Shortform Catalogue

2010

B BULGIN

A full range of IP68 rated environmentally sealed circular connectors designed to provide secure and safe connections in harsh or hostile conditions. This now includes the new EXPlora ATEX Zone 2 approved Hazardous Area connectors.

The Power Buccaneer range consists of the miniature 400 Series, Mini, Standard and the 900 series. Each range has flex cable connector, in-line flex cable connector and panel mounting connector options. With a wide choice of alternatives from 2 to 25 poles, BNC connections and screw, solder or crimp terminations, the Buccaneer range provides the answer to many design problems.

The Data Buccaneer range includes designs for Ethernet, USB, Mini USB, SMB and FireWire interfaces. Ethernet Buccaneer meets Cat 5e requirements for data rates up to 100Mbs, USB and Mini USB Buccaneer meets USB version 2.0 specification for data rates up to 480Mbs, SMB Buccaneer has a frequency response up to 4GHz, and FireWire Buccaneer meets IEEE1394a performance to 400Mbs. For wireless applications there's the USB Bluetooth adapter, RS232/485 Bluetooth wireless link and the SMB waterproof antenna.

900 Series Buccaneer

PX0911
- 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

PXA911
- Flex Cable Connector
- Mates with all other styles
- 2, 3, 4, 5, 7 & 10 pole
- Plug or Socket
- 32A, 600 V (7 pole 430V)
- 14-22mm cable acceptance
- Strain relief clamp

PX0931
- Panel Mount Connector
- Anti-rotation key
- 2, 3, 4, 5, 7 & 10 pole
- Mates with PX0911 & PXA911
- Plug or Socket
- 32A, 600V (7 pole 430V)
- 3-7mm panel thickness

PX0921
- In-Line Flex Cable Connector
- Mates with PX0911 & PXA911
- 2, 3, 4, 5, 7 & 10 pole
- Plug or Socket
- 32A, 600V (7 pole 430V)
- 7-15mm cable acceptance

PXA921
- In-Line Flex Cable Connector
- Mates with PX0911 & PXA911
- 2, 3, 4, 5, 7 & 10 pole
- Plug or Socket
- 32A, 600V (7 pole 430V)
- 14-22mm cable acceptance
- Strain relief clamp

PX0941
- Flange Mount Connector
- 2, 3, 4, 5, 7 & 10 pole
- Mates with PX0911 & PXA911
- Plug or Socket
- 32A, 600V (7 pole 430V)
- 6.2mm dia mounting holes

PX0950
- Additional Bulkhead Adaptor
- For use with PX0941 to give a 45° or 90° angle
- 6.2mm dia mounting holes

PX0960, PX0970
- Sealing caps to maintain IP68 rating of unmated connectors
- PX0960 used for PX0911 & PXA911
- PX0970 used for all other styles

PX0990, PX0991, PX0992
- Sealing caps to maintain IP68 rating of unmated connectors
- PX0990 Heavy duty sealing cap for use with PX0911 and PXA911
- PX0991 Heavy duty sealing cap for use with PX0921 and PXA921
- PX0992 Heavy duty sealing cap for use with PX0931 and PX0941

EXPlora ATEX Zone 2 Certified

EXP-0911
- ATEX Zone 2 Certified
- Mates with EXP-0921, EXP-A921, EXP-0931 & EXP-0941
- 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

EXP-A921
- ATEX Zone 2 Certified
- Mates with EXP-0911, EXP-A911
- 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

EXP-0931
- ATEX Zone 2 Certified
- Panel mount connector
- Mates with EXP-0911, EXP-A911
- Plug or socket versions
- Up to 18A, 600V ac/dc rating
- 2, 3, 4, 5, 7 and 10 pole

EXP-0941
- ATEX Zone 2 Certified
- Flang mount connector
- Mates with EXP-0911, EXP-A911
- Plug or socket versions
- Up to 18A, 600V ac/dc rating
- 2, 3, 4, 5, 7 and 10 pole

SEALING CAPS
- Heavy duty sealing caps to maintain IP68 rating of unmated connectors, with stainless steel straps

Standard Buccaneer

FLEX CABLE CONNECTOR
- Flex Cable Connector
- Mates with in-line flex connector and all panel connectors
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC
- Plug or Socket
- 1-12 Amp, 50-250V ac/dc
- 3.5-9mm cable acceptance
- Overall diameter 38mm

OVERMOULED CONNECTORS
- Overmoulded cable assemblies
- Up to 14mm dia cable with PVC or PU jackets
- PX0700 flex cable connector
- Mates with in-line flex connector and all panel connectors

IN-LINE FLEX CABLE CONNECTOR
- In-Line Flex Mounting Connector
- Mates with Flex Mounting Connector
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC
- Plug or Socket
- 1-12 Amp, 50-250V ac/dc
- 3.5-9mm cable acceptance

PANEL CONNECTOR
- Front Panel Mounting Connector
- Mates with Flex Cable Connector
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC
- Plug or Socket
- 1-12 Amp, 50-250V ac/dc

REAR PANEL MOUNT CONNECTOR
- Rear of Panel Mounting Connector
- PC Spills or screw terminals
- Mates with Flex Cable Connector
- Poles 2, 3, 6, 9, 12, 25
- Plug or Socket
- 1-12 Amp, 50-250V ac/dc
- (pending)

LOW PROFILE FLANGE MOUNTING
- Low Profile Flange Mounting Connector
- Mates with Flex Cable Connector
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC
- Plug or Socket
- 1-12 Amp, 50-250V ac/dc

BULKHEAD/SURFACE MOUNTING
- Bulkhead/Surface Mounting Connector
- Mates with Flex Cable Connector
- Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC
- Plug or Socket
- 1-12 Amp, 50-250V ac/dc

SEALING CAPS
- Sealing caps to maintain IP68 rating of unmated connectors
- PX0734 fits Flex Mounting Connector
- PX0733 fits In-Line Flex, Front Panel Mount, Flange Mount and Bulkhead connectors
- PX0711 for PCB and Rear Panel Mount connectors

INLINE CONNECTOR
- IP68 Rated In-Line Connector
- Standard Cable Acceptance 6-8mm
- Cable Range 3.5-9mm (using alternative glands)
- Supplied with 3 way Terminal Block
- Available Moulded in Black or Orange
- Also available with Ethernet RJ45 connections

Mini Buccaneer®

PX0800 - shown with insert
- Flex Cable Connector
- Mates with Flex In-Line or Panel Mounting versions
- Suitable for Pin, Socket or BNC inserts
- Cable acceptance 3.5-9mm (Standard 5-7mm)
- Overall diameter 26mm

PX0802 - shown with insert
- Panel Mounting Connector
- Mates with PX0800
- Single hole fixing
- Suitable for Pin, Socket or BNC inserts

PX0805 - shown with insert
- Panel Mounting Connectors
- Mates with PX0800
- Suitable for Pin, Socket or BNC inserts
- PX0804 as PX0805 but without sealing cap retaining clip

PX0801 - shown with insert
- In-Line Flex Cable Connector
- Mates with PX0800
- Suitable for Pin, Socket or BNC inserts
- Cable acceptance 3.5-9mm (Standard 5-7mm)

PX0803 - shown with insert
- Panel Mounting Connector
- Mates with PX0800
- Right angle cable entry
- Suitable for Pin, Socket inserts

SEALING CAPS
- Sealing caps to maintain IP68 rating of unmated connectors
- PX0811 fits Flex Mounting Connector, PX0810 fits all other body styles

SCREW TERMINAL INSERTS
- 2, 3, 4 and 6 poles
- 3-10A, 250V ac
- Fits all body styles
- Leading earth pin on 3, 4 and 6 pole inserts

SOLDER/CRIMP INSERTS
- For solder or crimp contacts
- 5A, 380V ac
- 3 or 8 pin
- Fits all body styles

400 Series Buccaneer

PX0410/P   PX0410/S
- Flex Cable Connector
- Mates with PX0401, PX0411, PX0412 and PX0413
- 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

PX0411/P   PX0411/S
- In-line Flex Cable Connector
- Mates with PX0410 & PX0400
- 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

PX0401, PX0400
- Overmoulded cable assemblies
- Up to 9mm dia cable with PVC or PU jackets
- PX0400: Flex cable connector, mates with in-line flex connectors
- PX0401: In-line flex cable connector, mates with in-line flex connectors and all panel connectors

PX0412/P   PX0412/S
- Front Panel Mounting Connector
- Mates with PX0410
- 2, 3, 4, 6, 8, 10 and 12 pole
- Pin or Socket inserts
- 1-8A, 50-250V ac/dc
- Single hole fixing - 16.1mm dia. D
- Crimp or solder contacts - supplied separately

PX0413
- Mates with Flex Cable connector PX0410
- Rear Panel mounting
- Single hole fixing - 19.1mm dia. D
- 2, 3, 4, 6, 8, 10 or 12 pole
- PX0413: Crimp or solder contacts - supplied separately
- PX0413/PC: straight PC spills, pre-loaded gold plated contacts

PX0480, PX0480/1, PX0481, PX0484
- Sealing caps to maintain IP68 rating of unmated connectors
- PX0480/1 - fits PX0411 style
- PX0480 - fits PX0412 style
- PX0481 - fits PX0410 style
- PX0484 - fits PX0413 styles

SMB Buccaneer®

PX0415
- Flex cable connector
- Mates with Panel connector (PX0414)
- PX0415 - Re-wireable connector for RG-174 cable
- PX0416 - Pre-wired with RG-174 cable
- Gold plated SMB plug
- 50Ω impedance

PX0414
- Front panel mount connector
- Mates with Flex connectors (PX0415, PX0416)
- Single hole fixing
- Supplied with SMB jack terminated with RG-174 cable

SEALING CAPS
- PX0480 - fits PX0414 style
- PX0481 - fits PX0415 style
- PX0485 - fits PX0416 style

Ethernet Buccaneer®

PX0836, PX0837, PX0838
- Mates with panel mounting connectors (PX0833, PX0839, PX0870)
- 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

PX0834
- Flex Cable Connector
- Mates with panel mounting connectors (PX0833, PX0839, PX0870)
- Supplied with shielded RJ45 plug
- Two versions: for PE and PUR jacket cable (Cat 5e) for other cable sizes from 3.5 to 8mm dia

PX0833
- Front Panel Mounting Connector
- Mates with PX0836, PX0837, PX0838 and PX0834 flex connectors
- Cat 5e shielded coupler
- Standard patchcord can be plugged into rear
- Version with earth wire available
- Single hole fixing
- Complete with panel sealing gasket

PX0839/PC
- Cat 5e shielded RJ45 interface
- Rear of panel mounted
- Mates with PX0836, PX0837, PX0838 and PX0834 flex connectors
- For direct horizontal mounting to PCB with straight pins or vertical mounting to PCB with 90° pins
- Complete with panel sealing gasket

PX0839/IDC
- Cat 5e shielded RJ45 interface
- Rear of panel mounted
- Mates with PX0836, PX0837, PX0838 and PX0834 flex connectors
- IDC blocks for discreet termination
- Complete with panel sealing gasket

PX0870
- Cat 5e shielded RJ45 interface
- Flange fixing
- Mates with PX0836, PX0837, PX0838 and PX0834 flex connectors
- Version with earth wire available
- Complete with panel sealing gasket

PX0888
- Shielding back shell
- Maintains screening directly to panel
- Can is fixed to rear of panel mount connector
- For use on PX0833

SEALING CAPS
- Sealing caps to maintain IP68 rating of unmated connectors
- PX0835 - fits PX0834, PX0836-PX0838
- PX0733 - fits PX0833
- PX0711 - fits PX0839

FireWire Buccaneer®

PX0417 & PX0418

Single ended sealed cable assembly
- IP68 4 pole sealed connector to standard 4 pole FireWire
- IP68 4 pole sealed connector to standard 6 pole FireWire
- Overmoulded construction
- Available in 2m and 4m lengths (other lengths and sealed double ended cables available on request)

PX0846 & PX0851

Single ended sealed cable assembly
- IP68 6 pole sealed connector to standard 6 pole FireWire
- IP68 6 pole sealed connector to standard 4 pole FireWire
- Overmoulded construction
- Available in 2m and 4m lengths (other lengths and sealed double ended cables available on request)

PX0419

- Front of panel mounted 4 pole IP68 FireWire
- Cable to rear with 5 way crimp for use with PCB header
- Mates with PX0417 & PX0418

PX0847

- Front of panel mounted 6 pole IP68 FireWire
- Cable to rear with 7 way crimp for use with PCB header
- Mates with PX0846 & PX0851

PC HEADER

PCB headers
- 2.54mm pitch, horizontal or vertical mounting
- 5 way headers for use with PX0419
- 7 way headers for use with PX0847

SEALING CAPS

Sealing caps
- Sealing caps to maintain IP rating when connectors are not in use
- Panel mounting & cable mounting versions

USB Buccaneer®

PX0840/A

- Single ended sealed cable assembly
- IP68 'A' type USB connector to standard 'B' type USB connector
- Mates with all panel mounting styles
- Available in 2m, 3m and 5m lengths

PX0840/B

- Single ended sealed cable assembly
- IP68 'B' type USB connector to standard 'A' type USB connector
- Mates with all panel mounting styles
- Available in 2m, 3m and 5m lengths

PX0841/AB

- Double ended sealed cable assembly
- IP68 'A' type USB connector to IP68 'B' type USB connector
- Mates with all panel mounting styles
- Available in 2m, 3m and 5m lengths

PX0842/A   PX0842/B

- Front Panel Mounting Connector
- PX0842/A - USB 'A' type IP68 connector
- PX0842/B - USB 'B' type IP68 connector
- Opposite connector to rear of panel
- Mates with PX0840 and PX0841 cable connectors

PX0843/A   PX0843/B

- Front Panel Mounting Connector
- PX0843/A - USB 'A' type IP68 connector
- PX0843/B - USB 'B' type IP68 connector
- Leaded with 5 way crimp connector
- Mates with PX0840 and PX0841 cable connectors

PX0848/A   PX0848/B

- Rear Panel Mounting Connector
- PX0848/A - USB 'A' type IP68 connector
- PX0848/B - USB 'B' type IP68 connector
- Opposite connector to rear of panel
- Mates with PX0840 and PX0841 cable connectors

PX0849/A   PX0849/B

- Rear Panel Mounting Connector
- PX0849/A - USB 'A' type IP68 connector
- PX0849/B - USB 'B' type IP68 connector
- Leaded with 5 way header
- Mates with PX0840 and PX0841 cable connectors

PX0845/A   PX0845/B

- Rear Panel Mounting Connector
- PX0845/A - USB 'A' type IP68 connector
- PX0845/B - USB 'B' type IP68 connector
- PCB contacts at rear
- Mates with PX0840 and PX0841 cable connectors

PCB ADAPTOR LEADS

- Standard A and B type USB connectors to 5 way, 2.54mm, crimp adaptor leads
- 5 way headers, 2.54mm pitch, horizontal or vertical mounting
- For use with PX0842 & PX0848 types

PX0852

- For use with USB Flash Drives
- Maintains IP68 rating when mated
- For use with 'A' type connectors: PX0842, PX0843, PX0845, PX0848 & PX0849
- Internal accommodation 17.5 x 14.0 x 83mm approx.

SEALING CAPS

- Sealing caps to maintain IP68 rating when connectors are not in use
- PX0835 for cable connectors PX0840 and PX0841
- PX0733 for front panel mount connectors PX0842 and PX0843
- PX0711 for rear panel mount connectors PX0848, PX0849 and PX0845

Mini USB Buccaneer

PX0444

- Single ended sealed cable assembly
- Sealed Mini 'A' to Mini 'B'
- Fully overmoulded construction
- Available in 2, 3 & 4.5m lengths
- Mates with PX0456, PX0457 & PX0458

PX0441, PX0442

- Single ended sealed cable assembly
- Sealed Mini 'B' to either Standard 'A' or Mini 'A' type
- Fully overmoulded construction
- Available in 2, 3 & 4.5m lengths
- Mates with PX0443, PX0446 & PX0447

PX0443, PX0456

- Mini 'B' type or Mini 'AB' type
- Front panel mounting connector leaded with 5 way crimp, for use with PC header or rear panel mounting connector with leaded 5 way header
- Mates with PX0441 & PX0442 type cables

PX0446, PX0457

- Mini 'B' or Mini 'AB' type
- Rear panel mounting connector leaded with 6 way header or front panel mounting connector leaded with 6 way crimp, for use with PC header
- Mates with PX0441 & PX0442 type cables

PX0447, PX0458

- Mini 'B' type or Mini 'AB' type
- Rear panel mounting connector
- PCB mounting
- Mates with PX0441 & PX0442 type cables

PX0480, PX0484 & PX0485

- Sealing caps to maintain IP68 rating of unmated connectors
- 5 way headers for use with PX0443
- PX0480 - fits PX0443
- PX0484 - fits PX0446 & PX0447
- PX0485 - fits PX0441 & PX0442

Wireless Buccaneer

PX0880

- USB Bluetooth Adapter
- Dust & waterproof to IP68
- Up to 100m range (class 1)
- Frequency 2.4GHz ISM band
- Bluetooth v1.1 & v1.2
- Standard 'A' type USB interface
- Mates with USB Buccaneer - PX0842/A, PX0843/A, PX0845/A, PX0848/A & PX0849/A

PX0885

- Dust & waterproof to IP68 EN60529 when mated
- RS485 & RS232 serial data to Bluetooth Adapter
- Wireless transparent data connection
- Self connecting for true cable replacement
- Up to 100m range (class 1)
- Built-in sealed antenna

PX0407, PX0408 & PX0409

- SMB Antenna
- Dust & waterproof to IP68 EN60529 when mated
- Built-in sealed antenna
- Frequency bands: 2.4 to 2.5GHz 440 to 470MHz 850-900/1800/1900MHz
- Mates with SMB Buccaneer PX0414

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, SEMKO and IMQ, all types are manufactured from high grade flame retardant nylon and polyester materials.

Designed primarily for 5 x 20mm and 6.3 x 32mm size fuses with protection against shock to categories PC1, PC2 and PC3. There's a choice of styles for in-line, PCB mounting and panel mounting (screw or snap fit) with terminal options for solder, 2.8mm, 4.8mm or 6.3mm tabs or PC spills.

Dust and waterproof designs provide a front of panel seal up to IP68 in both 5 x 20mm and 6.3 x 32mm size fuses.
Fuse carrier styles include captive drawer, screw cap - with screw driver release, bayonet cap - with screw driver release and screw cap - with finger release.

FX0415, FX0416
- Panel Mount
- Touchproof Category PC2
- Fuse Sizes 6.3 x 32mm (FX0415) and 6.3 x 25mm (FX0416)
- Screw Cap/Hand Release
- 13A, 250V
  16A, 250V UL

FX0415/S, FX0416/S
- Panel Mount
- Touchproof Category PC2
- Fuse Sizes 6.3 x 32mm (FX0415/S) and 6.3 x 25mm (FX0416/S)
- Screw Cap/Screwdriver Release
- 13A, 250V
  16A, 250V UL

FX0417, FX0418
- Panel Mount or Snap Fit
- Panel Sizes 1.0 & 1.5 and 2.0 & 3.0mm
- Touchproof Category PC2
- Fuse Size 6.3 x 32mm
- Screw Cap/Screwdriver Release
- 16A, 250V. 20A, 250V UL

FX0419 — IP68
- Panel Sealed to IP68
- Touchproof Category PC2
- Fuse Size 6.3 x 32mm
- Screw Cap/Screwdriver/Hand Release
- 16A, 250V
  (20A, 250V UL pending)

FX0430
- Snap Fit to Panel
- Panel Sizes 1.0, 1.5, 2.0 and 3.0mm
- Touchproof Category PC3
- Fuse Size 5 x 20mm
- Captive Drawer
- 10A, 250V
  16A, 250V UL

FX0460
- Panel Mount
- Touchproof Category PC3
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- 10A, 250V
  16A, 250V UL

FX0357, FX0359
- Panel Mount
- Touchproof Category PC2
- Fuse Size 5 x 20mm
- Bayonet Cap/Screwdriver Release
- 10A, 250V
  16A, 250V UL

FX0367, FX0369
- Snap Fit to Panel
- Panel Sizes 1.0 & 1.5 and 2.0 & 3.0mm
- Touchproof Category PC2
- Fuse Size 5 x 20mm
- Bayonet Cap/Screwdriver Release
- 10A, 250V
  16A, 250V UL

FX0454, FX0455
- Panel Mount
- Touchproof Category PC2
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- 10A, 250V
  16A, 250V UL

FX0454/S, FX0455/S
- Panel Mount
- Touchproof Category PC2
- Fuse Size 5 x 20mm
- High Profile Bezel
- Screw Cap/Screwdriver Release
- 10A, 250V
  16A, 250V UL

FX0458
- Snap Fit to Panel
- Panel Sizes 1.0 & 1.5 and 2.0 & 3.0mm
- Touchproof Category PC2
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- 10A, 250V
  16A, 250V UL

FX0354, FX0354/S
- Panel Mount
- Low & High Profile Bezels
- Touchproof Category PC2
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- 6.3A, 250V

FX0462, FX0463 — IP68
- Panel Sealed to IP68
- Touchproof Category PC2
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver/Hand Release
- 10A, 250V
  (16A, 250V UL pending)

FX0296/S, FX0296
- Panel Mount
- Category PC1
- Fuse Size 5 x 20mm
- Screw Cap/Hand Release
- 6.3A, 250V

FX0296/1
- Panel Mount
- Category PC1
- Fuse Sizes 5 x 20mm
- Screw Cap/Hand Release
- 6.3A, 250V

FX0345 — IP66
- High Profile Panel Mount
- Sealed to IP66
- Category PC1
- Fuse Sizes 5 x 20mm
- Screw Cap/Screwdriver Release
- 6.3A, 250V

FX0365 — IP66
- High Profile Panel Mount
- Sealed to IP66
- Category PC1
- Fuse Sizes 5 x 20mm
- Screw Cap/Hand Release
- Large Cap for Easy Grip
- 6.3A, 250V

FX0461
- PC Horizontal Mount
- Touchproof Category PC3
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- PC Spills
- 10A, 250V
  16A, 250V UL

FX0457, FX0456
- PC Horizontal and Vertical Mount
- Touchproof Category PC2
- Fuse Sizes 5 x 20mm
- Bayonet Cap/Screwdriver Release
- 10A, 250V

FX0330, FX0342
- PC Horizontal Mount
- Two or Three PC Spills
- Category PC1
- Fuse Sizes 5 x 20mm
- Screw Cap/Hand Release
- 6.3A, 250V

FX0442 & FX0443
- PC Vertical Mount
- Protection Category PC2
- Fuse Size 5 x 20mm
- Bayonet Cap/Screwdriver Release (FX0442)
- Bayonet cap/Hand Release (FX0443)
- PC Spills
- 10A, 250V

FX0321 & FX0267
- PC or Base Mount
- Category PC1
- Fuse Sizes 5 x 20mm
- PC Spills - FX0321
- Solder Tags - FX0267
- 6.3A, 250V

FX0326, FX0331, FX0360
- Base Mount
- Category PC1
- Fuse Sizes:
  6.3 x 32mm (FX0326)
  6.3 x 25mm (FX0331)
  5 x 20mm (FX0360)
- 13A, 250V (FX0326 & FX0331)
- 6.3A, 250V (FX0360)

FX0327
- Base Mount
- Category PC1
- Fuse Sizes 6.3 x 32mm
- 5A, 250V

FX0180, FX0280, FX0380
- In-Line
- Category PC1
- Fuse Sizes 5 x 20mm, 6.3 x 25mm and 6.3 x 32mm
- 10A, 50V (250V Inaccessible)

FX0185, FX0285, FX0385 — IP66
- In-Line
- Sealed to IP66
- Category PC1
- Fuse Sizes 5 x 20mm, 6.3 x 25mm and 6.3 x 32mm
- Screw Terminal (Solder to order)
- 10A, 50V (250V Inaccessible)

INSULATION BOOTS
- Provide Insulation from Shock on Rear of Fuseholder
- PVC
- UL94V-0 Rated Flame Retardant Material

B BULGIN

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. The combinations of mounting styles and terminations include: flange fixing, snap to panel and PCB mounting together with 2.8/solder tabs, 4.8 and 6.3 faston tabs, screw terminal and PC spill versions. Completing the range are insulating boots, retaining clips and safety covers.

In addition to the standard black moulding, most styles are also available in either white or grey and special colours to match OEM equipment can also be supplied.

PX0587 ■ IEC C13 connector ■ Straight Female Connector ■ Cable Mounting ■ Rewirable ■ Screw Terminals ■ 10A, 250V ac	**PX0587/SE** ■ IEC C13 connector ■ Side Entry Female Connector ■ Cable Mounting ■ Rewirable ■ Screw Terminals ■ 10A, 250V ac	**PX0588** ■ IEC C13 connector ■ Angled Female Connector ■ Cable Mounting ■ Rewirable ■ Screw Terminals ■ 10A, 250V ac
PX0575 ■ IEC C14 inlet ■ Snap Fit to Panel ■ Fits Panel Sizes 1, 1.5, 2.0 or 3.0mm ■ 2.8, 4.8, 6.3mm Tabs or Screw Terminals ■ 10A, 250V ac (15A, 250V ac UL & CSA)	**PX0579** ■ IEC C14 inlet ■ Vertical Flange Mount Inlet ■ 2.8, 4.8, 6.3mm Tabs or Screw Terminals ■ 10A, 250V ac (15A, 250V ac UL & CSA)	**PX0580** ■ IEC C14 inlet ■ Flange Mount Inlet ■ 2.8, 4.8, 6.3mm Tabs or Screw Terminals ■ 10A, 250V ac (15A, 250V ac UL & CSA)
PX0580/PC ■ IEC C14 inlet ■ PC Flange Rear Mount Inlet ■ With or Without Rear Cover ■ PC Spills ■ 10A, 250V ac (15A, 250V ac UL & CSA)	**PF0001** ■ IEC C14 inlet ■ Flange Mount Fused Inlet ■ Single Fuse 5 x 20mm ■ Spare Fuse Facility ■ 2.8, 4.8 or 6.3mm Tabs ■ 10A, 250V ac	**PF0011** ■ IEC C14 inlet ■ Snap Fit to Panel Fused Inlet ■ Single Fuse 5 x 20mm ■ Spare Fuse Facility ■ Panel Sizes 1, 1.5, 2.0 or 3.0mm ■ 2.8, 4.8 or 6.3mm Tabs ■ 10A, 250V ac
PF0030 ■ IEC C14 inlet ■ Flange Mount Fused Inlet ■ Twin Fused 5 x 20mm ■ 2.8, 4.8 or 6.3mm Tabs ■ 10A, 250V ac	**PX0597** ■ IEC C15 connector ■ Straight Female Connector ■ Cable Mounting ■ Hot Condition ■ Mates with PX0590 and PX0595 ■ Screw Terminals ■ 10A, 250V ac	**PX0590** ■ IEC C16 inlet ■ Flange Mount Inlet ■ Hot Condition ■ 2.8 or 6.3mm Tabs ■ 10A, 250V ac (15A, 250V ac UL & CSA)
PX0690 ■ IEC C18 inlet ■ Flange Mount Inlet ■ Two Pin Class II (No Earth Pin) ■ 2.8, 4.8, 6.3mm Tabs or Screw Terminals ■ 10A, 250V ac (15A, 250V ac UL & CSA)	**PF0006** ■ IEC C18 inlet ■ Flange Mount Fused Inlet ■ Single Fuse 5 x 20mm ■ Spare Fuse Facility ■ Two Pin Class II (No Earth Pin) ■ 2.8, 4.8 or 6.3mm Tabs ■ 10A, 250V ac	**PX0685** ■ IEC Sheet E connector ■ Angled Male Connector ■ Cable Mounting ■ Four Position Cable Entry ■ Rewirable ■ Screw Terminals ■ 10A, 250V ac
PX0686 ■ IEC Sheet E connector ■ Straight Male Connector ■ Cable Mounting ■ Rewirable ■ Screw Terminals ■ 10A, 250V ac	**PX0686/SE** ■ IEC Sheet E connector ■ Side Entry Male Connector ■ Cable Mounting ■ Rewirable ■ Screw Terminals ■ 10A, 250V ac	**PX0716** ■ Inlet/Outlet combination ■ Panel Size1.2mm ■ 4.8mm tabs ■ 10A, 250V ac (15A, 250V ac UL & CSA)
PX0718 ■ Fused Inlet/Outlet combination ■ 1-6 outlet versions ■ Panel Size 1.5mm ■ Solder tabs ■ 10A, 250V ac (15A, 250V ac UL) ■ All terminals linked	**PX0717** ■ Snap Fit to Panel ■ 1-7 outlet versions ■ Panel Size 1.5mm ■ Solder Tabs ■ 10A, 250V ac (15A, 250V ac UL) ■ All Terminals Linked	**PX0578/63** ■ Front of Panel Mount ■ 6.3mm tabs ■ 10A, 250V ac (15A, 250V ac UL)
PX0675 ■ IEC Sheet F outlet ■ Flange Mount Outlet ■ 2.8mm or 6.3mm Tabs ■ 10A, 250V ac (15A, 250V ac UL & CSA)	**PX0695** ■ IEC Sheet F outlet ■ Snap Fit to Panel Outlet ■ Panel Sizes 1, 1.5, 2.0 or 3.0mm ■ 2.8 or 6.3mm Tabs ■ 10A, 250V ac (15A, 250V ac UL & CSA)	**PX0695/PC** ■ IEC Sheet F outlet ■ PC Snap Fit to Panel Outlet ■ Panel Sizes 1, 1.5, 2.0 or 3.0mm ■ PC Spills ■ 10A, 250V ac (15A, 250V ac UL & CSA)
PX0793 ■ IEC Sheet F outlet ■ Flange Mount Outlet ■ Shuttered ■ 2.8, 4.8 or 6.3mm Tabs ■ 10A, 250V ac (15A, 250V ac UL & CSA)	**PX0793/1** ■ IEC Sheet F outlet ■ Rectangular Flange Mount Outlet ■ Shuttered ■ 2.8, 4.8 or 6.3mm Tabs ■ 10A, 250V ac (15A, 250V ac UL & CSA)	**PX0705** ■ IEC Sheet F outlet ■ Flange Mount Outlet ■ Two Pin Class II (No Earth Pin) ■ 2.8, 4.8 or 6.3mm Tabs ■ 10A, 250V ac (15A, 250V ac UL & CSA)
RETAINING CLIP KITS ■ Prevents Accidental Removal ■ Fits flanged inlets	**BLANKING COVERS** ■ Blanking covers ■ For Sheet F and Sheet J connectors ■ Protects 'unshielded' connector interfaces against accidental electric shock	**INSULATION BOOTS** ■ PVC Insulation Boots ■ For Sheet C14 (fused and unfused), Sheet F and Sheet C20 ■ Protects Rear of Connector ■ Protects Against Accidental Electric Shock

PX0599
- IEC C19 connector
- Rewirable Screw Terminals
- 12mm max. cable diameter
- 16A, 250V ac
  (20A, 250V ac UL and CSA)

PX0596
- IEC C20 inlets
- Flange mounting
- 6.3 or 4.8mm tabs
- 16A, 250V ac
  (20A, 250V ac UL and CSA)

PX0598
- IEC C20 inlets
- Snap to panel (1.0, 1.5, 2.0 or 3.0mm)
- 6.3 or 4.8mm tabs
- 16A, 250V ac
  (20A, 250V ac UL and CSA)

PX0591
- IEC Sheet J outlet
- Flange Mounting
- 6.3mm Tabs
- 16A, 250V ac
  (20A, 250V ac, UL & CSA)

PX0592
- IEC Sheet J outlet
- Snap Fit to Panel
- Panel Size 1.5mm
- 6.3mm Tabs
- 16A, 250V ac
  (20A, 250V ac, UL & CSA)

PX0593
- IEC Sheet J outlet
- Flange Mounting (front of panel)
- 6.3mm Tabs
- 16A, 250V ac
  (20A, 250V ac, UL & CSA)

B BULGIN

POLYSNAP

With over 26,000 combinations Bulgin's Polysnap mains power inlet modules offer a very adaptable and flexible solution to panel design.

Polysnap allow combinations of mains inlets and outlets, filtered inlets, switches, fuseholders, voltage selectors, indicators and circuit breakers mounted in either horizontal or vertical format bezels ready for quick snap-fit assembly. The compact design occupies the minimum of panel area and a single rectangular mounting hole, offering easy installation for this mains power entry module.

To complement Polysnap the Polyflange range offers a flange fixing alternative for designers who prefer the security of screw fixing.

All types and variations are available through Bulgin's extensive distribution network.

BZV01/Z0000/01
- Vertical Module Arrangement
- Inlet Variations with choice of tag sizes
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Fused

BZV01/Z0000/10
- Vertical Module Arrangement
- Inlet Variations with choice of tag sizes
- Double Pole Switch or Indicator Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Fused

BZV03/Z0000/02
- Vertical Module Arrangement
- Inlet Variations with choice of tag sizes
- Single Pole Switch or Neon Indicator Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Non Fused

BZV03/Z0000/C1T
- Inlet with 2.8mm or 6.3mm tags
- Single pole circuit breaker
- Illuminated (red or green) and non-illuminated rocker switch
- 125Vac and 250Vac Neons
- 6.3mm tabs on Circuit Breaker

BZV03/Z0000/07
- Vertical Module Arrangement
- Inlet Variations with choice of tag sizes
- Double Pole Switch/Fuseholder/ Indicator/Voltage Selectors/ Blanking Plate
- Filtered Inlet Option
- Options of I/O marked switches

BZV04/Z0000/04
- Vertical Module Arrangement
- Inlet Variations with choice of tag sizes
- Fuseholder/Voltage Selector/Indicator/Blanking plate options
- Filtered Inlet Option

BZV45/Z0000/02
- Outlet with 2.8mm or 6.3mm tags
- Shuttered or Non-Shuttered
- Single Pole Switch or Neon Indicator
- Options of I/O marked switches

BZV09/Z0000/04
- Vertical Module Arrangement
- Inlet Variations with choice of tag sizes
- Filtered Inlet and Blanking Plate options
- Fused

BZV49/Z0000/69
- C20 inlet with 4.8mm or 6.3mm tags
- Single Pole Switch marked I/O
- Illuminated, red or green, switches
- High inrush non-illuminated switch

BZV49/Z0000/C1U
- Inlet with 4.8mm or 6.3mm tags
- Single pole circuit breaker
- Illuminated (red or green) and non-illuminated rocker switch
- 125Vac and 250Vac Neons
- 6.3mm tabs on Circuit Breaker

BZH01/Z0000/01
- Horizontal Module Arrangement
- Inlet Variations with choice of tag sizes
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Fused

BZH01/Z0000/10
- Horizontal Module Arrangement
- Inlet Variations with choice of tag sizes
- Double Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Fused

BZH09/Z0000/01
- Horizontal Module Arrangement
- Inlet Variations with choice of tag sizes
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches

BZH11/Z0000/10
- Horizontal Module Arrangement
- Inlet Variations with choice of tag sizes
- Double Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches

BZH11/Z0000/00
- Horizontal Module Arrangement
- Inlet Variations with choice of tag sizes
- Filtered Inlet Option
- Fused

BZM27/Z0000/57B
- Minimum Combined Bezel Size
- Horizontal Module Arrangement
- Inlet Variations with choice of tag sizes
- Single and Double Pole Switch Variations
- Filtered Inlet Option

BVA01/Z0000/02
- Screw Fixing to Panel
- Vertical Module Arrangement
- Top/Bottom Fixing
- Inlet Variations with choice of tag sizes
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Fused

BVB01/Z0000/01
- Screw Fixing to Panel
- Vertical Module Arrangement
- Side Fixing
- Inlet Variations with choice of tag sizes
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Fused

BVA01/Z0000/10
- Screw Fixing to Panel
- Vertical Module Arrangement
- Top/Bottom Fixing
- Inlet Variations with choice of tag sizes
- Double Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Fused

BVB01/Z0000/11
- Screw Fixing to Panel
- Vertical Module Arrangement
- Side Fixing
- Inlet Variations with choice of tag sizes
- Double Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Fused

EMI FILTER OPTIONS
- Wide choice of EMI filter options
- Filter options for all inlet and fused inlets

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B BULGIN

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 two attenuation options –

standard and medical. Current ratings are from 1 to 10 amps with single or twin fused types also available.

The choice of mounting options will suit most

applications with flange, snap to panel or base/bulkhead.

PS00	■ Flange Mounting ■ 1, 3, 6 or 10 Amp Current Rating ■ 3 Alternative Circuits ■ Medical Version available ■ Optional Additional Components ■ 2.8 or 6.3mm tabs	**PS01** ■ Snap Fit for 1, 1.5, 2 or 3mm Panels ■ 1, 3, 6 or 10 Amp Current Rating ■ 3 Alternative Circuits ■ Medical Version available ■ Optional Additional Components ■ 2.8 or 6.3mm tabs
PS02	■ Base Mounting ■ 1, 3, 6 or 10 Amp Current Rating ■ 3 Alternative Circuits ■ Medical Version available ■ Optional Additional Components ■ 2.8 or 6.3mm tabs	**PS03** ■ Bulkhead Mounting ■ 1, 3, 6 or 10 Amp Current Rating ■ 3 Alternative Circuits ■ Medical Version available ■ Optional Additional Components ■ 2.8 or 6.3mm tabs
PS20/A	■ Flange Mounting ■ 1, 3, or 6 Amp Current Rating ■ Fused ■ 2 Alternative Circuits ■ 2.8 or 6.3mm tabs	**PS21/A** ■ Snap Fit for 1, 1.5, 2 or 3mm Panels ■ 1, 3, or 6 Amp Current Rating ■ Fused ■ 2 Alternative Circuits ■ 2.8 or 6.3mm tabs
PS22/A	■ Panel Mounting ■ 3 or 6 Amp Current Rating ■ Fused ■ High Performance ■ 2.8 or 6.3mm tabs	**PS23/A** ■ Snap Fit for 1, 1.5, 2 or 3mm Panels ■ 3 or 6 Amp Current Rating ■ Fused ■ High Performance ■ 2.8 or 6.3mm tabs
PS25	■ Flange Mounting ■ 2 or 4 Amp Current Rating ■ Twin Fused ■ Medical Version available ■ Optional Additional Components ■ 2.8 or 6.3mm tabs	**PS26** ■ Snap Fit for 1, 1.5, 2 or 3mm Panels ■ 2 or 4 Amp Current Rating ■ Twin Fused ■ Medical Version available ■ Optional Additional Components ■ 2.8 or 6.3mm tabs

DISTRIBUTION BOXES

B BULGIN

Housed in tough ABS boxes and panels these IEC EN60320 Distribution Units have combinations of four, five or six outlets together with neon indicator,

fuse and switch options. The three sizes are available in various combinations and, other than the compact version, all have shuttered outlets. The

larger enclosed versions are also available with EMI filtering.
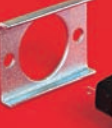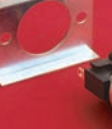
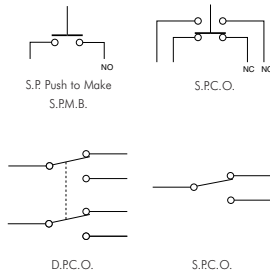|		
PXD701/061/10/1	■ IEC Distribution Box ■ Six Shuttered Outlets ■ 5 x 20mm Fuseholder ■ Filtered or Non Filtered ■ Switch, Fuse, Neon Indicator ■ IEC Inlet ■ 10A, 250V ac	**PXD500/061/10/1** ■ IEC Panel Mount Distribution Unit ■ Six Shuttered Outlets ■ 5 x 20mm Fuseholder ■ Switch, Fuse, Neon Indicator ■ Screw Fit to Panel ■ 10A, 250V ac
PXD703/061/10/1 PXD706/061/10/1	■ IEC Distribution Box ■ Six Shuttered Outlets ■ 5 x 20mm Fuseholder ■ Switch, Fuse, Neon Indicator ■ PXD703/061/10/1 - 2 Metre Cable with BS1363 Plug ■ PXD706/061/10/1 - 2 Metre Cable with CEE7 Plug ■ 10A, 250V ac	
PXD301/050/01/1	■ IEC Distribution Box ■ Five Shuttered Outlets ■ 5 x 20mm Fuseholder ■ Neon Light ■ IEC Inlet ■ 10A, 250V ac	**PXD100/050/01/1** ■ IEC Panel Mount Distribution Unit ■ Five Shuttered Outlets ■ 5 x 20mm Fuseholder ■ Neon Light ■ Screw Fit to Panel ■ 10A, 250V ac
PXD303/050/01/1 PXD306/050/01/1	■ IEC Distribution Box ■ Five Shuttered Outlets ■ 5 x 20mm Fuseholder ■ Neon Light ■ PXD303/050/01/1 - 2 Metre Cable with BS1363 Plug ■ PXD306/050/01/1 - 2 Metre Cable with CEE7 Plug ■ 10A, 250V ac	
PXD301/050/07/1	■ IEC Distribution Box ■ Five Shuttered Outlets ■ Illuminated Switch ■ Filtered or Non-Filtered Versions ■ IEC inlet ■ 10A, 250V ac	**PXD303/050/08/1** ■ IEC Distribution Box ■ Five Shuttered Outlets ■ Illuminated Switch ■ Filtered or Non-Filtered Versions ■ 2m Cable and BS1363 plug ■ 10A, 250V ac
PXD200	■ Compact style ■ Four Outlets ■ EN60320 Inlet ■ 10A, 250V ac	
PXD201	■ Compact style ■ Four Outlets ■ 2m Cable with BS1363 connector, Schuko connector (CEE7) or NEMA 5/15 connector ■ 10A, 250V ac	

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.

The front and rear panel mounted versions have three profiles – prominent, domed and low profile – with a choice of switching and IP66 & 68 front panel sealing that, combined together, meet the ergonomic, electrical and environmental demands of switch panel design. The low profile style switches are now also available with a latching, push on - push off, action.

The dot and ring LED illuminated versions can be driven from 6, 12 and 24V sources, with a variety of illumination colours and are now available with front and rear of panel sealing options.

Other switch types include conventional push-button and toggle switches.

Vandal Resistant Switches

MP0027, MPL027
- Low profile
- Stainless steel
- 28mm dia
- SPCO Microswitch, 5A 250V (momentary)
- SPMB, 2A 50V (latching)
- Mounting hole dia, 26mm

MP0027/2
- Prominent button
- Stainless steel
- 28mm dia
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 26mm

MP0027/3
- Domed Profile
- Stainless steel
- 28mm dia
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 26mm

MP0038, MPL038 — IP66
- Low profile
- Stainless steel
- 28mm dia
- SPCO Microswitch, 5A 250V (momentary)
- SPMB, 2A 50V (latching)
- Mounting hole dia, 26mm
- Front panel sealed to IP66

MP0038/2 — IP66
- Prominent button
- Stainless steel
- 28mm dia
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 26mm
- Front panel sealed to IP66

MP0038/3 — IP66
- Domed Profile
- Stainless steel
- 28mm dia
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 26mm
- Front panel sealed to IP66

MP0025, MPL025
- Flush with panel
- Rear panel fixing
- 23mm dia
- Stainless steel
- SPCO Microswitch, 5A 250V (momentary)
- SPMB, 2A 50V (latching)
- Mounting hole dia, 23mm

MP0025/2
- Prominent button
- Rear panel fixing
- 23mm dia
- Stainless steel
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 23mm

MP0025/3
- Domed Profile
- Rear panel fixing
- 23mm dia
- Stainless steel
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 23mm

MP0034, MPL034
- Flush with panel
- Rear panel fixing
- 19mm dia
- Stainless steel
- SPCO Microswitch, 5A 250V (momentary)
- SPMB, 2A 50V (latching)
- Mounting hole dia, 19mm

MP0034/2
- Prominent button
- Rear panel fixing
- 19mm dia
- Stainless steel
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 19mm

MP0034/3
- Domed Profile
- Rear panel fixing
- 19mm dia
- Stainless steel
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 19mm

MP0031, MPL031 — IP66
- Low profile
- Stainless steel
- 22mm dia
- SPCO Microswitch, 5A 250V (momentary)
- SPMB, 2A 50V (latching)
- Mounting hole dia, 19mm
- Front panel sealed to IP66

MP0031/2 — IP66
- Prominent button
- Stainless steel
- 22mm dia
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 19mm
- Front panel sealed to IP66

MP0031/3 — IP66
- Domed Profile
- Stainless steel
- 22mm dia
- SPCO Microswitch, 5A 250V
- Mounting hole dia, 19mm
- Front panel sealed to IP66

MP0037 — IP68
- Low profile
- Stainless steel
- 22mm dia
- SP push to make switch, 1A 50V, screw terminals
- Mounting hole dia, 19mm
- Front panel sealed to IP68

MP0037/2 — IP68
- Prominent button
- Low profile
- Stainless steel
- 22mm dia
- SP push to make switch, 1A 50V, screw terminals
- Mounting hole dia, 19mm
- Front panel sealed to IP68

MP0037/3 — IP68
- Domed Profile
- Low profile
- Stainless steel
- 22mm dia
- SP push to make switch, 1A 50V, screw terminals
- Mounting hole dia, 19mm
- Front panel sealed to IP68

MP0013, MP0033
- Proud fitting
- Stainless steel
- 22mm dia
- SP Push to make switch 1A 50V, screw terminals
- Mounting hole dia, 19mm
- MP0033 internally sealed

MP0013/2, MP0033/2
- Proud fitting
- Prominent button
- Stainless steel
- 22mm dia
- SP Push to make switch 1A 50V, screw terminals
- Mounting hole dia, 19mm
- MP0033/2 internally sealed

Switch Contact Operation

S.P. Push to Make S.P.M.B.

S.PC.O. — NC NO

D.PC.O.

S.PC.O.

MP0050 — IP68
- Low profile or prominent button
- Stainless steel
- 32mm dia
- SP Push to make
- 5A, 250Vac
- Mounting hole dia, 27.7mm
- Front panel sealed to IP68

MPD031 — IP66
- Low profile
- Stainless steel
- 22mm dia
- D.P.C.O. Microswitch
- 3A, 125V ac
- Mounting hole dia, 19mm
- Front panel sealed to IP66

Illuminated Versions

MPI001 — IP66
- Dot illumination
- Screw terminals or 2.8mm tabs
- Front panel sealed to IP66
- Red, Green, Amber, Blue, White, Red/Green, Red/Blue & Blue/Green LED's
- 2, 6, 12 & 24V illumination
- 22mm dia
- SP push to make

MPI002 — IP66
- Ring illumination
- Screw terminals or 2.8mm tabs
- Front panel sealed to IP66
- Red, Green, Amber, Blue, White, Red/Green, Red/Blue & Blue/Green LED's
- 2, 6, 12 & 24V illumination
- 22mm dia
- SP push to make

MPI002/FL/XX/X — IP66
- Dot or ring illumination
- Flying lead or solder tag termination
- 22mm diameter
- Front and rear panel seal to IP66
- 2, 6, 12 & 24V illumination
- Red, Green, Amber, Blue and White illumination
- Single pole push to make

INDICATORS

This range of panel mounting LED indicators consists of many different bezel styles, types of LED's 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.
The vandal resistant LED indicators are designed to complement the vandal resistant switches, they have

similar profiles with stainless steel bodies, sealing to IP67 and are built to withstand harsh environments.

DX0505 & DX0507	■ Proud of Panel Profile ■ Solder Tag/2.8mm Tag or Flying Lead Termination ■ Sealed to IP67 ■ Red, Green, Yellow, Blue or White LED Options ■ Wide Viewing Angle ■ Vandal Resistant **IP67**
DX0506 & DX0508	■ Flush Panel Profile ■ Solder Tag/2.8mm Tag or Flying Lead Termination ■ Sealed to IP67 ■ Red, Green, Yellow, Blue or White LED Options ■ Wide Viewing Angle ■ Vandal Resistant **IP67**
DX0998 DX0999	■ 5mm LED Indicators ■ Chrome Plated Brass Bezel ■ Prominent or Recessed Style ■ Choice of LED Types and Colours
DX1120 DX1121	■ 5mm LED Indicators ■ Glass Filled Nylon Bezel ■ Prominent or Recessed Style ■ Choice of LED Types and Colours
DX1090 DX1092	■ 5mm LED Indicators ■ Aluminium Bezel, Black Anodised Finish ■ IP66 Front Panel Sealed ■ Prominent or Recessed Style ■ Choice of LED Types and Colours **IP66**
DX1091 DX1093	■ 5mm LED Indicators ■ Aluminium Bezel, Clear Anodised Finish ■ IP66 Front Panel Sealed ■ Prominent or Recessed Style ■ Choice of LED Types and Colours **IP66**
DX1116 DX1118	■ 4mm LED Indicators ■ Chrome Plated Brass Bezel ■ Prominent or Recessed Style ■ Choice of LED Types and Colours
DX1117 DX1119	■ 4mm LED Indicators ■ Black Nickel Plated Brass Bezel ■ Prominent or Recessed Style ■ Choice of LED Types and Colours

GENERAL PURPOSE

This long established series of connectors still find many uses where small, but lower current connections are needed. The range consists of

circular and rectangular styles with 3, 4, 6 and 8 poles, in a choice of configurations, with current ratings up to 6 Amps. The 8 pole round has become

the standard connector for the disco and lighting industry and is available in cable and chassis mounting versions.

PX0551	■ Flex Mount Male Circular Connector ■ 8 Poles ■ Mates with PX0552, PX0552/PC, PX0956/S and PX0957/S ■ Screw Terminals ■ 6A, 250V ac (per Pin)
PX0552	■ Panel Mount Female Circular Outlet ■ 8 Poles ■ Mates with PX0551 ■ 4.8mm Tabs ■ 6A, 250V ac (per Pin)
PX0552/PC	■ PC Panel Mount Female Circular Outlet ■ 8 Poles ■ Mates with PX0551 ■ PC Spills ■ 6A, 250V ac (per Pin)
PX0956/S	■ Flex Mount Female Circular Connector ■ 8 Poles ■ Mates with PX0551, PX0959/P and PX0959/P/PC ■ Screw/Solder Terminals ■ 6A, 250V ac (per Pin)
PX0957/S	■ Panel Mount Female Circular Outlet ■ 8 Poles ■ Mates with PX0551 ■ 4.8mm Tabs ■ 6A, 250V ac (per Pin)
PX0959/P, PX0959/P/PC	■ Panel Mount Male Circular Inlet ■ 8 Poles ■ Mates with PX0956/S ■ Solder bucket or PC spills ■ 6A, 250V ac (per Pin)
PX0429	■ Circular Inlet ■ 2 Pole + Earth ■ Mates with PX0430/SE and PX0646 ■ Key Way to Ensure Correct Polarity ■ Solder Tags ■ 3A, 250V ac
PX0430/SE	■ Cable Connector ■ 2 Pole + Earth ■ Mates with PX0429 ■ Key Way to Ensure Correct Polarity ■ Solder Tags ■ 3A, 250V ac
PX0646	■ Circular Connector ■ 2 Pole + Earth ■ Mates with PX0429 ■ Key Way to Ensure Correct Polarity ■ Solder Tags ■ 3A, 250V ac
PX0635	■ Circular Male Inlet ■ 6 Pole ■ Mates with PX0636 ■ Key Way to Ensure Correct Polarity ■ Solder Buckets ■ 3A, 50V ac
PX0636	■ Circular Female Connector ■ 6 Pole ■ Mates with PX0635 ■ Key Way to Ensure Correct Polarity ■ Solder Tags ■ 3A, 50V ac
SA2403 (3 POLE) SA2367 (4 POLE)	■ Cable Male Connector ■ Mates with SA2404 (3 pole) and SA2368 (4 pole) ■ Key Way to Ensure Correct Polarity ■ Screw Terminals ■ 3A, 250V ac
SA2404 (3 POLE) SA2368 (4 POLE)	■ Circular Female Outlet ■ Mates with SA2403 (3 pole) and SA2367 (4 pole) ■ Key Way to Ensure Correct Polarity ■ Solder Buckets ■ 3A, 250V ac
PX0649	■ Circular Male Connector ■ 2 Pole + Earth ■ Mates with PX0650 ■ Solder Buckets ■ 3A, 250V ac
PX0650	■ Circular Female Outlet ■ 2 Pole + Earth ■ Mates with PX0649 ■ Solder Tags ■ 3A, 250V ac

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.
There's a choice of fixing styles including screw and flange panel fixing, PCB and base mounting versions.
The panel mounting versions are now available in two styles; standard fixing and front panel sealed to IP67, extending the applications into harsher external environments where dust or water would inhibit equipment operation.

The open frame styles are designed to be either PCB or base mounted and most have an interlocking facility to join adjacent holders together.
Principle applications include portable equipment and memory back-up.
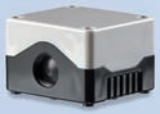
■ Battery size AA (R6) **IP67** ■ 1, 2 or 3 Cells ■ Flanged Panel Mount ■ Bayonet with finger/coin slot release ■ Front Panel Sealed to IP67 **BXS011/1**	■ Battery size C (R14) **IP67** ■ 1, 2 or 3 Cells ■ Panel Mount ■ Screw cap/hand release ■ Front Panel Sealed to IP67 **BXS001/1**	■ Battery size D (R20) **IP67** ■ 1, 2 or 3 Cells ■ Flanged Panel Mount ■ Bayonet/finger release ■ Front Panel Sealed to IP67 **BXS016**
■ Battery size AA (R6) ■ 1, 2 or 3 Cells ■ Panel Mount ■ Bayonet/Screwdriver release **BX0011/1**	■ Battery size C (R14) ■ 1, 2 or 3 Cells ■ Panel Mount ■ Screw Cap/Hand release **BX0001/1**	■ Battery size D (R20) ■ 1, 2 or 3 Cells ■ Flanged Panel Mount ■ Bayonet/Screwdriver release **BX0016**
■ Battery size AA (R6) ■ 4 Cells ■ Flanged Panel Mount ■ Drawer function **BX0027**	■ Battery size PP3 (6R61) ■ 1 Cell ■ Flanged Panel Mount ■ Drawer function **BX0023**	■ Battery size PP3 (6R61) ■ 2 Cells ■ Flanged Panel Mount ■ Drawer function **BX0026**
■ Battery size AAA (R03) ■ 1 Cell ■ PC/Base Mount ■ Open style **BX0034**	■ Battery size AA (R6) ■ 1 Cell ■ PC/Base Mount ■ Open style **BX0035**	■ Battery size C (R14) ■ 1 Cell ■ PC/Base Mount ■ Open style **BX0036**
■ Battery size D (R20) ■ 1 Cell ■ PC/Base Mount ■ Open style **BX0037**	■ Battery size PP3 (6R61) ■ 1 Cell ■ PC/Base Mount ■ Open style **BX0033**	■ Battery size CR123 ■ 1 Cell ■ PC/Base Mount ■ Open style **BX0123**

B BULGIN

IP67 ENCLOSURES

A range of IP67 rated enclosures designed for electronics and control station applications. Manufactured in UL94V-0 rated polycarbonate and UL94-HB rated ABS. The three sizes are suitable for mounting one, two or three 22mm components and can be supplied with or without mounting holes. The enclosures are available in black and grey as standard with the option of yellow and transparent lids. Each enclosure also has two M20 pre-formed knock-outs that can be used with the standard cable glands. Other accessories include a combination mounting foot for use on TS32 & TS35 DIN rail and separate mounting brackets for wall mounting.

■ Option for 1 x 22mm hole in lid ■ 80 x 72 x 53mm ■ 2 threaded knock-outs suitable for M20 glands ■ ABS or Flame Retardant Polycarbonate ■ Grey or black base ■ Transparent, smoked grey, black, grey or yellow lid **SIZE 1 ENCLOSURE**	■ Option for 2 x 22mm hole in lid ■ 80 x 106 x 53mm ■ 2 threaded knock-outs suitable for M20 glands ■ ABS or Flame Retardant Polycarbonate ■ Grey or black base ■ Transparent, smoked grey, black, grey or yellow lid **SIZE 2 ENCLOSURE**	■ Option for 3 x 22mm hole in lid ■ 80 x 159 x 53mm ■ 2 threaded knock-outs suitable for M20 glands ■ ABS or Flame Retardant Polycarbonate ■ Grey or black base ■ Transparent, smoked grey, black, grey or yellow lid **SIZE 3 ENCLOSURE**
■ Combifoot rail mounting accessory to fit TS32 & TS35 DIN rail ■ Snap fixing **ACCESSORIES**	■ Wall mounting bracket ■ Snap fixing **ACCESSORIES**	■ Cable glands ■ M20 thread ■ Cable range - 3.5 to 8mm ■ Available in black or grey **ACCESSORIES**

IP68 BUCCANEER CONNECTORS

900 Series
EXPlora
Standard
Mini
400 Series
SMB
Ethernet
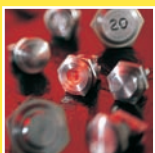FireWire
USB
Mini USB
Wireless

FUSEHOLDERS

IEC CONNECTORS

Inlet and Outlet Connectors
Polysnap
Mains Filters
Distribution Boxes

SWITCHES

INDICATORS

GENERAL PURPOSE CONNECTORS

BATTERY HOLDERS

ENCLOSURES