

- G2RV-ST/G3RV-ST accessories are not compatible and cannot be used.

Short Bars

- PYDN-6.2ST-200R
- PYDN-6.2ST-200S
- PYDN-6.2ST-200Y

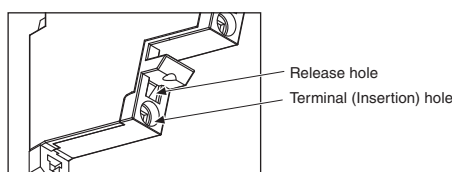
PLC interface unit

- P2RVC-8ST-I-5-1
- P2RVC-8ST-I-5
- P2RVC-8ST-I-7-1
- P2RVC-8ST-O-5-1
- P2RVC-8ST-O-5
- P2RVC-8ST-O-7-1

Push-In Plus Terminal Block

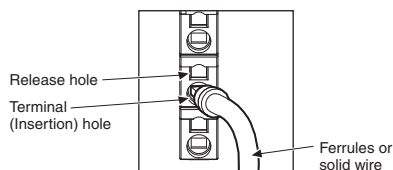
1. Connecting Wires to the Push-In Plus Terminal Block

Part Names of the Terminal Block



Connecting Wires with Ferrules and Solid Wires

Insert the solid wire or ferrule straight into the terminal block until the end strikes the terminal block.

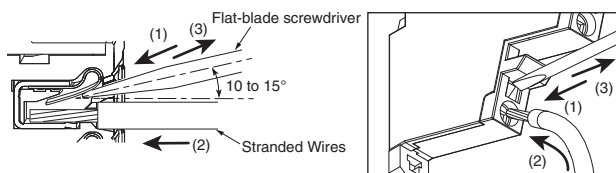


- If a wire is difficult to connect because it is too thin, use a flat-blade screwdriver in the same way as when connecting stranded wire.

Connecting Stranded Wires

Use the following procedure to connect the wires to the terminal block.

- (1) Hold a flat-blade screwdriver at an angle and insert it into the release hole.
The angle should be between 10° and 15°. If the flat-blade screwdriver is inserted correctly, you will feel the spring in the release hole.
- (2) With the flat-blade screwdriver still inserted into the release hole, insert the wire into the terminal hole until it strikes the terminal block.
- (3) Remove the flat-blade screwdriver from the release hole.



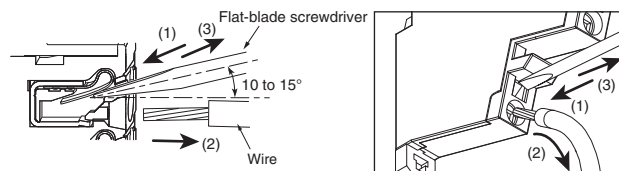
Checking Connections

- After the insertion, pull gently on the wire to make sure that it will not come off and the wire is securely fastened to the terminal block.
- If you use a ferrule with a conductor length of 10 mm, part of the conductor may be visible after the ferrule is inserted into the terminal block, but the product insulation distance will still be satisfied.

2. Removing Wires from the Push-In Plus Terminal Block

Use the following procedure to remove wires from the terminal block. The same method is used to remove stranded wires, solid wires, and ferrules.

- (1) Hold a flat-blade screwdriver at an angle and insert it into the release hole.
- (2) With the flat-blade screwdriver still inserted into the release hole, remove the wire from the terminal insertion hole.
- (3) Remove the flat-blade screwdriver from the release hole.

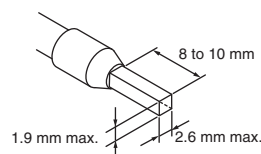


3. Recommended ferrules and Crimp Tools

Recommended ferrules

Applicable wire		Ferrules Conduct length (mm)	Stripping length (mm) (Ferrules used)	Recommended ferrules		
(mm²)	(AWG)			Phoenix Contact product	Weidmuller product	Wago product
0.25	24	8	10	Al 0,25-8	H0.25/12	216-301
		10	12	Al 0,25-10	---	---
0.34	22	8	10	Al 0,34-8	H0.34/12	216-302
		10	12	Al 0,34-10	---	---
0.5	20	8	10	Al 0,5-8	H0.5/14	216-201
		10	12	Al 0,5-10	H0.5/16	216-241
0.75	18	8	10	Al 0,75-8	H0.75/14	216-202
		10	12	Al 0,75-10	H0.75/16	216-242
1/1.25	18/17	8	10	Al 1-8	H1.0/14	216-203
		10	12	Al 1-10	H1.0/16	216-243
1.25/1.5	17/16	8	10	Al 1,5-8	H1.5/14	216-204
		10	12	Al 1,5-10	H1.5/16	216-244
Recommended crimp tool				CRIMPFOX6 CRIMPFOX6T-F CRIMPFOX10S	PZ6 roto	Variocrimp4

- Note:**
1. Make sure that the outer diameter of the wire is smaller than the inner diameter of the insulating sleeve of the recommended ferrule.
 2. Make sure that the ferrule processing dimensions conform to the following figure.



3. If you use AWG24 to AWG22 (0.25 to 0.34 mm²) wires, UL certification will not apply.

Recommended Flat-blade Screwdriver

Use a flat-blade screwdriver to connect and remove wires.

Use the following flat-blade screwdriver.

The following table shows manufacturers and models as of 2015/Dec.

