

# PC Board Fuses - Sub Miniature with Leads

## GFA, GLN and GLX Series



**Catalog Symbol:** GFA  
**Sub Miniature with Axial Leads**  
**Non Time-Delay**

0.145" x 0.300" (3.7mm x 7.6mm)

**Interrupting Rating:** 50 AIC

**Agency Approvals:**

UL Recognized, (½-5A) Guide JDY2Z, File 19180

CSA Certified, (½-5A) File 53787, Class 1425-01

**Electrical Ratings (Catalog Symbol and Amps)**  
**125 Volts AC**

Amps	Test Spec.	Color Code (Opp. Ends)		Amps	Test Spec.	Color Code (Opp. Ends)	
GFA- $\frac{1}{200}$	A	Red	Blk	GFA- $\frac{3}{10}$	A	Grn	Grn
GFA- $\frac{1}{100}$	A	Red	Orn	GFA- $\frac{1}{10}$	A	Blu	Blu
GFA- $\frac{1}{64}$	A	Red	Grn	GFA- $\frac{1}{2}$	B	Orn	Grn
GFA- $\frac{1}{50}$	A	Red	Wht	GFA- $\frac{3}{10}$	B	Orn	Blu
GFA- $\frac{1}{32}$	A	Red	Brn	GFA- $\frac{1}{4}$	B	Orn	Pur
GFA- $\frac{1}{20}$	A	Yel	Yel	GFA-1	B	Yel	Grn
GFA- $\frac{1}{16}$	A	Brn	Brn	GFA-1 ½	B	Yel	Pur
GFA- $\frac{1}{10}$	A	Red	Red	GFA-2	B	Grn	Blu
GFA- $\frac{1}{8}$	A	Orn	Orn	GFA-2 ½	B	Grn	Brn
GFA- $\frac{1}{4}$	B	Red	Yel	GFA-3	B	Blu	Pur
GFA- $\frac{1}{2}$	B	Red	Blu	GFA-4	B	Pur	Brn
GFA- $\frac{1}{4}$	B	Red	Pur	GFA-5	B	Brn	Blk

**32 Volts AC**

Amps	Test Spec.	Color Code (Opp. Ends)		Amps	Test Spec.	Color Code (Opp. Ends)	
GFA-7	A	Pur	Grn	GFA-12	A	Blk	Blu
GFA-8	A	Grn	Blk	GFA-15	A	Blk	Pur
GFA-10	A	Yel	Brn	—			

**Test Specifications**

Load	Opening Time		Wire Lead Size	
	"A"	"B"	No.	Fuse
100%	4 hrs. (min.)	—	24	$\frac{1}{200}$ to 5A
150%	—	10 sec. (max.)	18	6 to 12A
200%	10 sec.	—	16	15A

**Carton Quantity and Weight**

Amp Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
$\frac{1}{200}$ -15	100	0.171	52.6

\*Weight per carton.

**General Information:**

- Glass tube fuses for protection of subminiature devices.
- Tinned wire leads solder into circuit.
- Withstand high-shock and vibration.
- Color-coded for amp rating.
- Axial leads (1 ½") can be fed through wire forming machine.



**Catalog Symbol:** GLN  
**Sub Miniature with Radial Leads**  
**Non Time-Delay**

0.145" x 0.300" (3.7mm x 7.6mm)

**Interrupting Rating:** 50 AIC

**Electrical Ratings (Catalog Symbol and Amps)**  
**125 Volts AC**

Amps	Test Spec.	Color Code (Opp. Ends)		Amps	Test Spec.	Color Code (Opp. Ends)	
GLN- $\frac{1}{100}$	A	Red	Orn	GLN- $\frac{1}{10}$	A	Red	Red
GLN- $\frac{1}{32}$	A	Red	Brn	GLN- $\frac{3}{10}$	A	Grn	Grn
GLN- $\frac{1}{20}$	A	Yel	Yel	GLN- $\frac{1}{4}$	A	Blu	Blu
GLN- $\frac{1}{16}$	A	Brn	Brn	—			

**32 Volts AC**

Amps	Test Spec.	Color Code (Opp. Ends)		Amps	Test Spec.	Color Code (Opp. Ends)	
GLN-7	A	Pur	Grn	GLN-10	A	Yel	Brn
GLN-8	A	Grn	Blk	—			

**Test Specifications**

Load	Opening Time		Wire Lead Size	
	"A"	"B"	No.	Fuse
110%	4 hrs. (min.)	—	24	$\frac{1}{200}$ to 5A
150%	—	*10 sec. (max.)	18	6A to 10A
200%	*10 sec.	—	—	—

\*Maximum time.

**Carton Quantity and Weight**

Amp Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
$\frac{1}{100}$ -10	100	0.171	52.6

\*Weight per carton.

**General Information:**

- Glass tube fuses for protection of subminiature devices.
- Tinned radial leads spaced for easy assembly on printed circuit chassis.
- Withstand high-shock and vibration.
- Color-coded for amp rating.
- Radial leads (1 ½") can be fed through wire forming machine.

# PC Board Fuses - Sub Miniature with Leads

## GFA, GLN and GLX Series



**Catalog Symbol:** GLX  
**Sub Miniature with Radial Leads**  
**Non-Time-Delay**  
 0.145" x 0.300" (3.7mm x 7.6mm)  
**Interrupting Rating:** 50 AIC

**Electrical Ratings (Catalog Symbol and Amps)**  
**125 Volts AC**

Amps	Test Spec.	Color Code (Opp. Ends)	Amps	Test Spec.	Color Code (Opp. Ends)
GLX-¼	B	Red Pur	GLX-2	B	Grn Blu
GLX-½	B	Orn Grn	GLX-3	B	Blu Pur
GLX-¾	B	Orn Pur	GLX-4	B	Pur Brn
GLX-1	B	Yel Grn	GLX-5	B	Brn Blk
GLX-1 ½	B	Yel Pur	—	—	—

**Wire Lead Size**

No.	Fuse
24	¼ <sub>00</sub> to 5A

**Carton Quantity and Weight**

Amp Ratings	Carton Qty.	Weight*	
		Lbs.	Kg.
¼-5	100	0.171	52.6

\*Weight per carton.

**General Information:**

- Glass tube fuses for protection of subminiature devices.
- Tinned radial leads spaced for easy assembly on printed circuit chassis.
- Withstand high-shock and vibration.
- Color-coded for ampere rating.
- Radial leads (1 ½") can be fed through wire forming machine.

**Time-Current Characteristics-Total Clear**



The only controlled copy of this BIF document is the electronic read-only version located on the Bussmann Network Drive. All other copies of this BIF document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.