

Designed primarily for residential applications, these models provide comprehensive and effective protection against surges of all magnitudes. They deliver reliable, long-lasting protection for residential and commercial electrical systems.

**Encapsulated Components**

Innovative fuse-free design with no electronic circuitry, eliminating common points of failure and significantly reducing the risk of fire or electrical arcing for maximum safety.

**Next-Generation TMOV Technology**

High-capacity internal components engineered to deliver superior performance, increased energy-handling capability, and exceptional durability, even under the most demanding conditions.

**Extended Service Life**

A high-performance thermal dissipation system provides up to 20 times greater heat evacuation, significantly reducing thermal stress on the MOVs and extending the unit's service life.

**PowerPressure™ Technology**

Our advanced encapsulation technology dissipates even the most powerful surges while keeping the system connected long enough for the circuit breaker to detect the overload and safely interrupt the circuit.

**Unique Pressure-Relief System**

Technology that converts electrical energy into kinetic energy, allowing excess pressure to be released safely and in a controlled manner while maintaining the unit's sealed integrity.



## Spécifications techniques

|                                             |                                             |
|---------------------------------------------|---------------------------------------------|
| Type                                        | 2                                           |
| Voltage                                     | 120/240 V                                   |
| Phase                                       | 1 Phase (1S)                                |
| Modes of Protection                         | L-N, L-L                                    |
| Voltage Protection Rating (VPR)             | 700/900 V                                   |
| Maximum Continuous Operating Voltage (MCOV) | 130/275 V                                   |
| Response Time                               | < 1 ns                                      |
| Nominal Discharge Current (In)              | 20 kA                                       |
| SCCR                                        | 20 kA                                       |
| Operating Temperature                       | -40 °C à +85 °C / -40 °F to 185 °F          |
| Required Circuit Breaker                    | 2 pôles, 20 A                               |
| Certifications                              | UL1449, 4e édition · CSA C22.2 No. 269.1-17 |
| Aluminum Enclosure                          | Nema 4X, 13                                 |
| Grounding                                   | IEEE STD 142 — résistance < 25 ohm          |

## Dimensions

The dimensions shown apply to a single enclosure.

Armada enclosures can be adapted and combined to meet the requirements of residential and industrial applications. Whether installed individually or as part of a multi-unit configuration, each enclosure is easy to install and provides a scalable, modular solution.

Please contact an Armada representative for more information.

