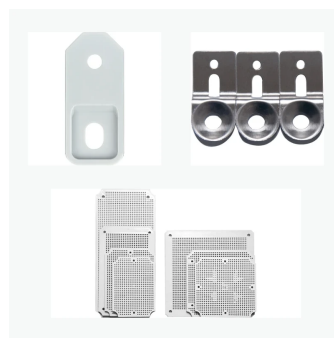


BRIGHTTU ELECTRICAL SOLUTIONS

Electrical Protection Solutions

Waterproof electrical components for industrial and outdoor applications.



Product Catalog 2026

Selection reference - final specifications confirmed before quotation

Five product families

Plus project-based matching and customization support.



01

AG Waterproof Enclosures

Plain-wall empty enclosures for project-specific preparation.



02

RT Waterproof Junction Boxes

Empty junction boxes with molded circular knockout entries.



03

CG Nylon Cable Glands

Metric M-series cable entry components for cable retention and sealing.



04

DB Distribution Enclosures

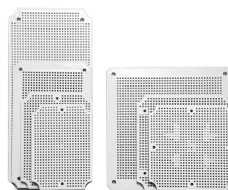
Hinged empty enclosures with transparent or solid cover options.



05

BA Box Accessories

Mounting and internal-layout accessories matched by compatibility.



06

Custom Solutions

Hole drilling, marking, packaging, kits and project support.

AG Waterproof Enclosures

Representative exterior formats

AG enclosures use a plain-wall empty-box format. Internal mounting bosses support component installation, while the unperforated walls leave cable-entry positions available for project-specific drilling.

SELECTION POINTS

- Plain-wall body for custom drilling
- Screw-fastened solid cover
- Internal mounting bosses
- More than 30 exterior size formats available for review

TYPICAL APPLICATIONS

- Control and sensor equipment
- Communication electronics
- Outdoor electrical installation



Reference format	External size L x W x H
50 x 65 x 55	50 x 65 x 55 mm
95 x 65 x 55	95 x 65 x 55 mm
110 x 80 x 70	110 x 80 x 70 mm
125 x 125 x 75	125 x 125 x 75 mm
170 x 140 x 95	170 x 140 x 95 mm
200 x 150 x 100	200 x 150 x 100 mm
250 x 150 x 100	250 x 150 x 100 mm
280 x 190 x 130	280 x 190 x 130 mm
340 x 280 x 180	340 x 280 x 180 mm
380 x 190 x 180	380 x 190 x 180 mm

CONFIRMATION NOTE
Exterior dimensions are reference values. Usable internal space, screw configuration and final model availability must be confirmed before quotation.

RT Waterproof Junction Boxes

Empty boxes with prepared cable-entry positions

RT junction boxes have molded circular knockout entries for cable connection and branch wiring. They are supplied as empty boxes unless a separate project configuration is confirmed.

SELECTION POINTS

- Molded circular knockout entries
- Solid cover with corner fixing points
- Internal component mounting points
- Ten supplied exterior size formats

TYPICAL APPLICATIONS

- Cable branch connections
- Electrical installation
- Control and communication wiring



Reference format	External size L x W x H
100 x 100 x 70	100 x 100 x 70 mm
150 x 110 x 70	150 x 110 x 70 mm
150 x 150 x 70	150 x 150 x 70 mm
200 x 100 x 70	200 x 100 x 70 mm
200 x 155 x 80	200 x 155 x 80 mm
200 x 200 x 80	200 x 200 x 80 mm
255 x 200 x 80	255 x 200 x 80 mm
255 x 200 x 120	255 x 200 x 120 mm
300 x 250 x 120	300 x 250 x 120 mm
400 x 350 x 120	400 x 350 x 120 mm

CONFIRMATION NOTE

Knockout diameter and position, usable internal space, material, gasket and protection rating require supplier confirmation for the selected model.

CG Nylon Cable Glands

Metric M-series selection

CG nylon cable glands use a compression cap, threaded body and locknut arrangement. Select by cable outside diameter first, then confirm the required panel hole and metric thread size.

SELECTION POINTS

- Metric M-series only in this catalog
- Black and white color options
- Cable retention and strain-relief function
- M8 through M30 reference range

TYPICAL APPLICATIONS

- Waterproof enclosure cable entry
- Junction boxes
- Control panels and electrical equipment



Metric thread	Panel hole	Cable range	Thread length
M8	8 mm	2-4 mm	9 mm
M10	10 mm	3-6 mm	8 mm
M12	12 mm	3-6.5 mm	9 mm
M14	14 mm	4-8 mm	9 mm
M16	16 mm	4-8 mm	9 mm
M18	18 mm	5-10 mm	9 mm
M22	22 mm	10-14 mm	10 mm
M24	24 mm	12-16 mm	10 mm
M25	25 mm	12-16 mm	10 mm
M27	27 mm	13-18 mm	12 mm
M30	30 mm	16-21 mm	12 mm

CONFIRMATION NOTE
Confirm panel thickness, exact thread pitch, sealing components and protection rating before quotation. PG sizes are not included in this reference.

DB Distribution Enclosures

Hinged empty enclosure options

DB enclosures provide a larger hinged platform for project-specific distribution and control assembly. Choose a smoky transparent cover for visual inspection or a solid opaque cover when internal components should remain concealed.

SELECTION POINTS

- DB-T smoky transparent cover
- DB-S solid opaque cover
- Hinged cover with side latches
- Empty enclosure base configuration

TYPICAL APPLICATIONS

- Electrical distribution assembly
- Industrial control equipment
- Outdoor electrical installation



Option	Cover	Visibility	Base supply
DB-T	Smoky transparent	Visible	Empty enclosure
DB-S	Solid opaque	Concealed	Empty enclosure

CONFIRMATION NOTE

No DB dimensions are published in this edition. DIN rail, breakers, terminals, mounting plates and other electrical components are not included unless separately confirmed.

BA Box Accessories

Compatibility-based accessory selection

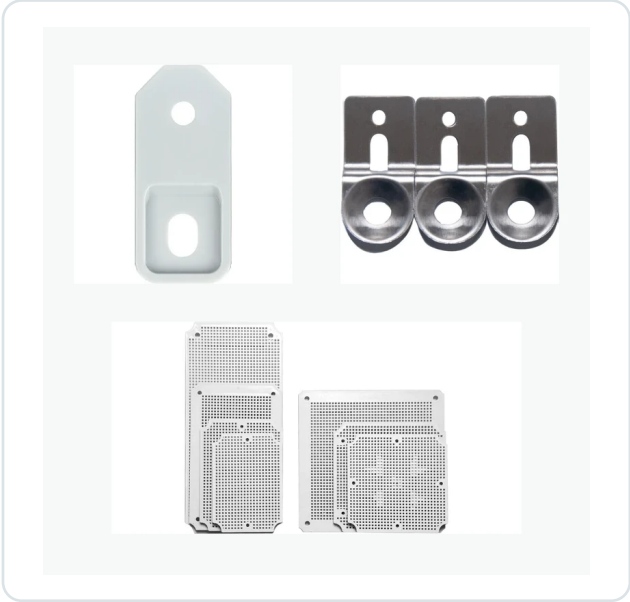
BA accessories support enclosure mounting and internal component layout. They must be matched to the enclosure series, internal dimensions, fixing method and hole positions rather than treated as universal parts.

SELECTION POINTS

- Plastic mounting feet
- Metal mounting brackets
- Perforated internal mounting plates
- Accessory kit matching available

TYPICAL APPLICATIONS

- Wall and equipment mounting
- Internal component support
- Project-based enclosure assembly



Group	Accessory	Reference detail
BA-PF	Plastic mounting foot	45.2 mm; hole 4.9 mm; slot approx. 5.9 x 8.9 mm
BA-MF	Metal mounting bracket	Fixing geometry confirmed against enclosure
BA-GP	Perforated mounting plate	Format matched to internal dimensions and hole positions

CONFIRMATION NOTE

Reference measurements are not a universal fit claim. Confirm enclosure compatibility, quantity and fixing hardware before quotation.

Custom Solutions

Flexible preparation and matching support for project-based orders.

01

Custom hole drilling

Share a drawing or confirmed hole positions and dimensions.

02

Logo marking

Provide artwork, placement and required order quantity for review.

03

Packaging customization

Label, carton and packing requirements can be discussed.

04

Accessory kit matching

Accessories are matched to the selected enclosure and installation method.

05

Product matching support

Share application, size and cable-entry requirements.

06

Project support

Quotation and configuration review based on quantity and destination.

CONFIRMATION NOTE

Availability depends on the selected product, confirmed requirements, order quantity and partner-factory review.

Send your requirements

For a useful first reply, include the application, size or model, quantity, destination country, project status, timeline and any custom requirements.

- 1 Product type**
AG, RT, CG, DB, BA or custom support
- 2 Application**
Where and how the item will be used
- 3 Size / model**
Required dimensions, cable range or reference
- 4 Quantity & destination**
Estimated quantity and delivery country
- 5 Custom requirements**
Hole drilling, marking, packaging or accessory matching

Brighttu Electrical Solutions

EMAIL

max@brighttulighting.com

WHATSAPP

+86 191 4350 1018

WEBSITE

www.brighttulighting.com

LOCATION

China

CONFIRMATION NOTE

Technical parameters, materials, protection ratings, certifications, final models and availability are published only after supporting documents are confirmed.

Electrical Protection Solutions

Product matching | Custom preparation | Project support