



Shortform Catalogue

EXPlora Series

The EXPlora range is most suited to manufacturers of ancillary electrical equipment such as motors, pumps and lighting equipment. These operate in ATEX Zone 2 environments where hazardous or explosive atmospheres can be caused by flammable gases, vapours or combustible dusts.

Quick Points

Power

- Quick start thread coupling
- ATEX Zone 2 Certified
- Plug or socket versions
- 7-13mm dia cable acceptance - EXP-0
- 14-22mm dia cable acceptance - EXP-A
- Strain Relief Clamp - EXP-A series
- Up to 18A, 600V ac/dc rating
- 2, 3, 4, 5, 7 and 10 pole

Body style & part

Power

- Flex Connector** - EXP-0911, EXP-A911
- Flex In-line** - EXP-0921, EXP-A921
- Panel Mount** - EXP-0931
- Panel Mount (with Flange)** - EXP-0941

Industries

Industrial - Oil & Gas

The Range



EXP-0911



EXP-A911



EXP-0921



EXP-A921



EXP-0931



EXP-0941



EXP-0990
EXP-0991
EXP-0992

900 Series

Our most high powered connector in the Buccaneer range capable of up to 32A, 600V ac/dc rating. Sealed up to IP68, the 900 Series features a secure screw thread lock to ensure robust high voltage connections.

Quick Points

Power

- Quick start thread coupling
- Flex Cable Connector
- Mates with all other styles
- 2, 3, 4, 5, 7 & 10 pole
- Plug or Socket
- 32A, 600 V (7 pole 430V)
- 7-15mm cable acceptance
- Overall diameter 58mm

Body style & part

Power

- Flex Connector** - PX0911, PXA911
- Flex In-line** - PX0921, PXA921
- Panel Mount** - PX0931
- Panel Mount (with Flange)** - PX0941

Industries

Renewable - Recreation & Leisure - Marine - Automotive

The Range



PX0911



PXA911



PX0921



PXA921



PX0931



PX0941



PX0950



PX0990
PX0991
PX0992

Standard Series

Tried and tested, the Standard Buccaneer is one of our most popular waterproof connectors in the industry today. IP66, IP68 and IP69K rated, these power and data connectors have been designed into a wide range of markets such as Industrial and Marine, setting the gold standard for dust and waterproof circular connectors.

Quick Points

Power

- Screw coupling
- Poles 2, 3, 4, 6, 7, 9, 12, 25
- Plug or Socket
- 1-12 Amp, 50-250V ac/dc
- 3.5-9mm cable acceptance
- Overall diameter 38mm

Data - Ethernet Buccaneer

- Screw coupling
- Single or double ended
- Standard lengths: 2m, 3m & 5m
- PUR jacket cable
- Supplied with shielded RJ45 plug
- S-FTP cable construction
- Wiring configuration to 568-B
- Exceeds EIA/TIA Cat 5e

Data - USB Buccaneer

- Screw coupling
- Available in various different A, B configurations
- Available in 2m, 3m and 5m lengths

Industries

- Data & Telecoms
- Industrial
- Transport & Infrastructure

Body Style & Part

Power

- Flex Connector PX0731
- Flex In-line PX0732
- Prewired Flex Connector PX0700
- Front Panel Mount PX0730/P
- Rear Panel Mount PX0709
- PCB Mount PX0707
- Sealing Cap Accessory PX0734, PX0733

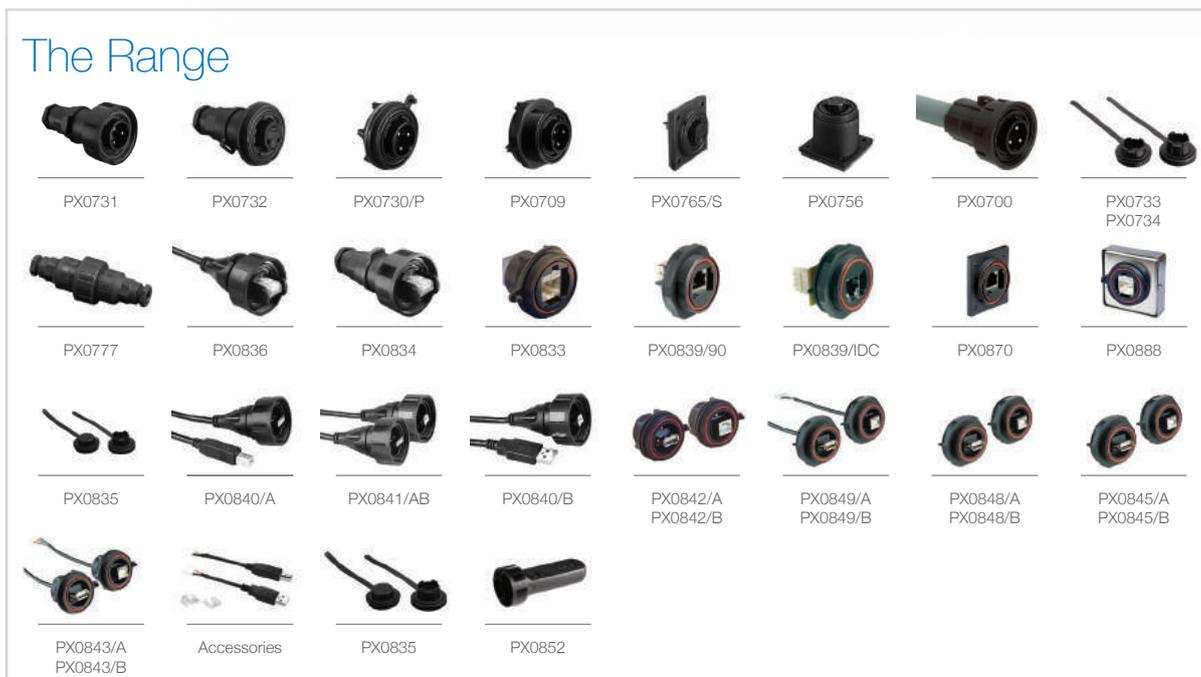
Data - Ethernet Buccaneer

- Ethernet Patch Cord Flex Connector PX0836, PX0837, PX0838
- Ethernet Re-wireable Flex Connector PX0834
- Ethernet Panel Mount PX0833
- Ethernet Flanged Panel Mount PX0870
- Ethernet PCB Mount PX0839
- Shield Back Shell Accessory PX0888

Data - USB Buccaneer

- Sealed USB Cables - Single Ended PX0840
- Sealed USB Cables - Double Ended PX0841
- USB Front Panel Mount PX0842
- USB Panel Mount with lead PX0844
- USB Rear Panel Mount PX0848

The Range



400 Series

A compact and versatile connector within the Buccaneer range, the 400 series is ideal for designs requiring a small footprint. Taking a selection of great features and specifications from the larger Buccaneer family, the 400 series condenses them into a compact form factor giving engineers greater flexibility.

Quick Points

Power

- Screw coupling
- Flex Cable Connector
- 2, 3, 4, 6, 8, 10 and 12 pole
- Pin or Socket inserts
- 1-8A, 50-250V ac/dc
- Cable acceptance 3-7mm
- Overall diameter 19mm

Data (Mini USB)

- Screw coupling
- Single ended sealed cable assembly
- Fully overmoulded construction (Flex Connector)
- Available in 2, 3 & 4.5m lengths
- 5 way crimp, for use with PC header or rear panel mounting connector with leaded 5 way header (leaded panel mount versions)

Data (SMB & Wireless Antenna)

- Screw coupling
- Single ended sealed cable assembly
- Fully overmoulded construction (Flex Connector)
- Available in 2, 3 & 4.5m lengths
- 5 way crimp, for use with PC header or rear panel mounting connector with leaded 5 way header (leaded panel mount versions)

Industries

- Industrial
- Marine
- Automotive
- Medical

Body Style & Part

Power

Flex Connector PX0410

Flex In-line PX0411

Prewired Flex Cable Connector PX0400, PX0401, PX0402

Panel Mount PX0412, PX0413

Sealing Cap Accessory PX0480, PX0480/1, PX0481, PX0484

Data (Mini USB)

Flex Connector Standard & Mini A to B PX0441, PX0442

Flex Connector Mini B to Standard A or Mini A PX0444

Front Panel Mount Mini B type or Mini AB type PX0443, PX0456

Rear Panel Mount Mini B type or Mini AB type PX0446, PX0457

Rear Panel PCB Mount Mini B type or Mini AB type PX0447, PX0458

Data (SMB & Wireless Antenna)

Re-Wireable Flex Connector PX0415/1

Pre - Wireable Flex Connector PX0416

Panel Mount PX0414

Sealing Cap PX0480, PX0481, PX0485

Rear Panel PCB Mount Mini B type or Mini AB type PX0480 PX0480/1 PX0481 PX0484

SMB Antenna PX0407, PX0408, PX0409

SMB 90 Degree Angled Antenna PX0407/90, PX0408/90, PX0409/90

The Range



6000 Series

Designed and independently tested to IP66, IP68 & IP69K standards, the rapid twist lock 6000 series connectors are ideal for applications where ingress of dust and water must be avoided and where ease of connection, space and appearance are important requirements.

Quick Points

Power

- Metal & Plastic versions
- Push/pull coupling
- Flex Cable Connector
- Mates with all other body styles
- 2, 3, 8, 16 & 22 pole
- Plug or Socket
- 16A, 277 V (max)
- 4-10mm cable acceptance
- Overall diameter 32mm

Data (Ethernet)

- Plastic & Metal versions
- Push/pull coupling
- Re-wireable flex Cable Connector
- Two versions:
 - for PE and PUR jacket cable
- Supplied with shielded RJ45
- Sealed through panel
- Cat 5e shielded coupler
- Standard patchcord can be plugged into rear
- Version with earth wire available

Data (USB)

- Plastic version Only
- Push/pull coupling
- Single and double ended sealed cable assembly
- Flex connector available in 2m, 3m and 5m lengths
- Leaded with 5 way crimp connector (lead version only).

Industries

- Marine
- Automotive
- Renewable
- Recreation & Leisure

Body Style & Part

Power

Flex Connector PXP6010, PXM6010

Flex In-line PXP6011, PXM6011

Panel Mount PXP6012, PXM6012

Sealing Cap Accessory PXP6081, PXM6081
PXP6082, PXM6082
PXP6083, PXM6083

Data (Ethernet & USB)

Ethernet Flex Connector PXP6034, PXM6034

Ethernet Panel Mount PXP6033TP, PXM6033TP

Ethernet Overmoulded Flex PXP6037, PXP6038

USB A/B Flex Connector PXP6040, PXM6041

USB Panel Mount PXP6042

USB Panel Mount with lead PXP6043

The Range



PXM6010



PXM6011



PXM6012



PXP6010



PXP6011



PXP6012



PXM6034



PXM6033



PXM6082
PXM6083
PXM6084



PXP6082
PXP6083
PXP6084



PXP6037



PXP6034



PXP6033



PXM6040/A



PXM6042/A
PXM6042/B



PXM6043/A
PXM6043/B

7000 Series

Available in plastic and metal body constructions, the 7000 Series Buccaneer connectors combine the easy use of a quick coupling mechanism with proven environmental sealing for signal and mains power.

Quick Points

Power

- Metal & Plastic versions
- Rapid twist locking
- 2, 3, 6, 10 & 32 pole
- Plug or Socket
- 25A, 600 V (max)
- 5-15mm cable acceptance
- Overall diameter 42mm

Body style & part

Power

- Flex Connector** - PXP7010, PXM7010
- Flex In-line** - PXP7011, PXM7011
- Panel Mount** - PXP7012, PXM7012
- Sealing Cap Accessory** - PXP7081, PXP7082, PXM7081, PXM7082, PXM7083

Industries

Marine - Industrial - Automotive - Oil & Gas - Transport & Infrastructure

The Range



4000 Series

The 4000 Series brings high power and data in a compact form factor. Its small and mighty characteristics make it ideal for power and data applications across a wide variety of markets.

Quick Points

Power

- Rapid twist lock coupling
- 3, 8 & 12 pole power up to 600V, 13A
- Sealed to IP66, IP68 and IP69K when mated
- Solder and crimp contacts available

Data (Micro USB)

- Data rates up to 480Mbs
- USB V2.0 performance
- Secure, proven locking system
- Tamperproof Construction
- EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1

Industries

Renewable
Recreation & Leisure
Data & Telecoms
Industrial
Marine

Body Style & Part

Power

Flex Connector PXP4010

Flex In-line PXP4011

Panel Mount PXP4013

Sealing Cap Accessory
PXP4081, PXP4082, PXP4083

Data (Micro USB)

Flex Connector Standard A to Micro B
PXP4040

Rear Panel Mount Micro B
PXP4043

Sealing Cap Accessory
PXP4081, PXP4083

The Range



M-Series

The M-Series Buccaneer range has been designed to offer flexible connectivity solutions for a variety of industrial automation applications. With metal and plastic variants, these rugged and robust interconnects are ideal for industries requiring secure and reliable connections.

Quick Points

- Available types: M5, M8, M12, M16 & M23
- Reliable sensor, actuator and data connectivity solutions
- Quick and secure screw coupling mechanism
- Ratings from 1A, 30V ac/dc up to 8A, 250V ac/dc
- Overmolded cables PVC & PUR
- IP67 Rating
- Cable lengths from 1m - 15m

Industries

- Factory Automation
- Robotics
- Measurement
- Manufacturing
- Medical
- Industrial Network

M5 Range



M8 Range



M12 Range



M16 Range



M23 Range



Distribution Unit Range



Filters

Designed to reduce conducted mains borne EMI, this extensive range provides many solutions to EMI problems. To meet individual design requirements the filters are available with one standard filter circuit.

Quick Points

- Current ratings are from 1 to 10 amps
- Single or twin fused types
- Flange, snap to panel or base/bulkhead mounting options
- 2.8 or 6.3mm tabs

Industries

- Medical
- Automotive
- Utilities

The Range



Power Entry Modules

With over 26,000 combinations, Bulgin's Polysnap mains power inlet modules offer a very adaptable and flexible solution to panel design. They allow combinations of mains inlets and outlets, filtered inlets, switches, fuseholders, voltage selectors and indicators to be mounted in either horizontal or vertical format bezels ready for quick snap-fit assembly.

Quick Points

- Compact single rectangular mounting hole, flange fixing alternative available for security of screw fixing.
- Vertical and horizontal arrangement
- Single or double pole variants.
- Illumination options
- Filtered inlet options

Industries

- Medical
- Recreation & Leisure

The Range



IEC Connectors

A full range of quality mains rated connectors conforming to IEC and EN 60320 specifications carrying UL, CSA, VDE and other approvals. With electrical ratings up to 20A, 250V (UL) these connectors offer solutions to most mains powered applications.

Quick Points

- Flange fixing, snap to panel and PCB mounting options
- 250V ac, 10A up to 20A
- 2.8 solder tabs, 4.8 and 6.3 fast on tabs, screw terminal and PC spill versions.
- Accessories include insulating boots, retaining clips and safety covers.
- Additional colours available

Industries

- Medical
- Data & Telecoms
- Industrial

The Range



Fuseholders

Bulgin's extensive range of fuseholders are designed to give the degree of protection demanded in today's sophisticated electronic equipment.

Carrying world-wide safety approvals from UL, VDE, CSA and IMQ, all types are manufactured from high grade flame retardant nylon and polyester materials.

Quick Points

- Designed primarily for 5 x 20mm and 6.3 x 32mm size fuses
- Protection against shock to categories PC1, PC2 and PC3.
- In-line, PCB mounting and panel mounting (screw or snap fit) options available
- Terminal options for solder, 2.8mm, 4.8mm or 6.3mm tabs or PC spills.
- Front of panel seal up to IP68 in both 5 x 20mm and 6.3 x 32mm size fuses.
- Captive drawer, screw cap and bayonet cap Fuse carrier styles
- Screwdriver release and screw cap - with finger release options

Industries

Recreation & Leisure
Data & Telecoms

The Range



FX0415/S
FX0416/S



FX0415
FX0416



FX0430



FX0357
FX0359



FX0367
FX0369



FX0454
FX0455



FX0454/S
FX0455/S



FX0458



FX0354
FX0354/S



FX0345



FX0365



FX0461



FX0419
FX0462



FX0296
FX0296/S



FX0296



FX0321



FX0326
FX0331



FX0327



FX0456
FX0457



FX0330
FX0342



PNo.11327
PNo.12932
PNo.9820



FX0180
FX0280
FX0380



FX0185
FX0285
FX0385



0345



0346

Battery Holders

Manufactured from quality mouldings and metal components to ensure a secure and reliable connection, Bulgin's battery holder range caters for battery sizes; AAA(R03), AA(R6), C(R14), D(R20), PP3(6R61) and CR123, accommodating 1, 2, 3 or 4 cells.

Quick Points

- Screw and flange panel fixing
- PCB and base mounting versions.
- Standard fixing and front panel sealed panel mounting versions, IP67 rated
- Open frame styles available

Industries

- Data & Telecoms
- Industrial
- Renewable



The Range



BXS011/1



BXS001/1



BXS016



BX0011/1



BX0001/1



BX0016



BX0027



BX0023



BX0026



BX0034



BX0035



BX0036



BX0037



BX0033



BX0123

Vandal Switches

Manufactured from Stainless Steel, Bulgin's extensive range of vandal resistant security switches are designed with a high resistance to wear and tear, corrosion and harsh use in potentially hostile environments such as access control applications.

Quick Points

- Front and rear panel mounted versions
- Vandal switches available in prominent, domed & low profile
- Various switching options such as latching, push on - push off, action.
- IP66, 68 front panel sealing options
- Dot and ring LED illuminated versions
- Illumination voltages 6, 12 and 24V sources,
- Variety of illumination colours and are now available with front and rear of panel sealing options

Industries

- Transport & Infrastructure
- Industrial
- Recreation & Leisure
- Security



The Range

MP0013 MP0033	MP0013/2 MP0033/2	8300	0911	MP0031/3	MP0027	MP0027/2	MP0027/3
MP0031/2	MP0031	MP0037/2	MP0037/3	MP0037	MP0038/2	MP0038	MP0042/1
MP0042/2	MP0042/3	MP0045/1/D1	MP0045/1/D2	MP0045/1E	MP0045/3E	MP0050	MP0050/2
MPB307	MPB038 MPB038/3	MPI001/RP	MPI001	MPI002/FL	MPI002	MAV0120	MAV0120

Piezo Switches

Unlike traditional switches, Piezo Switches are designed to withstand the harshest of environments. With no moving mechanical parts, they are extremely durable and able to withstand millions of actuations whilst requiring little to no maintenance.

Quick Points

- Piezo switches have no moving mechanical parts which offers excellent endurance and durability
- Stainless Steel and Aluminium body types
- Ratings up to 1A, 24V ac/dc
- Illuminated and Non-Illuminated variants available
- Latching and momentary actions
- Sealed to IP68 and IP69K ratings

Industries

- Marine
- Medical
- Oil & Gas
- Security

The Range



MPZ016
MPZ019
MPZ022

MPZ019
MPZ022
MPZ022L

Slide & Voltage Selector Switches

With up to 5 switching positions as well as multiple terminal, circuit and slider options, Bulgin's board mounted power slide switches can be configured to suit your needs. We also offer a wide range of voltage selector types that can be either snapped into a panel or flange mounted.

Quick Points

- Ratings up to 16A, 250V ac
- PCB and solder terminals
- Voltage Selector Models
- Snap in and flange mounting
- 2, 3, 4 and 5 position
- Choice of circuits
- Choice of actuators

Industries

- Small Domestic Appliances
- Kitchen Appliances
- Power Supply

The Range



2000

2000

VS0001

VS0002

Rocker Switches

With numerous configurations and available options, Bulgin's extensive line of rocker switches are the primary choice for many globally recognized OEM's.

Quick Points

- Available types: Ultra-thin, Miniature, Twin unit, Miniature round and Standard
- Rating from 10A, 250V ac up to 20A, 277V ac
- Single & double pole variants available
- Push-on, solder & PCB terminals
- Illuminated and non-illuminated options
- High in-rush (ON-OFF types)
- Matching Indicators
- Splash resistant options
- Choice of bezel styles and sizes, panel cut-outs and actuators
- Choice of switching circuits including 3 position

Industries

- Brown Goods
- Electronics
- Medical
- Recreation & Leisure
- Instrumentation

The Range



Push Button Switches

Bulgin's broad line of pushbutton switches are available in various sizes and configurations. This includes a variety of illumination and terminal options as well as several with high inductive power ratings suitable for motor driven applications. These switches can be found in many markets including home appliances, commercial, medical, audio and security.

Quick Points

- Miniature, round and rectangular push button switches available
- Ratings up to 16A, 250V ac
- 12(12)A 250V ac rating also available
- Latching and momentary actions
- Choice of actuators (custom option also available)
- Square and Round Mounting Styles

Industries

- Industrial
- Automotive
- Medical
- Security
- Domestic Appliances
- Instrumentation

The Range



Toggle Switches

Well known for their quality and reliability, Bulgin's toggle switches are cost effective solutions to many existing applications. Independently tested for shock and vibration along with operation to -40°C, these switches offer features at an attractive price point often well below that of the existing competition.

Quick Points

- Nylon and Metal switch variants
- Multiple Lever Options
- Ratings up to 20A, 250V ac - 277V ac
- IP67 panel seal versions, supplied complete with gaskets (3900 Series – All Variants)
- Single and double pole
- Choice of circuit options including 3 position and momentary
- Mounting hole: 12.7mm diameter.
- Sealing accessories available
- Quick Connect, Solder, Screw and PCB Termination Options

Industries

- Commercial Transportation
- Industrial Controls & Instrumentation
- Specialist Vehicles
- Consumer Goods
- Audio
- Domestic Appliances

The Range



3900



1700

Refrigerator Door Switches

Long recognised as a leader in refrigerator door switches, Bulgin's wide range of types and configurations will suit almost any need. With both double pole and single pole options, our switches are not only ideal for traditional refrigerator and freezer applications but can and have been used in a variety of door applications as well.

Quick Points

- Door switches
- Switch rating from 0.2A, 250V ac up to 5A, 250Vac
- Splash resistant variants
- Choice of actuators
- Momentary on and momentary off switching

Industries

- Domestic Appliances

The Range



0305



3005



3100



3140



0055

Antimicrobial Switches

Among the most innovative additions to our product offering are BioCote antimicrobial switches. BioCote is a silver ion product that is added to the molding process so it is integral to the plastic and will not wear off. Switches made with the BioCote additive are infused with antimicrobial properties that prevent the spread of dangerous microbes from multiple users activating the switch.

Quick Points

- BioCote antimicrobial material
- Single and double pole options
- Ratings from 15A, 250V ac to 20A, 277V ac
- Choice of bezel styles and sizes
- Choice of panel cut-out sizes
 - 19.3 x 12.9mm (8500 & 8300 Series)
 - 30.1 x 22.2mm (6050 Series)
 - 6 Different mounting sizes/styles (1550 Series)
- Illuminated and non-illuminated options available

Industries

- Medical
- Food Processing
- Instrumentation

The Range



8500



6050



1550



8300

Indicators

This range of panel mounting indicators consists of many different LED and Neon types, bezel styles and colours. The range has developed to meet the many different needs of panel design including IP66 environmentally sealed versions for use where a front panel seal is needed.

Quick Points

- Various LED, Neon and Filament illuminated options available
- Wide viewing angle option
- Termination options include Wire Leads, 2.8 Tabs, 4.8 or 6.3 QC termination
- Multiple termination types
- Rugged stainless steel variants that complement our anti-vandal switches

Industries

- Marine
- Medical
- Transport and Infrastructure
- Industrial
- Audio
- Instrumentation

The Range



DX0505
DX0506



DX0507
DX0508



0566



1041



2950



0195



0278



0273



0569



0275



0276



0589



0277



0234



0821

LED Lamps & Lampholders

Among the smallest and most versatile products within our indicator range are LED Lamps and Lampholders.

Quite small in size, the LED housings we offer incorporate an LED and allow it to be mounted in a panel. We also offer re-lampable LED lampholders which can be supplied with or without LED's. These products are ideal where a reliable, long life indication in a small package is needed.

Quick Points

- Available with or without LEDs
- Black or Chrome finish
- 3mm and 5mm LEDs
- Prominent or recessed styles

Industries

- Domestic Appliances
- Recreation and Leisure
- Medical
- Industrial

The Range



IP Rated Indicators, LED Lamps & Lampholders

Bulgin has a long history of offering sealed, robust products and our indicators are no exception. Available in six popular sizes and styles, the indicators are all sealed to IP67 and can be fitted with Neon, LED or filament lamps. Several of our larger Low Voltage (IP67) and small LED lampholders (IP66 and IP67) are also available with IP sealing. Both types can be fitted with or without lamps. All of these products are great for any environment where moisture is a concern.

Quick Points

- Panel sealed to IP66 & IP67
- Bezel sizes ranging from 9.5 – 22.9 diameter.
- Panel hole sizes ranging from: 6.3 – 19.0 diameter.
- Neon, LED-dc, LED-110/230V ac or filament lamp options available
- Chrome bezels available on specific product types
- Termination options include Wire Leads, 2.8 Tabs, 4.8 or 6.3 QC termination

Industries

- Domestic Appliances
- Recreation and Leisure
- Medical
- Industrial

The Range



We've got you covered

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

Search for our stock at:
www.bulgin.com/distributors.html



- Connect With Us -

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