

OT/OTN/OTS Class K-5

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

Highlights:

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

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

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.



MERSEN

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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 H 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

