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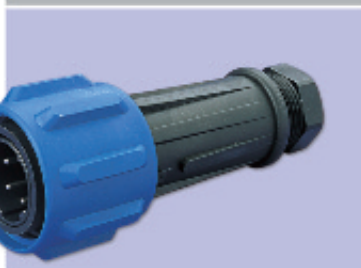
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**bulgin**

a brand of Elektron Technology



# Shortform Catalogue 2013



A full range of dust and waterproof circular connectors with ratings from IP66, IP68 to IP69K designed to provide safe and secure connections in harsh or hostile conditions. Including the EXPLORA ATEX Zone 2 approved Hazardous Area range of connectors. The Power Buccaneer range consists of the miniature 400 Series, Mini, Standard, 900 series and the new 6000 series Buccaneer.

The 6000 series has a unique push-pull latching mechanism with locking facility and is available in both metal and plastic body versions. 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 Data Buccaneer range includes designs for Ethernet, USB, Mini USB, SMB interfaces. Ethernet Buccaneer meets Cat 5e requirements for data rates up to 100Mbps, USB and Mini USB Buccaneer meets USB version 2.0 specification for data rates up to 480Mbps, SMB Buccaneer has a frequency response up to 4GHz, and for wireless applications there's the SMB waterproof antenna. The Buccaneer range provides the answer to many 'real-world' design problems.







## 6000 Series Buccaneer - Power






 <p><b>PXP6010</b></p> <ul style="list-style-type: none"> <li>Plastic version</li> <li>Push/pull coupling</li> <li>Flex Cable Connector</li> <li>Mates with all other body styles</li> <li>2, 3, 8, 16 &amp; 22 pole</li> <li>Plug or Socket</li> <li>16A, 277 V (max)</li> <li>4-10mm cable acceptance</li> <li>Overall diameter 32mm</li> <li>CSA, UL, VDE approvals pending</li> </ul>	 <p><b>PXP6011</b></p> <ul style="list-style-type: none"> <li>Plastic version</li> <li>Push/pull coupling</li> <li>In-line Flex Cable Connector</li> <li>Mates with PXP6010 &amp; PXM6010</li> <li>2, 3, 8, 16 &amp; 22 pole</li> <li>Plug or Socket</li> <li>16A, 277 V (max)</li> <li>4-10mm cable acceptance</li> <li>Overall diameter 32mm</li> <li>CSA, UL, VDE approvals pending</li> </ul>	 <p><b>PXP6012</b></p> <ul style="list-style-type: none"> <li>Plastic version</li> <li>Push/pull coupling</li> <li>Panel mount Connector</li> <li>Mates with PXP6010 &amp; PXM6010</li> <li>2, 3, 8, 16 &amp; 22 pole</li> <li>Plug or Socket</li> <li>16A, 277 V (max)</li> <li>4-10mm cable acceptance</li> <li>Overall diameter 32mm</li> <li>CSA, UL, VDE approvals pending</li> </ul>
 <p><b>PXM6010</b></p> <ul style="list-style-type: none"> <li>Metal version</li> <li>Push/pull coupling</li> <li>Flex Cable Connector</li> <li>Mates with all other body styles</li> <li>2, 3, 8, 16 &amp; 22 pole</li> <li>Plug or Socket</li> <li>16A, 277 V (max)</li> <li>4-10mm cable acceptance</li> <li>Overall diameter 32mm</li> <li>CSA, UL, VDE approvals pending</li> </ul>	 <p><b>PXM6011</b></p> <ul style="list-style-type: none"> <li>Metal version</li> <li>Push/pull coupling</li> <li>In-line Flex Cable Connector</li> <li>Mates with PXP6010 &amp; PXM6010</li> <li>2, 3, 8, 16 &amp; 22 pole</li> <li>Plug or Socket</li> <li>16A, 277 V (max)</li> <li>4-10mm cable acceptance</li> <li>Overall diameter 32mm</li> <li>CSA, UL, VDE approvals pending</li> </ul>	 <p><b>PXM6012</b></p> <ul style="list-style-type: none"> <li>Metal version</li> <li>Push/pull coupling</li> <li>Panel mount Connector</li> <li>Mates with PXP6010 &amp; PXM6010</li> <li>2, 3, 8, 16 &amp; 22 pole</li> <li>Plug or Socket</li> <li>16A, 277 V (max)</li> <li>4-10mm cable acceptance</li> <li>Overall diameter 32mm</li> <li>CSA, UL, VDE approvals pending</li> </ul>

## 6000 Series Buccaneer - Ethernet






 <p><b>PXP6034</b></p> <ul style="list-style-type: none"> <li>Plastic version</li> <li>Push/pull coupling</li> <li>Re-wireable flex Cable Connector</li> <li>Mates with panel mounting connectors (PXP6033TP)</li> <li>Two versions: for PE and PUR jacket cable</li> <li>Supplied with shielded RJ45</li> <li>UL approvals pending</li> </ul>	 <p><b>PXP6033TP</b></p> <ul style="list-style-type: none"> <li>Plastic version</li> <li>Push/pull coupling</li> <li>Front Panel Mounting Connector</li> <li>Sealed through panel</li> <li>Mates with PXP6037, PXP6038, PXP6034 flex connectors</li> <li>Cat 5e shielded coupler</li> <li>Standard patchcord can be plugged into rear</li> <li>Version with earth wire available</li> <li>UL approvals pending</li> </ul>	 <p><b>PXP6037</b></p> <ul style="list-style-type: none"> <li>Plastic version</li> <li>Push/pull coupling</li> <li>Overmoulded construction</li> <li>Mates with panel mounting connectors (PXP6033TP)</li> <li>Single or double ended</li> <li>Standard lengths: 2m, 3m &amp; 5m</li> <li>PUR jacket cable</li> <li>S-FTP cable construction</li> <li>Exceeds EIA/TIA Cat 5e</li> <li>UL approvals pending</li> </ul>
 <p><b>PXM6034</b></p> <ul style="list-style-type: none"> <li>Metal version</li> <li>Push/pull coupling</li> <li>Re-wireable flex Cable Connector</li> <li>Mates with panel mounting connectors (PXP6033TP)</li> <li>Two versions: for PE and PUR jacket cable</li> <li>Supplied with shielded RJ45</li> <li>UL approvals pending</li> </ul>	 <p><b>PXM6033TP</b></p> <ul style="list-style-type: none"> <li>Metal version</li> <li>Push/pull coupling</li> <li>Front Panel Mounting Connector</li> <li>Sealed through panel</li> <li>Mates with PXP6037, PXP6038, PXP6034 flex connectors</li> <li>Cat 5e shielded coupler</li> <li>Standard patchcord can be plugged into rear</li> <li>Version with earth wire available</li> <li>UL approvals pending</li> </ul>	 <p><b>ACCESSORIES</b></p> <ul style="list-style-type: none"> <li>Metal &amp; Plastic versions</li> <li>Push/pull coupling</li> <li>Sealing caps</li> <li>For flex connectors</li> <li>For panel mounting connectors</li> <li>Maintain sealing integrity</li> <li>UL approvals pending</li> </ul>

## 6000 Series Buccaneer - USB

 <p><b>PXP6040 / 41</b></p> <ul style="list-style-type: none"> <li>Plastic version</li> <li>Push/pull coupling</li> <li>Single and double ended sealed cable assembly</li> <li>'A' type and 'B' type USB connector interfaces</li> <li>Mates with all panel mounting styles</li> <li>Available in 2m, 3m and 5m lengths</li> </ul>	 <p><b>PXP6042</b></p> <ul style="list-style-type: none"> <li>Plastic version</li> <li>Push/pull coupling</li> <li>Front Panel Mounting Connector</li> <li>PX06042/A - USB 'A' type sealed connector</li> <li>PX06042/B - USB 'B' type sealed connector</li> <li>Opposite connector to rear of panel</li> <li>Mates with PXP6040 and PXP6041 cable connectors</li> </ul>	 <p><b>PXP6043</b></p> <ul style="list-style-type: none"> <li>Plastic version</li> <li>Push/pull coupling</li> <li>Front Panel Mounting Connector</li> <li>PX6043/A - USB 'A' type sealed connector</li> <li>PX06043/B - USB 'B' type sealed connector</li> <li>Leaded with 5 way crimp connector</li> <li>Mates with PXP6040 and PXP6041 cable connectors</li> </ul>
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## EXPLORA ATEX Zone 2 Certified



 <p><b>EXP-0911</b></p> <ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>ATEX Zone 2 Certified</li> <li>Mates with EXP-0921, EXP-A921, EXP-0931 &amp; EXP-0941</li> <li>Plug or socket versions</li> <li>7-13mm dia cable acceptance - EXP-0</li> <li>14-22mm dia cable acceptance - EXP-A</li> <li>Strain Relief Clamp - EXP-A series</li> <li>Up to 18A, 600V ac/dc rating</li> <li>2, 3, 4, 5, 7 and 10 pole</li> </ul>	 <p><b>EXP-A921</b></p> <ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>ATEX Zone 2 Certified</li> <li>Mates with EXP-0911, EXP-A911</li> <li>Plug or socket versions</li> <li>7-13mm dia cable acceptance - EXP-0</li> <li>14-22mm dia cable acceptance - EXP-A</li> <li>Strain Relief Clamp - EXP-A series</li> <li>Up to 18A, 600V ac/dc rating</li> <li>2, 3, 4, 5, 7 and 10 pole</li> </ul>	 <p><b>EXP-0931</b></p> <ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>ATEX Zone 2 Certified</li> <li>Panel mount connector</li> <li>Mates with EXP-0911, EXP-A911</li> <li>Plug or socket versions</li> <li>Up to 18A, 600V ac/dc rating</li> <li>2, 3, 4, 5, 7 and 10 pole</li> </ul>
 <p><b>EXP-0941</b></p> <ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>ATEX Zone 2 Certified</li> <li>Flange mount connector</li> <li>Mates with EXP-0911, EXP-A911</li> <li>Plug or socket versions</li> <li>Up to 18A, 600V ac/dc rating</li> <li>2, 3, 4, 5, 7 and 10 pole</li> </ul>	 <p><b>SEALING CAPS</b></p> <ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>Heavy duty sealing caps to maintain IP68 rating of unmated connectors, with stainless steel straps</li> </ul>	


## 900 Series Buccaneer



 <b>PX0911</b>	<ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>Flex Cable Connector</li> <li>Mates with all other styles</li> <li>2, 3, 4, 5, 7 &amp; 10 pole</li> <li>Plug or Socket</li> <li>32A, 600V (7 pole 430V)</li> <li>7-15mm cable acceptance</li> <li>Overall diameter 58mm</li> </ul> 	 <b>PXA911</b>	<ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>Flex Cable Connector</li> <li>Mates with all other styles</li> <li>2, 3, 4, 5, 7 &amp; 10 pole</li> <li>Plug or Socket</li> <li>32A, 600V (7 pole 430V)</li> <li>14-22mm cable acceptance</li> <li>Strain relief clamp</li> </ul> 	 <b>PX0931</b>	<ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>Panel Mount Connector</li> <li>Anti-rotation key</li> <li>2, 3, 4, 5, 7 &amp; 10 pole</li> <li>Mates with PX0911 &amp; PXA911</li> <li>Plug or Socket</li> <li>32A, 600V (7 pole 430V)</li> <li>3-7mm panel thickness</li> </ul> 
 <b>PX0921</b>	<ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>In-Line Flex Cable Connector</li> <li>Mates with PX0911 &amp; PXA911</li> <li>2, 3, 4, 5, 7 &amp; 10 pole</li> <li>Plug or Socket</li> <li>32A, 600V (7 pole 430V)</li> <li>7-15mm cable acceptance</li> </ul> 	 <b>PXA921</b>	<ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>In-Line Flex Cable Connector</li> <li>Mates with PX0911 &amp; PXA911</li> <li>2, 3, 4, 5, 7 &amp; 10 pole</li> <li>Plug or Socket</li> <li>32A, 600V (7 pole 430V)</li> <li>14-22mm cable acceptance</li> <li>Strain relief clamp</li> </ul> 	 <b>PX0941</b>	<ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>Flange Mount Connector</li> <li>2, 3, 4, 5, 7 &amp; 10 pole</li> <li>Mates with PX0911 &amp; PXA911</li> <li>Plug or Socket</li> <li>32A, 600V (7 pole 430V)</li> <li>6.2mm dia mounting holes</li> </ul> 
 <b>PX0950</b>	<ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>Additional Bulkhead Adaptor</li> <li>For use with PX0941 to give a 45° or 90° angle</li> <li>6.2mm dia mounting holes</li> </ul>	 <b>PX0960, PX0970</b>	<ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>Sealing caps to maintain IP68 rating of unmated connectors</li> <li>PX0960 used for PX0911 &amp; PXA911</li> <li>PX0970 used for all other styles</li> </ul>	 <b>PX0990, PX0991, PX0992</b>	<ul style="list-style-type: none"> <li>Tri-start thread coupling</li> <li>Sealing caps to maintain IP68 rating of unmated connectors</li> <li>PX0990 Heavy duty sealing cap for use with PX0911 and PXA911</li> <li>PX0991 Heavy duty sealing cap for use with PX0921 and PXA921</li> <li>PX0992 Heavy duty sealing cap for use with PX0931 and PX0941</li> </ul>














## Standard Buccaneer



 <b>FLEX CABLE CONNECTOR</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Flex Cable Connector</li> <li>Mates with in-line flex connector and all panel connectors</li> <li>Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC</li> <li>Plug or Socket</li> <li>1-12 Amp, 50-250V ac/dc</li> <li>3.5-9mm cable acceptance</li> <li>Overall diameter 38mm</li> </ul> 	 <b>OVERMOULDED CONNECTORS</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Overmoulded cable assemblies</li> <li>Up to 14mm dia cable with PVC or PU jackets</li> <li>PX0700 flex cable connector</li> <li>Mates with in-line flex connector and all panel connectors</li> </ul>	 <b>IN-LINE FLEX CABLE CONNECTOR</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>In-Line Flex Mounting Connector</li> <li>Mates with Flex Mounting Connector</li> <li>Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC</li> <li>Plug or Socket</li> <li>1-12 Amp, 50-250V ac/dc</li> <li>3.5-9mm cable acceptance</li> </ul> 
 <b>PANEL CONNECTOR</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Front Panel Mounting Connector</li> <li>Mates with Flex Cable Connector</li> <li>Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC</li> <li>Plug or Socket</li> <li>1-12 Amp, 50-250V ac/dc</li> </ul> 	 <b>REAR PANEL MOUNT CONNECTOR</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Rear of Panel Mounting Connector</li> <li>PC Spills or screw terminals</li> <li>Mates with Flex Cable Connector</li> <li>Poles 2, 3, 6, 9, 12, 25</li> <li>Plug or Socket</li> <li>1-12 Amp, 50-250V ac/dc</li> </ul>  (pending)	 <b>LOW PROFILE FLANGE MOUNTING</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Low Profile Flange Mounting Connector</li> <li>Mates with Flex Cable Connector</li> <li>Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC</li> <li>Plug or Socket</li> <li>1-12 Amp, 50-250V ac/dc</li> </ul> 
 <b>BULKHEAD/SURFACE MOUNTING</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Bulkhead/Surface Mounting Connector</li> <li>Mates with Flex Cable Connector</li> <li>Poles 2, 3, 4, 6, 7, 9, 12, 25 or BNC</li> <li>Plug or Socket</li> <li>1-12 Amp, 50-250V ac/dc</li> </ul> 	 <b>SEALING CAPS</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Sealing caps to maintain IP68 rating of unmated connectors</li> <li>PX0734 fits Flex Mounting Connector</li> <li>PX0733 fits In-Line Flex, Front Panel Mount, Flange Mount and Bulkhead connectors</li> <li>PX0711 for PCB and Rear Panel Mount connectors</li> </ul>	 <b>INLINE CONNECTOR</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>IP68 Rated In-Line Connector</li> <li>Standard Cable Acceptance 6-8mm</li> <li>Cable Range 3.5-9mm (using alternative glands)</li> <li>Supplied with 3 way Terminal Block</li> <li>Available Moulded in Black or Orange</li> <li>Also available with Ethernet RJ45 connections</li> </ul>

## Mini Buccaneer












 <b>PX0800 - shown with insert</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Flex Cable Connector</li> <li>Mates with Flex In-Line or Panel Mounting versions</li> <li>Suitable for Pin, Socket or BNC inserts</li> <li>Cable acceptance 3.5-9mm (Standard 5-7mm)</li> <li>Overall diameter 26mm</li> </ul> 	 <b>PX0802 - shown with insert</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Panel Mounting Connector</li> <li>Mates with PX0800</li> <li>Single hole fixing</li> <li>Suitable for Pin, Socket or BNC inserts</li> </ul> 	 <b>PX0805 - shown with insert</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Panel Mounting Connectors</li> <li>Mates with PX0800</li> <li>Suitable for Pin, Socket or BNC inserts</li> <li>PX0804 as PX0805 but without sealing cap retaining clip</li> </ul> 
 <b>PX0801 - shown with insert</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>In-Line Flex Cable Connector</li> <li>Mates with PX0800</li> <li>Suitable for Pin, Socket or BNC inserts</li> <li>Cable acceptance 3.5-9mm (Standard 5-7mm)</li> </ul> 	 <b>PX0803 - shown with insert</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Panel Mounting Connector</li> <li>Mates with PX0800</li> <li>Right angle cable entry</li> <li>Suitable for Pin, Socket inserts</li> </ul> 	 <b>SEALING CAPS</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Sealing caps to maintain IP68 rating of unmated connectors</li> <li>PX0811 fits Flex Mounting Connector, PX0810 fits all other body styles</li> </ul>
 <b>SCREW TERMINAL INSERTS</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>2, 3, 4 and 6 poles</li> <li>3-10A, 250V ac</li> <li>Fits all body styles</li> <li>Leading earth pin on 3, 4 and 6 pole inserts</li> </ul>	 <b>SOLDER/CRIMP INSERTS</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>For solder or crimp contacts</li> <li>5A, 380V ac</li> <li>3 or 8 pin</li> <li>Fits all body styles</li> </ul>		







## 400 Series Buccaneer



 <b>PX0410/P PX0410/S</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Flex Cable Connector</li> <li>Mates with PX0401, PX0411, PX0412 and PX0413</li> <li>2, 3, 4, 6, 8, 10 and 12 pole</li> <li>Pin or Socket inserts</li> <li>1-8A, 50-250V ac/dc</li> <li>Cable acceptance 3-7mm</li> <li>Overall diameter 19mm</li> </ul> 	 <b>PX0411/P PX0411/S</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>In-line Flex Cable Connector</li> <li>Mates with PX0410 &amp; PX0400</li> <li>2, 3, 4, 6, 8, 10 and 12 pole</li> <li>Pin or Socket inserts</li> <li>1-8A, 50-250V ac/dc</li> <li>Cable acceptance 3-7mm</li> <li>Overall diameter 19mm</li> </ul> 	 <b>PX0401, PX0400</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Overmoulded cable assemblies</li> <li>Up to 9mm dia cable with PVC or PU jackets</li> <li>PX0400: Flex cable connector, mates with in-line flex connectors</li> <li>PX0401: In-line flex cable connector, mates with in-line flex connectors and all panel connectors</li> </ul>
 <b>PX0412/P PX0412/S</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Front Panel Mounting Connector</li> <li>Mates with PX0410</li> <li>2, 3, 4, 6, 8, 10 and 12 pole</li> <li>Pin or Socket inserts</li> <li>1-8A, 50-250V ac/dc</li> <li>Single hole fixing - 16.1mm dia. D</li> <li>Crimp or solder contacts - supplied separately</li> </ul> 	 <b>PX0413</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Mates with Flex Cable connector PX0410</li> <li>Rear Panel mounting</li> <li>Single hole fixing - 19.1mm dia. D</li> <li>2, 3, 4, 6, 8, 10 or 12 pole</li> <li>PX0413: Crimp or solder contacts - supplied separately</li> <li>PX0413/PC: straight PC spills, pre-loaded gold plated contacts</li> </ul>	 <b>PX0480, PX0480/1, PX0481, PX0484</b>	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Sealing caps to maintain IP68 rating of unmated connectors</li> <li>PX0480/1 - fits PX0411 style</li> <li>PX0480 - fits PX0412 style</li> <li>PX0481 - fits PX0410 style</li> <li>PX0484 - fits PX0413 styles</li> </ul>







## SMB Buccaneer



 <b>PX0415</b>	 <b>PX0414</b>	 <b>SEALING CAPS</b>	 <b>PX0407, PX0408 &amp; PX0409</b>
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## Mini USB Buccaneer



 <b>PX0444</b>	 <b>PX0441, PX0442</b>	 <b>PX0443, PX0445</b>	 <b>PX0446, PX0457</b>
 <b>PX0447, PX0458</b>	 <b>PX0480, PX0484 &amp; PX0485</b>		

## Ethernet Buccaneer



 <b>PX0836, PX0837, PX0838</b>	 <b>PX0834</b>	 <b>PX0833</b>	 <b>PX0839/PC</b>
 <b>PX0839/IDC</b>	 <b>PX0870</b>		
 <b>SEALING CAPS</b>			

## USB Buccaneer®



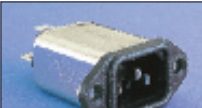
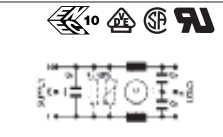

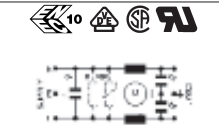

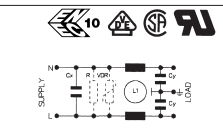

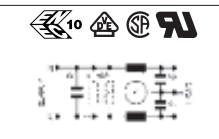

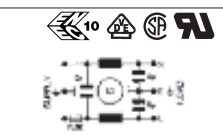

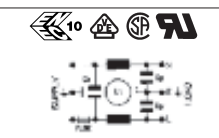

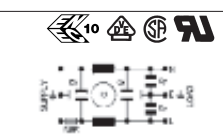

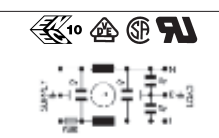

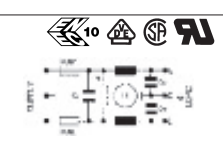

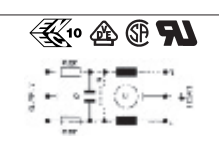
 PX0840/A	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Single ended sealed cable assembly</li> <li>IP68 'A' type USB connector to standard 'B' type USB connector</li> <li>Mates with all panel mounting styles</li> <li>Available in 2m, 3m and 5m lengths</li> </ul>	 PX0840/B	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Single ended sealed cable assembly</li> <li>IP68 'B' type USB connector to standard 'A' type USB connector</li> <li>Mates with all panel mounting styles</li> <li>Available in 2m, 3m and 5m lengths</li> </ul>	 PX0841/AB	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Double ended sealed cable assembly</li> <li>IP68 'A' type USB connector to IP68 'B' type USB connector</li> <li>Mates with all panel mounting styles</li> <li>Available in 2m, 3m and 5m lengths</li> </ul>
 PX0842/A PX0842/B	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Front Panel Mounting Connector</li> <li>PX0842/A - USB 'A' type IP68 connector</li> <li>PX0842/B - USB 'B' type IP68 connector</li> <li>Opposite connector to rear of panel</li> <li>Mates with PX0840 and PX0841 cable connectors</li> </ul>	 PX0843/A PX0843/B	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Front Panel Mounting Connector</li> <li>PX0843/A - USB 'A' type IP68 connector</li> <li>PX0843/B - USB 'B' type IP68 connector</li> <li>Leaded with 5 way crimp connector</li> <li>Mates with PX0840 and PX0841 cable connectors</li> </ul>	 PX0848/A PX0848/B	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Rear Panel Mounting Connector</li> <li>PX0848/A - USB 'A' type IP68 connector</li> <li>PX0848/B - USB 'B' type IP68 connector</li> <li>Opposite connector to rear of panel</li> <li>Mates with PX0840 and PX0841 cable connectors</li> </ul>
 PX0849/A PX0849/B	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Rear Panel Mounting Connector</li> <li>PX0849/A - USB 'A' type IP68 connector</li> <li>PX0849/B - USB 'B' type IP68 connector</li> <li>Leaded with 5 way header</li> <li>Mates with PX0840 and PX0841 cable connectors</li> </ul>	 PX0845/A PX0845/B	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Rear Panel Mounting Connector</li> <li>PX0845/A - USB 'A' type IP68 connector</li> <li>PX0845/B - USB 'B' type IP68 connector</li> <li>PCB contacts at rear</li> <li>Mates with PX0840 and PX0841 cable connectors</li> </ul>	 PCB ADAPTOR LEADS	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Standard A and B type USB connectors to 5 way, 2.54mm, crimp adaptor leads</li> <li>5 way headers, 2.54mm pitch, horizontal or vertical mounting</li> <li>For use with PX0842 &amp; PX0848 types</li> </ul>
 PX0852		 SEALING CAPS	<ul style="list-style-type: none"> <li>Screw coupling</li> <li>Sealing caps to maintain IP68 rating when connectors are not in use</li> <li>PX0835 for cable connectors PX0840 and PX0841</li> <li>PX0733 for front panel mount connectors PX0842 and PX0843</li> <li>PX0711 for rear panel mount connectors PX0848, PX0849 and PX0845</li> </ul>		

## FILTERS



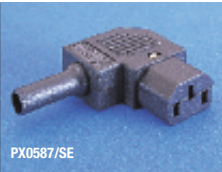





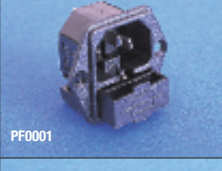

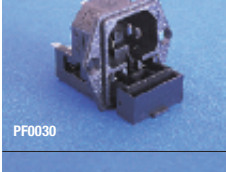


















Designed to reduce conducted mains borne EMI, this extensive range provides many solutions to EMI problems. To meet individual design requirements the

filters are available with one standard filter circuit. 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	<ul style="list-style-type: none"> <li>Flange Mounting</li> <li>1, 3, 6 or 10 Amp Current Rating</li> <li>2.8 or 6.3mm tabs</li> </ul>		 PS01	<ul style="list-style-type: none"> <li>Snap Fit for 1, 1.5, 2 or 3mm Panels</li> <li>1, 3, 6 or 10 Amp Current Rating</li> <li>2.8 or 6.3mm tabs</li> </ul>	
 PS02	<ul style="list-style-type: none"> <li>Base Mounting</li> <li>1, 3, 6 or 10 Amp Current Rating</li> <li>2.8 or 6.3mm tabs</li> </ul>		 PS03	<ul style="list-style-type: none"> <li>Bulkhead Mounting</li> <li>1, 3, 6 or 10 Amp Current Rating</li> <li>2.8 or 6.3mm tabs</li> </ul>	
 PS20/A	<ul style="list-style-type: none"> <li>Flange Mounting</li> <li>1, 3, 6 or 10 Amp Current Rating</li> <li>Fused</li> <li>2.8 or 6.3mm tabs</li> </ul>		 PS21/A	<ul style="list-style-type: none"> <li>Snap Fit for 1, 1.5, 2 or 3mm Panels</li> <li>1, 3, 6 or 10 Amp Current Rating</li> <li>Fused</li> <li>2.8 or 6.3mm tabs</li> </ul>	
 PS22/A	<ul style="list-style-type: none"> <li>Panel Mounting</li> <li>3 or 6 Amp Current Rating</li> <li>Fused</li> <li>High Performance</li> <li>2.8 or 6.3mm tabs</li> </ul>		 PS23/A	<ul style="list-style-type: none"> <li>Snap Fit for 1, 1.5, 2 or 3mm Panels</li> <li>3 or 6 Amp Current Rating</li> <li>Fused</li> <li>High Performance</li> <li>2.8 or 6.3mm tabs</li> </ul>	
 PS25	<ul style="list-style-type: none"> <li>Flange Mounting</li> <li>2 or 4 Amp Current Rating</li> <li>Twin Fused</li> <li>2.8 or 6.3mm tabs</li> </ul>		 PS26	<ul style="list-style-type: none"> <li>Snap Fit for 1, 1.5, 2 or 3mm Panels</li> <li>2 or 4 Amp Current Rating</li> <li>Twin Fused</li> <li>2.8 or 6.3mm tabs</li> </ul>	



 PX0587		 PX0587/SE		 PX0588	
 PX0575		 PX0579		 PX0580	
 PX0580/PC		 PF0001		 PF0011	
 PF0030		 PX0597		 PX0590	
 PX0690		 PF0006		 PX0685	
 PX0686		 PX0686/SE		 PX0716	
		 PX0717			
 PX0675		 PX0695		 PX0695/PC	
 PX0793		 PX0793/1		 PX0705	
					

RETAINING CLIP KITS

INSULATION BOOTS



**bulgin**  
a brand of Elektron Technology









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BILBAO  
[bilbao@ermec.com](mailto:bilbao@ermec.com)

 <p>PX0599</p>	<ul style="list-style-type: none"> <li>IEC C19 connector</li> <li>Reversible Screw Terminals</li> <li>12mm max. cable diameter</li> <li>16A, 250V ac (20A, 250V ac UL and CSA)</li> </ul>	 <p>PX0596</p>	<ul style="list-style-type: none"> <li>IEC C20 inlets</li> <li>Flange mounting</li> <li>6.3 or 4.8mm tabs</li> <li>16A, 250V ac (20A, 250V ac UL and CSA)</li> </ul>	 <p>PX0598</p>	<ul style="list-style-type: none"> <li>IEC C20 inlets</li> <li>Snap to panel (1.0, 1.5, 2.0 or 3.0mm)</li> <li>6.3 or 4.8mm tabs</li> <li>16A, 250V ac (20A, 250V ac UL and CSA)</li> </ul>
 <p>PX0591</p>	<ul style="list-style-type: none"> <li>IEC Sheet J outlet</li> <li>Flange Mounting</li> <li>6.3mm Tabs</li> <li>16A, 250V ac (20A, 250V ac UL &amp; CSA)</li> </ul>	 <p>PX0592</p>	<ul style="list-style-type: none"> <li>IEC Sheet J outlet</li> <li>Snap Fit to Panel</li> <li>Panel Size 1.5mm</li> <li>6.3mm Tabs</li> <li>16A, 250V ac (20A, 250V ac, UL &amp; CSA)</li> </ul>	 <p>PX0593</p>	<ul style="list-style-type: none"> <li>IEC Sheet J outlet</li> <li>Flange Mounting (front of panel)</li> <li>6.3mm Tabs</li> <li>16A, 250V ac (20A, 250V ac, UL &amp; CSA)</li> </ul>


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 and indicators 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.

 <p>BZV01/Z0000/01</p>	<ul style="list-style-type: none"> <li>Vertical Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Single Pole Switch Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> <li>Fused</li> </ul>	 <p>BZV01/Z0000/10</p>	<ul style="list-style-type: none"> <li>Vertical Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Double Pole Switch or Indicator Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> <li>Fused</li> </ul>	 <p>BZV03/Z0000/02</p>	<ul style="list-style-type: none"> <li>Vertical Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Single Pole Switch or Neon Indicator Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> <li>Non Fused</li> </ul>
 <p>BZV45/Z0000/02</p>	<ul style="list-style-type: none"> <li>Outlet with 2.8mm or 6.3mm tags</li> <li>Shuttered or Non-Shuttered</li> <li>Single Pole Switch or Neon Indicator</li> <li>Options of I/O marked switches</li> </ul>	 <p>BZV03/Z0000/07</p>	<ul style="list-style-type: none"> <li>Vertical Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Double Pole Switch/Fuseholder/Indicator/Voltage Selector/Blanking Plate</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> </ul>	 <p>BZV04/Z0000/04</p>	<ul style="list-style-type: none"> <li>Vertical Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Fuseholder/Voltage Selector/Indicator/Blanking plate options</li> <li>Filtered Inlet Option</li> </ul>
 <p>BZV49/Z0000/C1U</p>	<ul style="list-style-type: none"> <li>Inlet with 4.8mm or 6.3mm tags</li> <li>Single pole circuit breaker</li> <li>Illuminated (red or green) and non-illuminated rocker switch</li> <li>125Vac and 250Vac Neons</li> <li>6.3mm tabs on Circuit Breaker</li> </ul>	 <p>BZV09/Z0000/04</p>	<ul style="list-style-type: none"> <li>Vertical Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Filtered Inlet and Blanking Plate options</li> <li>Fused</li> </ul>	 <p>BZV49/Z0000/69</p>	<ul style="list-style-type: none"> <li>C20 inlet with 4.8mm or 6.3mm tags</li> <li>Single Pole Switch marked I/O</li> <li>Illuminated, red or green, switches</li> <li>High inrush non-illuminated switch</li> </ul>
 <p>BZH09/Z0000/01</p>	<ul style="list-style-type: none"> <li>Horizontal Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Single Pole Switch Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> </ul>	 <p>BZH01/Z0000/01</p>	<ul style="list-style-type: none"> <li>Horizontal Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Single Pole Switch Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> <li>Fused</li> </ul>	 <p>BZH01/Z0000/10</p>	<ul style="list-style-type: none"> <li>Horizontal Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Double Pole Switch Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> <li>Fused</li> </ul>
 <p>BZH27/Z0000/57B</p>	<ul style="list-style-type: none"> <li>Minimum Combined Bezel Size</li> <li>Horizontal Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Single and Double Pole Switch Variations</li> <li>Filtered Inlet Option</li> </ul>	 <p>BZH11/Z0000/10</p>	<ul style="list-style-type: none"> <li>Horizontal Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Double Pole Switch Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> </ul>	 <p>BZH11/Z0000/00</p>	<ul style="list-style-type: none"> <li>Horizontal Module Arrangement</li> <li>Inlet Variations with choice of tag sizes</li> <li>Filtered Inlet Option</li> <li>Fused</li> </ul>
 <p>BVA01/Z0000/10</p>	<ul style="list-style-type: none"> <li>Screw Fixing to Panel</li> <li>Vertical Module Arrangement</li> <li>Top/Bottom Fixing</li> <li>Inlet Variations with choice of tag sizes</li> <li>Double Pole Switch Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> <li>Fused</li> </ul>	 <p>BVA01/Z0000/02</p>	<ul style="list-style-type: none"> <li>Screw Fixing to Panel</li> <li>Vertical Module Arrangement</li> <li>Top/Bottom Fixing</li> <li>Inlet Variations with choice of tag sizes</li> <li>Single Pole Switch Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> <li>Fused</li> </ul>	 <p>BVB01/Z0000/01</p>	<ul style="list-style-type: none"> <li>Screw Fixing to Panel</li> <li>Vertical Module Arrangement</li> <li>Side Fixing</li> <li>Inlet Variations with choice of tag sizes</li> <li>Single Pole Switch Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> <li>Fused</li> </ul>
 <p>BVB01/Z0000/11</p>	<ul style="list-style-type: none"> <li>Screw Fixing to Panel</li> <li>Vertical Module Arrangement</li> <li>Side Fixing</li> <li>Inlet Variations with choice of tag sizes</li> <li>Double Pole Switch Variations</li> <li>Filtered Inlet Option</li> <li>Options of I/O marked switches</li> <li>Fused</li> </ul>	 <p>EMI FILTER OPTIONS</p>	<ul style="list-style-type: none"> <li>Wide choice of EMI filter options</li> <li>Filter options for all inlet and fused inlets</li> </ul>		



# 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.

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.

<p>FX0415, FX0416</p> <ul style="list-style-type: none"> <li>Panel Mount</li> <li>Touchproof Category PC2</li> <li>Fuse Sizes 6.3 x 32mm (FX0415) and 6.3 x 25mm (FX0416)</li> <li>Screw Cap/Hand Release</li> <li>13A, 250V</li> <li>16A, 250V UL</li> </ul>	<p>FX0415/S, FX0416/S</p> <ul style="list-style-type: none"> <li>Panel Mount</li> <li>Touchproof Category PC2</li> <li>Fuse Sizes 6.3 x 32mm (FX0415/S) and 6.3 x 25mm (FX0416/S)</li> <li>Screw Cap/Screwdriver Release</li> <li>13A, 250V</li> <li>16A, 250V UL</li> </ul>	<p>FX0417, FX0418</p> <ul style="list-style-type: none"> <li>Panel Mount or Snap Fit</li> <li>Panel Sizes 1.0 &amp; 1.5 and 2.0 &amp; 3.0mm</li> <li>Touchproof Category PC2</li> <li>Fuse Size 6.3 x 32mm</li> <li>Screw Cap/Screwdriver Release</li> <li>16A, 250V, 20A, 250V UL</li> </ul>
<p>FX0419</p> <ul style="list-style-type: none"> <li>Panel Sealed to IP68</li> <li>Touchproof Category PC2</li> <li>Fuse Size 6.3 x 32mm</li> <li>Screw Cap/Screwdriver/Hand Release</li> <li>16A, 250V</li> <li>(20A, 250V UL pending)</li> </ul>	<p>FX0430</p> <ul style="list-style-type: none"> <li>Snap Fit to Panel</li> <li>Panel Sizes 1.0, 1.5, 2.0 and 3.0mm</li> <li>Touchproof Category PC3</li> <li>Fuse Size 5 x 20mm</li> <li>Captive Drawer</li> <li>10A, 250V</li> <li>16A, 250V UL</li> </ul>	<p>FX0460</p> <ul style="list-style-type: none"> <li>Panel Mount</li> <li>Touchproof Category PC3</li> <li>Fuse Size 5 x 20mm</li> <li>Screw Cap/Screwdriver Release</li> <li>10A, 250V</li> <li>16A, 250V UL</li> </ul>
<p>FX0357, FX0359</p> <ul style="list-style-type: none"> <li>Panel Mount</li> <li>Touchproof Category PC2</li> <li>Fuse Size 5 x 20mm</li> <li>Bayonet Cap/Screwdriver Release</li> <li>10A, 250V</li> <li>16A, 250V UL</li> </ul>	<p>FX0367, FX0369</p> <ul style="list-style-type: none"> <li>Snap Fit to Panel</li> <li>Panel Sizes 1.0 &amp; 1.5 and 2.0 &amp; 3.0mm</li> <li>Touchproof Category PC2</li> <li>Fuse Size 5 x 20mm</li> <li>Bayonet Cap/Screwdriver Release</li> <li>10A, 250V</li> <li>16A, 250V UL</li> </ul>	<p>FX0454, FX0455</p> <ul style="list-style-type: none"> <li>Panel Mount</li> <li>Touchproof Category PC2</li> <li>Fuse Size 5 x 20mm</li> <li>Screw Cap/Screwdriver Release</li> <li>10A, 250V</li> <li>16A, 250V UL</li> </ul>
<p>FX0454/S, FX0455/S</p> <ul style="list-style-type: none"> <li>Panel Mount</li> <li>Touchproof Category PC2</li> <li>Fuse Size 5 x 20mm</li> <li>High Profile Bezel</li> <li>Screw Cap/Screwdriver Release</li> <li>10A, 250V</li> <li>16A, 250V UL</li> </ul>	<p>FX0458</p> <ul style="list-style-type: none"> <li>Snap Fit to Panel</li> <li>Panel Sizes 1.0 &amp; 1.5 and 2.0 &amp; 3.0mm</li> <li>Touchproof Category PC2</li> <li>Fuse Size 5 x 20mm</li> <li>Screw Cap/Screwdriver Release</li> <li>10A, 250V</li> <li>16A, 250V UL</li> </ul>	<p>FX0354, FX0354/S</p> <ul style="list-style-type: none"> <li>Panel Mount</li> <li>Low &amp; High Profile Bezels</li> <li>Touchproof Category PC2</li> <li>Fuse Size 5 x 20mm</li> <li>Screw Cap/Screwdriver Release</li> <li>6.3A, 250V</li> </ul>
<p>FX0462, FX0463</p> <ul style="list-style-type: none"> <li>Panel Sealed to IP68</li> <li>Touchproof Category PC2</li> <li>Fuse Size 5 x 20mm</li> <li>Screw Cap/Screwdriver/Hand Release</li> <li>10A, 250V</li> <li>(16A, 250V UL pending)</li> </ul>	<p>FX0296/S, FX0296</p> <ul style="list-style-type: none"> <li>Panel Mount</li> <li>Category PC1</li> <li>Fuse Sizes 5 x 20mm</li> <li>Screw Cap/Hand Release</li> <li>6.3A, 250V</li> </ul>	<p>FX0296/1</p> <ul style="list-style-type: none"> <li>Panel Mount</li> <li>Category PC1</li> <li>Fuse Sizes 5 x 20mm</li> <li>Screw Cap/Hand Release</li> <li>6.3A, 250V</li> </ul>
<p>FX0345</p> <ul style="list-style-type: none"> <li>High Profile Panel Mount</li> <li>Sealed to IP66</li> <li>Category PC1</li> <li>Fuse Sizes 5 x 20mm</li> <li>Screw Cap/Screwdriver Release</li> <li>6.3A, 250V</li> </ul>	<p>FX0365</p> <ul style="list-style-type: none"> <li>High Profile Panel Mount</li> <li>Sealed to IP66</li> <li>Category PC1</li> <li>Fuse Sizes 5 x 20mm</li> <li>Screw Cap/Hand Release</li> <li>Large Cap for Easy Grip</li> <li>6.3A, 250V</li> </ul>	<p>FX0461</p> <ul style="list-style-type: none"> <li>PC Horizontal Mount</li> <li>Touchproof Category PC3</li> <li>Fuse Size 5 x 20mm</li> <li>Screw Cap/Screwdriver Release</li> <li>PC Spills</li> <li>10A, 250V</li> <li>16A, 250V UL</li> </ul>
<p>FX0457, FX0456</p> <ul style="list-style-type: none"> <li>PC Horizontal and Vertical Mount</li> <li>Touchproof Category PC2</li> <li>Fuse Sizes 5 x 20mm</li> <li>Bayonet Cap/Screwdriver Release</li> <li>10A, 250V</li> </ul>	<p>FX0330, FX0342</p> <ul style="list-style-type: none"> <li>PC Horizontal Mount</li> <li>Two or Three PC Spills</li> <li>Category PC1</li> <li>Fuse Sizes 5 x 20mm</li> <li>Screw Cap/Hand Release</li> <li>6.3A, 250V</li> </ul>	<p>FX0442 &amp; FX0443</p> <ul style="list-style-type: none"> <li>Provide Insulation from Shock on Rear of Fuseholder</li> <li>PVC</li> <li>UL94V-0 Rated Flame Retardant Material</li> </ul>
<p>FX0321 &amp; FX0267</p> <ul style="list-style-type: none"> <li>PC or Base Mount</li> <li>Category PC1</li> <li>Fuse Sizes 5 x 20mm</li> <li>PC Spills - FX0321</li> <li>Solder Tags - FX0267</li> <li>6.3A, 250V</li> </ul>	<p>FX0326, FX0331, FX0360</p> <ul style="list-style-type: none"> <li>Base Mount</li> <li>Category PC1</li> <li>Fuse Sizes: 6.3 x 32mm (FX0326), 6.3 x 25mm (FX0331), 5 x 20mm (FX0360)</li> <li>13A, 250V (FX0326 &amp; FX0331)</li> <li>6.3A, 250V (FX0360)</li> </ul>	<p>FX0327</p> <ul style="list-style-type: none"> <li>Base Mount</li> <li>Category PC1</li> <li>Fuse Sizes 6.3 x 32mm</li> <li>5A, 250V</li> </ul>
<p>FX0180, FX0280, FX0380</p> <ul style="list-style-type: none"> <li>In-Line</li> <li>Category PC1</li> <li>Fuse Sizes 5 x 20mm, 6.3 x 25mm and 6.3 x 32mm</li> <li>10A, 50V (250V Inaccessible)</li> </ul>	<p>FX0185, FX0285, FX0385</p> <ul style="list-style-type: none"> <li>In-Line</li> <li>Sealed to IP66</li> <li>Category PC1</li> <li>Fuse Sizes 5 x 20mm, 6.3 x 25mm and 6.3 x 32mm</li> <li>Screw Terminal (Solder to order)</li> <li>10A, 50V (250V Inaccessible)</li> </ul>	

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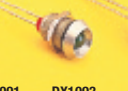




## INDICATORS

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.

 <p><b>DX0505 &amp; DX0507</b></p>	<ul style="list-style-type: none"> <li>Proud of Panel Profile</li> <li>Solder Tag/2.8mm Tag or Flying Lead Termination</li> <li>Sealed to IP67</li> <li>Red, Green, Yellow, Blue or White LED Options</li> <li>Wide Viewing Angle</li> <li>Vandal Resistant</li> </ul> <p><b>IP67</b></p>	 <p><b>DX0506 &amp; DX0508</b></p>	<ul style="list-style-type: none"> <li>Flush Panel Profile</li> <li>Solder Tag/2.8mm Tag or Flying Lead Termination</li> <li>Sealed to IP67</li> <li>Red, Green, Yellow, Blue or White LED Options</li> <li>Wide Viewing Angle</li> <li>Vandal Resistant</li> </ul> <p><b>IP67</b></p>	 <p><b>DX0998 DX0999</b></p> <ul style="list-style-type: none"> <li>5mm LED Indicators</li> <li>Chrome Plated Brass Bezel</li> <li>Prominent or Recessed Style</li> <li>Choice of LED Types and Colours</li> </ul>
 <p><b>DX1120 DX1121</b></p>	<ul style="list-style-type: none"> <li>5mm LED Indicators</li> <li>Glass Filled Nylon Bezel</li> <li>Prominent or Recessed Style</li> <li>Choice of LED Types and Colours</li> </ul>	 <p><b>DX1090 DX1092</b></p>	<ul style="list-style-type: none"> <li>5mm LED Indicators</li> <li>Aluminium Bezel, Black Anodised Finish</li> <li>IP66 Front Panel Sealed</li> <li>Prominent or Recessed Style</li> <li>Choice of LED Types and Colours</li> </ul> <p><b>IP66</b></p>	 <p><b>DX1091 DX1093</b></p> <ul style="list-style-type: none"> <li>5mm LED Indicators</li> <li>Aluminium Bezel, Clear Anodised Finish</li> <li>IP66 Front Panel Sealed</li> <li>Prominent or Recessed Style</li> <li>Choice of LED Types and Colours</li> </ul> <p><b>IP66</b></p>
 <p><b>DX1116 DX1118</b></p>	<ul style="list-style-type: none"> <li>4mm LED Indicators</li> <li>Chrome Plated Brass Bezel</li> <li>Prominent or Recessed Style</li> <li>Choice of LED Types and Colours</li> </ul>	 <p><b>DX1117 DX1119</b></p>	<ul style="list-style-type: none"> <li>4mm LED Indicators</li> <li>Black Nickel Plated Brass Bezel</li> <li>Prominent or Recessed Style</li> <li>Choice of LED Types and Colours</li> </ul>	

## 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.

 <p><b>PX0551</b></p>	<ul style="list-style-type: none"> <li>Flex Mount Male Circular Connector</li> <li>8 Poles</li> <li>Mates with PX0552, PX0552/PC, PX0956/S and PX0957/S</li> <li>Screw Terminals</li> <li>6A, 250V ac (per Pin)</li> </ul>	 <p><b>PX0552</b></p>	<ul style="list-style-type: none"> <li>Panel Mount Female Circular Outlet</li> <li>8 Poles</li> <li>Mates with PX0551</li> <li>4.8mm Tabs</li> <li>6A, 250V ac (per Pin)</li> </ul>	 <p><b>PX0552/PC</b></p> <ul style="list-style-type: none"> <li>PC Panel Mount Female Circular Outlet</li> <li>8 Poles</li> <li>Mates with PX0551</li> <li>PC Spills</li> <li>6A, 250V ac (per Pin)</li> </ul>
 <p><b>PX0956/S</b></p>	<ul style="list-style-type: none"> <li>Flex Mount Female Circular Connector</li> <li>8 Poles</li> <li>Mates with PX0551, PX0959/P and PX0959/PC</li> <li>Screw/Solder Terminals</li> <li>6A, 250V ac (per Pin)</li> </ul>	 <p><b>PX0957/S</b></p>	<ul style="list-style-type: none"> <li>Panel Mount Female Circular Outlet</li> <li>8 Poles</li> <li>Mates with PX0551</li> <li>4.8mm Tabs</li> <li>6A, 250V ac (per Pin)</li> </ul>	 <p><b>PX0959/P, PX0959/PC</b></p> <ul style="list-style-type: none"> <li>Panel Mount Male Circular Inlet</li> <li>8 Poles</li> <li>Mates with PX0956/S</li> <li>Solder bucket or PC spills</li> <li>6A, 250V ac (per Pin)</li> </ul>
 <p><b>PX0429</b></p>	<ul style="list-style-type: none"> <li>Circular Inlet</li> <li>2 Pole + Earth</li> <li>Mates with PX0430/SE and PX0646</li> <li>Key Way to Ensure Correct Polarity</li> <li>Solder Tags</li> <li>3A, 250V ac</li> </ul>	 <p><b>PX0430/SE</b></p>	<ul style="list-style-type: none"> <li>Cable Connector</li> <li>2 Pole + Earth</li> <li>Mates with PX0429</li> <li>Key Way to Ensure Correct Polarity</li> <li>Solder Tags</li> <li>3A, 250V ac</li> </ul>	 <p><b>PX0646</b></p> <ul style="list-style-type: none"> <li>Circular Connector</li> <li>2 Pole + Earth</li> <li>Mates with PX0429</li> <li>Key Way to Ensure Correct Polarity</li> <li>Solder Tags</li> <li>3A, 250V ac</li> </ul>
 <p><b>PX0635</b></p>	<ul style="list-style-type: none"> <li>Circular Male Inlet</li> <li>6 Pole</li> <li>Mates with PX0636</li> <li>Key Way to Ensure Correct Polarity</li> <li>Solder Buckets</li> <li>3A, 50V ac</li> </ul>	 <p><b>PX0636</b></p>	<ul style="list-style-type: none"> <li>Circular Female Connector</li> <li>6 Pole</li> <li>Mates with PX0635</li> <li>Key Way to Ensure Correct Polarity</li> <li>Solder Tags</li> <li>3A, 50V ac</li> </ul>	 <p><b>SA2403 (3 POLE) SA2367 (4 POLE)</b></p> <ul style="list-style-type: none"> <li>Cable Male Connector</li> <li>Mates with SA2404 (3 pole) and SA2368 (4 pole)</li> <li>Key Way to Ensure Correct Polarity</li> <li>Screw Terminals</li> <li>3A, 250V ac</li> </ul>
 <p><b>SA2404 (3 POLE) SA2368 (4 POLE)</b></p>	<ul style="list-style-type: none"> <li>Circular Female Outlet</li> <li>Mates with SA2403 (3 pole) and SA2367 (4 pole)</li> <li>Key Way to Ensure Correct Polarity</li> <li>Solder Buckets</li> <li>3A, 250V ac</li> </ul>	 <p><b>PX0649</b></p>	<ul style="list-style-type: none"> <li>Circular Male Connector</li> <li>2 Pole + Earth</li> <li>Mates with PX0650</li> <li>Solder Buckets</li> <li>3A, 250V ac</li> </ul>	 <p><b>PX0650</b></p> <ul style="list-style-type: none"> <li>Circular Female Outlet</li> <li>2 Pole + Earth</li> <li>Mates with PX0649</li> <li>Solder Tags</li> <li>3A, 250V ac</li> </ul>

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.

## BATTERY HOLDERS

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.

 <b>BX011/1</b>	<ul style="list-style-type: none"> <li>Battery size AA (R6)</li> <li>1, 2 or 3 Cells</li> <li>Flanged Panel Mount</li> <li>Bayonet with finger/coin slot release</li> <li>Front Panel Sealed to IP67</li> </ul>	 <b>BX001/1</b>	<ul style="list-style-type: none"> <li>Battery size C (R14)</li> <li>1, 2 or 3 Cells</li> <li>Panel Mount</li> <li>Screw cap/hand release</li> <li>Front Panel Sealed to IP67</li> </ul>	 <b>BX016</b>	<ul style="list-style-type: none"> <li>Battery size D (R20)</li> <li>1, 2 or 3 Cells</li> <li>Flanged Panel Mount</li> <li>Bayonet/finger release</li> <li>Front Panel Sealed to IP67</li> </ul>
 <b>BX0011/1</b>	<ul style="list-style-type: none"> <li>Battery size AA (R6)</li> <li>1, 2 or 3 Cells</li> <li>Panel Mount</li> <li>Bayonet/Screwdriver release</li> </ul>	 <b>BX0001/1</b>	<ul style="list-style-type: none"> <li>Battery size C (R14)</li> <li>1, 2 or 3 Cells</li> <li>Panel Mount</li> <li>Screw cap/hand release</li> </ul>	 <b>BX0016</b>	<ul style="list-style-type: none"> <li>Battery size D (R20)</li> <li>1, 2 or 3 Cells</li> <li>Flanged Panel Mount</li> <li>Bayonet/Screwdriver release</li> </ul>
 <b>BX0027</b>	<ul style="list-style-type: none"> <li>Battery size AA (R6)</li> <li>4 Cells</li> <li>Flanged Panel Mount</li> <li>Drawer function</li> </ul>	 <b>BX0023</b>	<ul style="list-style-type: none"> <li>Battery size PP3 (6R61)</li> <li>1 Cell</li> <li>Flanged Panel Mount</li> <li>Drawer function</li> </ul>	 <b>BX0026</b>	<ul style="list-style-type: none"> <li>Battery size PP3 (6R61)</li> <li>2 Cells</li> <li>Flanged Panel Mount</li> <li>Drawer function</li> </ul>
 <b>BX0034</b>	<ul style="list-style-type: none"> <li>Battery size AAA (R03)</li> <li>1 Cell</li> <li>PC/Base Mount</li> <li>Open style</li> </ul>	 <b>BX0035</b>	<ul style="list-style-type: none"> <li>Battery size AA (R6)</li> <li>1 Cell</li> <li>PC/Base Mount</li> <li>Open style</li> </ul>	 <b>BX0036</b>	<ul style="list-style-type: none"> <li>Battery size C (R14)</li> <li>1 Cell</li> <li>PC/Base Mount</li> <li>Open style</li> </ul>
 <b>BX0037</b>	<ul style="list-style-type: none"> <li>Battery size D (R20)</li> <li>1 Cell</li> <li>PC/Base Mount</li> <li>Open style</li> </ul>	 <b>BX0033</b>	<ul style="list-style-type: none"> <li>Battery size PP3 (6R61)</li> <li>1 Cell</li> <li>PC/Base Mount</li> <li>Open style</li> </ul>	 <b>BX0123</b>	<ul style="list-style-type: none"> <li>Battery size CR123</li> <li>1 Cell</li> <li>PC/Base Mount</li> <li>Open style</li> </ul>

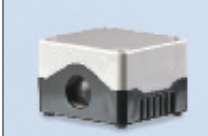





A range of IP67 rated enclosures designed for electronics and control station applications. Manufactured in UL94V-0 rated polycarbonate and UL94-HB rated ABS. The three sizes are suitable for mounting one, two or three 22mm

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



## ENCLOSURES

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.

 <b>SIZE 1 ENCLOSURE</b>	<ul style="list-style-type: none"> <li>Option for 1 x 22mm hole in lid</li> <li>80 x 72 x 53mm</li> <li>2 threaded knock-outs suitable for M20 glands</li> <li>ABS or Flame Retardant Polycarbonate</li> <li>Grey or black base</li> <li>Transparent, smoked grey, black, grey or yellow lid</li> </ul>	 <b>SIZE 2 ENCLOSURE</b>	<ul style="list-style-type: none"> <li>Option for 2 x 22mm hole in lid</li> <li>80 x 106 x 53mm</li> <li>2 threaded knock-outs suitable for M20 glands</li> <li>ABS or Flame Retardant Polycarbonate</li> <li>Grey or black base</li> <li>Transparent, smoked grey, black, grey or yellow lid</li> </ul>	 <b>SIZE 3 ENCLOSURE</b>	<ul style="list-style-type: none"> <li>Option for 3 x 22mm hole in lid</li> <li>80 x 159 x 53mm</li> <li>2 threaded knock-outs suitable for M20 glands</li> <li>ABS or Flame Retardant Polycarbonate</li> <li>Grey or black base</li> <li>Transparent, smoked grey, black, grey or yellow lid</li> </ul>
 <b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>Combifoot rail mounting accessory to fit TS32 &amp; TS35 DIN rail</li> <li>Snap fixing</li> </ul>	 <b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>Wall mounting bracket</li> <li>Snap fixing</li> </ul>	 <b>ACCESSORIES</b>	<ul style="list-style-type: none"> <li>Cable glands</li> <li>M20 thread</li> <li>Cable range - 3.5 to 8mm</li> <li>Available in black or grey</li> </ul>





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