



We connect and protect

Arc-Resistant Switchgear

Make the safer choice.
Protects people and equipment.



CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

nVent.com

A history of putting safety first

For over 50 years, nVent has been at the forefront of safety with innovative switchgear development. Now an industry-leading, low-profile design that is Type 2C (2BC) compliant, and meets or exceeds U.S. and Canadian requirements, is available. Offered in a wide range of ANSI/IEEE ratings and configurations, nVent's arc-resistant switchgear feature utility-grade, welded, metal-clad assembly for reliability, safety and proven performance.

From top to bottom, an unmatched level of protection

Type 2C arc-resistant switchgear represent the highest level of ANSI/IEEE safety guidelines. Built into our arc-resistant switchgear is protection for personnel and equipment – both inside and outside.

| Standard | Features |
|-----------------------|---|
| Type 2 | Switchgear with arc-resistant construction at front, back and sides – allows for survival of maintenance personnel |
| Type 2B | Type 2 with low voltage instrument compartment |
| Type 2C (or Type 2BC) | Type 2B with arc-resistant barriers between adjacent internal compartments – intended to reduce collateral damage to adjacent compartments and equipment, as well as ensuring the safety of maintenance personnel working nearby. |

In addition, an instrument compartment can be positioned above the breaker, and there are both breaker and PT viewing windows.

Superior testing creates superior solutions

nVent arc-resistant switchgear is type-tested to C37.20.7 at a world-class facility to ensure that it is fully compliant. Testing has been completed and results reported by a trusted and certified third-party source, and are available for customer review, upon request.

Utility grade and durably constructed, our arc-resistant switchgear meets or exceeds all appropriate IEEE, ANSI and NEMA requirements. All outdoor arc-resistant switchgear enclosures are designed for structural and seismic requirements based on the installation site zip code.



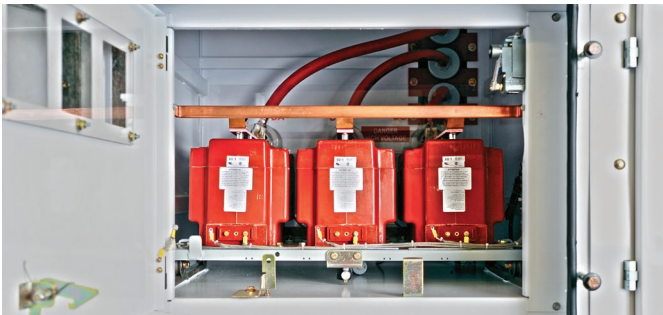
Safety you can see nVent arc-resistant switchgear offer a range of innovative safety and technology benefits including a patented nine-point visible door latch that allows visible confirmation of proper latching to minimize potential human error.

Standard Features

- Nine-point visible door latch
- Double-walled switchgear construction
- 11-gauge seam-welded structure
- Continuously welded wall and roof panels to prevent leaks
- Removable roof sections for easy replacement
- Breaker bypass switch
- Upper auxiliary compartment with full Type 2C isolation
- Hinged rear doors
- Top/bottom bus/cable entry
- Direct roll-in breaker floor cell
- Breaker racking safety interlock

The Low-Profile Design Offers a Range of Benefits

- Lowest-profile plenum – fits in standard-height outdoor enclosure and electrical rooms, the result of a plenum design less than 20" high
- No complicated assembly of plenum on site
- No special shipping accommodations needed



| Arc Resistant Ratings & Availability (1-H & 2-H) | | | | |
|--|----------|-----------------------------|---------------------------|---------------------------|
| Rated Maximum Voltage (kV) | BIL (kV) | Max. Continuous Current (A) | Short-Circuit Rating (kA) | Accessibility Type |
| 5 | 60 | 1200 | 25 | Up to 2C (2BC) for 1-High |
| | | 2000 | 31.5 | |
| | | 3000 | 40 | |
| 15 | 95 | 1200 | 25 | Up to 2C (2BC) for 1-High |
| | | 2000 | 31.5 | |
| | | 3000 | 40 | |



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE