

# ABS Adjustable Busbar Support Insulator Module



## CERTIFICATIONS



## FEATURES

Modules provide flexibility to select distance between phases and supports

Extremely robust construction

Halogen free insulators

RoHS compliant

## SPECIFICATIONS

|                                       |                                                                        |
|---------------------------------------|------------------------------------------------------------------------|
| <b>Max Working Voltage, IEC (Ui):</b> | 1000;1500                                                              |
| <b>Finish:</b>                        | Electrogalvanized                                                      |
| <b>Material:</b>                      | Steel;Glass Fibre Reinforced Polyamide;Stainless Steel 304 (EN 1.4301) |
| <b>Complies With:</b>                 | IEC® 60439.1;IEC® 61439.1;IEC® 60695-2-11 (Glow Wire Test 960 °C)      |
| <b>Flammability Rating:</b>           | UL® 94V-0                                                              |
| <b>Working Temperature:</b>           | -40 to 130 °C                                                          |

Table 1/2

| Catalog Number | Article Number | Typical Application Current Rating | Busbars per Phase | Busbar Thickness | Busbar Width | Width (W) |
|----------------|----------------|------------------------------------|-------------------|------------------|--------------|-----------|
| ABS1-5MOD      | 560860         | 1700 A Max                         | 1                 | 5 mm             | 50 - 125 mm  | 74 mm     |
| ABS4-5MOD      | 560870         | 3500 A Max                         | 1 - 4             | 5 mm             | 50 - 125 mm  | 99 mm     |
| ABS1-10MOD     | 560880         | 2250 A Max                         | 1                 | 10 mm            | 50 - 125 mm  | 74 mm     |
| ABS2-10MOD     | 560890         | 3600 A Max                         | 1 - 2             | 10 mm            | 50 - 125 mm  | 99 mm     |
| ABS3-10MOD     | 560900         | 4500 A Max                         | 1 - 3             | 10 mm            | 50 - 125 mm  | 124 mm    |

Table 2/2

| Catalog Number | Article Number | Depth (D) | Unit Weight |
|----------------|----------------|-----------|-------------|
| ABS1-5MOD      | 560860         | 67mm      | 0.64 kg     |
| ABS4-5MOD      | 560870         | 67mm      | 0.73 kg     |
| ABS1-10MOD     | 560880         | 67mm      | 0.64 kg     |
| ABS2-10MOD     | 560890         | 67mm      | 0.73 kg     |
| ABS3-10MOD     | 560900         | 67mm      | 0.81 kg     |

## ADDITIONAL PRODUCT DETAILS

ABS Adjustable Busbar Support High Ampacity Kit available to support up to 200 mm (7.87") busbar width for applications up to 7400 A.

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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