



SWITCHGEARS

160A POLE MOUNTED FUSE SWITCH DISCONNECTOR

The basic function of 160A Pole Mounted Fuse Switch Disconnecter is to protect and disconnect a network during faults and is specially designed for on-load switching. The switch offers a reliable medium for disconnection and protection of fully insulated open wire network.

The fuse switch is versatile and ideally suited for mounting directly to poles, transformers and cross arms.

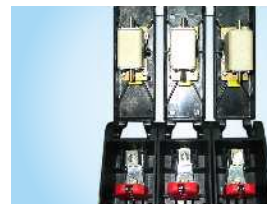
Features

- ▶ Designed for full load switching with Fuse links or disconnecting blades upto a rated current.
- ▶ Integral mounting facility and unique modular design allowing one, two, three or more switches to be installed together to meet SP, TP or TPN system requirements.
- ▶ Fully insulated made from corrosion proof, impact resistant, weather and UV resilient glass fibre reinforced polyamide compound with high glass content suitable for consistent performance under adverse climatic conditions.
- ▶ The upper housing of the switch is hinged to the lower body and can be withdrawn by the insulated operating rod thereby enables, changing of fuses from ground level.
- ▶ Flexibility of linking a series of flaps for simultaneous operation.
- ▶ The contacts, made up of ETP grade copper - duly plated are rigidly mounted in the housing independent of the terminal bolts. Single incoming and Double outgoing termination is provided in standard version.
- ▶ Electrical & Mechanical fuse indicators are provided to show status of blown fuse.
- ▶ Mounting clamp & Coach screw provided along with for easy mounting.

Miniature Version ADPM-1/160A(M)

A miniature version is also available with all listed features and neon indicator to indicate status of blown fuse. The design is relatively smaller, light weight but robust to meet adverse climatic conditions as per pollution level 3 & technical characteristics of IEC-60947 - 1 & 3.

A choice of termination is available to meet any requirement.



Tested Power...Trusted Solution

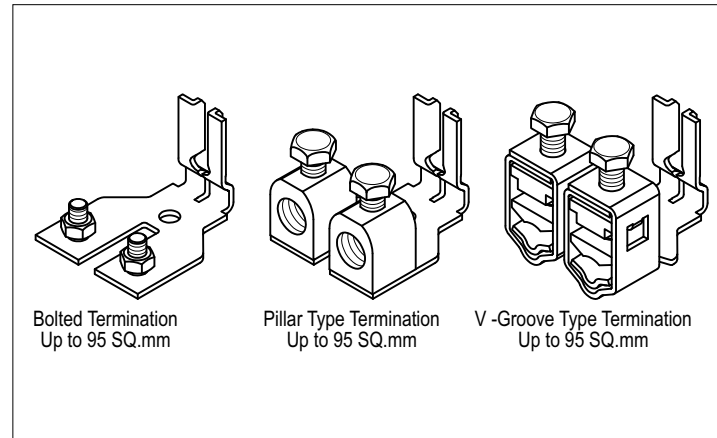
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Terminations Available

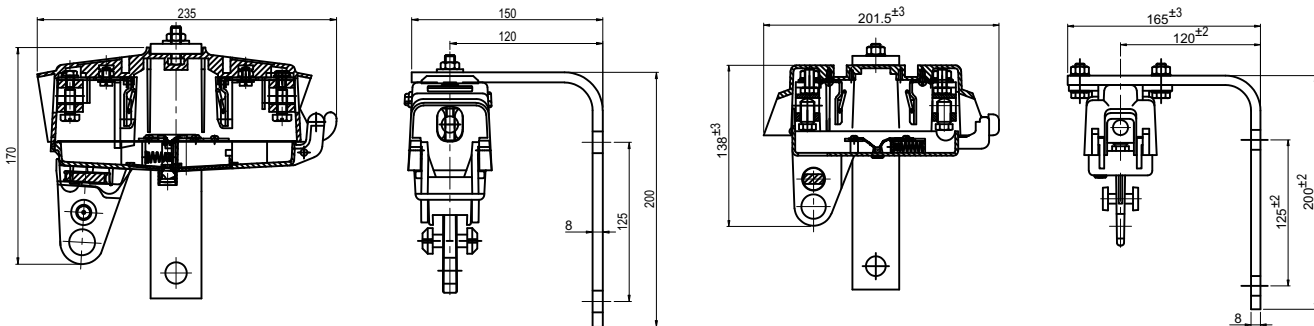
Based on the requirement of the customer, we can supply Fuse switch disconnecter with either Bolted, Pillar or V Groove Termination.

Type Testing

The fuse switch has been extensively type tested at CPRI - a laboratory of International repute as per IEC 60947 part 1 & 3:



Dimensions



Technical Details

CATALOGUE REFERENCE		ADPM - 1/160A
BODY MATERIAL		Polyamide
RATED OPERATIONAL CURRENT	I_n	160 Amps
RATED OPERATIONAL VOLTAGE	U_e	660 Volts, 50 Hz
RATED INSULATION VOLTAGE	U_i	1000 Volts
RATED SHORT TIME CURRENT	I_{cw}	10 kA rms for 0.5 s with 17 kA
CABLE SIZE		upto 95 sq. mm.
FUSE LINKS		NH Type Size 0
DIMENSIONS		235 X 160 X 70 mm (Approx.) Single Pole
WEIGHT (S.P. Unit)		720 grams Approx. - Not Binding (Without Fuses & Clamp)

Note : The company follows a policy of continuous development and improvement of its products and hence products supplied may differ from those described & illustrated in this catalogue.



ASIATIC ELECTRICAL & SWITCHGEAR P. LTD.

(FORMERLY ASIATIC ELECTRONIC INDUSTRIES)

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