

Dockside Service Units Type Tested to IP56

Blakley Electrics introduce a new range of Dockside Service Units (DSUs), constructed to BS EN 60439-1 Form 4, Type 3. Enclosures provide IP 56 ingress protection to BS EN 60529: 1992; ERA Test Report 5046/536 refers.

Blakley DSUs are designed for permanent outdoor installation with no supplementary protection. The rugged design and high IP rating make them the preferred choice for installations located in some of the harshest environments found in the UK.

Definition of IP56

Figure 5 = Protected against dust (no harmful deposit)

Figure 6 = Protected against jets of water from all directions (such as heavy seas)

Enclosure construction

Enclosures are of seam welded modular construction, fabricated from 3mm thickness mild steel sheet. Frames and supports are made from heavy angle, seam welded. Cable entry and exit is generally through the base.

Finishing

The finishing system provides first class protection for enclosures installed in a coastal environment and consists of shot blasting, hot zinc spraying to BS2569 and polyester powdercoating. Frames and supports are hot dip galvanised to BS729.

Incoming Switchgear

Available in current ratings ranging from 800 to 3200 amps and can comprise conventional mains isolation switchgear or incoming manual or automatic mains failure systems.

Bus Bars

Bus Bar system design can be ASTA approved to 50 kA

Distribution Switchgear

Outgoing devices can be switchfuses to BS EN 60947-3 or MCCBs to BS EN 60947-2, with or without selectable RCD protection. Multipole or single-pole connectors from 16 to 800 amps rating can also be incorporated, mechanically and/or electrically interlocked.

Related products

The modular design of Blakley DSUs can also be applied to other dockside electrical distribution equipment, such as cable change boxes, crane supply points and floodlight controlgear cubicles.

Contact your local Customer Service Centre to arrange a visit to discuss your outdoor electrical distribution requirements.



DSU UNDERGOING WATER INGRESS TEST TO COMPLY WITH IP56

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