

# Direct purchase program

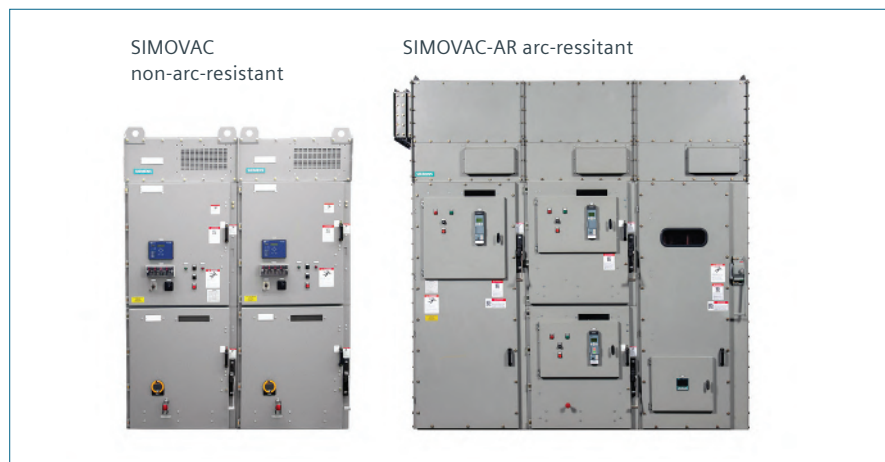
## SIMOVAC™ non-arc-resistant and SIMOVAC-AR™ arc-resistant medium-voltage controllers engineered to your specification

### Description

A leader in the design of medium-voltage controllers, Siemens offers its advanced arc-resistant medium-voltage controller with enhanced safety for your personnel. Siemens combined its knowledge as a leading manufacturer of motors worldwide and as a world-class supplier of medium-voltage controller innovation and technologies to deliver flexibility and reliability. Become a direct purchase partner with Siemens and fulfill your medium-voltage control needs faster, easier and more economically.

### Features and benefits of direct purchase program

- Single-points of contact - the assigned application engineer and project engineer understand your company's needs better because they work on all of your company's projects
- Dedicated application engineering and project engineering resources
- After initial approval of standardized drawings, repeat order drawing release is certified resulting in shorter lead times than typical orders because the approval drawing cycle is eliminated
- Pre-negotiated commercial terms and conditions save time and money
- Established price list for specific configurations helps budgeting and reduces request-for-proposal cycle time
- Online portal access for downloading drawings at your convenience
- Clear chain-of-command for service needs
- Product training available as part of partner program.



**Features and benefits for SIMOVAC non-arc-resistant and SIMOVAC-AR arc-resistant medium-voltage controllers**

- UL 347 6th Edition/CSA C22.2 No. 253-09
- 400 A bolt-in or stab-in (optional) vacuum contactor
- 400 A non-load-break isolating switch
- 2.4 kV, 4.16 kV and 6.9 kV (up to 7.65 kV) system voltage ratings
- In multiple section lineups, 1,200 A, 2,000 A or 3,000 A main bus with standard epoxy insulation on bus bars, and with optional boots for insulating joints
- Tin- or silver-plated bus available
- Front accessible
- Main bus and ground bus are supported and braced to 50 kA two-second short-time capability
- Top-mounted pressure relief channel shipped installed for reduced site installation time (arc-resistant option)
- Isolating switch with visible indication through viewing window to verify that the power cell is isolated from line-side source – no need to open panel door
- Isolating switch mechanically interlocked with the access door to prevent user access to primary compartment when isolating switch is closed
- Low-voltage compartment is isolated from the medium-voltage compartment
- All components are front accessible, facilitating routine inspection or parts replacement
- Current-limiting fuses, contactor assembly and isolating switch assembly are easily removed from the enclosure
- The main bus compartment is top, side and front accessible for easy installation and extension
- SIMOVAC-AR tested for arc-resistance to IEEE C37.20.7-2007, up to 50 kA, 0.5 s, accessibility type 2B (optional) (minimum two vertical sections per lineup).



Controller compartment

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[www.usa.siemens.com/simovac](http://www.usa.siemens.com/simovac)

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