

The Comprehensive Choice

Termate's Aquila family of standoff insulators offers fit, form and function all with the same aesthetic. One style, three footprints, heights from 1" to 4".

- UL Recognised  us
- High arc resistance
- High quality UNC brass inserts
- Self extinguishing: UL94-V0
- Halogen free



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TERMATE



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Termate have manufactured high performance components since 1956, supplying a global customer base from our U.K. headquarters.

For over 60 years we have independently tested our products to ensure that they meet and exceed the demands of international standards including IEC 61439. We work with leading test houses and certification bodies including KATF, ASTA and Dekra.

Our new products offer superb performance and longevity, incorporating materials manufactured to our specification. We listen to our customers requirements and respond, which has led to the introduction of versatile products. These can be used in more applications reducing the total costs to our partners.

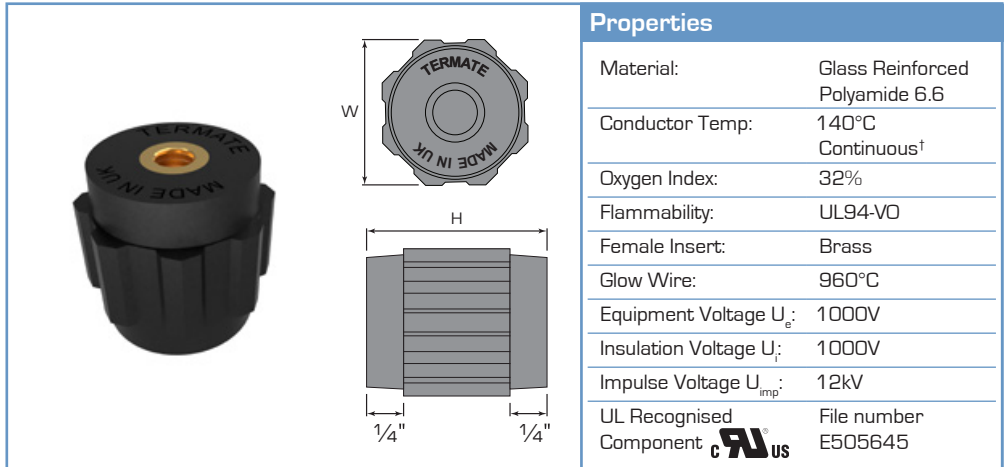
We are well known by our customers for the detailed application engineering and the first class customer service we offer.

This leaflet displays our range of Aquila Stand-offs, part of our LV Power Products Range which comprises various types of Busbar Supports, Busplugs, Through Wall Bushings, and Components for Withdrawable Systems. These products are all manufactured with the latest equipment at our facility in Nottingham, UK.

We hope that our Aquila Stand-Offs are of interest. If you would like to receive a quote, application help or learn more about any of our products or services, we would be delighted to hear from you.

You can find out more information by visiting our website at www.termate.com, alternatively you can email our sales team at sales@termate.com or call **+44 [0]115 978 4652**.

AU2 Standoff Insulators



Properties

| | |
|-----------------------------|--------------------------------|
| Material: | Glass Reinforced Polyamide 6.6 |
| Conductor Temp: | 140°C Continuous [†] |
| Oxygen Index: | 32% |
| Flammability: | UL94-VO |
| Female Insert: | Brass |
| Glow Wire: | 960°C |
| Equipment Voltage U_e : | 1000V |
| Insulation Voltage U_i : | 1000V |
| Impulse Voltage U_{imp} : | 12kV |
| UL Recognised Component | File number E505645 |

[†] In line with the limits set out in IEC 61439, insulating components in contact with conductors may be required to continuously operate at an average of 140°C (Max 145°C). This range of products meets the requirement, the material for them being assigned thermal class F established using methods similar to IEC 60085.

Termate is committed to the highest standard of Customer Focus and we have made every effort to maintain the accuracy and completeness of the information provided in this catalogue. Where improvements to our products affect their installation and usage we endeavour to contact any Customers who may be affected.

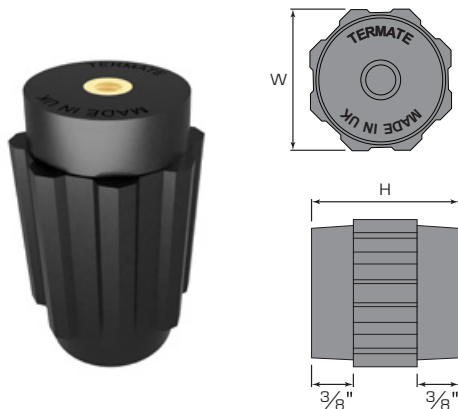
If you need to rely on our technical data or dimensions in your application, please contact us for further confirmation or detailed dimensional drawings/3D models.

Warranty as stated in Encompass Group Terms and Conditions of Trading is void if any modification is made to the warranted product.

| Reference Data | | | | Part Number |
|----------------|-------------|---------------------------|-----------------|-------------|
| Height [H] in | Thread Size | Width Across Flats [W] in | Thread Depth in | |
| 1" | UNC 1/4" | 1" | 5/16" | AU2-025-014 |
| 1-3/16" | UNC 1/4" | 1" | 5/16" | AU2-030-014 |
| 1-3/16" | UNC 5/16" | 1" | 3/8" | AU2-030-516 |
| 1-3/8" | UNC 1/4" | 1" | 5/16" | AU2-035-014 |
| 1-3/8" | UNC 5/16" | 1" | 3/8" | AU2-035-516 |
| 1-9/16" | UNC 1/4" | 1" | 5/16" | AU2-040-014 |
| 1-9/16" | UNC 5/16" | 1" | 3/8" | AU2-040-516 |
| 2" | UNC 1/4" | 1" | 5/16" | AU2-050-014 |
| 2" | UNC 5/16" | 1" | 3/8" | AU2-050-516 |
| 2-3/8" | UNC 1/4" | 1" | 5/16" | AU2-060-014 |
| 2-3/8" | UNC 5/16" | 1" | 3/8" | AU2-060-516 |
| 3-1/8" | UNC 1/4" | 1" | 5/16" | AU2-080-014 |
| 3-1/8" | UNC 5/16" | 1" | 3/8" | AU2-080-516 |
| 4" | UNC 1/4" | 1" | 5/16" | AU2-100-014 |
| 4" | UNC 5/16" | 1" | 3/8" | AU2-100-516 |

* Fixing details: Hole diameter = stand off thread size + 1/16"

AU4 Standoff Insulators



Properties

| | |
|-----------------------------|--------------------------------|
| Material: | Glass Reinforced Polyamide 6.6 |
| Conductor Temp: | 140°C Continuous† |
| Oxygen Index: | 32% |
| Flammability: | UL94-VO |
| Female Insert: | Brass |
| Glow Wire: | 960°C |
| Equipment Voltage U_e : | 1000V |
| Insulation Voltage U_i : | 1000V |
| Impulse Voltage U_{imp} : | 12kV |
| UL Recognised Component | File number E505645 |

† In line with the limits set out in IEC 61439, insulating components in contact with conductors may be required to continuously operate at an average of 140°C (Max 145°C). This range of products meets the requirement, the material for them being assigned thermal class F established using methods similar to IEC 60085.

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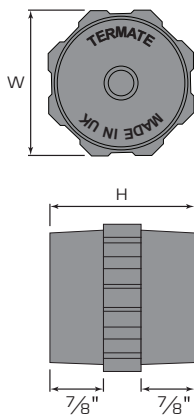
Warranty as stated in Encompass Group Terms and Conditions of Trading is void if any modification is made to the warranted product.

Reference Data

| Height [H] in | Thread Size | Width Across Flats [W] in | Thread Depth in | Part Number |
|---------------|-------------|---------------------------|-----------------|-------------|
| 1-3/16" | UNC 1/4" | 1-3/8" | 5/16" | AU4-030-014 |
| 1-3/16" | UNC 5/16" | 1-3/8" | 3/8" | AU4-030-516 |
| 1-3/8" | UNC 1/4" | 1-3/8" | 5/16" | AU4-035-014 |
| 1-3/8" | UNC 5/16" | 1-3/8" | 3/8" | AU4-035-516 |
| 1-3/8" | UNC 3/8" | 1-3/8" | 3/8" | AU4-035-038 |
| 1-9/16" | UNC 1/4" | 1-3/8" | 5/16" | AU4-040-014 |
| 1-9/16" | UNC 5/16" | 1-3/8" | 3/8" | AU4-040-516 |
| 1-9/16" | UNC 3/8" | 1-3/8" | 3/8" | AU4-040-038 |
| 1-3/4" | UNC 1/4" | 1-3/8" | 5/16" | AU4-045-014 |
| 1-3/4" | UNC 5/16" | 1-3/8" | 3/8" | AU4-045-516 |
| 1-3/4" | UNC 3/8" | 1-3/8" | 5/8" | AU4-045-038 |
| 2" | UNC 1/4" | 1-3/8" | 5/16" | AU4-050-014 |
| 2" | UNC 5/16" | 1-3/8" | 3/8" | AU4-050-516 |
| 2" | UNC 3/8" | 1-3/8" | 5/8" | AU4-050-038 |
| 2" | UNC 1/2" | 1-3/8" | 5/8" | AU4-050-012 |
| 2-3/8" | UNC 1/4" | 1-3/8" | 5/16" | AU4-060-014 |
| 2-3/8" | UNC 5/16" | 1-3/8" | 3/8" | AU4-060-516 |
| 2-3/8" | UNC 3/8" | 1-3/8" | 5/8" | AU4-060-038 |
| 2-3/8" | UNC 1/2" | 1-3/8" | 5/8" | AU4-060-012 |

* Fixing details: Hole diameter = stand off thread size + 1/16"

AU6 Standoff Insulators



Properties

| | |
|-----------------------------|--------------------------------|
| Material: | Glass Reinforced Polyamide 6.6 |
| Conductor Temp: | 140°C Continuous† |
| Oxygen Index: | 32% |
| Flammability: | UL94-VO |
| Female Insert: | Brass |
| Glow Wire: | 960°C |
| Equipment Voltage U_e : | 1000V |
| Insulation Voltage U_i : | 1000V |
| Impulse Voltage U_{imp} : | 12kV |
| UL Recognised Component | File number E505645 |

† In line with the limits set out in IEC 61439, insulating components in contact with conductors may be required to continuously operate at an average of 140°C (Max 145°C). This range of products meets the requirement, the material for them being assigned thermal class F established using methods similar to IEC 60085.

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Reference Data

| Height [H] in | Thread Size | Width Across Flats [W] in | Thread Depth in | Part Number |
|---------------|-------------|---------------------------|-----------------|-------------|
| 2-3/8" | UNC 5/16" | 2-3/8" | 3/8" | AU6-060-516 |
| 2-3/8" | UNC 3/8" | 2-3/8" | 5/8" | AU6-060-038 |
| 2-3/8" | UNC 1/2" | 2-3/8" | 5/8" | AU6-060-012 |
| 2-3/8" | UNC 5/8" | 2-3/8" | 7/8" | AU6-060-058 |
| 2-3/4" | UNC 5/16" | 2-3/8" | 3/8" | AU6-070-516 |
| 2-3/4" | UNC 3/8" | 2-3/8" | 5/8" | AU6-070-038 |
| 2-3/4" | UNC 1/2" | 2-3/8" | 5/8" | AU6-070-012 |
| 2-3/4" | UNC 5/8" | 2-3/8" | 7/8" | AU6-070-058 |
| 4" | UNC 5/16" | 2-3/8" | 3/8" | AU6-100-516 |
| 4" | UNC 3/8" | 2-3/8" | 5/8" | AU6-100-038 |
| 4" | UNC 1/2" | 2-3/8" | 5/8" | AU6-100-012 |
| 4" | UNC 5/8" | 2-3/8" | 7/8" | AU6-100-058 |

* Fixing details: Hole diameter = stand off thread size + 1/16"



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