



APsystems 2300932202 25A AC Connector Installation Guide

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APsystems 2300932202 25A AC Connector



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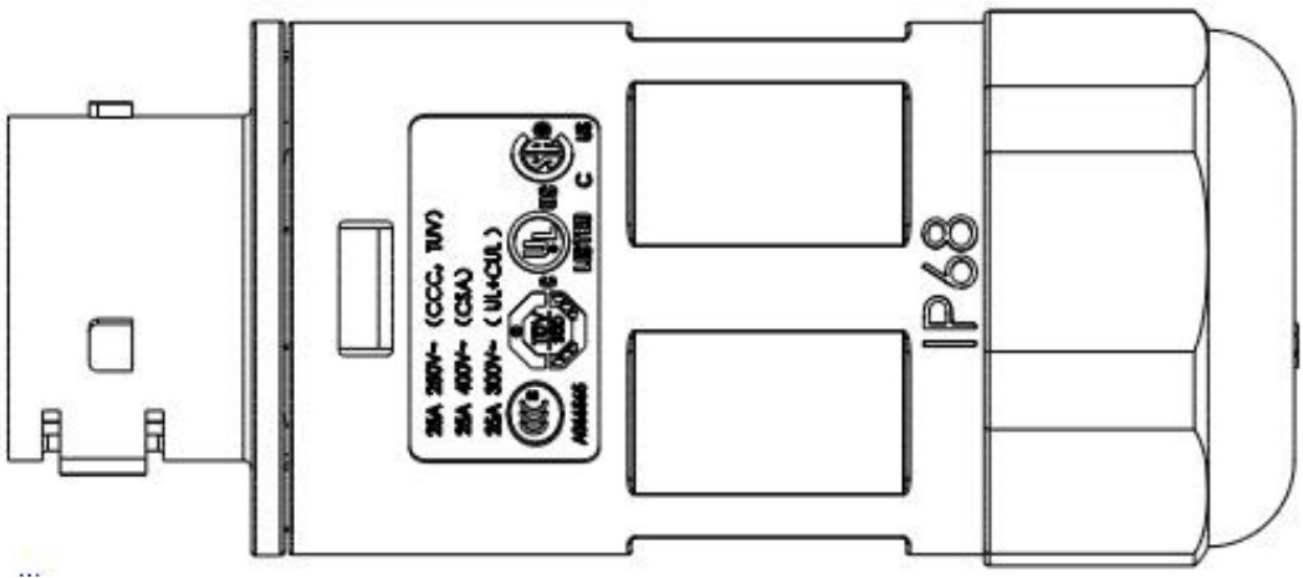
Installation Instructions

(For USA)

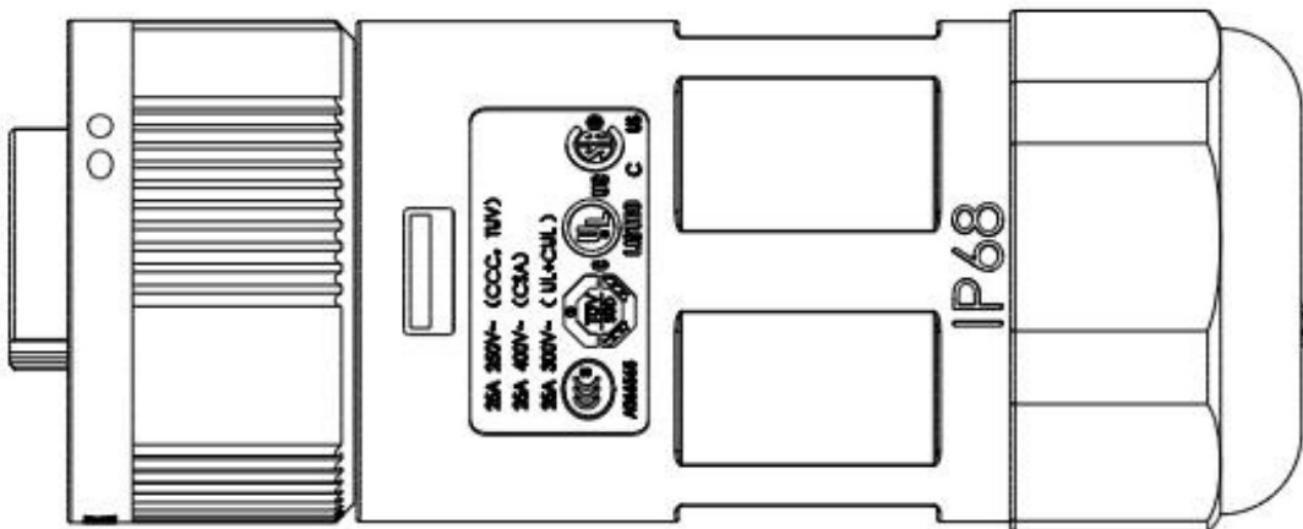
Tools: Cross screwdriver, wire stripper, solid wrench or monkey wrench .

Step 1. Verify the AC connector: Type is 25A AC Male Connector (EN,3-wire) or 25A AC Female Connector (EN,3-wire).

- 25A AC Male Connector(EN,3-wire)



- 25A AC Female Connector(EN,3-wire)

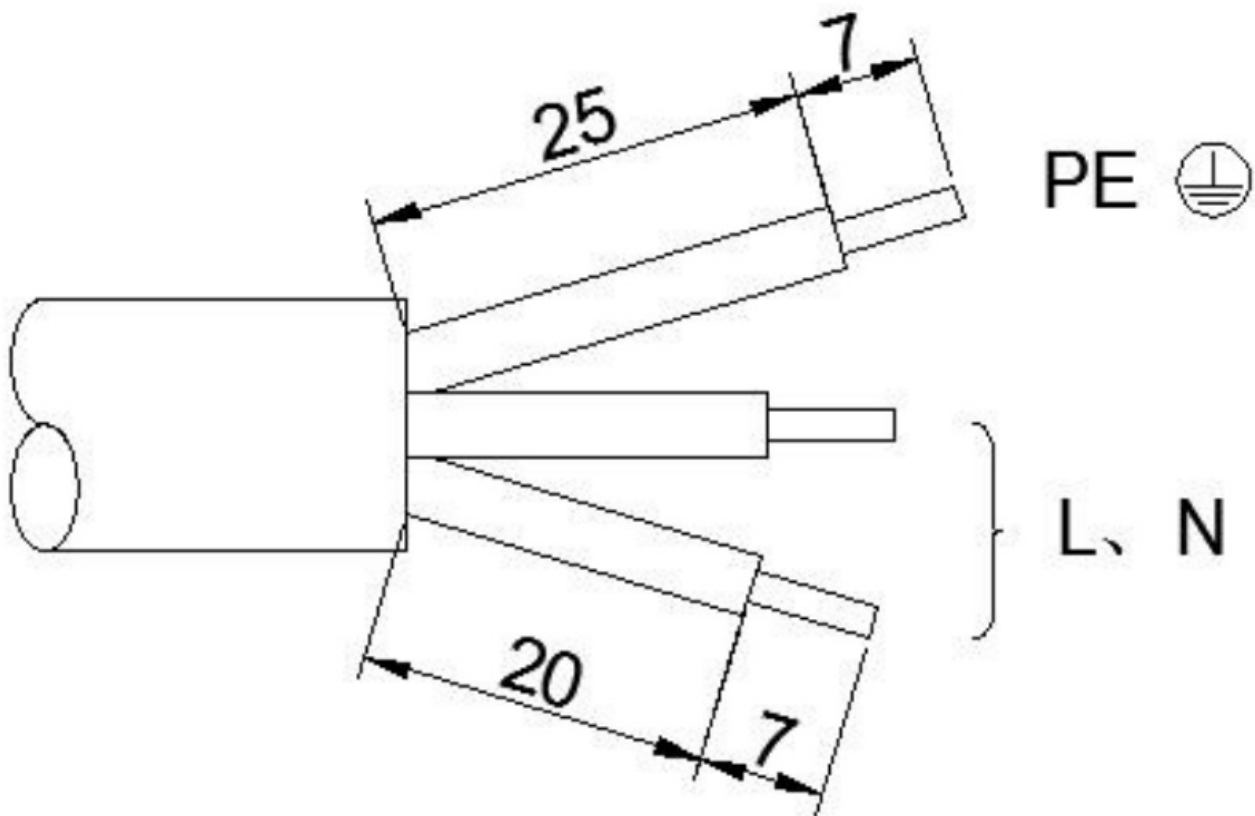


Step 2. Wire Stripping

Wire gauge: $3 \times 2.5\text{mm}^2 \sim 4\text{mm}^2$ (or 14AWG~12AWG)

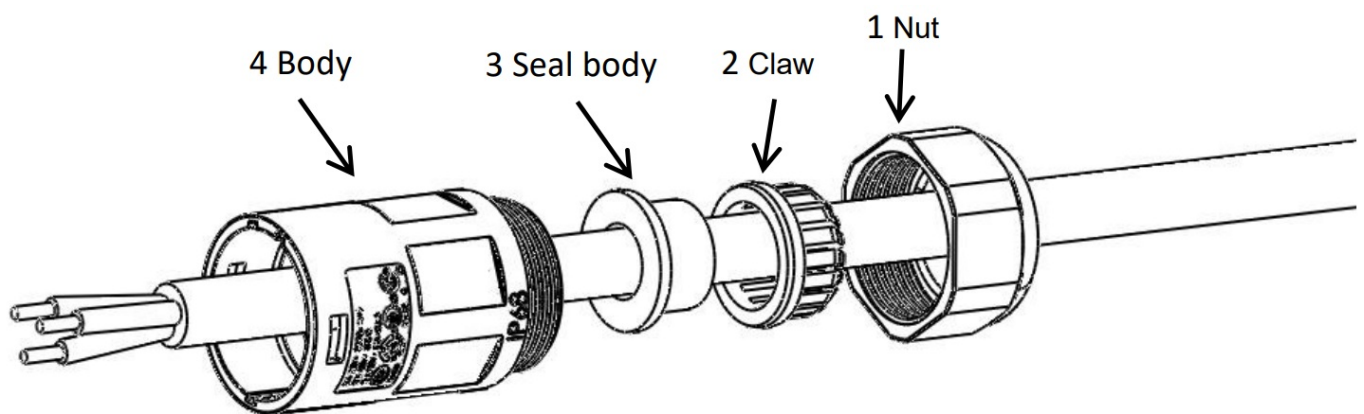
Cable OD: 10mm~12mm

Wire stripping size (mm): Earth wire is supposed to be longer than Live wire and Neutral wire.

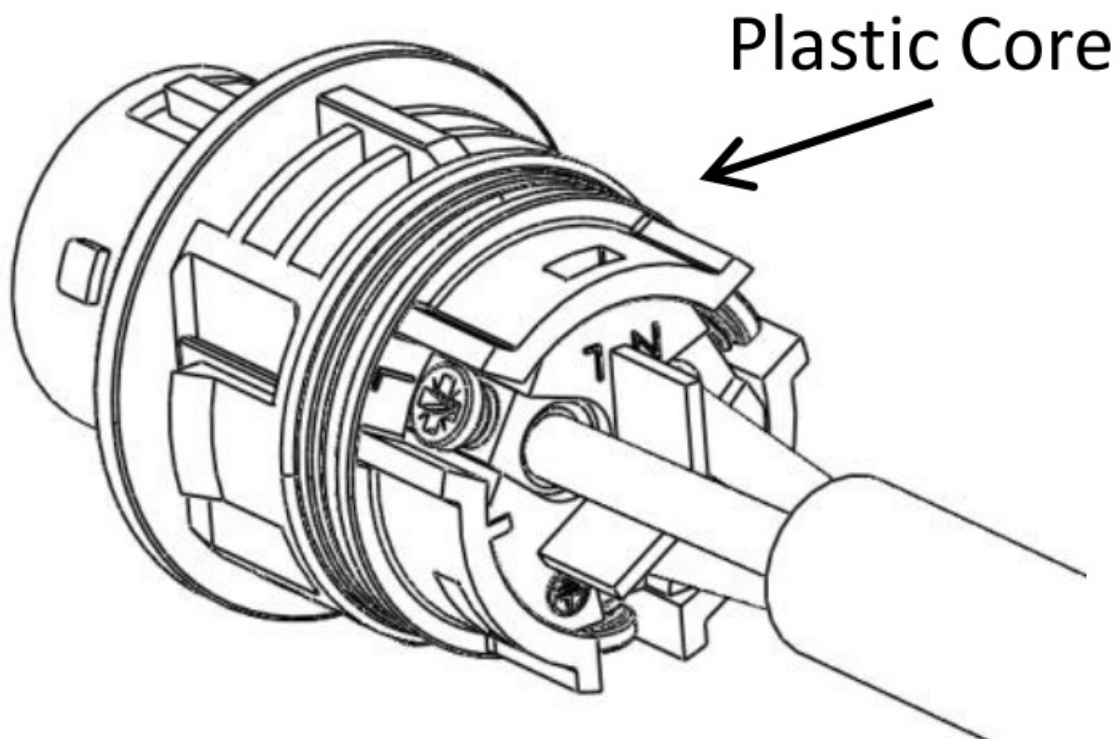


Step 3. Install the AC connectors

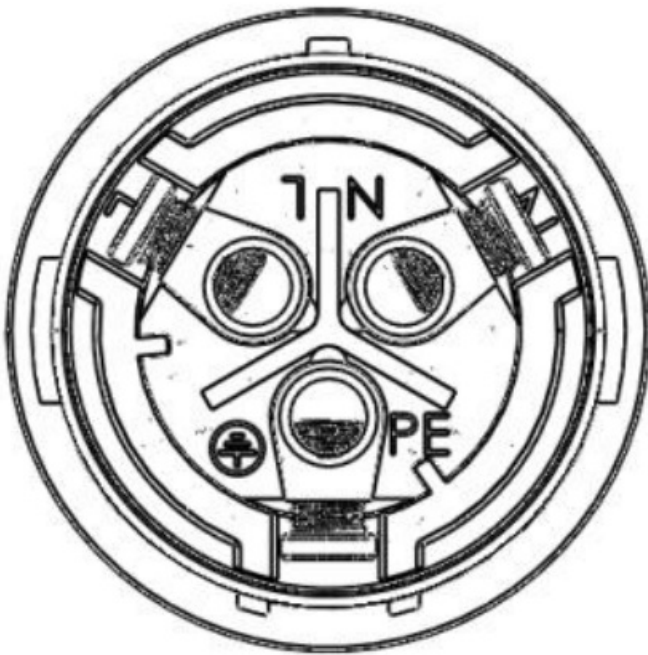
a. Set the parts on the cable according to the order of 1→2→3→4.



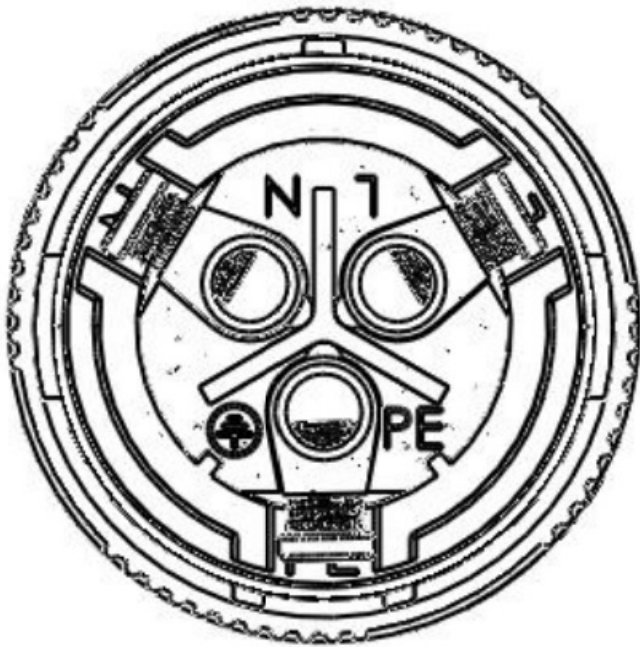
b. Crimp wires: the plastic core of connector is printed, please wire according to the print, screw twisting torque $0.8 \pm 0.1\text{N} \cdot \text{m}$.



- 25A AC Male Connector



- 25A AC Female Connector



NOTE: ①If the microinverter's output is L,N,PE, the wiring method is:

②If the microinverter's output is L,L,N, the wiring method is:

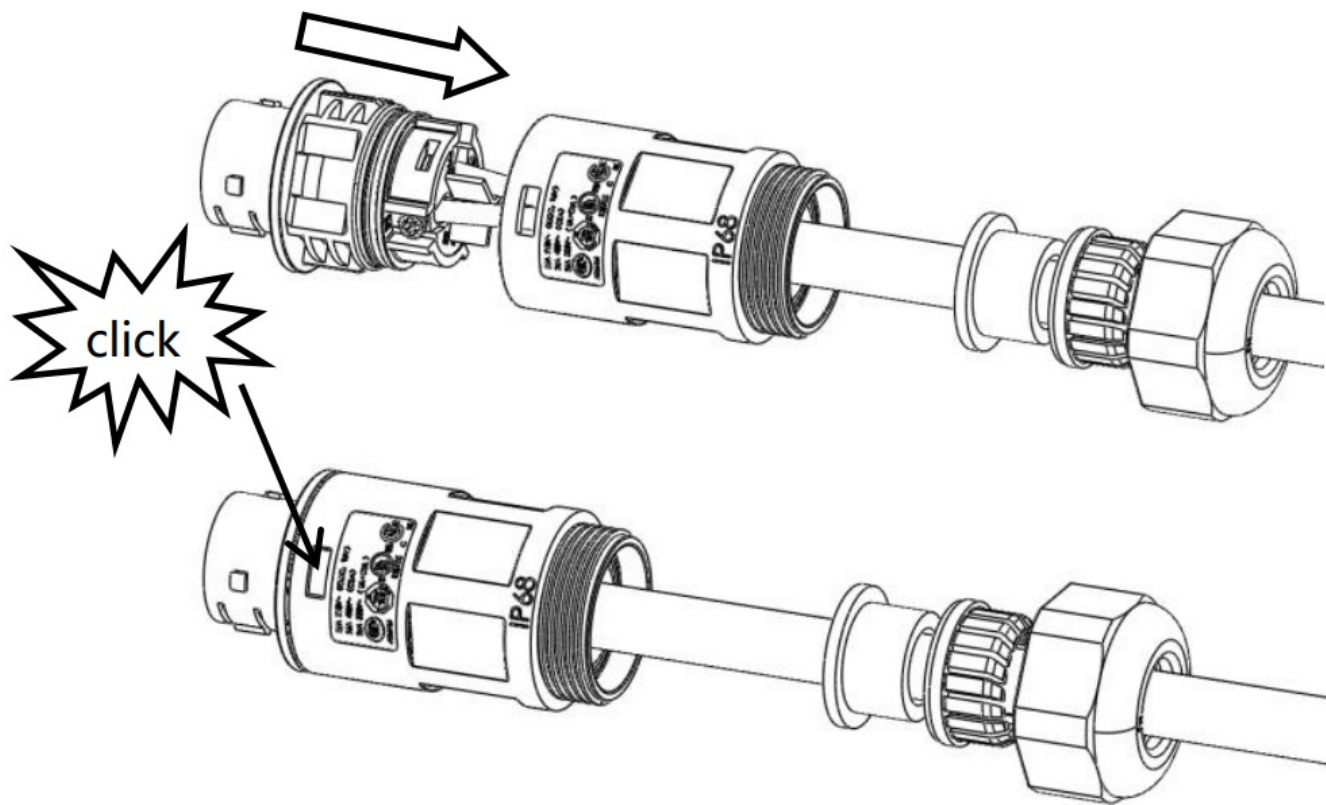
①

Connector	Power Grid
L	L
N	N
PE	PE

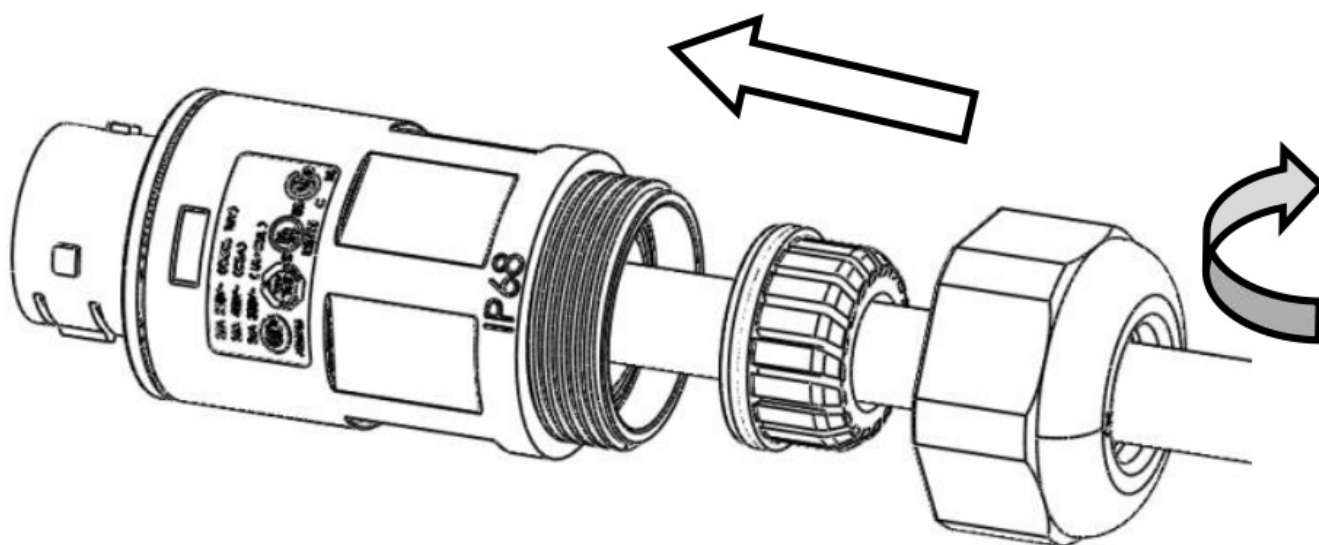
②

Connector	Power Grid
L	L
N	N
PE	N

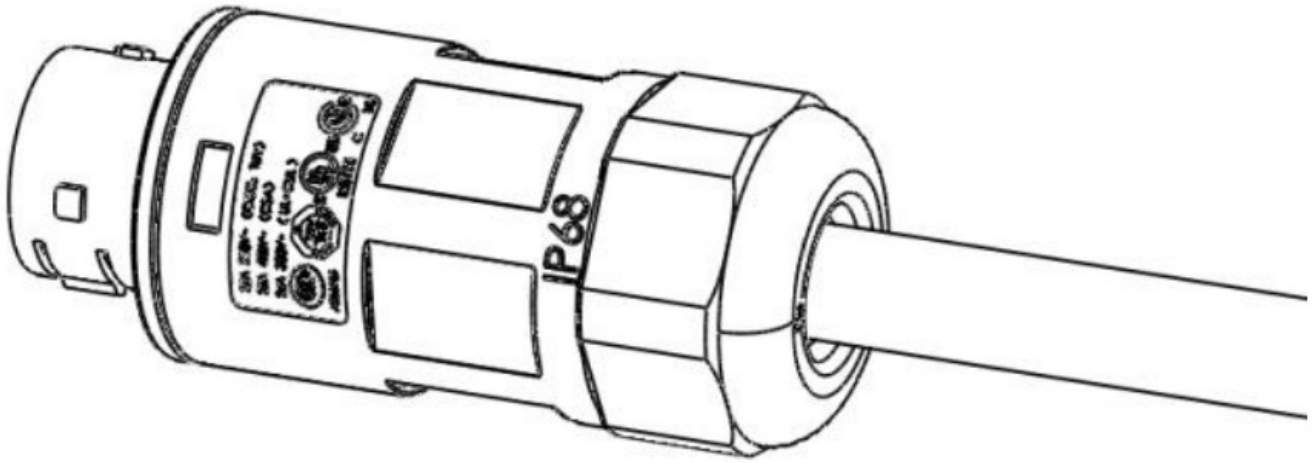
c. Push Housing into Body until hear the the click sound.



d. Insert Seal and Clamp Finger into Body, then tighten the nut, torque 4.0+/-0.5N.m



- Installation completed



e. Installation of cable end female connector is the same as male connector.

Customer Support

APsystems

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Documents / Resources

	<p>APsystems 2300932202 25A AC Connector [pdf] Installation Guide 2300932202 25A AC Connector, 2300932202, 25A AC Connector, AC Connector, Connector</p>
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References

- [APsystems | The global leader in multi-platform MLPE technology](#)
- [User Manual](#)

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