

Models for Connection to OMRON PLCs

Push-in spring

Appearance	I/O Points (number of poles)	Model	Dimension A(mm)	Dimension B(mm)
	32 (34)	XW2R-P34G-C1	98.5	108
	32 (34)	XW2R-P34G-C2	98.5	108
	32 (34)	XW2R-P34G-C3	98.5	108
	32 (34)	XW2R-P34G-C4	98.5	108

Ratings and Specifications

Rated current	0.5A/signal, 4A/common
Rated voltage	24VDC
Insulation resistance	100MΩ min. (at 500VDC)
Dielectric strength	500VAC for 1 min
Ambient operating temperature	0 to 55
Applicable wires	AWG 24 to 14 (rod terminals), AWG 28 to 14 (twisted or solid wires) (Outer diameter of insulation must be 4 mm max)
	Stripped length AWG28-16: 8 to 10 mm, AWG14: 9 to 10 mm

Details on Crimp Terminals

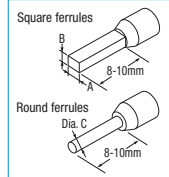
● Applicable Ferrules

- Use ferrules of the lengths and thicknesses specified below. If other lengths or thicknesses are used, connection may not be possible or it may not be possible to insert or remove the posts.

● Ferrule Dimensions

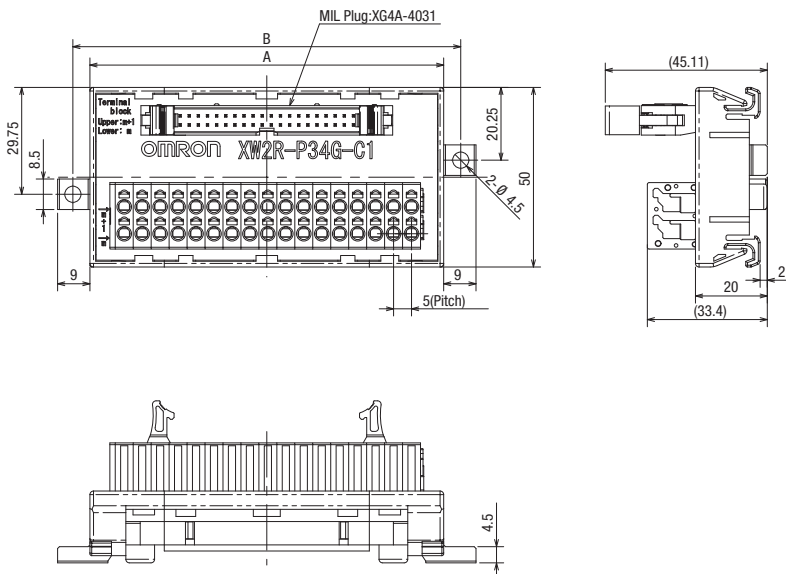
Square ferrules	Dimension A (Width)	2.7 mm max.	The cross-sectional area after crimping must be 4.8 mm² or less
	Dimension B (Height)	2 mm max.	
Round ferrules	Dimension C (Diameter)	2 mm dia. max. (after crimping)	

Refer to page 19 for information on Square/Round rods terminal and use tool.



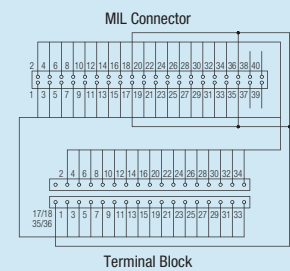
Dimensions

(Unit: mm)

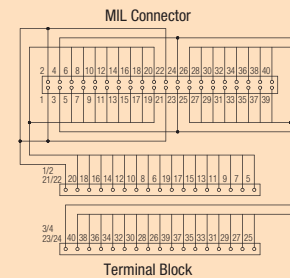


Wiring Diagram

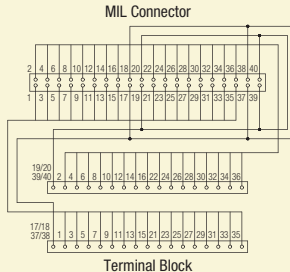
C1



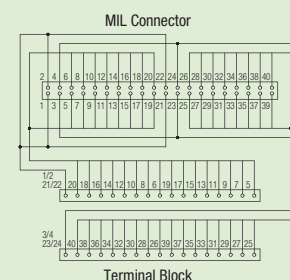
C2



C3



C4



Label Contents

For C1 and C2

m	+	1	NC	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
m	-	1	COM	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15

For C3 and C4

m	+	1	+V	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
m	-	1	0V	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15