TJN

## Class T 300Vac, 1-1200A

 Very Fast Acting Fuses

## Catalog Symbol: TJN

Current-Limiting
Very Fast-Acting
Volts: 300Vac (or less*) $160 \mathrm{Vdc}(15-600 \mathrm{~A})$
Amps: 1 to1200A
IR: 200kA RMS Sym.
20kAIC (15-600A)
Agency Information: CE, UL Listed, Std. 248-15, Class T, Guide JDDZ, File E4273, CSA Certified, C22.2 No. 248.12, Class 1422-02, File 53787
*15-600A rated $160 \mathrm{Vdc}, 601-1200 \mathrm{~A}$ rated 170 Vdc and 100 kAIC .

## Features

- Small, space-saving fuses provide a high degree of current-limitation on short-circuits for excellent component protection.
- Commonly applied in electric heat circuits, load center, disconnect switches, and meters.
- The small size of the TJN fuses permits installation in panelboards and control centers for system upgrading when existing circuit breakers cannot safely interrupt larger available short-circuit currents.
- High speed of response for semiconductor protection.

| Catalog Numbers_(amps) |  |  |  |
| :--- | :--- | :--- | :--- |
| TJN150 | TJN500 |  |  |
| TJN3 | TJN50 | TJN175 | TJN600 |
| TJN6 | TJN60 | TJN200 | TJN700 |
| TJN10 | TJN70 | TJN225 | TJN800 |
| TJN15 | TJN80 | TJN250 | TJN1000 |
| TJN20 | TJN90 | TJN300 | TJN1200 |
| TJN25 | TJN100 | TJN350 |  |
| TJN35 | TJN110 | TJN400 |  |
| TJN40 | TJN125 | TJN450 |  |



| Carton Quantity and Weight |  |  |  |
| :---: | :---: | :---: | :---: |
| Amps | Carton | Weight per Carton |  |
|  | Quantity | lbs | kg |
| 1-30 | 10 | 0.12 | 0.05 |
| 35-60 | 10 | 0.23 | 0.10 |
| 70-100 | 5 | 0.36 | 0.16 |
| 110-200 | 1 | 0.14 | 0.06 |
| 225-400 | 1 | 0.25 | 0.11 |
| 450-600 | 1 | 0.44 | 0.20 |
| 700-800 | 1 | 0.80 | 0.36 |
| 1000-1200 | 1 | 1.45 | 0.66 |

## Class T Fuse Blocks (300V) Catalog Data

## Catalog Numbers

| Amps | $\frac{\text { Poles }}{}$ |  | Screw |  | Box |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 0.5 | 2 | T30030-2SR | T30030-2CR |  |  |
| to | 3 | T30030-3SR | T30030-3CR |  |  |
| 30 | 4 | T30030-4SR | T30030-4CR |  |  |
| 31 | 2 | T30060-2SR | T30060-2CR |  |  |
| to | 3 | T30060-3SR | T30060-3CR |  |  |
| 60 | 4 | T30060-4SR | T30060-4CR |  |  |
| 61 | 1 | - | T30100-1C |  |  |
| to | 2 | - | T30100-2C |  |  |
| 100 | 3 | - | T30100-3C |  |  |
| 101 to | 1 | - | T30200-1C |  |  |
| 200 | 3 | - | T30200-3C |  |  |
| 201 to 400 | 1 | - | T30400-1C |  |  |
| 401 to 600 | 1 | - | T30600-1C |  |  |

## COOPER Bussmann

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## Current Limitation Curves



RMS SYMMETRICAL CURRENTS IN AMPERES A-B = ASYMMETRICAL AVAILABLE PEAK (2.3 x SYMM RMS AMPS)

Time-Current Characteristic Curves- Average Melt


RMS SYMMETRICAL CURRENT IN AMPERES

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| TJN15 | TJN80 | TJN250 | TJN1000 |
| TJN20 | TJN90 | TJN300 | TJN1200 |
| TJN25 | TJN100 | TJN350 |  |
| TJN35 | TJN110 | TJN400 |  |
| TJN40 | TJN125 | TJN450 |  |



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| 60 | 4 | T30060-4SR | T30060-4CR |  |  |
| 61 | 1 | - | T30100-1C |  |  |
| to | 2 | - | T30100-2C |  |  |
| 100 | 3 | - | T30100-3C |  |  |
| 101 to | 1 | - | T30200-1C |  |  |
| 200 | 3 | - | T30200-3C |  |  |
| 201 to 400 | 1 | - | T30400-1C |  |  |
| 401 to 600 | 1 | - | T30600-1C |  |  |

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RMS SYMMETRICAL CURRENT IN AMPERES

