

This section specifies Communication and Control for **View® Smart Windows** in CSI format for use by design professionals for use in Project Manuals. Typically edit by deletion based on your project requirements. Please call 408-514-6512 or visit www.view.com for more information.

SECTION 26 09 00 – POWER FOR INSTRUMENTATION FOR SMART WINDOWS

PART 1 - GENERAL

1.1 SUMMARY

- A. Related Documents: Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
- B. Section Includes: Power requirements for Communication and Control for Manufacturer's Glass Smart Glass system.
- C. Related Requirements:
 - 1. Section 08 80 00 – Smart Glazing.
 - 2. Section 25 13 00 - Integrated Control Network for Smart Windows.
 - 3. Section 29 10 00 – Instrumentation and control for Smart Windows.
 - 4. Division 26 - Electrical

1.2 DEFINITIONS

- A. Refer to other divisions for industry standard glass and glazing definitions. The following apply to this section:
 - 1. IGU: Insulating Glass Unit.
 - 2. Smart Glass Control Panel: Floor mounted enclosure housing power supplies and controllers operating control system, containing only class 2 power outlets

1.3 SYSTEM DESCRIPTION

- A. Power should be provided to Smart Glass Control panels which are located centrally, in an electrical room or a telecom closet, and be capable of providing control and power to IGUs. Controls panels will be floor mounted, either along a wall, or on metal struts off the wall as per scope of Section 27 10 00.
 - 1. Provide dedicated 208V, 60Hz, 3-phase, 5-wire circuit feed to each Manufacturer's Smart Glass Control Panel

1.4 SUBMITTALS

- A. Comply with Division 01 General Requirements.
- B. Ensure electrical schematics and shop drawings for control system have been reviewed and approved by manufacturer before being submitted.

1.5 QUALITY ASSURANCE

- A. Installer qualifications:
 - 1. Experienced with comparable installations and having successful performance on not less than 3 such installations.
 - 2. Acceptable to manufacturer.
- B. Controls, Software, and Services installers will attend a minimum of (1) pre-installation training session conducted by View Project Manager either in person or via web hosted by View Project Manager prior to Controls, Software, and Services installation. Attendance at training session to be confirmed by View Project Manager.
- C. Pre-Installation Meetings: Conduct meeting to review procedures, schedules, safety, and coordination with other project elements.
 - 1. Recommended Attendance: Architect, Contractor, glazing contractor, framing manufacturer, electrical contractor, automation engineer, Smart Glass manufacturer.

COMMUNICATION AND CONTROL FOR SMART WINDOWS

END OF SECTION 26 09 00

The information contained in this publication is offered for assistance in the specification of View Inc. products. It is not intended to be complete and View Inc. Does not assume any responsibility for the adequacy of the specification for a particular application. Due to continual research and product improvement, the specifications are subject to change without notice and without incurring obligation. Actual performance may vary in specific applications. An appropriate and qualified design professional must verify suitability of the product for use in a particular application, as well as review final specifications. Contact View Inc. sales to obtain up-to-date information relevant to your specific project or warranty information.