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eGauge CT Extension Pack Slide Connection

eGauge CT Extension Pack Slide Connection User Manual

Contents

e Gauge

MEASURE EVERY MOMENT

eGauge CT Extension Pack Slide Connection

Specifications

- **Model:** CT Extension Pack
- Allows up to five CTs to be extended up to 100 feet (30 meters) from the eGauge
- Designed for installation in a separate junction box outside the breaker panel
- Requires twisted-pair run to the eGauge meter for each CT

FAQ

- **Q:** Can I extend more than five CTs using the CT Extension Pack?
  - **A:** The CT Extension Pack is designed for up to five CTs, exceeding this limit may affect performance.
- **Q:** Are additional splicing connectors included in the pack?
  - **A:** The pack includes the necessary splicing connectors for installation.
- **Q:** Can the CT Extension Pack be used indoors?
  - **A:** The CT Extension Pack is designed for installation in a separate junction box outside the breaker panel.

Model: CT Extension Pack

Introduction

The eGauge CT Extension Pack allows up to five CTs to be extended up to100 feet (30 meters) from the eGauge. The CT Extension Pack is designed to be installed in a separate junction box outside the breaker panel, and requires a twisted-pair run to the eGauge meter for each CT. With the CT Extension Pack, it's no longer necessary to extend CT leads by hand, reducing issues with improperly spliced or extended wiring.

Overview

Features And Connections

Features

- 5x CT extension connectors
- Convenient lever technology for easy tool-free connections
- UL 600 V rated
- 2-year limited warranty

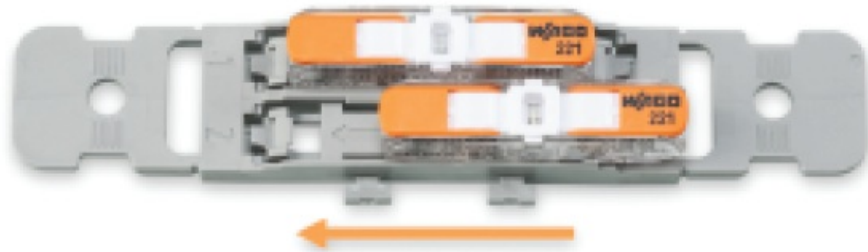### Connections

- Supports conductors from 20 to 12 AWG

Operating Specifications

- −30 °C – 70 °C (−22 °F – 158 °F)

Certifications

- UL 486C
- EN 60998

Installation

1. Slide the splicing connectors into the mounting carriers by inserting them behind the arrow and gently sliding forward until they click into place.

2. Remove the 2-pin connector from the CT lead and prep the lead to a strip length of 11mm (0.43 inches). Insert one of the stripped wire ends into one end of an inline splicing connector.

3. Lift the lever to insert the CT lead and lower the lever to secure the connection. Use one inline connector per lead wire, using two inline connectors and one carrier to extend a single CT lead.

4. Strip the ends of the extension wiring to the appropriate length and connect to the other side of the inline splicing connectors in the same way. Be sure to line up black and white lead wires to the same inline connector.

5. Attach the green 2-pin CT connector to the other end of the CT extension wiring and plug into the eGauge making sure to keep black and white wiring consistent throughout. Once assembled, give the wires a light pull to be certain that they're securely seated under the closed levers.
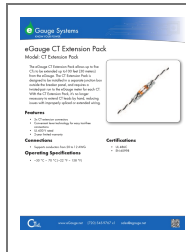
Multiple carriers can be connected together if needed using the side-by-side latches on the carriers. The carriers can be mounted or secured as desired.

Contact

- **www.eGauge.net**
- **720-545-9767** x1
- **sales@egauge.net**

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Documents / Resources

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CT Extension Pack Slide Connection, CT Extension Pack, Slide Connection, Connection

References

- 🌢 **Energy Metering Systems | eGauge**
- **User Manual**