

## 阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

## Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .

# Bussmann Cylindrical fuse links



## Product description

Bussmann's range of cylindrical class gG/gL and aM fuse links are suitable for industrial applications.

## Standard features

- Compact design
- Tool free installation
- Low temperature rise
- Available with strikers and indicators
- Compatible with Bussmann's modular fuse holders

**Table 1. Catalogue Symbol:**

Size (mm)	Without indicator (example)	With indicator (example)	With striker* (example)
<b>Class gG/gL</b>			
8 x 31	C08G (amps) (C08G4)	C08G(amps)I (C08G4I)	N/A
10 x 38	C10G(amps) (C10G4)	C10G(amps)I (C10G4I)	N/A
14 x 51	C14G(amps) (C14G4)	C14G(amps)I (C14G4I)	C14G(amps)S* (C14G4S)
22 x 58	C22G(amps) (C22G4)	C22G(amps)I (C22G4I)	C22G(amps)S* (C22G4S)
<b>Class aM</b>			
8 x 31	C08M(amps) (C08M4)	N/A	N/A
10 x 38	C10M(amps) (C10M4)	C10M(amps)I (C10M4I)	N/A
14 x 51	C14M(amps) (C14M4)	C14M(amps)I (C14M4I)	C14M(amps)S* (C14M4S)
22 x 58	C22M(amps) (C22M12)	C22M(amps)I (C22M12I)	C22M(amps)S* (C22M12S)

\* Striker fuse links can operate a microswitch for remote fuse link operated indication

**Fuse size:**

- 8 x 31, 10 x 38, 14 x 51 and 22 x 58 mm

**Technical data:**

- Volts: 400 to 690 V a.c.
- Amps: 0.25 to 125 A
- Breaking capacity: 20 to 120 kA AC
- Class of operation: gG/gL and aM

**Standards/Approvals:**

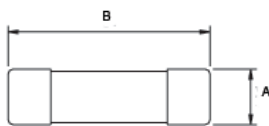
- IEC 60269

**Packaging:**

- 10 per carton

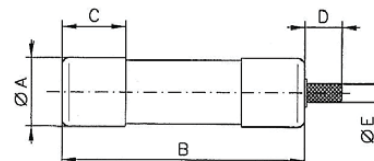
**Dimensions - mm**

Fuse links with or without indicator



Size (mm)	A	B
8 x 31 mm	8	31
10 x 38 mm	10	38
14 x 51 mm	14	51
22 x 58 mm	22	58

Fuse links with striker



Size (mm)	A	B	C	D	E
14 x 51	14	51	13	8	4
22 x 58	22	58	16	8	4

\* For striker fuse links applications use CH14(# of poles) DMSU-F or CH22(# of poles)DMSU-F fuse holders with microswitch auxiliary contacts

Table 2. Catalogue Numbers gG/gL 8 x 31, 10 x 38 and 14 x 51 mm

Size (mm)	Class	Current (A)	Voltage (V a.c.)	Breaking Capacity (kA)	Catalogue Numbers	Pack Quantity	Fuse Holders*	Size (mm)	Class	Current (A)	Voltage (V a.c.)	Breaking Capacity (kA)	Catalogue Numbers	Pack Quantity	Fuse Holders*
<b>8 x 31 mm Without indicator</b>								<b>14 x 51 mm Without indicator</b>							
8 x 31	gG/gL	0.5	400	20	C08G0-5	10	-	14 x 51	gG/gL	1	690	80	C14G1	10	CH14
8 x 31	gG/gL	1	400	20	C08G1	10	-	14 x 51	gG/gL	2	690	80	C14G2	10	CH14
8 x 31	gG/gL	2	400	20	C08G2	10	-	14 x 51	gG/gL	4	690	80	C14G4	10	CH14
8 x 31	gG/gL	4	400	20	C08G4	10	-	14 x 51	gG/gL	6	690	80	C14G6	10	CH14
8 x 31	gG/gL	6	400	20	C08G6	10	-	14 x 51	gG/gL	8	690	80	C14G8	10	CH14
8 x 31	gG/gL	8	400	20	C08G8	10	-	14 x 51	gG/gL	10	690	80	C14G10	10	CH14
8 x 31	gG/gL	10	400	20	C08G10	10	-	14 x 51	gG/gL	12	690	80	C14G12	10	CH14
8 x 31	gG/gL	12	400	20	C08G12	10	-	14 x 51	gG/gL	16	690	80	C14G16	10	CH14
8 x 31	gG/gL	16	400	20	C08G16	10	-	14 x 51	gG/gL	20	690	80	C14G20	10	CH14
8 x 31	gG/gL	20	400	20	C08G20	10	-	14 x 51	gG/gL	25	690	80	C14G25	10	CH14
<b>8 x 31 mm With indicator</b>								<b>14 x 51 mm With indicator</b>							
8 x 31	gG/gL	2	400	20	C08G2I	10	-	14 x 51	gG/gL	32	500	120	C14G32	10	CH14
8 x 31	gG/gL	4	400	20	C08G4I	10	-	14 x 51	gG/gL	40	500	120	C14G40	10	CH14
8 x 31	gG/gL	6	400	20	C08G6I	10	-	<b>14 x 51 mm With striker</b>							
8 x 31	gG/gL	8	400	20	C08G8I	10	-	14 x 51	gG/gL	1	690	80	C14G1I	10	CH14
8 x 31	gG/gL	10	400	20	C08G10I	10	-	14 x 51	gG/gL	2	690	80	C14G2I	10	CH14
8 x 31	gG/gL	12	400	20	C08G12I	10	-	14 x 51	gG/gL	4	690	80	C14G4I	10	CH14
8 x 31	gG/gL	16	400	20	C08G16I	10	-	14 x 51	gG/gL	6	690	80	C14G6I	10	CH14
8 x 31	gG/gL	20	400	20	C08G20I	10	-	14 x 51	gG/gL	8	690	80	C14G8I	10	CH14
<b>10 x 38 mm Without indicator</b>								<b>14 x 51 mm With indicator</b>							
10 x 38	gG/gL	0.5	500	120	C10G0-5	10	CHM	14 x 51	gG/gL	10	690	80	C14G10I	10	CH14
10 x 38	gG/gL	1	500	120	C10G1	10	CHM	14 x 51	gG/gL	12	690	80	C14G12I	10	CH14
10 x 38	gG/gL	2	500	120	C10G2	10	CHM	14 x 51	gG/gL	16	690	80	C14G16I	10	CH14
10 x 38	gG/gL	4	500	120	C10G4	10	CHM	14 x 51	gG/gL	20	690	80	C14G20I	10	CH14
10 x 38	gG/gL	6	500	120	C10G6	10	CHM	14 x 51	gG/gL	25	690	80	C14G25I	10	CH14
10 x 38	gG/gL	8	500	120	C10G8	10	CHM	14 x 51	gG/gL	32	500	120	C14G32I	10	CH14
10 x 38	gG/gL	10	500	120	C10G10	10	CHM	14 x 51	gG/gL	40	500	120	C14G40I	10	CH14
10 x 38	gG/gL	12	500	120	C10G12	10	CHM	14 x 51	gG/gL	50	400	120	C14G50I	10	CH14
10 x 38	gG/gL	16	500	120	C10G16	10	CHM	<b>14 x 51 mm With striker</b>							
10 x 38	gG/gL	20	500	120	C10G20	10	CHM	14 x 51	gG/gL	2	500	120	C14G2S	10	CH14
10 x 38	gG/gL	25	500	120	C10G25	10	CHM	14 x 51	gG/gL	4	500	120	C14G4S	10	CH14
10 x 38	gG/gL	32	400	120	C10G32	10	CHM	14 x 51	gG/gL	6	500	120	C14G6S	10	CH14
<b>10 x 38 mm With indicator</b>								<b>14 x 51 mm With indicator</b>							
10 x 38	gG/gL	1	500	120	C10G1I	10	CHM	14 x 51	gG/gL	8	500	120	C14G8S	10	CH14
10 x 38	gG/gL	2	500	120	C10G2I	10	CHM	14 x 51	gG/gL	10	500	120	C14G10S	10	CH14
10 x 38	gG/gL	4	500	120	C10G4I	10	CHM	14 x 51	gG/gL	12	500	120	C14G12S	10	CH14
10 x 38	gG/gL	6	500	120	C10G6I	10	CHM	14 x 51	gG/gL	16	500	120	C14G16S	10	CH14
10 x 38	gG/gL	8	500	120	C10G8I	10	CHM	14 x 51	gG/gL	20	500	120	C14G20S	10	CH14
10 x 38	gG/gL	10	500	120	C10G10I	10	CHM	14 x 51	gG/gL	25	500	120	C14G25S	10	CH14
10 x 38	gG/gL	12	500	120	C10G12I	10	CHM	14 x 51	gG/gL	32	500	120	C14G32S	10	CH14
10 x 38	gG/gL	16	500	120	C10G16I	10	CHM	14 x 51	gG/gL	40	500	120	C14G40S	10	CH14
10 x 38	gG/gL	20	500	120	C10G20I	10	CHM	14 x 51	gG/gL	50	400	120	C14G50S	10	CH14
10 x 38	gG/gL	25	500	120	C10G25I	10	CHM								
10 x 38	gG/gL	32	500	120	C10G32I	10	CHM								
10 x 38	gG/gL	40	500	120	C10G40I	10	CHM								
10 x 38	gG/gL	50	400	120	C10G50I	10	CHM								

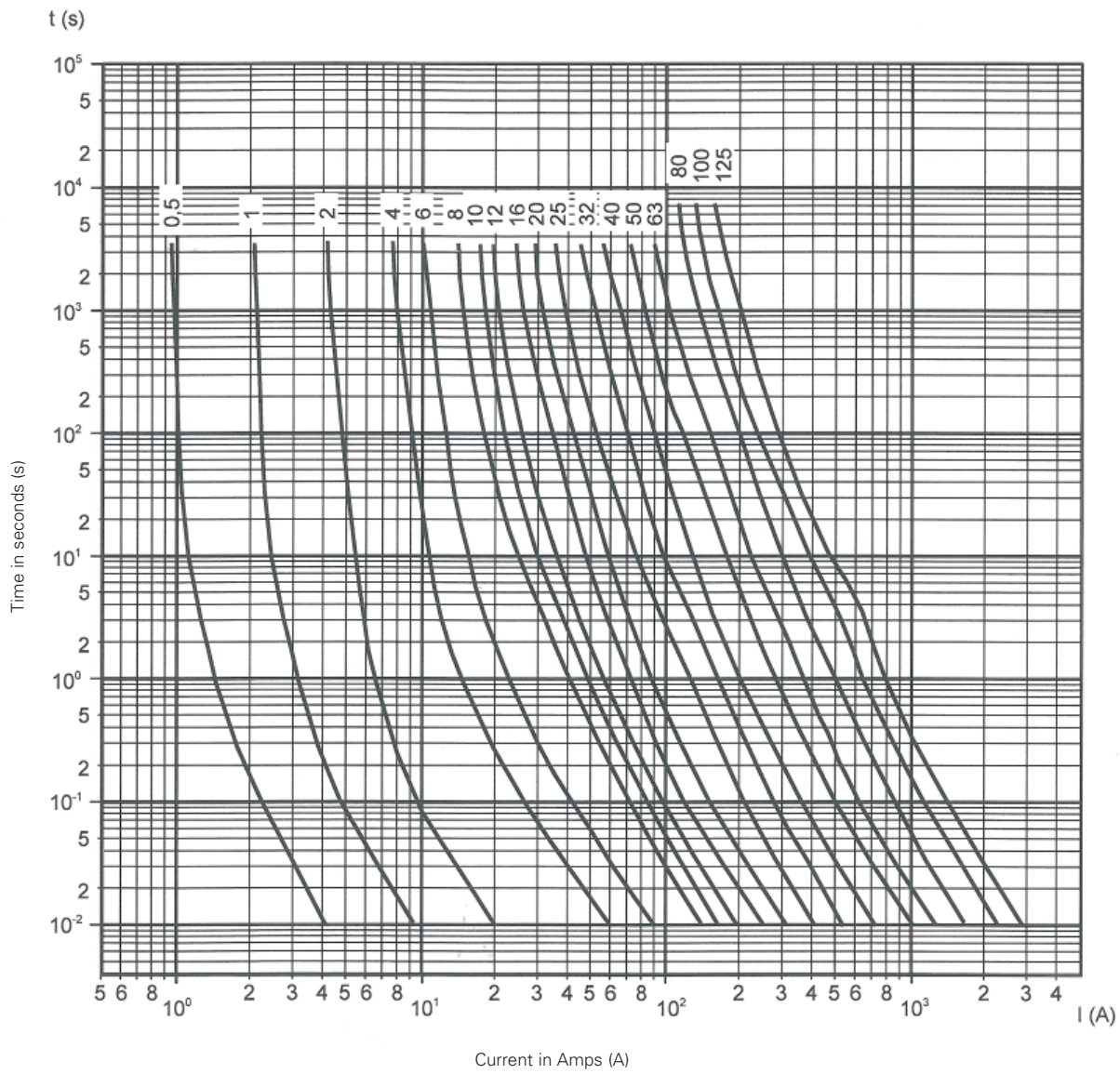
\* Please contact our Technical department for further information on our range of modular fuse holders: 00 44 1509 882 699 or buletechnical@eaton.com

Table 3. Catalogue Numbers 22 x 58 mm

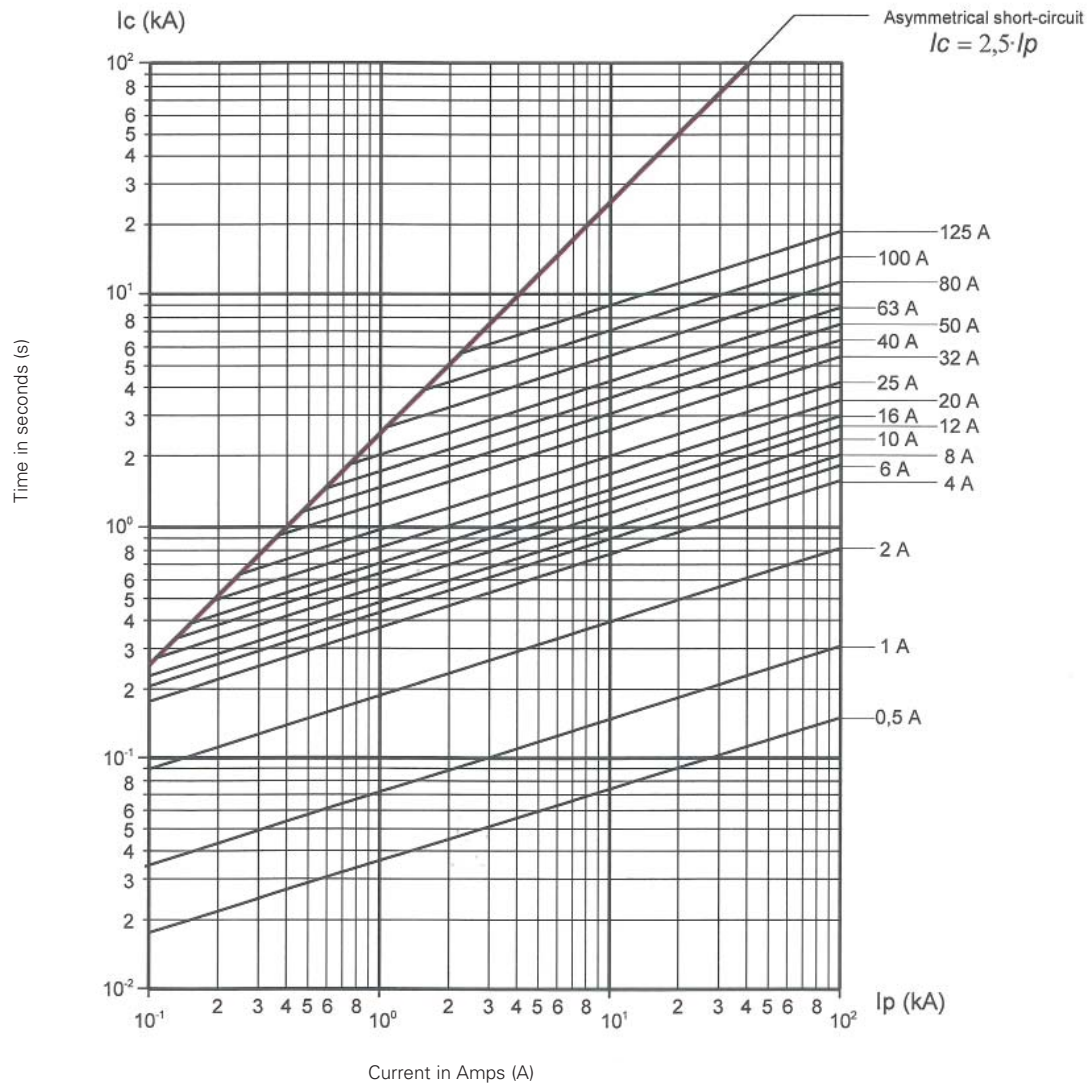
Size (mm)	Class	Current (A)	Voltage (V a.c.)	Breaking Capacity (kA)	Catalogue Numbers	Pack Quantity	Fuse Holders*
<b>22 x 58 mm Without indicator</b>							
22 x 58	gG/gL	2	690	80	C22G2	10	CH22
22 x 58	gG/gL	4	690	80	C22G4	10	CH22
22 x 58	gG/gL	6	690	80	C22G6	10	CH22
22 x 58	gG/gL	8	690	80	C22G8	10	CH22
22 x 58	gG/gL	10	690	80	C22G10	10	CH22
22 x 58	gG/gL	12	690	80	C22G12	10	CH22
22 x 58	gG/gL	16	690	80	C22G16	10	CH22
22 x 58	gG/gL	20	690	80	C22G20	10	CH22
22 x 58	gG/gL	25	690	80	C22G25	10	CH22
22 x 58	gG/gL	32	690	80	C22G32	10	CH22
22 x 58	gG/gL	40	690	80	C22G40	10	CH22
22 x 58	gG/gL	50	690	80	C22G50	10	CH22
22 x 58	gG/gL	63	690	80	C22G63	10	CH22
22 x 58	gG/gL	80	500	120	C22G80	10	CH22
22 x 58	gG/gL	100	500	120	C22G100	10	CH22
22 x 58	gG/gL	125	400	120	C22G125	10	CH22
<b>22 x 58 mm With indicator</b>							
22 x 58	gG/gL	2	690	80	C22G2I	10	CH22
22 x 58	gG/gL	4	690	80	C22G4I	10	CH22
22 x 58	gG/gL	6	690	80	C22G6I	10	CH22
22 x 58	gG/gL	8	690	80	C22G8I	10	CH22
22 x 58	gG/gL	10	690	80	C22G10I	10	CH22
22 x 58	gG/gL	12	690	80	C22G12I	10	CH22
22 x 58	gG/gL	16	690	80	C22G16I	10	CH22
22 x 58	gG/gL	20	690	80	C22G20I	10	CH22
22 x 58	gG/gL	25	690	80	C22G25I	10	CH22
22 x 58	gG/gL	32	690	80	C22G32I	10	CH22
22 x 58	gG/gL	40	690	80	C22G40I	10	CH22
22 x 58	gG/gL	50	690	80	C22G50I	10	CH22
22 x 58	gG/gL	63	690	80	C22G63I	10	CH22
22 x 58	gG/gL	80	500	120	C22G80I	10	CH22
22 x 58	gG/gL	100	500	120	C22G100I	10	CH22
22 x 58	gG/gL	125	400	120	C22G125I	10	CH22
<b>22 x 58 mm With striker</b>							
22 x 58	gG/gL	4	690	80	C22G4S	10	CH22
22 x 58	gG/gL	6	690	80	C22G6S	10	CH22
22 x 58	gG/gL	8	690	80	C22G8S	10	CH22
22 x 58	gG/gL	10	690	80	C22G10S	10	CH22
22 x 58	gG/gL	12	690	80	C22G12S	10	CH22
22 x 58	gG/gL	16	690	80	C22G16S	10	CH22
22 x 58	gG/gL	20	690	80	C22G20S	10	CH22
22 x 58	gG/gL	25	690	80	C22G25S	10	CH22
22 x 58	gG/gL	32	690	80	C22G32S	10	CH22
22 x 58	gG/gL	40	690	80	C22G40S	10	CH22
22 x 58	gG/gL	50	690	80	C22G50S	10	CH22
22 x 58	gG/gL	63	690	80	C22G63S	10	CH22
22 x 58	gG/gL	80	500	120	C22G80S	10	CH22
22 x 58	gG/gL	100	500	120	C22G100S	10	CH22
22 x 58	gG/gL	125	400	120	C22G125S	10	CH22

\* Please contact our Technical department for further information on our range of modular fuse holders: 00 44 1509 882 699 or buletechnical@eaton.com

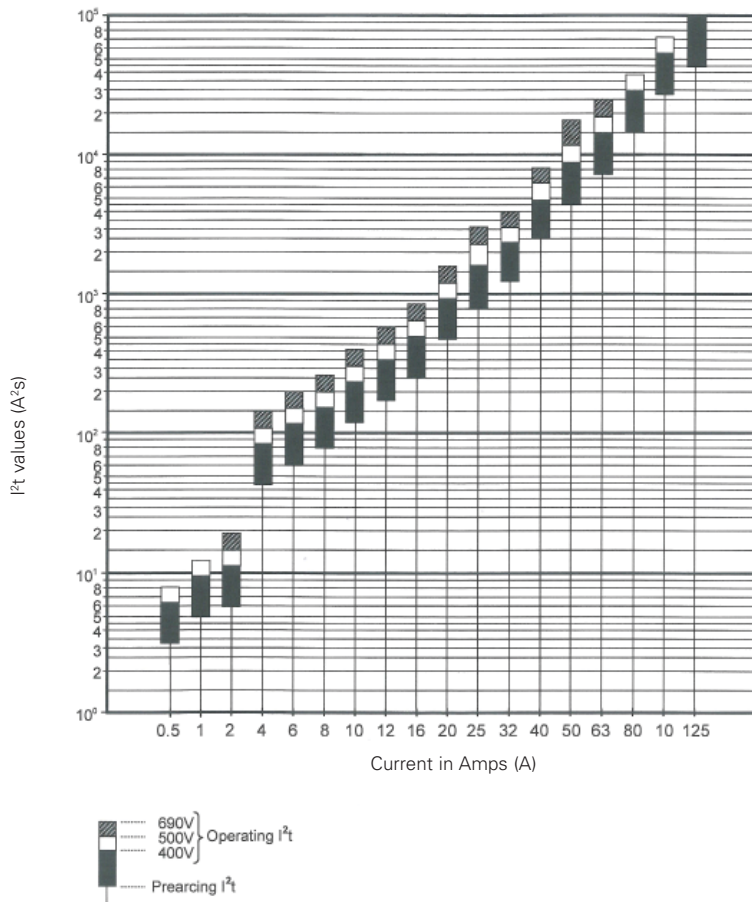
Time-current curves - Class gG/gL



Cut-off characteristics - Class gG/gL



I<sup>2</sup>t Values - Class gG/gL



Class gG/gL - Watts loss values

Amp	Size mm			
	8 x 31	10 x 38	14 x 51	22 x 58
0.5	1.2	1.43	-	-
1	2	2.77	3.9	-
2	0.5	0.6	0.9	1
4	0.8	0.7	1	1.1
6	1.1	0.85	1.15	1.3
8	1.3	0.75	1	1.1
10	1	1	1.3	1.5
12	1.2	1.3	1.7	1.8
16	1.5	1.6	2	2.1
20	2	2	2.5	2.7
25	2.6	2.6	3.3	3.3
32	-	2.9	3.5	3.5
40	-	-	4.75	4
50	-	-	4.8	5.5
63	-	-	-	6.9
80	-	-	-	7.8
100	-	-	-	9
125	-	-	-	11.4



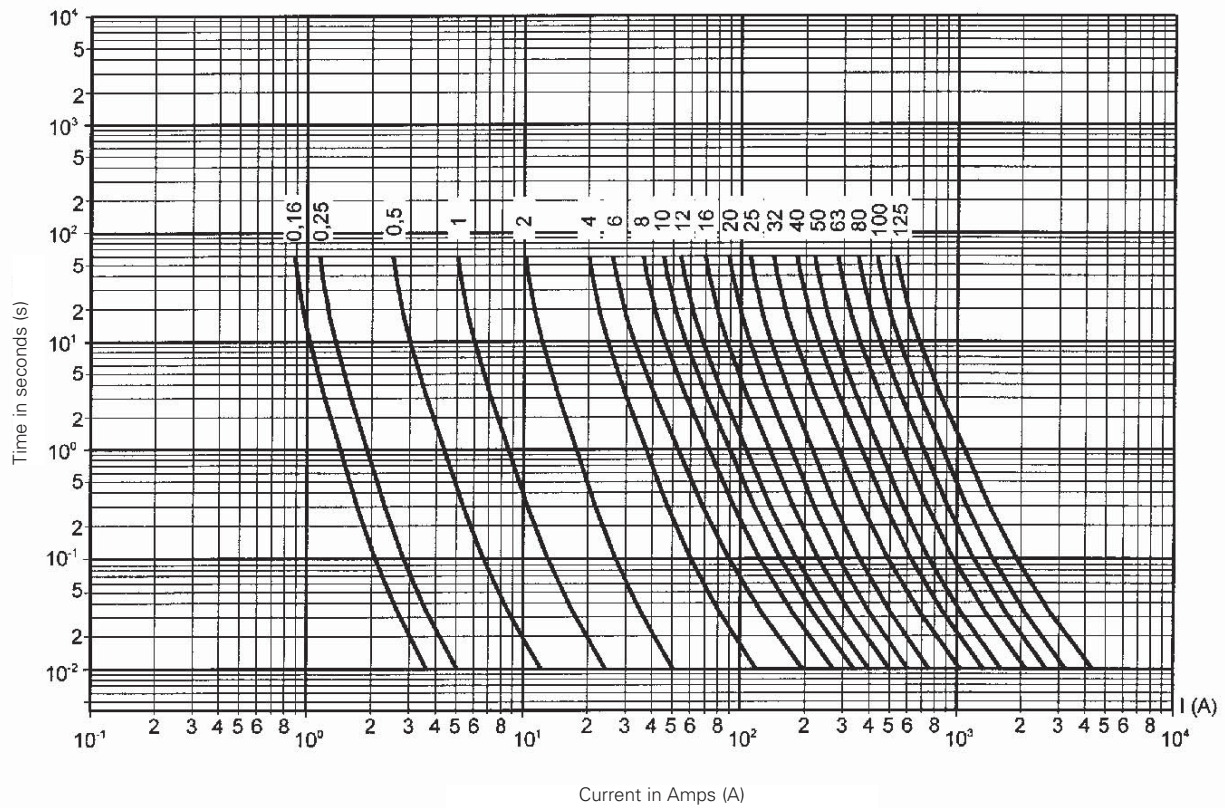


**Table 5. Catalogue Numbers aM 22 x 58 mm**

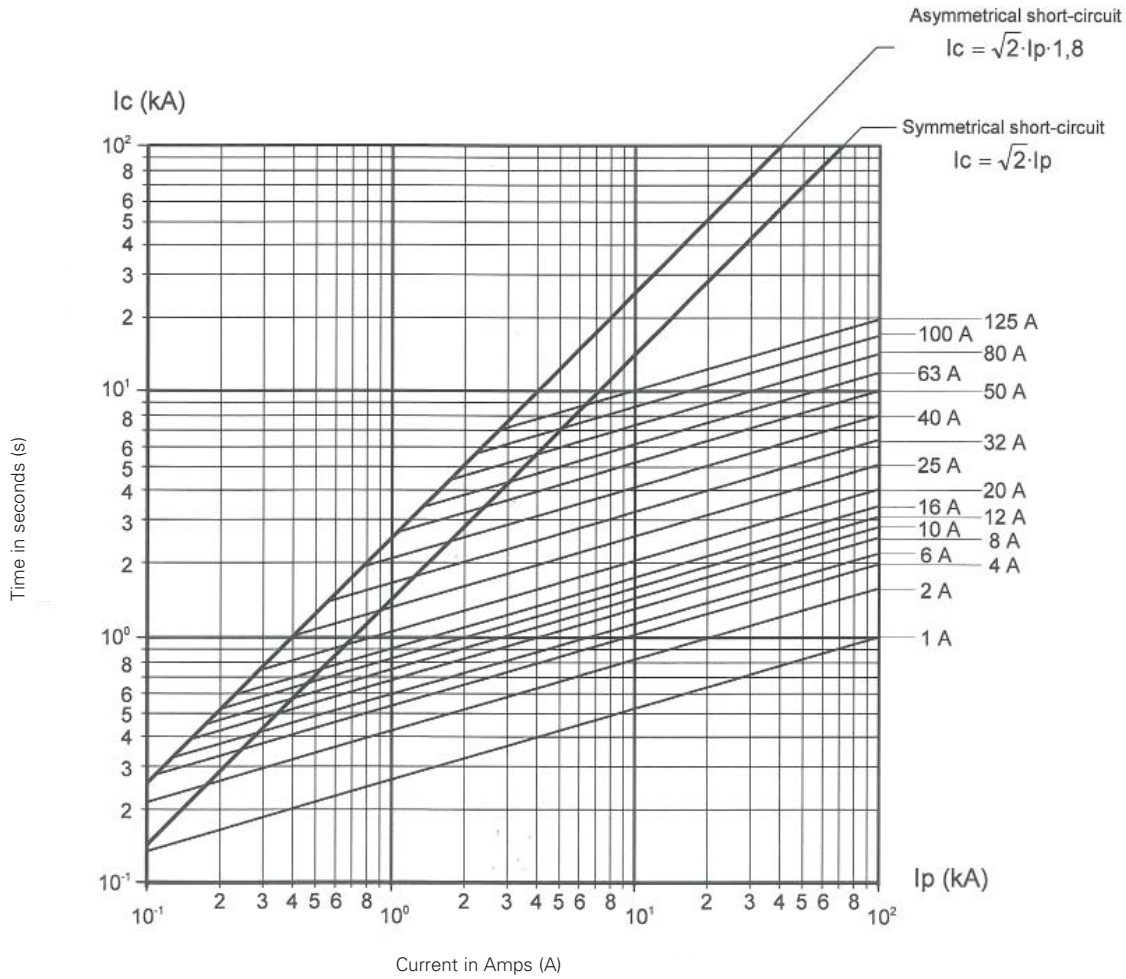
Size (mm)	Class	Current (A)	Voltage (V a.c.)	Breaking Capacity (kA)	Catalogue Numbers	Pack Quantity	Fuse Holders*
<b>22 x 58 mm Without indicator</b>							
22 x 58	aM	2	690	80	C22M2	10	CH22
22 x 58	aM	4	690	80	C22M4	10	CH22
22 x 58	aM	6	690	80	C22M6	10	CH22
22 x 58	aM	8	690	80	C22M8	10	CH22
22 x 58	aM	10	690	80	C22M10	10	CH22
22 x 58	aM	12	690	80	C22M12	10	CH22
22 x 58	aM	16	690	80	C22M16	10	CH22
22 x 58	aM	20	690	80	C22M20	10	CH22
22 x 58	aM	25	690	80	C22M25	10	CH22
22 x 58	aM	32	690	80	C22M32	10	CH22
22 x 58	aM	40	690	80	C22M40	10	CH22
22 x 58	aM	50	690	80	C22M50	10	CH22
22 x 58	aM	63	690	80	C22M63	10	CH22
22 x 58	aM	80	500	120	C22M80	10	CH22
22 x 58	aM	100	500	120	C22M100	10	CH22
22 x 58	aM	125	400	120	C22M125	10	CH22
<b>22 x 58 mm With indicator</b>							
22 x 58	aM	2	690	80	C22M2I	10	CH22
22 x 58	aM	4	690	80	C22M4I	10	CH22
22 x 58	aM	6	690	80	C22M6I	10	CH22
22 x 58	aM	8	690	80	C22M8I	10	CH22
22 x 58	aM	10	690	80	C22M10I	10	CH22
22 x 58	aM	12	690	80	C22M12I	10	CH22
22 x 58	aM	16	690	80	C22M16I	10	CH22
22 x 58	aM	20	690	80	C22M20I	10	CH22
22 x 58	aM	25	690	80	C22M25I	10	CH22
22 x 58	aM	32	690	80	C22M32I	10	CH22
22 x 58	aM	40	690	80	C22M40I	10	CH22
22 x 58	aM	50	690	80	C22M50I	10	CH22
22 x 58	aM	63	690	80	C22M63I	10	CH22
22 x 58	aM	80	500	120	C22M80I	10	CH22
22 x 58	aM	100	500	120	C22M100I	10	CH22
22 x 58	aM	125	400	120	C22M125I	10	CH22
<b>22 x 58 mm With striker</b>							
22 x 58	aM	12	690	80	C22M12S	10	CH22
22 x 58	aM	16	690	80	C22M16S	10	CH22
22 x 58	aM	20	690	80	C22M20S	10	CH22
22 x 58	aM	25	690	80	C22M25S	10	CH22
22 x 58	aM	32	690	80	C22M32S	10	CH22
22 x 58	aM	40	690	80	C22M40S	10	CH22
22 x 58	aM	50	690	80	C22M50S	10	CH22
22 x 58	aM	63	690	80	C22M63S	10	CH22
22 x 58	aM	80	500	120	C22M80S	10	CH22
22 x 58	aM	100	500	120	C22M100S	10	CH22
22 x 58	aM	125	400	120	C22M125S	10	CH22

\* Please contact our Technical department for further information on our range of modular fuse holders: 00 44 1509 882 699 or [buletechnical@eaton.com](mailto:buletechnical@eaton.com)

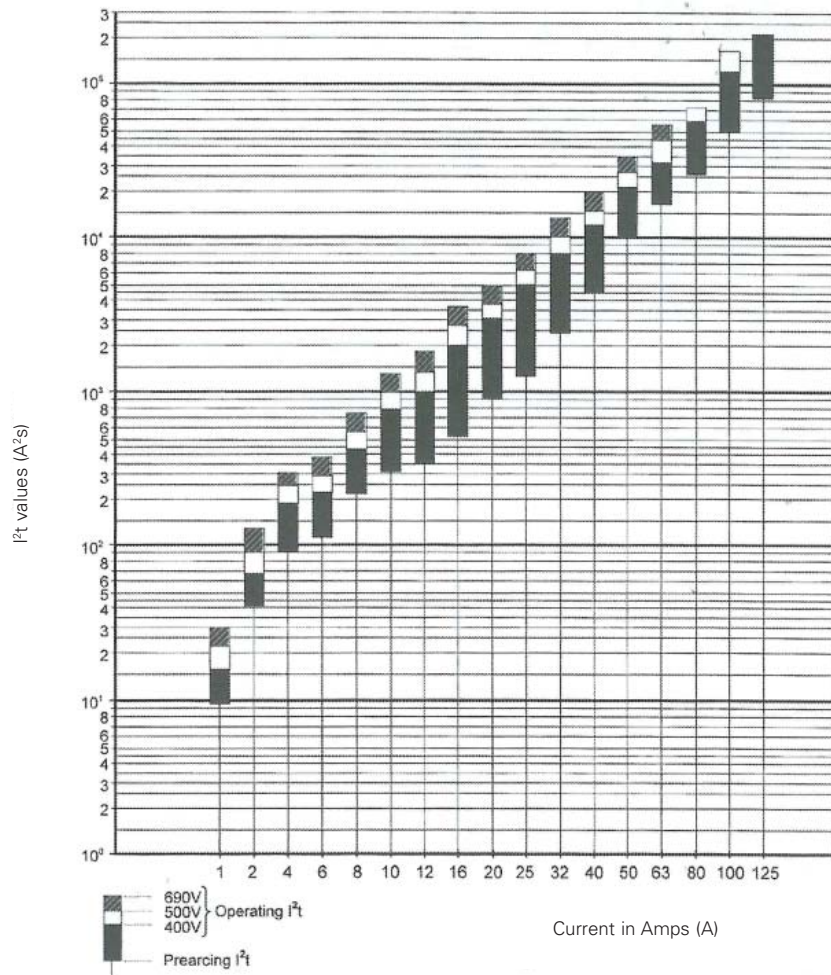
Time-current curves - Class aM



Cut-off characteristics - Class aM



I<sup>2</sup>t Values - Class aM



Class aM - Watts loss values

Amp	Size mm			
	8 x 31	10 x 38	14 x 51	22 x 58
0.25	-	0.35	0.41	-
0.5	-	0.49	0.69	-
1	0.1	0.10	0.14	-
2	0.16	0.18	0.24	0.29
4	0.25	0.31	0.45	0.48
6	0.35	0.32	0.42	0.47
8	0.4	0.52	0.70	0.73
10	0.65	0.55	0.53	0.74
12	-	0.63	0.88	0.83
16	-	0.92	1.16	1.21
20	-	0.96	1.23	1.29
25	-	1.40	1.46	1.53
32	-	-	2.04	2.13
40	-	-	2.60	3.40
50	-	-	2.90	3.48
63	-	-	-	4.46
80	-	-	-	5.86
100	-	-	-	6.61
125	-	-	-	8.42

Changes to the products, to the information contained in this document, and to prices are reserved; so are errors and omissions. Only order confirmations and technical documentation by Eaton is binding. Photos and pictures also do not warrant a specific layout or functionality. Their use in whatever form is subject to prior approval by Eaton. The same applies to Trademarks (especially Eaton, Moeller, and Cutler-Hammer). The Terms and Conditions of Eaton apply, as referenced on Eaton Internet pages and Eaton order confirmations.

**Eaton Industries Manufacturing GmbH**  
Electrical Sector EMEA  
Route de la Longeraie  
71110 Morges, Switzerland  
Eaton.eu

© 2014 Eaton  
All Rights Reserved  
Publication No. 720115  
September 2014