

SECTION 25 36 19 {13449}

INTEGRATED AUTOMATION CURRENT SENSORS

{PEAK LOAD CONTROLLERS}

This section includes packaged peak load controllers whose function is to sense electric power demand and initiate alarms or automatic load shedding.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at www.4specs.com, ARCAT at www.arcats.com, First Source at www.reedfirstsource.com, SpecSource at www.specsource.com, and Sweets Network at products.construction.com.

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at supportcenter@csrf.org to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at www.spectext.com for current product announcements.

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes peak load controller.
- B. Related Sections:
 - 1. Section 26 05 26 - Grounding and Bonding for Electrical Systems.
 - 2. Section 26 05 53 - Identification for Electrical Systems.
- C. Related Sections:
 - 1. Section 16060 - Grounding and Bonding for Electrical Systems.
 - 2. Section 16075 - Identification for Electrical Systems.

1.2 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

- A. National Electrical Manufacturers Association:
 - 1. NEMA ICS 5 - Industrial Control and Systems: Control Circuit and Pilot Devices.
 - 2. NEMA ICS 6 - Industrial Control and Systems: Enclosures.

1.3 SUBMITTALS

Only request submittals needed to verify compliance with Project requirements.

- A. Section 01 33 00 - Submittal Procedures {01330 - Submittal Procedures}: Submittal procedures.
- B. Product Data: Submit input circuit characteristic and range, demand limit and interval setting values, number of control steps, output contact ratings, cabinet sizes, and finishes.

1.4 CLOSEOUT SUBMITTALS

- A. Section 01 70 00 - Execution and Closeout Requirements {01700 - Execution Requirements}: Closeout submittals.
- B. Operation and Maintenance Data: Submit instructions for setting controller intervals and limits.

1.5 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years [documented] experience.

1.6 WARRANTY

This article extends warranty period beyond one year. Extended warranties increase construction costs and Owner enforcement responsibilities. Specify warranties with caution.

- A. Section 01 70 00 - Execution and Closeout Requirements {01700 - Execution Requirements}: Product warranties and product bonds.
- B. Furnish [five] [_____] year manufacturer warranty.