

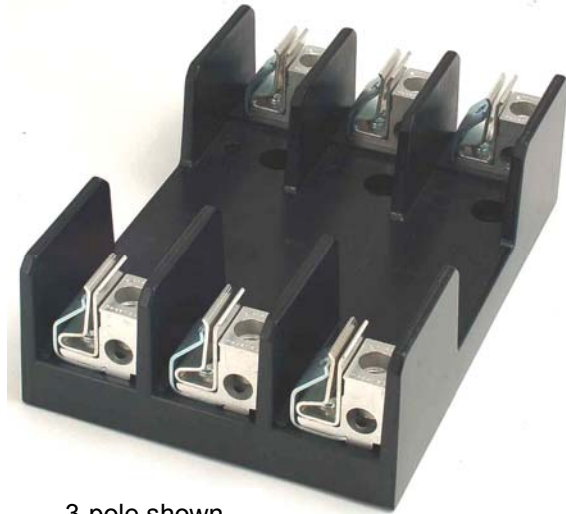
# Product Data Sheet



## R6F100AXB

Replace "X" with 1, 2 or 3 for number of poles

### Reinforced Class H and K Fuse Holder 100 Amps, 600 Volts AC/DC



3-pole shown

#### Wire Range:

2/0 - #14 AWG Copper

2/0 - #12 AWG Aluminum

#### Holds fuse size 1 11/32" diameter X 7 7/8"

Commonly used fuses in this holder: A6Y, CRS, NLS, NOS, NRS, OTS, RES, RFS, RLS

[See tables below for wire sizes.](#)

#### Electrical Ratings:

- 61 - 100A max (amperage rating based on maximum fuse rating for that physical size)
- 600 Volts AC/DC
- Approved for 10,000 Amp Withstand Rating

#### Mechanical Ratings:

- Insulator base temperature rating: -40°C/F to 150°C (302°F) UL RTI
  - Flammability rating of insulator base: UL 94 V-0
- Touch protection: IP-20 (IEC 60529) with optional cover CHR6100 (See accessories)
- Use outside these ratings needs to be judged in the end-use application.

#### Materials:

- Fuse Clip: Copper, Tin plated
- Box Connector: High conductivity aluminum, tin plated
- Reinforcing Spring: Stainless Steel
- Insulator base: Phenolic
- Terminal set screws: Steel, nickel plated
- Connector mounting screws: Steel, zinc plated

#### Agency Approvals:

- UL Listed, Fuseholder standards UL 4248-1 and UL 4248-6.
- UL File No. IZLT.E35113
- CSA Certified, CSA C22.2 No. 39 – M1987, File No. LR21455
- CE compliant to IEC 60947-1
- RoHS Compliant

### Wire Approvals:

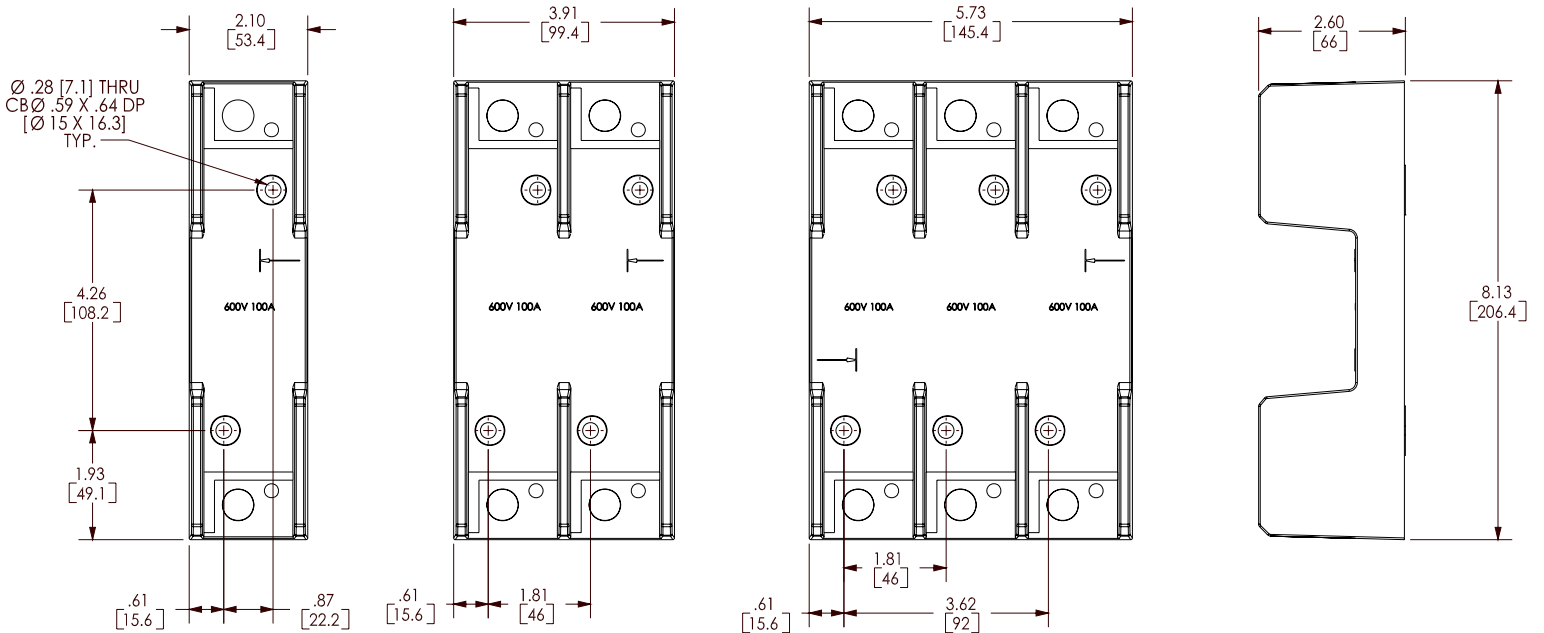
Wire Size	Torque		Wire Stranding Classes - No. of Conductors		
	N-m	In. lbs	Solid	Class B	Class C
2/0	13.6	120		1	1
1/0	13.6	120		1	1
1	13.6	120		1	1
2	13.6	120		1	1
4	13.6	120		1	1
6	13.6	120		1	1
8	4.5	40		1	1
10	4.0	35	1	1	1
12	4.0	35	1	1	1
14	4.0	35	1	1	1

Aluminum Stranded Wire Range: 2/0 – 12 AWG

- Wire strip length – 1 5/16”
- Hex key required – 5/16”
- Panel mountable: # 1/4” fastener, torque to 30 - 40 in. lbs. (3.4 - 4.5 N-m)

### Accessories:

- Cover: CHR6100. Glass-filled polycarbonate (thermoplastic). 125°C (UL RTI), Flammability rating UL 94 V-0, UL Listed File No. JDVS2.181825.



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