



## Fast acting, high speed aBat performance in smallest package size on the market



The PSX series high-speed fuses deliver extremely fast-acting performance up to 1500 V dc. Available in flush-end, DIN-mount, and bolted-blade styles, they are the smallest NH XL package size on the market and range from 80 A to 1400 A. The PSX series is extremely fast-acting with 250 kA dc interrupting ratings. Visual blown fuse indication is standard on all fuses and an optional micro-switch is available for external indication.

### The PSX series of fuses are ideal for these applications:

- Battery energy storage systems
- Photovoltaic inverters
- Dc common bus systems
- Large industrial regenerative drives
- Rectifiers
- Metal processing equipment

PSX series are certified to UL248-13 and designed to meet IEC 60269-7 (Class aBat) battery protection fuse standard.

### Competitive Comparison

| LITTELFUSE | COMPETITOR                            |
|------------|---------------------------------------|
| PSX        | 170M (size 4), PSC_9X, 90-445, 90-447 |





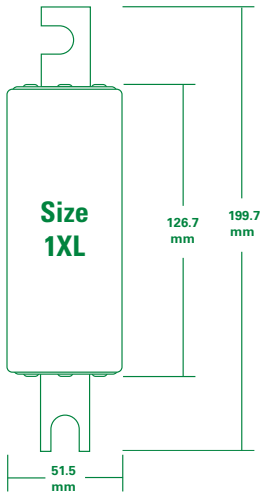
# Littelfuse®

Expertise Applied | Answers Delivered

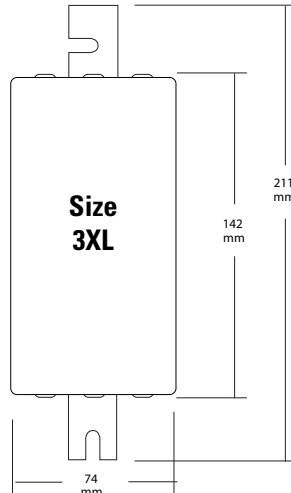
## High-Speed Fuses PSX Series — 1500 V dc



**PSX Series DIN Blade**  
80 A to 630 A

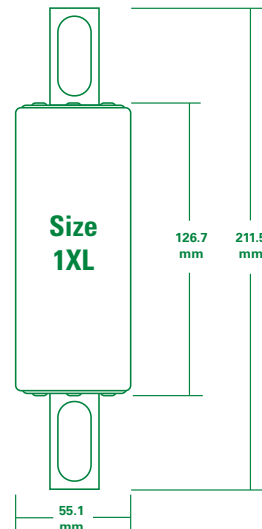


**Competitor 3**  
100 A to 450 A

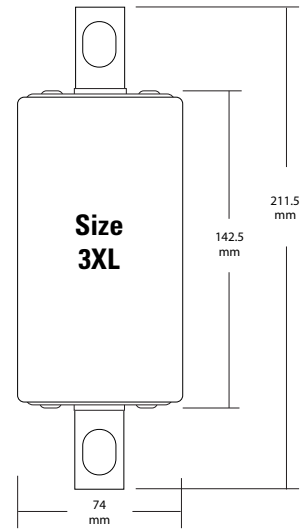


**Smaller Case Size, Similar Current Rating**

**PSX Series Bolted Blade**  
80 A to 630 A

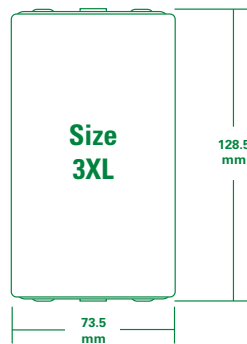


**Competitor 2**  
200 A to 750 A

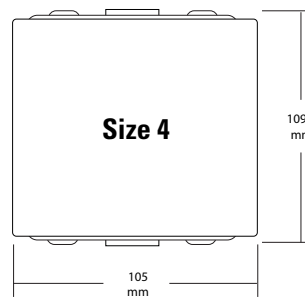


**Comparable Current Rating in a Smaller Case Size**

**PSX Series Flush Mount**  
450 A to 1400 A, 1500 V dc



**Competitor 1**  
800 A to 2500 A, 1200 V dc



**20 % Higher Voltage in a Smaller Case Size**

| FEATURES                                       | BENEFITS   |
|--|--|
| Low watt loss                                  | Prevents energy loss, more efficient, minimizes wasted power from components |
| Compact size                                   | Facilitates design of smaller or more compact high energy density systems    |
| Visual indication is standard                  | Easily detectable in the event of a fault                                    |
| High dc voltage rating to 1500 V dc            | Protection for highest rated dc battery energy storage systems in the market |
| Dc breaking capacity up to 250 kA at 1500 V dc | Facilitates design of long duration battery energy storage systems           |
| Three terminations                             | Allows more versatility with mounting configurations                         |
| Low minimum breaking capacity                  | Offers protection for lower levels of fault current                          |

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