

Thermal Protection

Thermal Fuse – Microtemp



Body: L = 14.7, Dia = 4.0 Lead dia. = 1.0

- Highly reliable, low cost non-resettable axial fuses
- BEAB, VDE, CSA, FEMKO and UL approvals
- The leads have a strain relief system to support a load of up to 1.35kgs (3lbs)
- For upper limit temperature protection

Rating	10A @ 250V ac	Opening temperature	
Breakdown voltage when open	1200V ac	Tolerance	+0°C to -4°C
		Max. rupture current:	40A inductive 20A resistive

FUS31

Order Multiple=5

Opening Temperature	Mfrs. List No.	Order Code	5+	50+	100+	500+
72°C	G4A01072C	476-560				
84°C	G4A01084C	476-572				
93°C	G4A01093C	187-008				
98°C	G4A01098C	476-584				
104°C	G4A01104C	187-010				
110°C	G4A01110C	187-021				
117°C	G4A01117C	187-033				
121°C	G4A01121C	476-596				
128°C	G4A01128C	187-045				
144°C	G4A01144C	187-057				
152°C	G4A01152C	187-069				
167°C	G4A01167C	476-602				
184°C	G4A01184C	476-614				
192°C	G4A01192C	187-070				
216°C	G4A01216C	187-082				
229°C	G4A01229C	760-961				
240°C	G4A01240C	187-094				

Thermal Fuse with Metal Base

DM Series



Plastic Body
H = 15.5, W = 14.7, D = 11.3

- Surface mount single shot thermal fuse
- Heat transfer from metal base gives excellent thermal response and eliminates spurious ambient effects
- Mounting via the base plate and electrical connection via 6.3mm tabs

Flange: 31 11.3, FC = 24 4 dia.,
Terminals: 6.3 male push-on

Electrical rating	15A @250V	Temperature tolerance	+0°C -7°C
Approvals	UL, CSA, TUV	Terminal pull test	10kg for 15 sec

FUS116

Opening Temp (°C)	Rated Holding Temp (°C)	Mfrs. List No.	Order Code	1+	25+	50+	100+
78	62	DM078H	187-100				
99	83	DM099H	187-112				
120	96	DM120H	187-124				
150	135	DM150H	187-136				
170	145	DM170H	187-148				
190	170	DM190H	187-150				

American Midget Fuses

A range of midget fuses manufactured in accordance with American standards suitable for use as replacement fuses in Fluke multimeters.

Fluke Multimeter Replacement Fuse Selection Guide

Fluke Model No.	440mA Fuse Order Code	630mA Fuse Order Code	1A Fuse Order Code	2A Fuse Order Code	3A Fuse Order Code	15A Fuse Order Code	11A Fuse Order Code	20A Fuse Order Code
21/23/27/75/77 Series II	305-7458	105-559	303-1792	105-558	303-1809	302-9396	305-7460	302-9402
21-III/75-III 76/29/79 Series II								
83/85/87 (S/N .6565001)								
45								
25/27								
73 Series II and 73-III								
863/865/867B 83/85/87 (S/N .6565001)								
83-III/85-III/87-III/87E-III								
23-III/75-III 77-III/79-III								
8060A								

FUS346

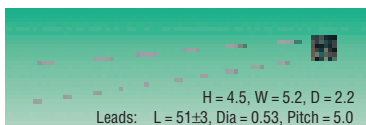
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744

Fuses Circuit Breakers & Consumer Units

Thermal Fuse – 'S' Series

ELCUT



H = 4.5, W = 5.2, D = 2.2
Leads: L = 51±3, Dia = 0.53, Pitch = 5.0

Sub-miniature non-resettable thermal fuses approved to UL, CSA and VDE. The case is completely isolated from either of the connecting leads. The compact size of the 'S' series cutoffs makes them ideal for todays high density mounting requirements.

Rating	1A @ 240V ac
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FUS27

Order Multiple=5

Max. Rated Operating Temperature	Actual Opening Temperature	Order Code	5+	50+	100+	500+
102°C	98°C ±2°	106-419				
115°C	112°C ±3°	106-420				
130°C	126°C ±2°	106-421				
150°C	145°C ±2°	106-422				

Thermal Fuse



H = 7.5, W = 6.6, D = 2.5.
Lead = 50 0.60 (262-493/500/511),
46 0.70 (146-121/122)

Non-resettable fuses approved to VDE and UL*. The case is completely isolated from either of the connecting leads.

Ratings:	262-493/500/511	3A @ 250V ac
	146-121/122	2.5A @ 250V ac

*except 262-493 and 146-122

FUS28

Order Multiple=5

Max. Rated Operating Temperature	Actual Opening Temperature	Order Code	5+	50+	100+	500+
85°C	85°C +0°C/-6°C	262-493 ♦				
98°C	98°C +0°C/-6°C	262-500				
108°C	108°C +0°C/-6°C	262-511				
150°C	145°C ±2°	146-121				
187°C	183°C ±2°	146-122 ♦				

High Performance Fast Acting – 10.3 35mm

BLS Series – Suitable For Multimeters



- For high ac fault current circuitry
- UL recognised
- CSA approved

Voltage rating 600V ac
Breaking capacity 10,000A @ 600V ac

FUS339

Rating	Mfrs. List No.	Order Code	1+	10+	25+
1A	BLS1	.303-1792			
3A	BLS3	.303-1809			

High Performance Fast Acting – 10.3 38mm

Suitable For Multimeters



- UL recognised

Voltage rating 1000V ac/dc
Breaking capacity 17,000A @ 250V ac/dc

FUS337

Rating	Mfrs. List No.	Order Code	1+	5+	25+
11A	FLU011.TA000	305-7460			

High Performance Fast Acting – 10.3 38mm

BLN Series – Suitable For Multimeters



- UL recognised
- CSA approved

Voltage rating 250V ac
Breaking capacity 100,000A @ 250V ac