pitch is 5.08 mm.

Use a wire size between 0.3 and 1.25 mm² (AWG22 to AWG16).

The wire insertion holes are 1.8 × 2.5 (H × W) mm.

Applicable Connectors

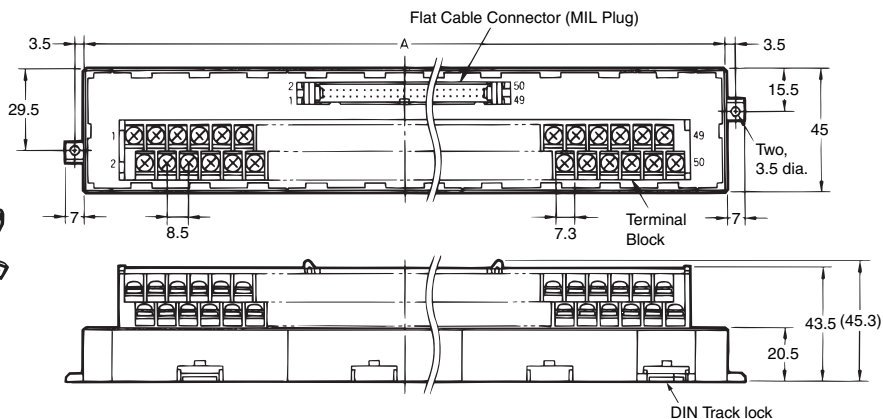
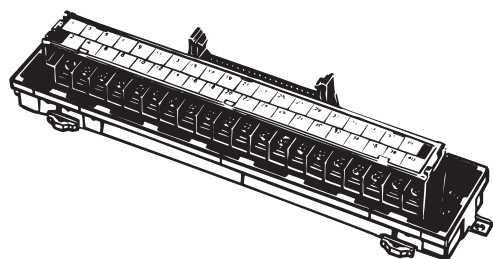
Model	Applicable Connectors (order separately)		
	Flat Cable Connectors, MIL Sockets with Strain Reliefs	Discrete-wire IDC Connectors, Double-row Sockets	
		Connectors *1	Semi-covers *2
XW2B-20G4	XG4M-2030-T	XG5M-2032-N XG5M-2035-N	XG5S-1001
XW2B-34G4	XG4M-3430-T	XG5M-3432-N XG5M-3435-N	XG5S-1701
XW2B-40G4	XG4M-4030-T	XG5M-4032-N XG5M-4035-N	XG5S-2001
XW2B-50G4	XG4M-5030-T	XG5M-5032-N XG5M-5035-N	XG5S-2501
XW2B-60G4	XG4M-6030-T	XG5M-6032-N XG5M-6035-N	XG5S-3001

*1. Either the XG5M-□□32-N or the XG5M-□□35-N may be used.

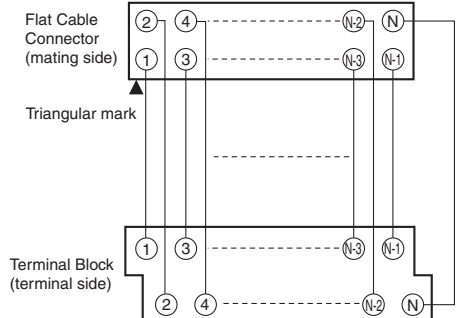
*2. Each Connector requires two Semi-covers.

Flat Cable Units with a Terminal Block with M3.5 Screws

XW2B-□□G5



Wiring Diagram



Note: All pins on the Flat Cable Connector correspond 1-to-1 to the terminal of the same number on the terminal block as shown above.

Dimensions

Model	No. of poles	Dimension A (mm)	Applicable Connector models *
XW2B-20G5	20	112.5	XG4A-2031
XW2B-34G5	34	180.0	XG4A-3431
XW2B-40G5	40	202.5	XG4A-4031
XW2B-50G5	50	247.5	XG4A-5031
XW2B-60G5	60	292.5	XG4A-6031

*Flat Cable Connectors have one polarity slot.

Note: Terminal block pitch is 8.5 mm.

Applicable Connectors

Model	Applicable Connectors (order separately)		
	Flat Cable Connectors, MIL Sockets with Strain Reliefs	Discrete-wire IDC Connectors, Double-row Sockets	
		Connectors *1	Semi-covers *2
XW2B-20G5	XG4M-2030-T	XG5M-2032-N XG5M-2035-N	XG5S-1001
XW2B-34G5	XG4M-3430-T	XG5M-3432-N XG5M-3435-N	XG5S-1701
XW2B-40G5	XG4M-4030-T	XG5M-4032-N XG5M-4035-N	XG5S-2001
XW2B-50G5	XG4M-5030-T	XG5M-5032-N XG5M-5035-N	XG5S-2501
XW2B-60G5	XG4M-6030-T	XG5M-6032-N XG5M-6035-N	XG5S-3001

*1. Either the XG5M-□□32-N or the XG5M-□□35-N may be used.

*2. Each Connector requires two Semi-covers.