

Industry Applications.



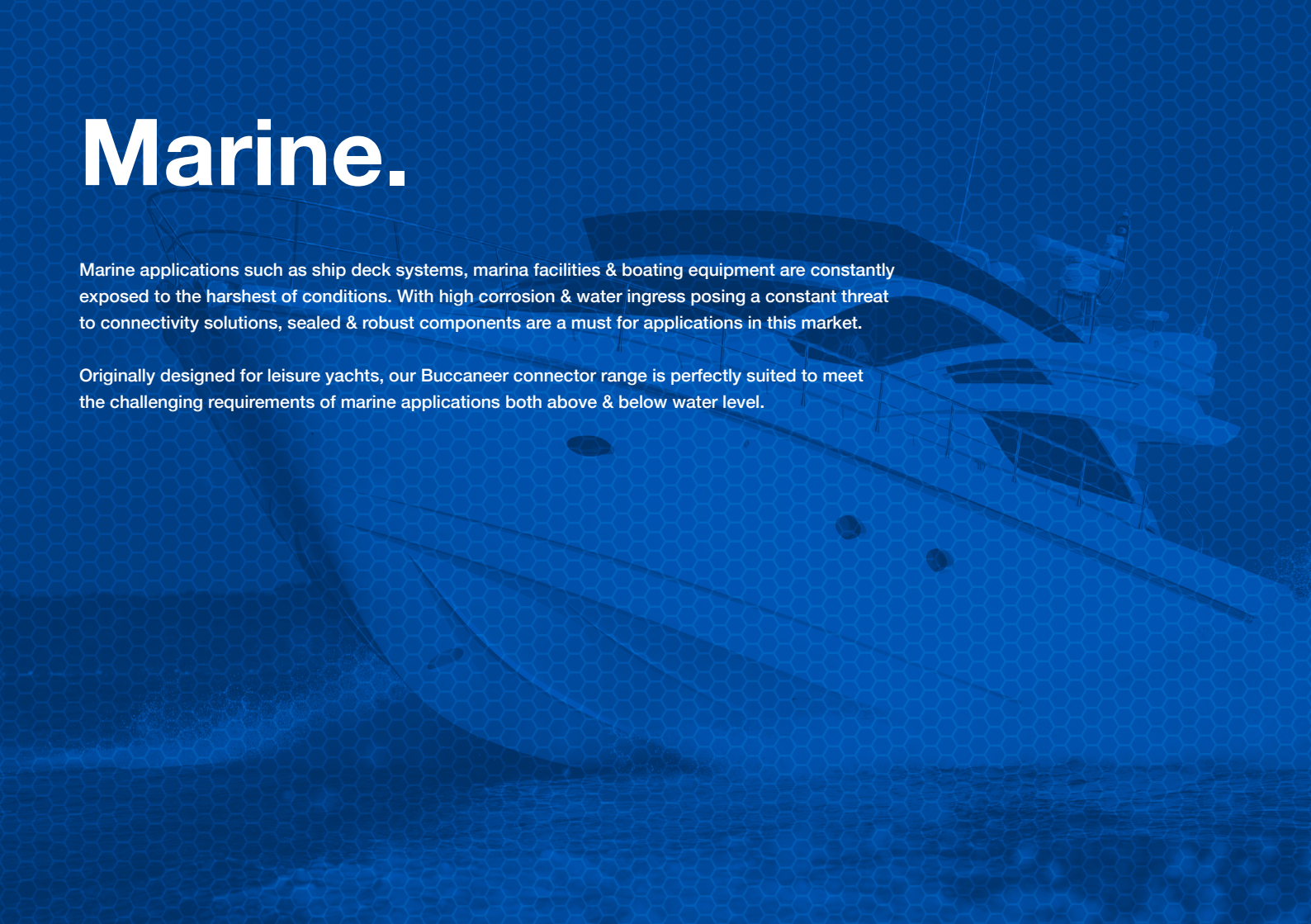
Bulgin is widely recognised as a leading manufacturer of environmentally sealed connectors & components.

With 100 years of experience in the industry, Bulgin continues to innovate & develop products & services to cater for its global customer base across a variety of markets.

Marine.

Marine applications such as ship deck systems, marina facilities & boating equipment are constantly exposed to the harshest of conditions. With high corrosion & water ingress posing a constant threat to connectivity solutions, sealed & robust components are a must for applications in this market.

Originally designed for leisure yachts, our Buccaneer connector range is perfectly suited to meet the challenging requirements of marine applications both above & below water level.





Above Water.

Surface marine applications such as ship deck systems, marina facilities & boating equipment are constantly exposed to the harshest of conditions. With high corrosion & water ingress posing a constant threat to connectivity solutions, sealed & robust components are a must for applications in this market. Originally designed for leisure yachts, our Buccaneer connector range is perfectly suited to meet the challenging requirements of marine applications both above & below water level.

With a wide portfolio of IP rated power, signal & data connectors, along with years of experience in designing & manufacturing sealed interconnect solutions, we are sure to have the right solution for your marine connectivity needs. If our existing product range doesn't meet your specifications then our experienced engineering teams have the knowledge & expertise needed to create a custom solution specific to your unique requirements.

// Industry Applications:

- Boat & Yacht Lighting
- Water Quality Systems
- GPS Marine Equipment
- Container Ship Communication
- LED Marine Lanterns
- Unmanned Surface Vehicles (USV)
- Water Flow Data Loggers
- Marina Energy Distribution Units
- Sail Boats



Products Related To Industry:

6000 Series

Circular Power Connectors



- 2 - 22 Contacts
- Plastic or Metal Housing
- IP66, IP67, IP68 & IP69K protection
- Secure, quick mating / release
- cULus, UL, VDE Approvals

4000 Series

Circular Power Connectors



- Ratings up to 13A, 600V ac/dc
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- IP66, IP67, IP68 & IP69K protection
- Pin or socket, bayonet locking
- UL, CSA & VDE approvals

Standard Series USB

Circular Data Connectors



- USB V2.0 performance
- IP66, IP67, IP68 & IP69K protection
- USB type 'A' or 'B' configurations
- Single & double ended cable / panel mount options

Rectangular

Rectangular Power Connectors



- 2, 3, 4, 6, 8 & 12 Contact Count
- IP68 (with Rear Protection)
- Rated to 13A
- Wedge-locks available for contact retention & alignment

Standard Ethernet

Circular Data Connectors



- Cat5e RJ45 Ethernet Connectors
- Data rates up to 100MHz
- IP66, IP67, IP68 & IP69K protection
- Shielded system
- Noise immunity & EMI protection

Vandal Resistant

Switches



- Rugged & Attractive
- High Corrosion Resistance
- Dome, Low & Prominent Profiles
- IP66, IP67 & IP68 Sealing Versions
- Illuminated & Non-Illuminated

Standard Series

Circular Power Connectors



- Rating up to 12A, 277V ac/dc
- 2, 3, 4, 6, 7, 9, 12 & 25 contacts
- IP66, IP67, IP68 & IP69K protection
- Plug & receptacle connectors
- CCC, UL, CSA & VDE approvals

400 Series SMB

Circular Data Connectors



- 50Ω impedance SMB antenna
- Frequency range 0 - 4GHz
- IP66, IP67, IP68 & IP69K protection
- Rewireable & pre-wired options
- RG-174 cables

Underwater.

Operating underwater requires the most rugged & reliable of connectivity components. Pressure, extreme temperatures & salt water all pose complex challenges for underwater marine applications. With more companies seeking to go deeper for longer in such hostile conditions due to production & exploratory reasons, increasing the life cycles of submersible connectors & simplifying product maintenance processes is more important than ever before.

With a high risk of corrosion affecting the integrity of power, signal & data connections, sealed connector solutions are a must for high performance underwater marine equipment. Bulgin's expertise in producing environmentally sealed connectors makes us one of the world's interconnect leaders for marine application solutions where immersion is required in low & high pressure underwater environments.

// Industry Applications:

- Sealed Diving Cameras
- Diver Communications
- Depth Loggers
- Subsea ROV



Products Related To Industry:

4000 Series

Circular Power Connectors



- Ratings up to 13A, 600V ac/dc
- 2, 3, 4, 6, 8, 10 & 12 Contacts
- IP66, IP67, IP68 & IP69K protection
- Pin or socket, bayonet locking
- UL, CSA & VDE approvals

6000 Series

Circular Power Connectors



- 2 - 22 Contacts
- Plastic or Metal Housing
- IP66, IP67, IP68 & IP69K protection
- Secure, quick mating / release
- cULus, UL, VDE Approvals

400 Series

Circular Power Connectors



- Ratings up to 8A, 250V ac/dc
- 2, 3, 4, 6, 8, 10 & 12 contacts
- IP66, IP67, IP68 & IP69K protection
- Pin or socket, screw thread locking
- CE, UL, CSA & VDE approvals

USB C-Type

Circular Data Connectors



- USB3.2 supported
- Data rates up to 20 Gbps
- IP66, IP68 & IP69K rated
- Plug & play capability
- Secure, proven locking system

Capacitive Switches

Switches



- Momentary or latching functions
- Sealed to IP68 & IP69K
- Large or thin ring illumination options
- Long life operation – 50 million of cycles
- 16, 19, 22 or 25mm diameter options

7000 Series

Circular Power Connectors



- Ratings up to 25A, 600V
- 2, 3, 6, 10 & 32 contacts
- IP66, IP67 IP68 & IP69K rated
- Plastic Shells
- cULus, UL & VDE approvals

Standard Ethernet

Circular Data Connectors



- Cat5e RJ45 Ethernet Connectors
- Data rates up to 100MHz
- IP66, IP67, IP68 & IP69K protection
- Shielded system
- Noise immunity & EMI protection

9000 Series

Circular Power Connectors



- Up to 225A, 1250V AC RMS
- 2 to 11 contacts
- IP68 when mated (for parts with backshell)
- Screw Turn Locking
- Bayonet 1/4 Turn locking Mechanism

Bulgin has you covered.

Our components are available through a large network of National & International Distributors Worldwide.

Search for distributors at:

www.bulgin.com/en/products/distributors

Search for stock at:

www.bulgin.com/en/products/stock



www.bulgin.com

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