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British Standard IEC Fuses for Use in Oil Filled Distribution Switchgear

OEFMA

Specifications

Description: BS 2692-1 medium voltage fuses for use on the primary circuit of three-phase 50Hz transformers in oil field switchgear. Fitted with powerful pyrotechnic striker pin.

Ratings:

Volts: — 3.6-24kV

Amps: — 6.3-200A

IR: — 25-50kA (See Catalog Number table below)

Agency Information: Fuses comply with IEC 60282-1, BS2692-1 and ESI Standard 12-8. 7.2 and 12kV fuses tested at highest system voltage and approved by the UK Electricity Association approvals panel.

Features and Benefits

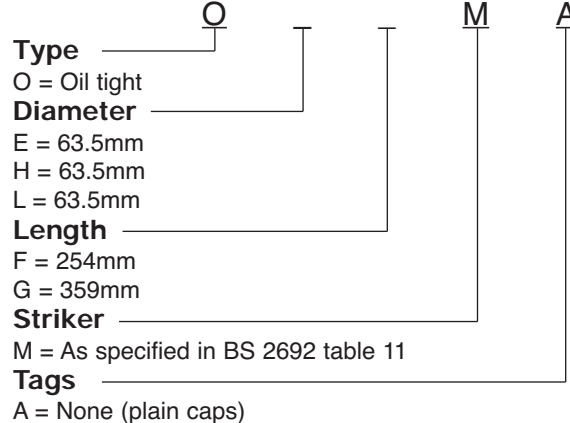
- Physically sized for replacement of British Standard fuse links

Typical Applications

- Medium Voltage BS Designed Equipment

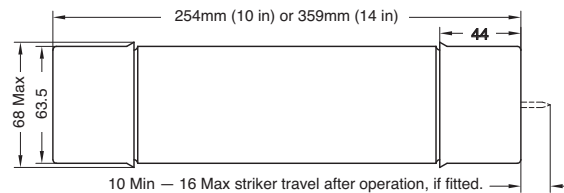


Code Number Reference



Dimensions:

Current-limiting fuse for use in oil switchgear
 Fuse types: OEF, OEG, OHF, OHG, OLG



Catalog Numbers

Transformer kVA	Catalog Numbers/Transformer Primary Voltage			
	3.3kV	6.6kV	11kV/ESI 12-8 Ref.	13.8kV
200	3.6OEFMA63	12OEFMA31.5	12OEFMA25/01	15.5OEFMA16
250	3.6OEFMA80	12OEFMA40	12OEFMA25/—	15.5OEFMA20
300/315	3.6OEFMA100	12OEFMA50	12OEFMA31.5/02	15.5OEFMA25
400	3.6OEFMA125	12OEFMA63	12OEFMA40/—	15.5OEFMA31.5
500	3.6OEFMA160	12OHFMA71	12OEFMA50/03	15.5OEFMA40
630	3.6OEFMA200	7.2OEFMA100	12OEFMA63/—	15.5OEFMA50
750/800	3.6OLGMA250	7.2OHGMA125	12OHFMA80/04	15.5OEFMA63
1000	3.6OLGMA250*	7.2OHGMA140	12OHGMA90**/05	15.5OHGMA71
1250	—	7.2OHGMA160*	12OHGMA100/—	15.5OHGMA90
1600	—	—	12OLGMA125*/—	15.5OLGMA100*

This Catalog Number selection table is based upon the following criteria:

1. Withstand against magnetizing inrush current taken as 12 times full-load current for 0.1 second.
2. Withstand against 150% permissible overload current. Recommendations marked with asterisks have the following significance:-
 *Limited to permissible overloads of 130%.
 **Permits use of a 12kV OHFMA 80A fuse with a 100kVA transformer where permissible overload does not exceed 130%.
3. For 6.6kV systems, 12kV fuses are recommended where possible in the interests of standardization.
4. Wherever possible, 10 inch long FO1 fuses are offered rather than equivalent 14 inch FO2 types.
5. The above recommendations are not generally applicable to transformers feeding motor circuits with starting currents in excess of the transformer full load current. In this event, please consult Cooper Bussmann.

Catalog Numbers

Basic Cat. Number	Voltage	Dimensional Ref. BS 2692	Amp Ratings	Breaking Capacity (kA)
3.6OEFMA	3.6kV	FO1	6.3, 10, 16, 20, 25, 31.5, 40, 50, 63, 80, 100, 125, 160, 200	50
3.6OEGMA	3.6kV	FO2	100, 125, 160, 200	50
3.6OLGMA	3.6kV	FO2	250	50
7.2OEFMA	7.2kV	FO1	80, 100, 112	45
7.2OHGMA	7.2kV	FO2	125, 140, 160	45
12OEFMA	12.0kV	FO1	6.3, 10, 16, 20, 25, 31.5, 40, 50, 63	40
12OHFMA	12.0kV	FO1	71, 80	40
12OHGMA	12.0kV	FO2	6.3, 10, 16, 20, 25, 31.5, 40, 50, 63, 71, 80, 90, 100	40
12OLGMA	12.0kV	FO2	125	40
15.5OEFMA	15.5kV	FO1	6.3, 10, 16, 20, 25, 31.5, 40, 50, 63	40
15.5OHGMA	15.5kV	FO2	71, 80, 90	40
15.5OLGMA	15.5kV	FO2	100	40
17.5OHGMA	17.5kV	FO2	6.3, 10, 16, 20, 25, 31.5, 40, 50, 63, 80	35
24OEGMA	24.0kV	FO2	6.3, 10, 16, 20, 25, 31.5, 40, 50	25

Catalog Number Build-A-Code
 kV Basic Catalog Number Amps

Contact Cooper Bussmann for complete specifications on medium voltage fuses.