

GROUP TALENTS LIMITED

PRODUCT SPECIFICATION

BS1362 LEAD FREE FUSES

SEM11 series



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GENERAL DESCRIPTION

Product Description:

General purpose cartridge fuse-links of current ratings not exceeding 13A for domestic and similar purpose (primarily for use in plugs complying with the requirements of BS1363) on declared supply voltages not exceeding 240V at a nominal frequency of 50Hz or 60Hz.

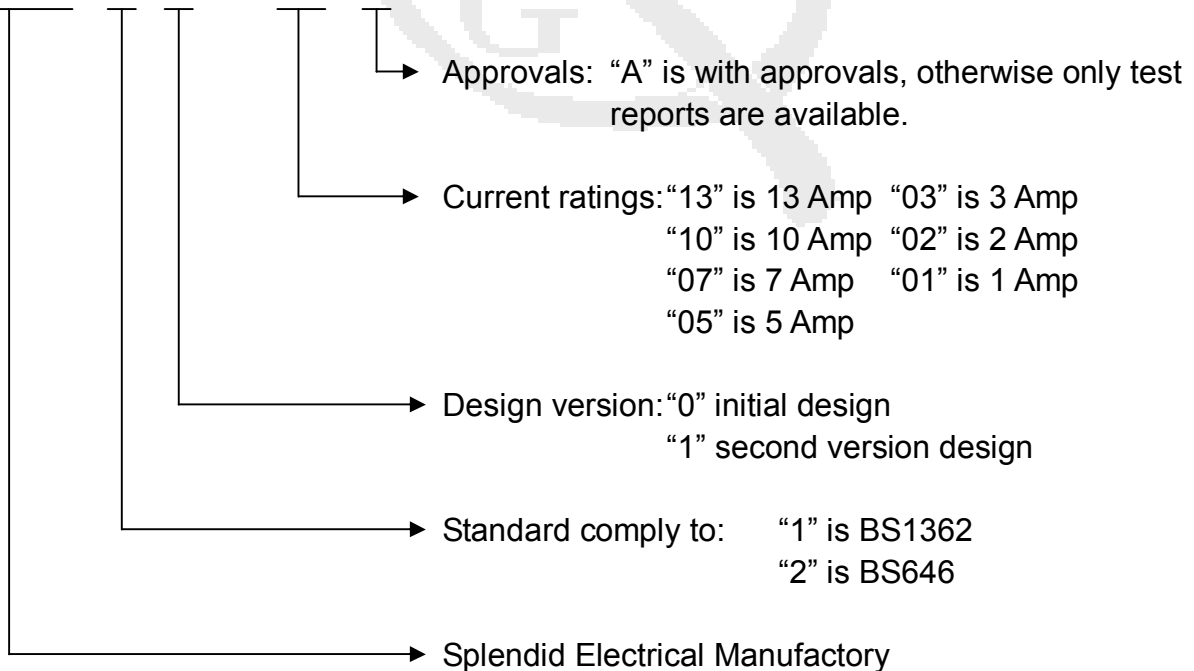
Model Numbers:

This series of fuse-links contains the following types. They are;

1. SEM11-13A
2. SEM11-10A
3. SEM11-07A
4. SEM11-05A
5. SEM11-03A
6. SEM11-02A
7. SEM11-01A

The model numbers of the products are constructed as followings:

SEM 1 1 – 13 A



Dimensions: Ø6.3mm X 25.4mm

Construction:

Electroplated end caps substantially co-axial with a ceramic barrel. Sand filling is required inside of the body. The end caps will be either flat top or concave.

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Current ratings: 1A, 2A, 3A, 5A, 7A, 10A and 13A

Voltage Rating: 240Va.c.

Frequency: 45Hz to 62Hz

Breaking Capacity Rating: 6,000A / 240V

Power Loss Rating: The rated power loss shall not exceed one watt when carrying rated current.

Color: The fuse barrel shall be marked in red for 3A and brown for 13A. All other ratings, such as 1A, 2A, 5A, 7A and 10A, shall be in black.

Electrical Characteristic:

Fuse-link must not operate when within 30 minutes at 160% of rated current.

Fuse-link must operate when within 30 minutes at 190% of rated current.

Standard: Comply with BS1362:1973 standard including amendment 1 and 2.

Approval Certificate

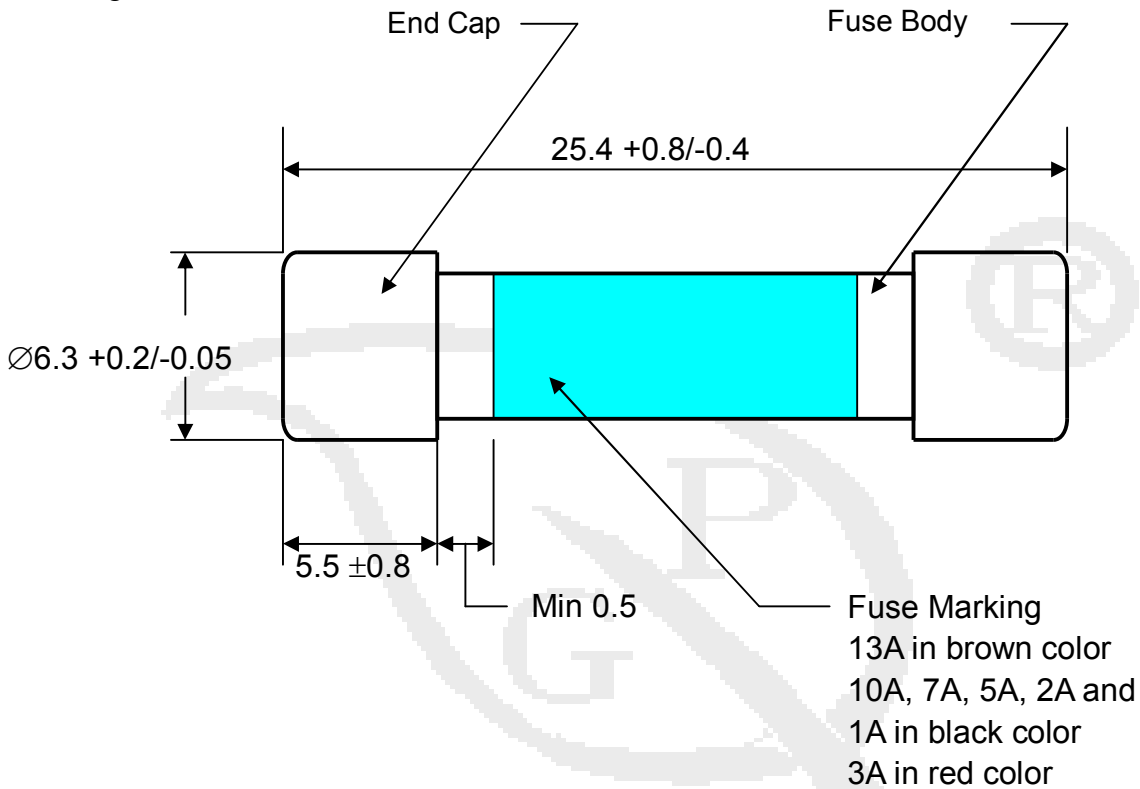
For our BS1362 fuses (SEM11 series), it contains the certificates as below. Please read below and find the related certificates on page 8 to 17.

	BSI	ASTA	CCC	NEMKO	HKSI	PSE (COC)
SEM11-01A	✗	✓	✓	✓	✗	✗
SEM11-02A	✓	✓	✓	✓	✗	✗
SEM11-03A	✓	✓	✓	✓	✓	✓
SEM11-05A	✓	✓	✓	✓	✓	✓
SEM11-07A	✓	✓	✓	✓	✗	✗
SEM11-10A	✓	✓	✓	✓	✓	✓
SEM11-13A	✓	✓	✓	✓	✓	✓

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PRODUCT DIMENSIONS

Unit in mm.
Drawing not in scale.



Material List

No	Part Name	Quantity	Material	Remark
1	End Caps	2	Copper with silver plating	The end caps will be either flat top or concave.
2	Washers	2	Brass	N/A
3	Fuse Body	1	Ceramic	N/A
4	Fuse Wire	1	Copper alloy wire	N/A
5	Filling	1	Quartz sand	N/A

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MARKING

All the markings are printed on the fuse body. The markings include the followings:

1. Ampere Rating
2. Manufacturer Trademark
3. Approval
4. British Standard
5. "Lead free"
6. Series of fuse: " SEM11"

Remarks:

All contents of the Product Specification are subject to change without prior notice.