

# CYLINDER

Cylinder Fuses are typically used in industrial applications to protect electrical devices such as motors, drives, etc.

They are available in four sizes with a current range from 1 to 100 Amps. Cylinder Fuses have metal caps at both ends, and a porcelain fuse body.

Please refer to pg 15 for ordering information for Cylinder Fuse Holders.

## Operating Class

### GI / gL / gG - Line Protection

Slow Blow, typically used for power distribution and resistive loads.

*Typical Markings: gL, gG*

*Black imprint.*

### aM - Motor Protection

Fast acting short circuit protection, but slow acting overload protection.

*Typical Marking: aM*

*Green imprint.*

### aR - Semiconductor Protection

Typically used for protecting semiconductors like diodes, SCR's etc. Current limiting, super fast blow.

*Typical Markings: Ultra Rapid™,*

*Ultra Quick™, Protister™, gR,*

*Blue imprint.*



**8 x 32**

Ordering Information	Current/ Voltage	Cat. No.	Std. Pk.
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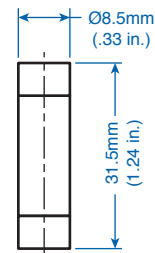
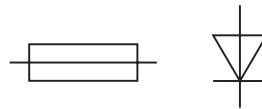
<b>Slow Blow - Operating Class gI</b> (IEC 269 / CEI 32) <b>Line Protection</b>	1/400V AC	<b>1C8x32GI</b>	10
	2/400V AC	<b>2C8x32GI</b>	10
	4/400V AC	<b>4C8x32GI</b>	10
	6/400V AC	<b>6C8x32GI</b>	10
	8/400V AC	<b>8C8x32GI</b>	10
	10/400V AC	<b>10C8x32GI</b>	10
	12/400V AC	<b>12C8x32GI</b>	10
	16/400V AC	<b>16C8x32GI</b>	10
	20/400V AC	<b>20C8x32GI</b>	10
	25/400V AC	<b>25C8x32GI</b>	10

**Weight: 4 g each**

<b>Fast Blow - Operating Class aM</b> (IEC 269 / CEI 32) <b>Motor Protection</b>	1/400V AC	<b>1C8x32AM</b>	10
	2/400V AC	<b>2C8x32AM</b>	10
	4/400V AC	<b>4C8x32AM</b>	10
	6/400V AC	<b>6C8x32AM</b>	10
	8/400V AC	<b>8C8x32AM</b>	10
	10/400V AC	<b>10C8x32AM</b>	10
	12/400V AC	<b>12C8x32AM</b>	10
	16/400V AC	<b>16C8x32AM</b>	10
	20/400V AC	<b>20C8x32AM</b>	10
	25/400V AC	<b>25C8x32AM</b>	10

**Weight: 4 g each**

**Semiconductor Protection - Operating Class gR**  
(VDE 0636 / IEC 269)  
**Semiconductor Protection**



Dimensions to NFC 61200, NFC 63210,  
NFC 63211 (NFC = French Standard)

\* Selected fuse are also available with Striker Pin. When ordering Fuse with Striker Pin, designate suffix "IS" after the Cat. No. (Ex. 2C14x51GI/IS). Contact Altech for more information.



**10 x 38**

Current/ Voltage	Cat. No.	Std. Pk.
0.5/500V AC	<b>0.5C10x38GI</b>	10
1/500V AC	<b>1C10x38GI</b>	10
2/500V AC	<b>2C10x38GI</b>	10
4/500V AC	<b>4C10x38GI</b>	10
6/500V AC	<b>6C10x38GI</b>	10
8/500V AC	<b>8C10x38GI</b>	10
10/500V AC	<b>10C10x38GI</b>	10
12/500V AC	<b>12C10x38GI</b>	10
16/500V AC	<b>16C10x38GI</b>	10
20/400V AC	<b>20C10x38GI</b>	10
25/400V AC	<b>25C10x38GI</b>	10
32/400V AC	<b>32C10x38GI</b>	10

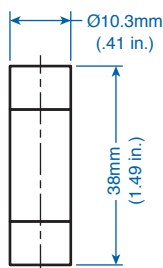
Weight: 10 g each

0.5/500V AC	<b>0.5C10x38AM</b>	10
1/500V AC	<b>1C10x38AM</b>	10
2/500V AC	<b>2C10x38AM</b>	10
4/500V AC	<b>4C10x38AM</b>	10
6/500V AC	<b>6C10x38AM</b>	10
8/500V AC	<b>8C10x38AM</b>	10
10/500V AC	<b>10C10x38AM</b>	10
12/500V AC	<b>12C10x38AM</b>	10
16/500V AC	<b>16C10x38AM</b>	10
20/400V AC	<b>20C10x38AM</b>	10
25/400V AC	<b>25C10x38AM</b>	10
32/400V AC	<b>32C10x38AM</b>	10

Weight: 10 g each

1/600V AC	<b>DISCONTINUED</b> 1C10x38SC	10
2/600V AC	<b>2C10x38SC</b>	10
4/600V AC	<b>4C10x38SC</b>	10
6/600V AC	<b>6C10x38SC</b>	10
8/600V AC	<b>8C10x38SC</b>	10
10/600V AC	<b>10C10x38SC</b>	10
12/600V AC	<b>12C10x38SC</b>	10
16/600V AC	<b>16C10x38SC</b>	10
20/600V AC	<b>20C10x38SC</b>	10
25/600V AC	<b>25C10x38SC</b>	10
30/600V AC	<b>30C10x38SC</b>	10
32/600V AC	<b>32C10x38SC</b>	10

Weight: 10 g each



Dimensions to NFC 60200, NFC 63210, NFC 63211 (NFC = French Standard)



**14 x 51**

Current/ Voltage	Cat. No.	Std. Pk.
1/660V AC	<b>DISCONTINUED</b> 1C14x51GI	10
2/690V AC	<b>2C14x51GI</b> *	10
4/690V AC	<b>4C14x51GI</b> *	10
6/690V AC	<b>6C14x51GI</b> *	10
8/690V AC	<b>8C14x51GI</b> *	10
10/690V AC	<b>10C14x51GI</b> *	10
12/690V AC	<b>12C14x51GI</b> *	10
16/690V AC	<b>16C14x51GI</b> *	10
20/690V AC	<b>20C14x51GI</b> *	10
25/690V AC	<b>25C14x51GI</b> *	10
32/500V AC	<b>32C14x51GI</b>	10
40/500V AC	<b>40C14x51GI</b>	10
50/500V AC	<b>50C14x51GI</b>	10

Weight: 20 g each

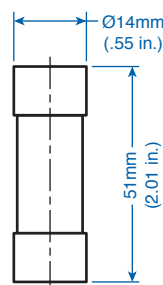
1/660V AC	<b>DISCONTINUED</b> 1C14x51AM	10
2/690V AC	<b>2C14x51AM</b> *	10
4/690V AC	<b>4C14x51AM</b> *	10
6/690V AC	<b>6C14x51AM</b> *	10
8/690V AC	<b>8C14x51AM</b> *	10
10/690V AC	<b>10C14x51AM</b> *	10
12/690V AC	<b>12C14x51AM</b> *	10
16/690V AC	<b>16C14x51AM</b> *	10
20/690V AC	<b>20C14x51AM</b> *	10
25/690V AC	<b>25C14x51AM</b> *	10
32/500V AC	<b>32C14x51AM</b>	10
40/500V AC	<b>40C14x51AM</b>	10
50/500V AC	<b>50C14x51AM</b>	10

Weight: 20 g each

1/660V AC	<b>DISCONTINUED</b> 1C14x51SC	10
2/660V AC	<b>2C14x51SC</b>	10
4/660V AC	<b>4C14x51SC</b>	10
6/660V AC	<b>6C14x51SC</b>	10
8/660V AC	<b>8C14x51SC</b>	10
10/690V AC	<b>10C14x51SC</b> *	10
12/690V AC	<b>12C14x51SC</b> *	10
16/690V AC	<b>16C14x51SC</b> *	10
20/690V AC	<b>20C14x51SC</b> *	10
25/690V AC	<b>25C14x51SC</b> *	10
32/690V AC	<b>32C14x51SC</b> *	10
40/690V AC	<b>40C14x51SC</b> *	10
50/690V AC	<b>50C14x51SC</b> *	10

Weight: 20 g each

\*Also available with striker pin.



Dimensions to NFC 60200, NFC 63210, NFC 63211 (NFC = French Standard)



**22 x 58**

Current/ Voltage	Cat. No.	Std. Pk.
6/660V AC	<b>DISCONTINUED</b> 6C22x58GI *	10
8/660V AC	<b>8C22x58GI</b> *	10
10/660V AC	<b>10C22x58GI</b> *	10
12/660V AC	<b>12C22x58GI</b> *	10
16/690V AC	<b>16C22x58GI</b> *	10
20/690V AC	<b>20C22x58GI</b> *	10
25/690V AC	<b>25C22x58GI</b> *	10
32/690V AC	<b>32C22x58GI</b> *	10
40/690V AC	<b>40C22x58GI</b> *	10
50/500V AC	<b>50C22x58GI</b> *	10
63/500V AC	<b>63C22x58GI</b> *	10
80/500V AC	<b>80C22x58GI</b> *	10
100/500V AC	<b>100C22x58GI</b> *	10

Weight: 51 g each

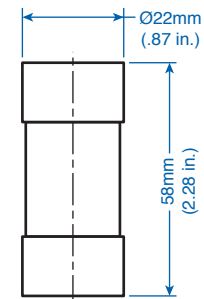
6/660V AC	<b>DISCONTINUED</b> 6C22x58AM *	10
8/660V AC	<b>8C22x58AM</b> *	10
10/660V AC	<b>10C22x58AM</b> *	10
12/660V AC	<b>12C22x58AM</b> *	10
16/690V AC	<b>16C22x58AM</b> *	10
20/690V AC	<b>20C22x58AM</b> *	10
25/690V AC	<b>25C22x58AM</b> *	10
32/690V AC	<b>32C22x58AM</b> *	10
40/690V AC	<b>40C22x58AM</b> *	10
50/690V AC	<b>50C22x58AM</b> *	10
63/500V AC	<b>63C22x58AM</b> *	10
80/500V AC	<b>80C22x58AM</b> *	10
100/500V AC	<b>100C22x58AM</b> *	10

Weight: 51 g each

4/660V AC	<b>DISCONTINUED</b> 4C22x58SC	10
6/660V AC	<b>6C22x58SC</b>	10
8/660V AC	<b>8C22x58SC</b>	10
10/660V AC	<b>10C22x58SC</b>	10
12/660V AC	<b>12C22x58SC</b>	10
16/660V AC	<b>16C22x58SC</b>	10
20/690V AC	<b>20C22x58SC</b> *	10
25/690V AC	<b>25C22x58SC</b> *	10
32/690V AC	<b>32C22x58SC</b> *	10
40/690V AC	<b>40C22x58SC</b> *	10
50/690V AC	<b>50C22x58SC</b> *	10
63/690V AC	<b>63C22x58SC</b> *	10
80/690V AC	<b>80C22x58SC</b> *	10
100/500V AC	<b>100C22x58SC</b> *	10

Weight: 51 g each

\*Also available with striker pin.



Dimensions to NFC 60200, NFC 63210, NFC 63211 (NFC = French Standard)

# Mouser Electronics

Authorized Distributor

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[32C10X38AM](#) [16C10X38AM](#) [63C22X58GI](#) [6C10X38GI](#) [80C22X58GI](#) [8C10X38GI](#) [40C14X51GI](#) [40C22X58GI](#)  
[10C8X32GI](#) [20C10X38GI](#) [10C10X38GI](#) [16C10X38GI](#) [4C8X32GI](#) [20C8X32GI](#) [4C10X38GI](#) [50C14X51SC](#)