

OT/OTN/OTS

Class K-5

UL/CSA LISTED POWER FUSES

FOR VERSATILITY AND ECONOMY, THESE GENERAL PURPOSE FUSES ARE HARD TO BEAT



OT, OTN and OTS general purpose fuses provide low cost protection for feeder and branch circuits serving lighting, heating, and other non-motor loads. OT, OTN and OTS fuses will safely interrupt available short circuit currents up to 50,000 amperes in all ratings. OT, OTN and OTS fuses are not rejection fuses – care should be taken to ensure that replacement fuses do not have lower interrupting ratings than original fuses. OTN 15 through 60 satisfy the Canadian electrical code requirement for Type “P,” low melting-point, non-time-delay fuses.

FEATURES/BENEFITS:

- Easy to read imprint label for quick recognition and replacement
- Low cost for high protection value

APPLICATIONS:

- Feeders
- Branch circuits
- Resistive heating
- Residential and small commercial installations

RATINGS:

OT

- **Volts:** 250VAC / DC
- **Amps:** 1 to 600A
- **IR:** 50kA I.R. AC, 20kA I.R. DC

OTN (Canada)*

- **Volts:** 250VAC
- **Amps:** 15 to 60A
- **IR:** 50kA I.R. AC

OTS

- **Volts:** 600VAC / 300VDC
- **Amps:** 1 to 600A
- **IR:** 50kA I.R. AC, 20kA I.R. DC

HIGHLIGHTS:

- Versatile
- Lowest cost protection for circuits serving non-inductive loads

APPROVALS:

- UL Listed to Standard 248-9 File E2137
- CSA Certified to Standard C22.2 No. 248.9*
- Self-certified for DC per UL248



**The Canadian Electrical Code requires these fuses in ratings 15 through 60A to be of the low melting point design; use OTN 15-60.*

CATALOG NUMBERS (AMPS)

| 250V | | | 600V | | |
|--------------|--------------|-------|-------|--------|--------|
| OT1 | OT30, OTN30* | OT125 | OTS1 | OTS30 | OTS125 |
| OT2 | OT35, OTN35* | OT150 | OTS2 | OTS35 | OTS150 |
| OT3 | OT40, OTN40* | OT175 | OTS3 | OTS40 | OTS175 |
| OT4 | OT45, OTN45* | OT200 | OTS4 | OTS45 | OTS200 |
| OT5 | OT50, OTN50* | OT225 | OTS5 | OTS50 | OTS225 |
| OT6 | OT60, OTN60* | OT250 | OTS6 | OTS60 | OTS250 |
| OT7 | OT65 | OT300 | - | - | OTS300 |
| OT8 | OT70 | OT350 | OTS8 | OTS70 | OTS350 |
| OT10 | OT75 | OT400 | OTS10 | OTS75 | OTS400 |
| OT12 | OT80 | OT450 | OTS12 | OTS80 | OTS450 |
| OT15, OTN15* | OT90 | OT500 | OTS15 | OTS90 | OTS500 |
| OT20, OTN20* | OT100 | OT600 | OTS20 | OTS100 | OTS600 |
| OT25, OTN25* | OT110 | | OTS25 | OTS110 | |

* In Canada

RECOMMENDED FUSE BLOCKS WITH BOX CONNECTORS FOR ONE-TIME CLASS K-5 FUSES

| Ampere Fuse Rating | Catalog Number | | | |
|--------------------|----------------|--------|--------|--------|
| | 250V | | 600V | |
| | 1-Pole | 3-Pole | 1-Pole | 3-Pole |
| 0-30 | 20306 | 20308 | 60306 | 60308 |
| 31-60 | 20606 | 20608 | 60606 | 60608 |
| 61-100 | 21036 | 21038 | 61036 | 61038 |
| 101-200 | 22001 | 22003 | 62001 | 62003 |
| 201-400 | 24001 | 24003 | 64001 | 64003 |
| 401-600 | 2631 | 2633 | 6631 | 6633 |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.

DIMENSIONS

| Ampere Rating | A | | B | | C | | D | | E | |
|--------------------|--------|-----|---------|----|------|----|-------|----|-------|----|
| | in | mm | in | mm | in | mm | in | mm | in | mm |
| 250V-OT, OTN Fuses | | | | | | | | | | |
| 0-30 | 2 | 51 | 9/16 | 14 | - | - | - | - | - | - |
| 31-60 | 3 | 76 | 13/16 | 21 | - | - | - | - | - | - |
| 61-100 | 5-7/8 | 149 | 1-1/16 | 27 | 1/8 | 3 | 3/4 | 19 | 1 | 25 |
| 101-200 | 7-1/8 | 181 | 1-9/16 | 40 | 3/16 | 5 | 1-1/8 | 28 | 1-3/8 | 35 |
| 201-400 | 8-5/8 | 219 | 2-1/16 | 53 | 1/4 | 6 | 1-5/8 | 41 | 1-7/8 | 48 |
| 401-600 | 10-3/8 | 264 | 2-9/16 | 66 | 1/4 | 6 | 2 | 51 | 2-1/4 | 57 |
| 600V-OTS Fuses | | | | | | | | | | |
| 0-30 | 5 | 127 | 13/16 | 21 | - | - | - | - | - | - |
| 31-60 | 5-1/2 | 139 | 1-1/16 | 27 | - | - | - | - | - | - |
| 61-100 | 7-7/8 | 200 | 1-5/16 | 34 | 1/8 | 3 | 3/4 | 19 | 1 | 25 |
| 101-200 | 9-5/8 | 244 | 1-13/16 | 46 | 3/16 | 5 | 1-1/8 | 28 | 1-3/8 | 35 |
| 201-400 | 11-5/8 | 295 | 2-9/16 | 66 | 1/4 | 6 | 1-5/8 | 41 | 1-7/8 | 48 |
| 401-600 | 13-3/8 | 340 | 3-1/8 | 80 | 1/4 | 6 | 2 | 51 | 2-1/4 | 57 |

