



Industry Application Report

March 2021



CCTV Cameras.

CCTV (Closed-Circuit Television) is a method of capturing visual images of a specific area of interest through the use of singular or multiple video cameras capturing and transmitting the required footage through either a point-to-point, point-to-multipoint, mesh wired or wireless communication setup.

CCTV is utilised around the world to observe either public or private spaces in both indoor and outdoor locations. With the need to be operational 24/7 in all weather conditions, the 900 Series Buccaneer ensures that CCTV Cameras have a watertight connection for a continuous power source.

- ⬡ Potential Markets: Security / Retail
- ⬡ 900 Series Buccaneer is Water & Dustproof to IP68 when mated with compatible connector
- ⬡ 900 Series Buccaneer has a positive fast-acting locking ring - can be turned with a gloved hand



Products Related To This Industry:



PX0911 / PXA911

900 Series Buccaneer

Flex Cable Connectors. Water and dustproof to IP68 when mated with compatible connector. Positive fast-acting locking ring - can be turned with a gloved hand. Plug or Socket. 2, 3, 4, 5, 7, 10 Pole with leading Earth on 3, 4, 5, 7 Pole versions, trailing Neutral on 5 Pole version. Screw Terminals.



PX0921 / PXA921

900 Series Buccaneer

Flex In-Line Cable Connectors. Water and dustproof to IP68 when mated with compatible connector. Positive fast-acting locking ring - can be turned with a gloved hand. Plug or Socket. 2, 3, 4, 5, 7, 10 Pole with leading Earth on 3, 4, 5, 7 Pole versions, trailing Neutral on 5 Pole version. Screw Terminals.



PX0931

900 Series Buccaneer

Panel Mount Connector. Water and dustproof to IP68 when mated with compatible connector. Positive fast-acting locking ring - can be turned with a gloved hand. Plug or Socket. 2, 3, 4, 5, 7, 10 Pole with leading Earth on 3, 4, 5, 7 Pole versions, trailing Neutral on 5 Pole version. Single hole fitting, anti-rotation key.



PX0941

900 Series Buccaneer

Flange Mount Connector. Water and dustproof to IP68 when mated with compatible connector. Positive fast-acting locking ring - can be turned with a gloved hand. Plug or Socket. 2, 3, 4, 5, 7, 10 Pole with leading Earth on 3, 4, 5, 7 Pole versions, trailing Neutral on 5 Pole version. Supplied with high grade sealing gasket.



Agricultural Vehicles.

Agricultural vehicles come in all shapes and sizes and are all designed for use across a variety of applications such as crop spraying and harvesting, to ploughing and planting of various crops - with many of these tasks all requiring heavy duty machinery for use within an outdoor environment.

Dashboards on vehicles for example can be exposed to outdoor environments and require sealed switches. Our IP67 Rated Toggle Switch is a popular choice for vehicles used in such applications.

- ⬡ Potential Markets: Agriculture / Sports Grounds
- ⬡ Bulgin provide a Range of Toggle Switches including Single Pole (3900 Series) & Double Pole (3950 Series) with a Standard or Sealed body (panel seal to IP67)



Products Related To This Industry:



3900 Series

Toggle Switches

ENEC, UL, CSA approved (approvals & ratings vary with function & switch body type - see technical data for details). Choice of: Single Pole (3900 Series), Double Pole (3950 Series) Standard or Sealed body (panel seal to IP67)
Actuator: 10mm, 17.5mm, 38.1mm Metal Toggle or 17.5mm Flatted Nylon Toggle.



1700 / 1750 Series

Toggle Switches

Range of Toggle Switches with Nylon actuators. ENEC, UL, CSA approved (approvals & ratings vary with function & switch body type - see technical data for details). Single Pole (1700 Series), Double Pole (1750 Series).
Actuator: 13.8mm Nylon Toggle, 16.4mm Flatted Nylon Toggle.



Accessories

Toggle Switches

Covers (with internal nylon/metal nuts) & Seals:
A1080MOAAA Actuator Cover for use with 3900 Series & compatible 1700/1750 Series switches. A0539MOAAA Neck Seal (actuator remains visible) for use with 3900 Series & 1700/1750 Series switches. A0331MOAAA Actuator Cover for use with compatible 1700/1750 Series.



5500 Series

Rocker Switches

Range of Single Pole Rocker Switches. Standard (5500 Series) & Illuminated (5503, 5508 Series) versions. ENEC, UL, CSA approved. Approvals & ratings can vary with function - see technical data for details. Choice of Single or Twin units. Termination: 6.3 x 0.8 QC, 4.8 x 0.8 QC, Solder Lug. Body/bezel styles.



Sailboats.

Sailing or sailboats have been a traditional method of sea travel known to date back to 5500 and 5000 BC. However as technology has evolved so has the evolution of such a traditional method of sea travel.

Sailboats function through utilising the wind through either sails, wingsails or kites in order to harness the winds momentum to propel the sailboat in the desired direction. Our Standard Buccaneers are used on specialist accessibility sailboats enabling individuals with disabilities to sail independently through the use of power assisted technology.

⬡ Potential Markets: Specialist Automotive / Marine

⬡ These Environmentally Sealed Power Connectors are IP68 & IP69K Rated - setting the gold standard for Dust & Waterproof Circular Connectors



Products Related To This Industry:



PX0736 Series

Standard Series Buccaneer

Water and dustproof to IP68 when mated with compatible connector. Plug or Socket. 2, 3, 4, 6, 7, 9, 12, 25 Pole with leading Earth contact on 3 Pole. Socket versions. Screw, Crimp, Crimp/Solder Terminations depending on part code and number of Poles. Screw contacts supplied fitted, Crimp contacts supplied loose.



PX0730/P Series

Standard Series Buccaneer

Water and dustproof to IP68 when mated with compatible connector. Single hole fixing. Plug or Socket. 2, 3, 4, 6, 7, 9, 12, 25 Pole with leading Earth contact on 3 Pole Socket versions. Screw, Crimp, Crimp/Solder Terminations available depending on part code and number of Poles.



PX0737 Series

Standard Series Buccaneer

Water and dustproof to IP68 when mated with compatible connector. Plug or Socket. 2, 3, 4, 6, 7, 9, 12, 25 Pole with leading Earth contact on 3 Pole Socket versions. Screw, Crimp, Crimp/Solder Terminations available depending on part code and number of Poles. Screw contacts supplied fitted, Crimp contacts supplied loose.



PX0700 Series

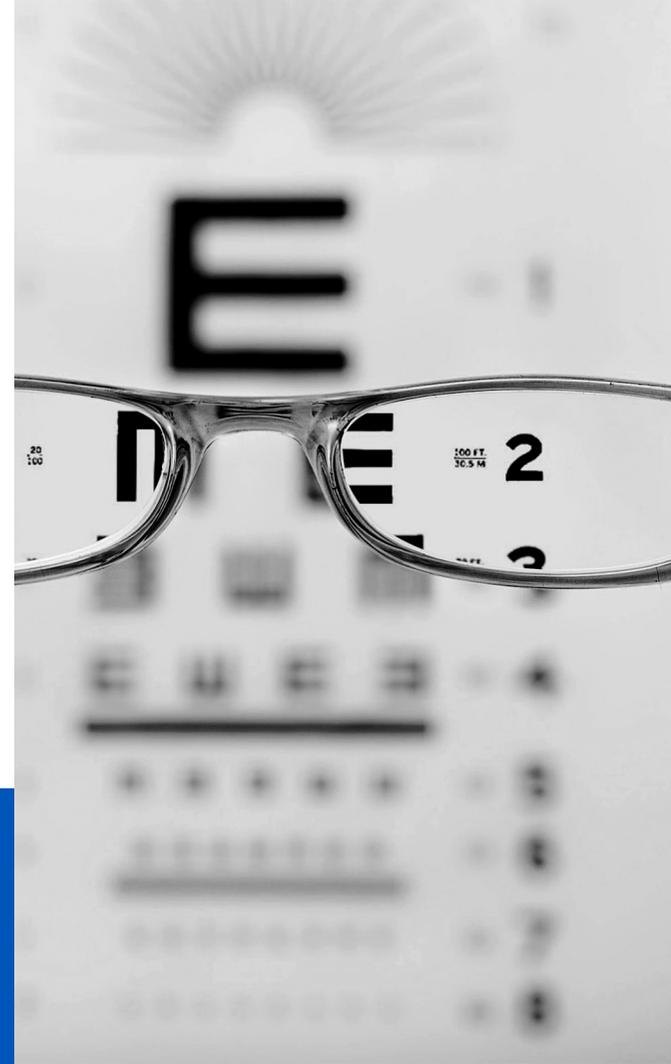
Standard Series Buccaneer

Water and dustproof to IP68 when mated with compatible connector. Plug or Socket. 2, 3, 4, 6, 7, 9, 12, 25 Pole with leading Earth contact on 3 Pole Socket versions. Cable acceptance up to 14mm diameter with PVC or PU jackets. PX0734 Sealing Cap available separately to maintain IP rating of unmated connectors.



Ophthalmic Chair.

When being examined during eye tests, it is essential that customers and patients are correctly positioned and comfortable. In order to achieve this, an Ophthalmic Chair is utilised alongside (and often attached to) the various other equipment surrounding the chair itself - done so to make sure the patient is correctly sat during the various examinations as to optimise the examination process. Our Rocker Switches make it possible to alter and adjust ophthalmic chairs to achieve this optimal positioning.



- ⬡ Potential Markets: Healthcare / Dentistry
- ⬡ Bulgin Rocker Switches include a choice of single & double pole options in various sizes, colours, terminations, actuator types & ratings up to 16A, 250Vac

Products Related To This Industry:



Double Pole Range

Rocker Switches

Range of Double Pole and 3 Position Selective Rocker Switches. Standard (1550 Series), high inrush tolerant (1350 Series), 3 position selective (1484, 1487 Series) and Indicator Only version (0480 Series). Splash resistant rocker versions available.



8800 Series

Rocker Switches

Range of ultra thin Rocker Switches. ENEC, UL, CSA approved (approvals and ratings can vary with function - see technical data for details). Single Pole. Curved rocker. Choice of: Termination: 4.8 x 0.8 QC, Solder Tag, PCB mount. Body colour: Black, Red, White. Plus other options available.



Minature Range

Rocker Switches

Extensive range of miniature Rocker Switches and matching Indicators. ENEC, UL, CSA approved (approvals and ratings can vary with function. Industry standard panel cut-out. Single Pole (8500, 8503 Series), Double Pole (8550, 8553 Series) and matching Indicator Only (8580 Series) versions all in same body size



1250SP / 1250 Series

Rocker Switches

Rocker Switches. ENEC, UL, CSA approved (approvals and ratings can vary with function - see technical data for details). Single Pole (1250SP Series) and Double Pole (1250 Series) in same body size. High inrush tolerance.



Automated Cleaning System.

Automation is becoming a more frequent application in everyday life and with it, sophisticated systems that are built to help maintain and increase productivity. One such system has utilised a IP67 rated Bulgin Battery Holder having built it into automatic cleaning equipment for drinks and ice-cream machines - making good use of the products sealed properties.

- ⬡ Potential Markets: Retail / Catering
- ⬡ Bulgin's battery holder range caters for battery sizes: AAA(R03), AA(R6), C(R14), D(R20) and PP3(6R61), accommodating 1, 2, 3 or 4 cells



Products Related To This Industry:



BX0011/1

Battery Holders

AA/R6 Flanged Panel Mount Battery Holders For 1-3 Cells (Bayonet Cap With Coin Slot). Panel Mount Battery Holder. Solder Tags. Bayonet/Screwdriver release. -30°C to +70°C Operating Temperature. UL94V-0 Flammability Rating. RoHS Compliant. Number of battery cells: BX0011/1, BX0012/1 & BX0013/1.



BXS/ 011 / 012 / 013/1

Battery Holders

AA/R6 Sealed Flanged Panel Mount Battery Holders For 1-3 Cells. IP67 Rated. Panel Mount Battery Holder. Front Panel Sealed to IP67 - Dust & Waterproof. Solder Tag. Bayonet Cap with Finger/Coin Release. -30°C to +70°C Operating Temperature. UL94V-0 Flammability Rating.



BXS/ 001 / 002 / 003/1

Battery Holders

C/R14 Sealed Panel Mount Battery Holders For 1-3 Cells, IP67 Rated. Panel Mount Battery Holder. Front Panel Sealed to IP67 - Dust & Waterproof. Solder Tag. Screw Cap with Finger Release. -30°C to +70°C Operating Temperature. UL94V-0 Flammability Rating.



BXS / 016 / 017 / 018

Battery Holders

D/R20 Sealed Flanged Panel Mount Battery Holders For 1-3 Cells. IP67 Rated. Panel Mount Battery Holder. Front Panel Sealed to IP67 - Dust & Waterproof. Solder Tag. Bayonet Cap with Finger Release. -30°C to +70°C Operating Temperature. UL94V-0 Flammability Rating.





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