

TJN Class T 300Vac, 1-1200A Very Fast Acting Fuses



Catalog Symbol: TJN

Current-Limiting

Very Fast-Acting

Volts: 300Vac (or less*) 160Vdc (15-600A)

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 160Vdc, 601-1200A rated 170Vdc 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 (amp IJN45	s) 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

carton quantity and rought						
	Carton	Weight per Carton				
<u>Amps</u>	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

		outding Humbers		
<u>Amps</u>	<u>Poles</u>	<u>Screw</u>	<u>Box</u> Lug	
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	



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Current Limitation Curves



Time-Current Characteristic Curves- Average Melt



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