# Class H/K5 and R Fuse Blocks

250 and 600 Volt

Littelfuse POWR-GARD™ Products



## SPECIFICATIONS

**Voltage Rating:** 250 Volts; 600 Volts

**Ampere Ratings:** 0 – 600 amperes

**Approvals:** UL Listed (File No. E14721)
CSA Certified (File No. LR73091)

## RECOMMENDED FUSES

| Class H Blocks | | Class R Blocks | |
|---|---|---|---|
| **250V** | **600V** | **250V** | **600V** |
| NLN | NLS | FLNR | FLSR/FLSR_ID |
| RLN | RLS | KLNR | KLSR |
| | | LLNRK | LLSRK/LLSRK_ID |
| | | TLN | IDSR |

Class H fuse blocks are for use with Class H/K5 fuses, which have an interrupting rating of up to 50,000 amperes. When higher interrupting ratings are required, use Class R fuses (200,000 A.I.R.) and Class R fuse blocks. Class R fuse blocks are dimensionally the same as Class H blocks, but incorporate a rejection feature which allows only Class R fuses to be inserted.

## FEATURES/BENEFITS

Class H and Class R fuse blocks feature a one-piece fuse clip design for positive electrical contact and minimum heat rise. Side barriers provide isolation between poles. Bases on most blocks are of molded phenolic or thermoplastic, UL rated at 150° C.

## Class H 250V

| Amp Rating | No. of Poles | Catalog Number | Connector Type (Add suffix shown) | | | Maximum Wire Size |
|---|---|---|---|---|---|---|
| | | | Screw | Pressure Plate | Box Lug | |
| 30 | 1<br>2<br>3 | LH25030-1<br>LH25030-2<br>LH25030-3 | S (R)<br>S (R)<br>S (R) | P (R)<br>P (R)<br>P (R) | C (R)<br>C (R)<br>C (R) | S & P = #10 CU<br>C = #6 CU-AL |
| 60 | 1<br>2<br>3 | LH25060-1<br>LH25060-2<br>LH25060-3 | S (R)<br>S (R)<br>S (R) | | C (R)<br>C (R)<br>C (R) | S = #10 CU<br>C = #2 CU-AL |
| 100 | 1<br>2<br>3 | LH25100-1<br>LH25100-2<br>LH25100-3 | | | C<br>C<br>C | #2/0 CU-AL |
| 200 | 1<br>3 | LH25200-1<br>LH25200-3 | | | C<br>C | 250 MCM CU-AL |
| 400 | 1<br>3 | LH25400-1<br>LH25400-3 | | | CR<br>CR | (2) 350 MCM CU-AL |
| 600 | 1<br>3 | LH25600-1<br>LH25600-3 | | | C<br>C | (2) 500 MCM CU-AL |

Note: Reinforcing springs standard on all Class H fuse blocks 100 amperes and above.

## Class H 600V

| Amp Rating | No. of Poles | Catalog Number | Connector Type (Add suffix shown) | | | Maximum Wire Size |
|---|---|---|---|---|---|---|
| | | | Screw | Pressure Plate | Box Lug | |
| 30 | 1<br>2<br>3 | LH60030-1<br>LH60030-2<br>LH60030-3 | S (R)<br>S (R)<br>S (R) | P (R)<br>P (R)<br>P (R) | C (R)<br>C (R)<br>C (R) | S & P = #10 CU<br>C = #6 CU-AL |
| 60 | 1<br>2<br>3 | LH60060-1<br>LH60060-2<br>LH60060-3 | | | C (R)<br>C (R)<br>C (R) | S = #10 CU<br>C = #2 CU-AL |
| 100 | 1<br>2<br>3 | LH60100-1<br>LH60100-2<br>LH60100-3 | | | C<br>C<br>C | #2/0 CU-AL |
| 200 | 1<br>3 | LH60200-1<br>LH60200-3 | | | C<br>C | 250 MCM CU-AL |
| 400 | 1<br>3 | LH60400-1<br>LH60400-3 | | | CR<br>CR | (2) 350 MCM CU-AL |
| 600 | 1<br>3 | LH60600-1<br>LH60600-3 | | | C<br>C | (2) 500 MCM CU-AL |

Note: Reinforcing springs standard on all Class H fuse blocks 100 amperes and above.

## Class R 250V

| Amp Rating | No. of Poles | Catalog Number | Connector Type (Add suffix shown) | | | Maximum Wire Size |
|---|---|---|---|---|---|---|
| | | | Screw | Pressure Plate | Box Lug | |
| 30 | 1<br>2<br>3 | LR25030-1<br>LR25030-2<br>LR25030-3 | SR<br>SR<br>SR | PR<br>PR<br>PR | CR<br>CR<br>CR | S & P = #10 CU<br>C = #6 CU-AL |
| 60 | 1<br>2<br>3 | LR25060-1<br>LR25060-2<br>LR25060-3 | | | CR<br>CR<br>CR | S = #10 CU<br>C = #2 CU-AL |
| 100 | 1<br>2<br>3 | LR25100-1<br>LR25100-2<br>LR25100-3 | | | C<br>C<br>C | #2/0 CU-AL |
| 200 | 1<br>3 | LR25200-1<br>LR25200-3 | | | C<br>C | 250 MCM CU-AL |
| 400 | 1<br>3 | LR25400-1<br>LR25400-3 | | | CR<br>CR | (2) 350 MCM CU-AL |
| 600 | 1<br>3 | LR25600-1<br>LR25600-3 | | | C<br>C | (2) 500 MCM CU-AL |

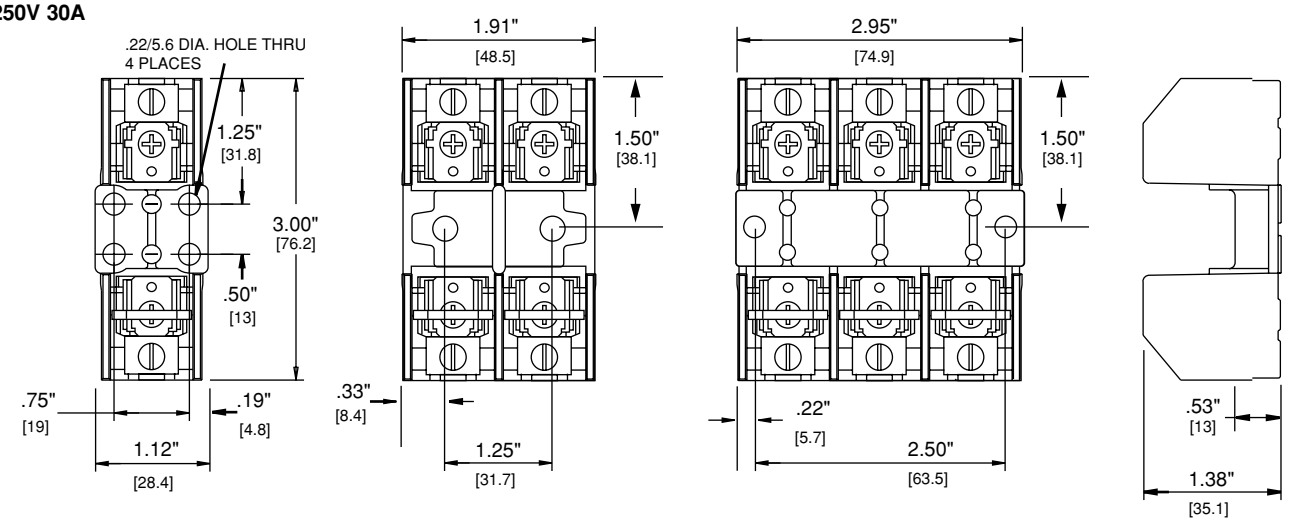
Note: Reinforcing springs standard on all Class R fuse blocks.

## Class R 600V

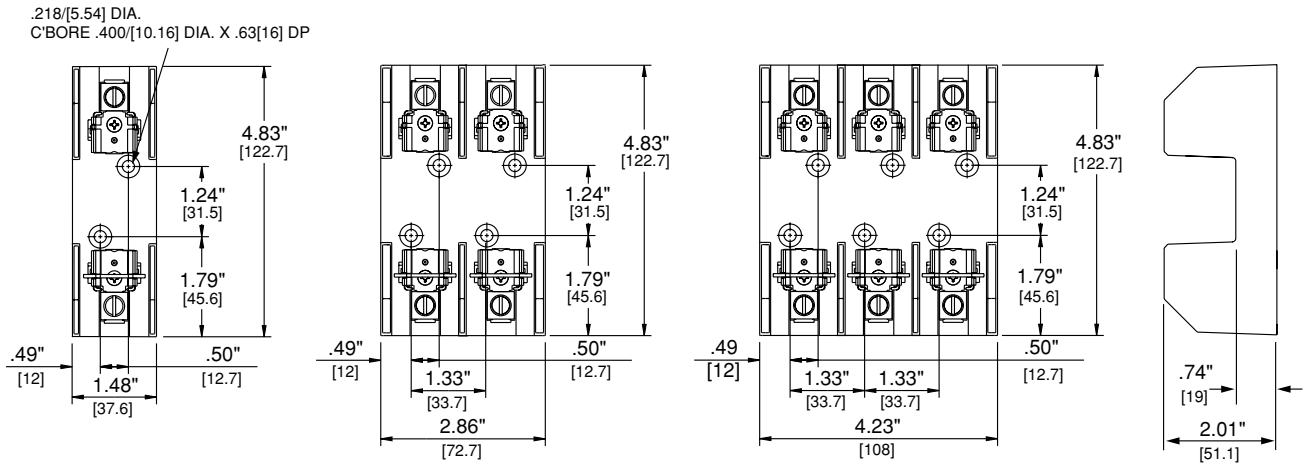
| Amp Rating | No. of Poles | Catalog Number | Connector Type (Add suffix shown) | | | Maximum Wire Size |
|---|---|---|---|---|---|---|
| | | | Screw | Pressure Plate | Box Lug | |
| 30 | 1<br>2<br>3 | LR60030-1<br>LR60030-2<br>LR60030-3 | SR<br>SR<br>SR | PR<br>PR<br>PR | CR<br>CR<br>CR | S & P = #10 CU<br>C = #6 CU-AL |
| 60 | 1<br>2<br>3 | LR60060-1<br>LR60060-2<br>LR60060-3 | | | CR<br>CR<br>CR | S = #10 CU<br>C = #2 CU-AL |
| 100 | 1<br>2<br>3 | LR60100-1<br>LR60100-2<br>LR60100-3 | | | C<br>C<br>C | #2/0 CU-AL |
| 200 | 1<br>3 | LR60200-1<br>LR60200-3 | | | C<br>C | 250 MCM CU-AL |
| 400 | 1<br>3 | LR60400-1<br>LR60400-3 | | | CR<br>CR | (2) 350 MCM CU-AL |
| 600 | 1<br>3 | LR60600-1<br>LR60600-3 | | | C<br>C | (2) 500 MCM CU-AL |

Note: Reinforcing springs standard on all Class R fuse blocks.

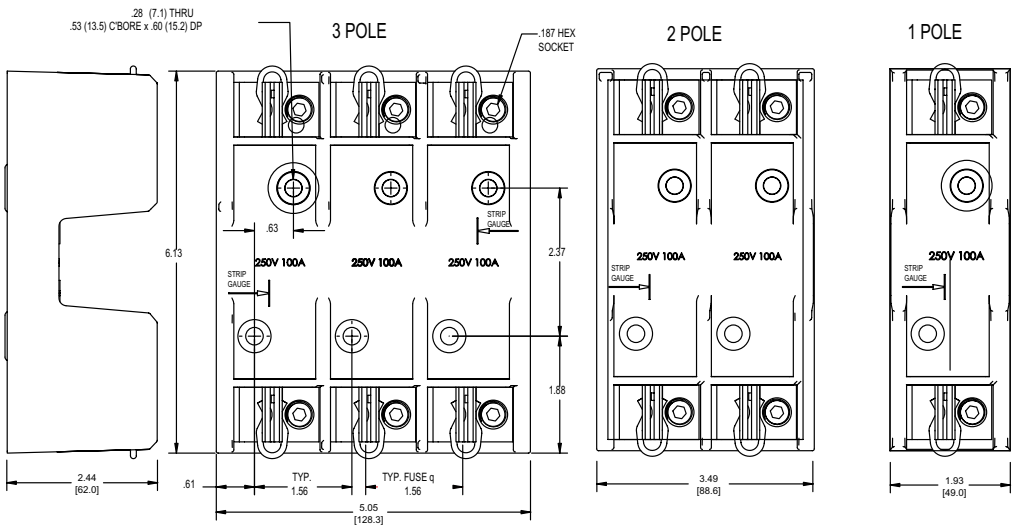
## 250V 30A



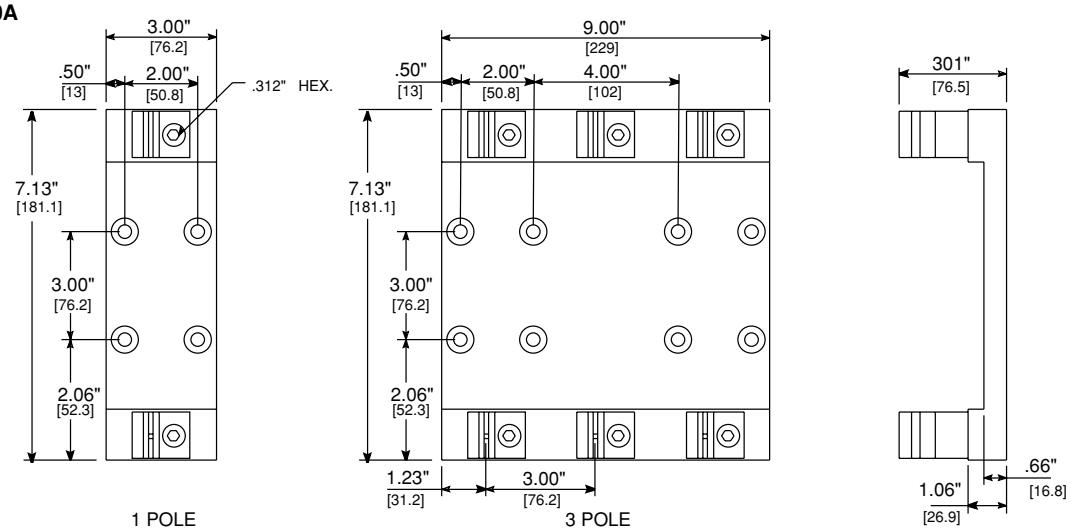

## 250V 60A



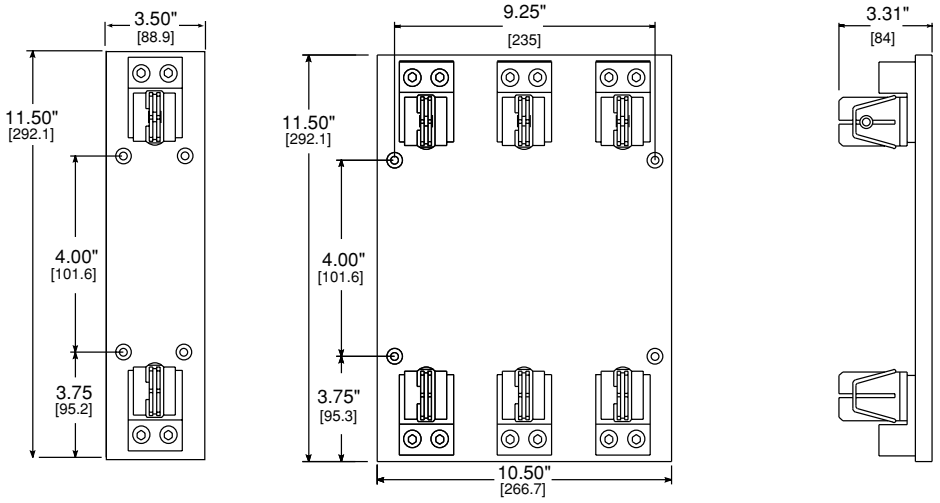

## 250V 100A



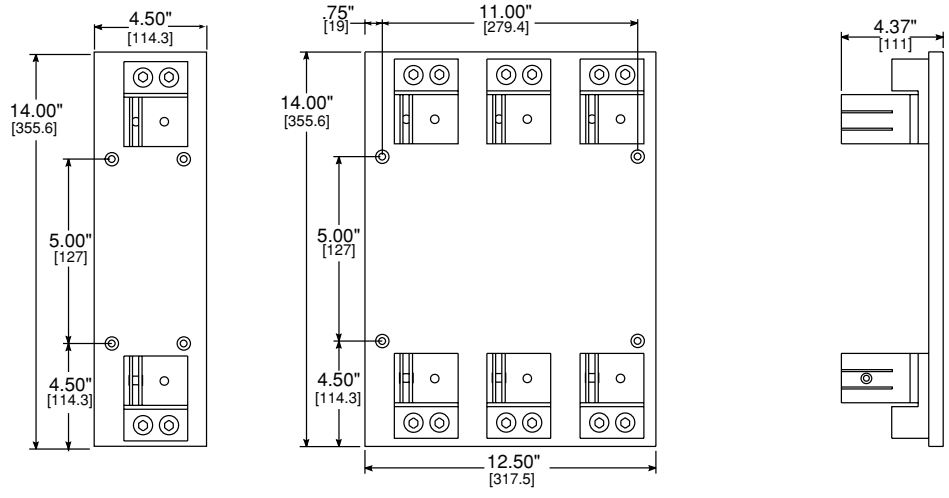
**250V 200A**



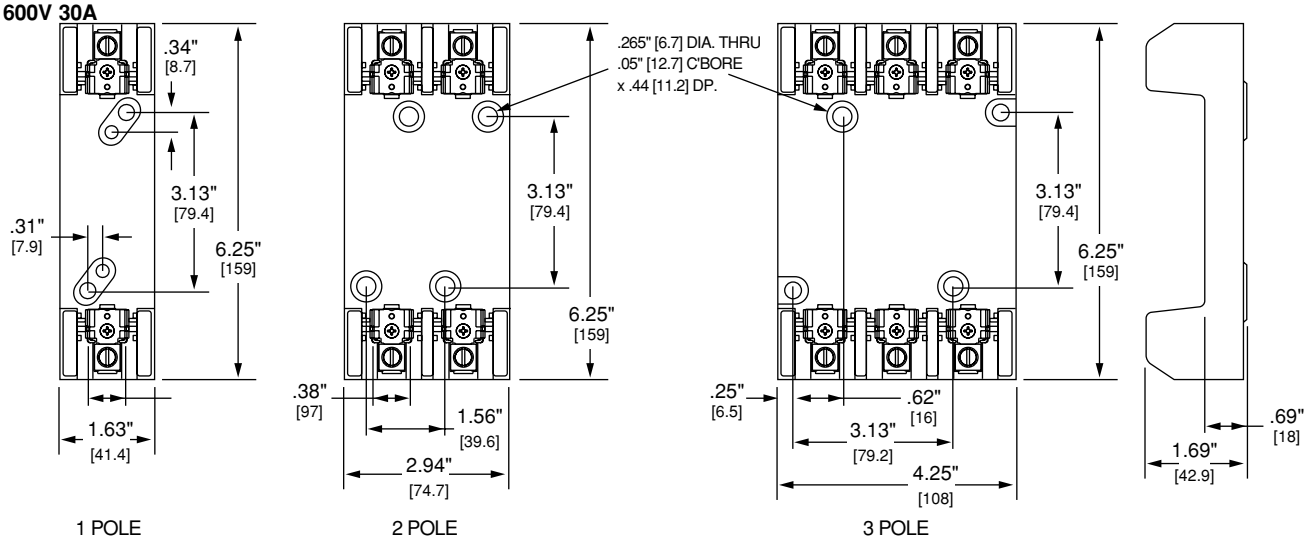

**250V 400A**




**250V 600A**

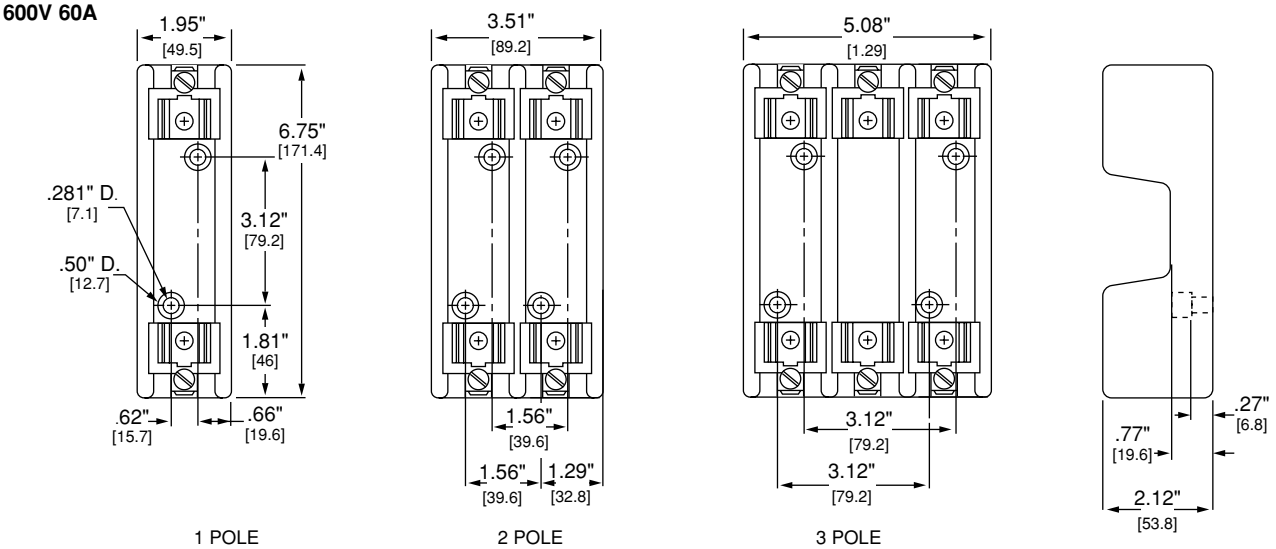


**600V 30A**



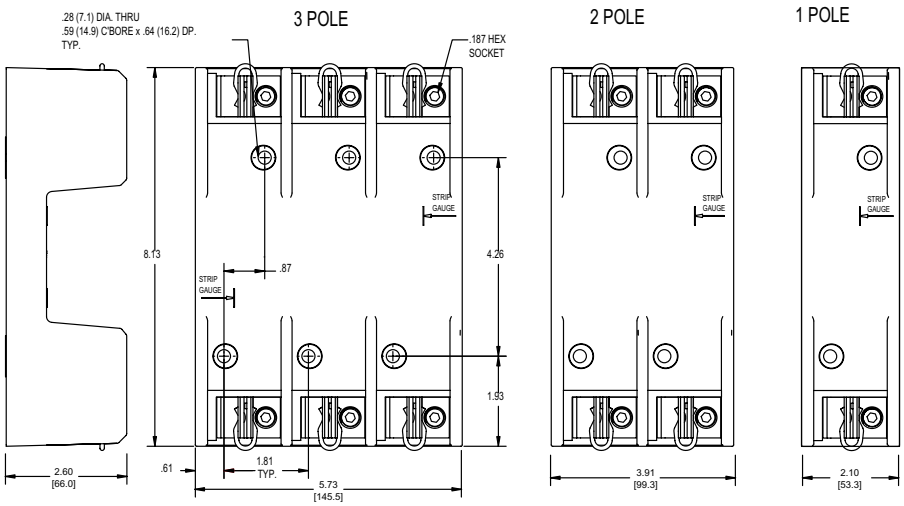

1 POLE 2 POLE 3 POLE

**600V 60A**

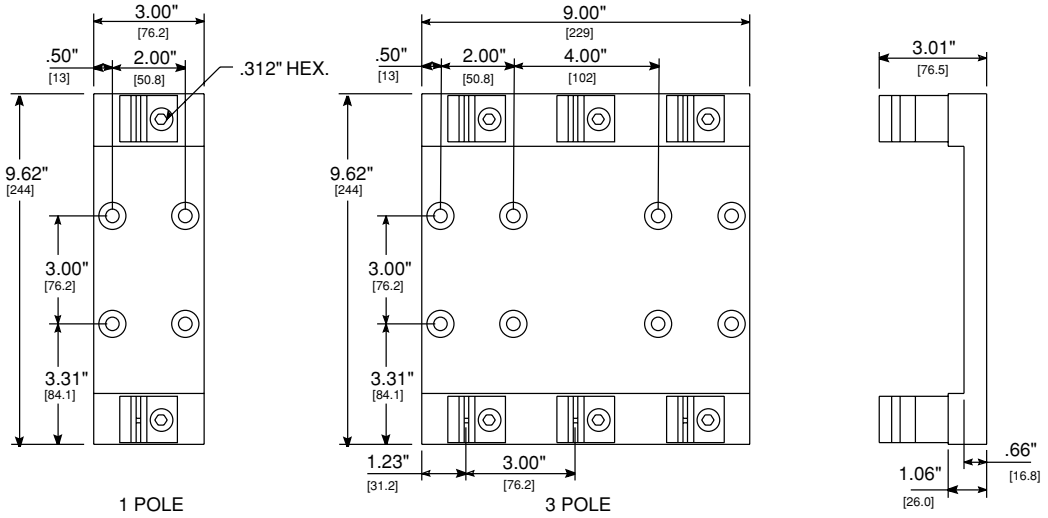



1 POLE 2 POLE 3 POLE

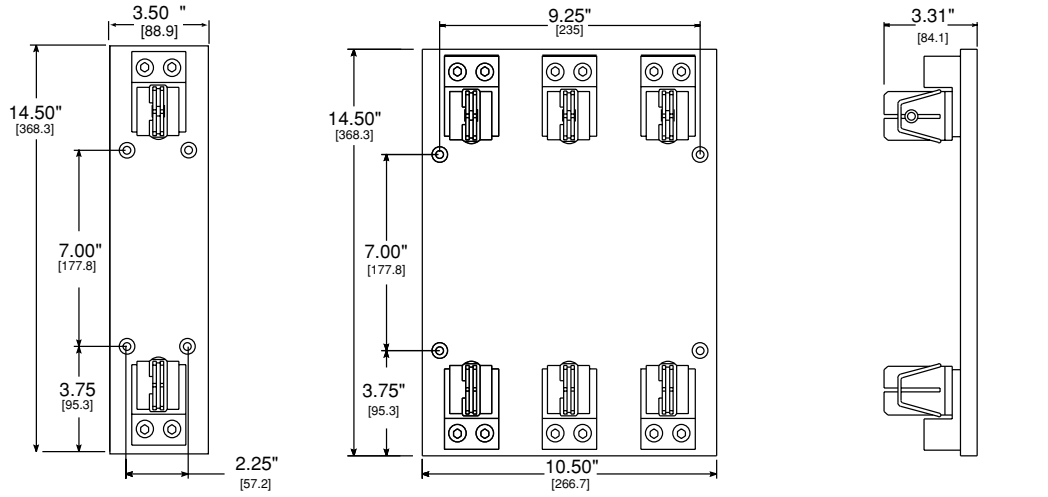
**600V 100A**



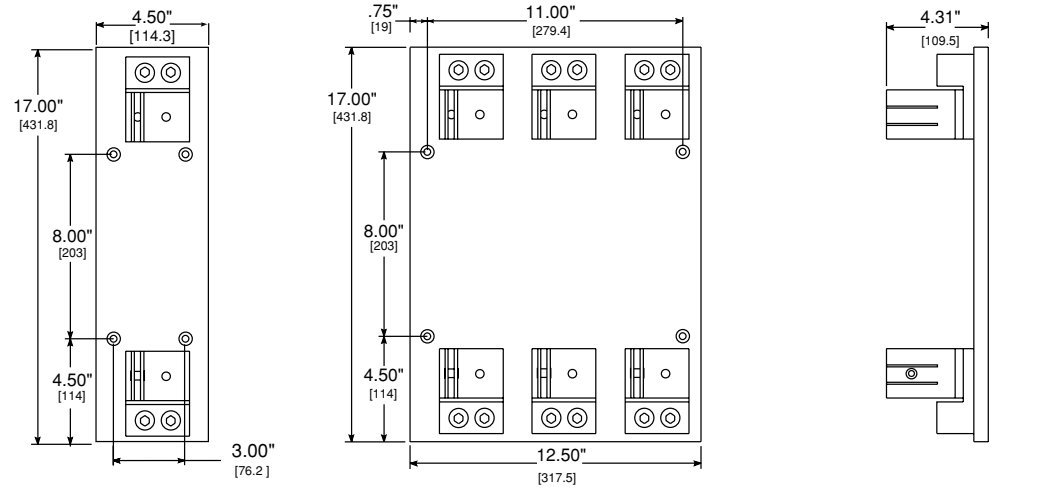
**600V 200A**




**600V 400A**




**600V 600A**




Blocks And Holders

**ООО «НИОКРсистемс» -** это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

## Наша компания это:

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ

ООО «НИОКР СИТЕМС»
Москва, 125362, Россия, ул. Вишневая, д. 9, к. 1, Блок 104 а и 104 в

Телефон: 8 (495) 268-14-82
Email: n@nsistems.ru

ИНН: 7735154786
ОГРН: 1167746717709