This section specifies Communication and Control for View® Smart Windows in CSI format for use by design professionals in Project Manuals. Edit by deletion based on your project requirements. Please call 408-263-9200 or visit www.view.com for more information.

SECTION 26 09 00 ‒ POWER FOR INSTRUMENTATION FOR SMART WINDOWS

1. GENERAL
	* + 1. SUMMARY
				1. Related Documents: Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
				2. Section Includes: Power requirements for Communication and Control for Manufacturer’s Smart Window system.
				3. Related Requirements:

Section 08 80 00 – Smart Glazing.

Section 25 13 00 - Integrated Control Network for Smart Windows.

Section 29 10 00 – Instrumentation and control for Smart Windows.

Division 26 - Electrical

* + - 1. DEFINITIONS
				1. Refer to other divisions for industry standard glass and glazing definitions. The following apply to this section:

IGU: Insulated Glass Unit.

Control Panel: Wall-mounted enclosure that houses the control components and power sources responsible for operating a set of windows in the Smart Window system

* + - 1. SYSTEM DESCRIPTION
				1. Control Panels are ideally placed in an electrical room or telecom closet and should be capable of receiving power as outlined below. Control panels can be floor mounted, either along a wall, or can be recessed between studs in the wall as per scope of Section 27 10 00. One of two power options outlined below needs to be provided to each Smart Glass Control Panel provided by the Manufacturer

208V, 50-60Hz, 3-phase 3-wire 20A

240V, 50-60Hz, Single-phase 3-wire (split phase)

* + - 1. SUBMITTALS
				1. Comply with Division 01 General Requirements.
				2. Ensure electrical schematics and shop drawings for control system have been reviewed and approved by manufacturer before being submitted.
			2. QUALITY ASSURANCE
				1. Installer qualifications:

Experienced with comparable installations and having successful performance on not less than 3 such installations.

Acceptable to manufacturer.

* + - * 1. Controls, Software, and Services installers will attend a minimum of (1) pre-installation training sessions 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.
				2. Pre-Installation Meetings: Conduct meetings to review procedures, schedules, safety, and coordination with other project elements.

Recommended Attendance: Architect, Contractor, glazing contractor, framing manufacturer, electrical contractor, automation engineer, Smart Glass manufacturer.

END OF SECTION 26 09 00

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