



OPTIFUSE INDUSTRIAL CIRCUIT PROTECTION

High interrupting ratings for enhanced reliability



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OPTIFUSE INDUSTRIAL FUSES

OptiFuse UL listed industrial fuses are designed to provide a high interrupting capacity while maintaining a low-profile design. This allows for your system to experience maximum current protection without the burden of taking up a lot of space.

Branch-Circuit Protection

Class CC and Class T fuses are designed to provide overcurrent and short-circuit protection for power and lighting feeders and branch circuits, while OptiFuse Midget fuses serve as an excellent choice for supplemental protection.

Current Limiting: Class CC and Class T Fuses

Class CC and Class T fuses' current limiting capabilities allow them to prevent harm to the system even in face of the highest short circuit currents.

Fast Acting vs. Time Delay Fuses

Fast Acting fuses are used in control panels, lighting circuits, and other general circuits. The Time Delay versions are designed to prevent nuisance tripping in circuits that experience transient in-rush currents such as small motor applications, control transformers, solenoids, and other inductive loads.

CLASS T FUSES

F3T Series Class T Fuses - 300VAC



F6T Series Class T Fuses - 600VAC



CURRENT RATINGS						
1	10	30	50	90	150	250
2	15	35	60	100	175	300
3	20	40	70	110	200	350
6	25	45	80	125	225	400

Specifications

Voltage Rating 300VAC 160VDC
 Interrupting Rating 200kA 300VAC | 50kA 160VDC
 Current Limiting
 Fast Acting

CURRENT RATINGS			
70	110	200	350
80	125	225	400
90	150	250	-
100	175	300	-

Specifications

Voltage Rating 600VAC 300VDC
 Interrupting Rating 200kA 600VAC | 50kA 300VDC
 Current Limiting
 Fast Acting

CLASS CC FUSES

FPK-R Series Class CC Fuses - Fast Acting



TPK-R Series Class CC Fuses - Time Delay



CURRENT RATINGS					
1	2	3.5	6.3	10	20
1.25	2.5	4	7	12	25
1.5	3	5	8	15	30
1.6	3.15	6	9	16	-

Specifications

Voltage Rating 600VAC 300VDC
 Interrupting Rating 200kA 600VAC | 20kA 300VDC
 Current Limiting
 Fast Acting

CURRENT RATINGS					
1	2	3.5	6.3	10	20
1.25	2.5	4	7	12	25
1.5	3	5	8	15	30
1.6	3.15	6	9	16	-

Specifications

Voltage Rating 600VAC 300VDC
 Interrupting Rating 200kA 600VAC | 10kA 300VDC
 Current Limiting
 Time Delay

MIDGET FUSES (SUPPLEMENTARY)

FPK Series Midget Fuses - Fast Acting



TPK Series Midget Fuses - Time Delay



CURRENT RATINGS					
1	2	3.5	6.3	10	20
1.25	2.5	4	7	12	25
1.5	3	5	8	15	30
1.6	3.15	6	9	16	-

Specifications

Voltage Rating 600VAC 600VDC
 Interrupting Rating 100kA 600VAC | 10kA 600VDC
 Fast Acting

CURRENT RATINGS						
0.5	0.8	1.6	3.15	6	9	16
0.63	1	2	3.5	6.3	10	20
0.7	1.25	2.5	4	7	12	25
0.75	1.5	3	5	8	15	30

Specifications

Voltage Rating 500VAC
 Interrupting Rating 10kA 500VAC
 Time Delay



INDUSTRIAL FUSES CROSS REFERENCE GUIDE

CLASS T FUSES

OPTIFUSE

F3T
F6T

EATON / BUSSMANN

JJN
JJS

LITTELFUSE

JLLN
JLLS

MERSEN

A3T
A6T

CLASS CC FUSES

OPTIFUSE

FPK-R
TPK-R

EATON / BUSSMANN

KTK-R
FNQ-R

LITTELFUSE

KLKR
KLDL

MERSEN

ATMR
ATQR

MIDGET FUSES

OPTIFUSE

FPK
TPK

EATON / BUSSMANN

KTK
FNQ

LITTELFUSE

KLK
FLQ

MERSEN

ATM
ATQ

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