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 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.
# POLYSNAP® POWER INLET MODULES

Components used in Polysnap® and Polyflange Power Inlet Modules

Note: Components are Approved Individually (where applicable). Please see individual component pages for full specifications.

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<th>Description</th>
<th>Rating</th>
<th>Approvals</th>
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<td>110V or 250V a.c./d.c working</td>
<td></td>
</tr>
<tr>
<td>FX0359</td>
<td>5 x 20mm Fuseholder</td>
<td>Max. rating 10A. 250V</td>
<td></td>
</tr>
<tr>
<td>PF0011</td>
<td>C14 Power Inlet with Integral 5 x 20mm Fuseholder</td>
<td>Max. rating 10A. 250V a.c.</td>
<td></td>
</tr>
<tr>
<td>PF0033</td>
<td>C14 Power Inlet with Integral twin 5 x 20mm Fuseholder</td>
<td>Max. rating 10A. 250V a.c.</td>
<td></td>
</tr>
<tr>
<td>PX0575</td>
<td>C14 Power Inlet, Cold condition</td>
<td>Max. rating 10A. 250V a.c.</td>
<td></td>
</tr>
<tr>
<td>PX0595</td>
<td>C16 Power Inlet, Hot Condition</td>
<td>Max. rating 10A. 250V a.c.</td>
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<tr>
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</tr>
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<td>C20 Power Inlet</td>
<td>Max. rating 16A. 250V a.c.</td>
<td></td>
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<tr>
<td>VS0001</td>
<td>Voltage Selector marked 120/240V</td>
<td>Max. rating 6.3A. 120/240V a.c.</td>
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</tbody>
</table>

## SWITCHES, INDICATORS AND CIRCUIT BREAKERS

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<tr>
<td>Single Pole</td>
<td>Non-illuminated</td>
<td>Max. rating 16A Resistive, 4A Inductive, 250Vac.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
<tr>
<td></td>
<td>High Inrush</td>
<td>Max. rating 16A Resistive, 4A Inductive, 250Vac. Inrush current, 150A to IEC65.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
<tr>
<td></td>
<td>Illuminated</td>
<td>Max. rating 16A Resistive, 4A Inductive, 250Vac.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
<tr>
<td>Double Pole</td>
<td>Non-illuminated</td>
<td>Max. rating 16A Resistive, 4A Inductive, 250Vac.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
<tr>
<td></td>
<td>High Inrush</td>
<td>Max. rating 16A Resistive, 4A Inductive, 250Vac. Inrush current, 150A to IEC65.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
<tr>
<td></td>
<td>Illuminated</td>
<td>Max. rating 16A Resistive, 4A Inductive, 250Vac. 250Vac Neon.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
<tr>
<td>For Mini Bezel:</td>
<td>Single Pole</td>
<td>Non-illuminated</td>
<td>Max. rating 10A Resistive, 4A Inductive, 250Vac.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
</tr>
<tr>
<td></td>
<td>Illuminated</td>
<td>Max. rating 10A Resistive, 4A Inductive, 250Vac. 250Vac Neon.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
<tr>
<td>Double Pole</td>
<td>Non-illuminated</td>
<td>Max. rating 10A Resistive, 4A Inductive, 250Vac.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
<tr>
<td></td>
<td>High Inrush</td>
<td>Max. rating 10A Resistive, 4A Inductive, 250Vac. Inrush current, 85A to EN61058-1.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
<tr>
<td></td>
<td>Illuminated</td>
<td>Max. rating 10A Resistive, 4A Inductive, 250Vac. 250Vac Neon.</td>
<td><img src="image" alt="Circuit Diagram" /></td>
<td><img src="image" alt="UL Approvals" /></td>
</tr>
</tbody>
</table>

**Rehs** Polysnap and Polyflange range and all components are compliant
### Overview of Polysnap Modules

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<td>With DP switch Page 124</td>
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</tr>
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</table>
C14 IEC Fused Inlet - Vertical

**Vertical Module Arrangement**
- Fused Inlet with 2.8mm or 6.3mm tags
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches

![BZV01/Z0000/01](image)

**How to Order**

**BZV xx / xxxxx / xx**

**Type of Inlet / Outlet**

- Single Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:
  - 01 = PF0011/63
  - 02 = PF0011/28

- Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:
  - 15 = PF0033/63
  - 16 = PF0033/28

**Filtered or Non Filtered Inlet**

- Z0000 = Non Filtered
- Axxxx = Standard
- Bxxxx = Medical (Twin Fuse Version only)

**Combination of Other Components**

- Single Pole Switch:
  - 01 = S.P. Switch

- Single Pole Neon Switch:
  - 02 = S.P. Red Neon Switch
  - 08 = S.P. Green Neon Switch

- Neon Indicator:
  - 03 = Red Neon Indicator

- Single Pole High Inrush Switch:
  - 46 = S.P. High Inrush Switch

- Single Pole Switch Marked I/O:
  - 69 = S.P. Switch (I/O)

- Single Pole Neon Switch Marked (I/O):
  - 71 = S.P. Red Neon Switch (I/O)
  - 74 = S.P. Green Neon Switch (I/O)

- Single Pole High Inrush Switch Marked (I/O):
  - 98 = S.P. High Inrush Switch (I/O)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 127-129. E.g. BZV01/A0620/01

**Notes:**
- For technical details of individual components please see page 106

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**IEC Connectors**

- Conns1 - Polysnap 2010
- Polysnap 2005
- 8/6/10
- www.elektron-bulgin.com
How to Order

BZV xx / xxxxx / xx

Type of Inlet / Outlet

Single Fused C14 Power Inlet (cold condition),
6.3 or 2.8mm tabs:

- 01 = PF0011/63
- 02 = PF0011/28

Twin Fused C14 Power Inlet (cold condition),
6.3 or 2.8mm tabs:

- 15 = PF0033/63
- 16 = PF0033/28

Filtered or Non Filtered Inlet

- Z0000 = Non Filtered
- Axxxx = Standard
- Bxxxx = Medical (Twin Fuse Version only)

For Filtered inlet use 6th to 9th characters from filter
ordering code see pages 127-129.

E.g. BZV01/A0620/10

Combination of Other Components

- Neon Indicator:
  - D3 = Red Neon Indicator

- Double Pole Switch:
  - 10 = D.P Switch

- Double Pole Neon Switch:
  - 11 = D.P. Red Neon Switch
  - 12 = D.P. Green Neon Switch

- Double Pole High Inrush Switch:
  - 13 = D.P. High Inrush Switch

- Double Pole Switch Marked I/O:
  - 70 = D.P Switch (I/O)

- Double Pole Neon Switch Marked (I/O):
  - 76 = D.P. Red Neon Switch (I/O)
  - 77 = D.P. Green Neon Switch (I/O)

- Double Pole High Inrush Switch Marked (I/O):
  - 78 = D.P. High Inrush Switch (I/O)
  - B1 = D.P. High Inrush Green Neon Switch (I/O)

Note: For technical details of individual components please see page 106

www.elektron-bulgin.com
POLYSNAP® POWER INLET MODULES

C14 and C16 IEC Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

- Inlet with 2.8mm or 6.3mm tags
- Single Pole Switch or Neon Indicator Variations
- Filtered Inlet Option
- Options of I/O marked switches
- Non Fused

How to Order

Type of Inlet / Outlet

C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:

03 = PX0575/63
04 = PX0575/28

C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:

05 = PX0595/63
06 = PX0595/28

Filtered or Non Filtered Inlet

Z0000 = Non Filtered
Axxxx = Standard
Bxxxx = Medical

Combination of Other Components

Single Pole Switch:

01 = S.P. Switch

Single Pole Neon Switch:

02 = S.P. Red Neon Switch
08 = S.P. Green Neon Switch

Neon Indicator:

03 = Red Neon Indicator

Single Pole High Inrush Switch:

46 = S.P. High Inrush Switch

Single Pole Switch Marked I/O:

69 = S.P. Switch (I/O)

Single Pole Neon Switch Marked (I/O):

71 = S.P. Red Neon Switch (I/O)
74 = S.P. Green Neon Switch (I/O)

Single Pole High Inrush Switch Marked (I/O):

98 = S.P. High Inrush Switch (I/O)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 125-126. E.g. BZV03/A0120/02

Note: For technical details of individual components please see page 106
### C14 and C16 IEC Inlet - Vertical

#### VERTICAL MODULE ARRANGEMENT
- Inlet with 2.8mm or 6.3mm tags
- Double Pole Switch/Fuseholder/Indicator
- Voltage Selectors/Filtered Inlet Option/Options of I/O marked switches

![BZV03/Z0000/07](image)

#### How to Order

<table>
<thead>
<tr>
<th>Type of Inlet / Outlet</th>
<th>Filtered or Non Filtered Inlet</th>
<th>Combination of Other Components</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C14 Power Inlet</strong> (cold condition), 6.3 or 2.8mm tabs:</td>
<td><strong>Z0000 = Non Filtered</strong>&lt;br&gt;<strong>Axxx = Standard</strong>&lt;br&gt;<strong>Bxxx = Medical</strong></td>
<td><strong>BZV xx / xxxxx / xx</strong></td>
</tr>
</tbody>
</table>
| **03 = PX0575/63** | | **Voltage Selector, Neon Indicator and Double Pole High Inrush Switch:**
| **04 = PX0575/28** | | **31 = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. High Inrush Switch**
| **C16 Power Inlet** (hot condition), 6.3 or 2.8mm tabs: | | **33 = 1 x FX0359 + 1 x DX0928/250V/Green + D.P. High Inrush Switch**
| **05 = PX0595/63** | | **35 = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. High Inrush Switch**
| **06 = PX0595/28** | | **37 = 1 x FX0359 + 1 x DX0928/250V/Green + D.P. High Inrush Switch**

For Filtered Inlet, use 6th to 9th characters from filter ordering code see pages 125-126. E.g. BZV03/A0120/07

**Please note type 05 and 06 are not available in filtered version.**

For more details, visit [www.elektron-bulgin.com](http://www.elektron-bulgin.com)
POLYSNAP® POWER INLET MODULES

C14 and C16 IEC Inlet - Vertical

**VERTICAL MODULE ARRANGEMENT**

- Inlet with 2.8mm or 6.3mm tags
- Double Pole Switch/Fuseholder/Indicator/Voltage Selectors/Blanking Plate
- Filtered Inlet Option
- Options of I/O marked switches

**How to Order**

**Type of Inlet / Outlet** | **Filtered or Non Filtered Inlet** | **Combination of Other Components**
--- | --- | ---
C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:  
03 = PX0575/63  
04 = PX0575/28
C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:  
05 = PX0595/63  
06 = PX0595/28

**Z0000** = Non Filtered  
Axxxx = Standard  
Bxxxx = Medical

**For Filtered inlet use 6th to 9th characters from filter ordering code see pages 125-126.**
E.g. BZV03/A0120/07

**BZV xx / xxxxx / xx**

- Twin Fuseholder and Double Pole Switch Marked (I/O):
  - 72 = 2 x FX0359 + D.P. Switch (I/O)
  - 73 = 2 x FX0359 + D.P. Red Neon Switch (I/O)
  - 75 = 2 x FX0359 + D.P. Green Neon Switch (I/O)
  - 72 = 2 x FX0359 + D.P. Red Neon Switch 125V(I/O)
- Voltage Selector, Fuseholder and Double Pole Switch Marked (I/O):
  - 79 = 1 x VS0001 + 1 x FX0359 + Double Pole switch (I/O)
- Voltage Selector, Fuseholder and Double Pole Neon Switch Marked (I/O):
  - 80 = 1 x VS0001 + 1 x FX0359 + D.P. Red Neon Switch (I/O)
  - 81 = 1 x VS0001 + 1 x FX0359 + D.P. Green Neon Switch (I/O)
- Twin Fuseholder and Double Pole High Inrush Switch Marked (I/O):
  - 83 = 2 x FX0359 + D.P. High Inrush Switch (I/O)
- Twin Fuseholder and Double Pole High Inrush Neon Switch Marked (I/O):
  - 84 = 2 x FX0359 + 1 x D.P. High Inrush Green Neon Switch (I/O)
  - 85 = 2 x FX0359 + 1 x D.P. High Inrush Red Neon Switch (I/O)
- Voltage Selector, Neon Indicator and Double Pole Switch Marked (I/O):
  - 86 = 1 x VS0001 + 1 x DX0928/110V/Red + D.P. Switch (I/O)
  - 87 = 1 x VS0001 + 1 x DX0928/110V/Green + D.P. Switch (I/O)
  - 88 = 1 x VS0001 + 1 x DX0928/250V/Red + D.P. Switch (I/O)
  - 89 = 1 x VS0001 + 1 x DX0928/250V/Green + D.P. Switch (I/O)
- Voltage Selector, Neon Indicator and Double Pole High Inrush Switch Marked (I/O):
  - 90 = 1 x VS0001 + 1 x DX0928/250V/Red + D.P. High Inrush Switch (I/O)
  - 91 = 1 x VS0001 + 1 x DX0928/250V/Green + D.P. High Inrush Switch (I/O)
- Fuseholder, Neon Indicator and Double Pole Switch Marked (I/O):
  - 92 = 1 x FX0359 + 1 x DX0928/110V/Red + D.P. Switch (I/O)
  - 93 = 1 x FX0359 + 1 x DX0928/110V/Green + D.P. Switch (I/O)
  - 94 = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. Switch (I/O)
  - 95 = 1 x FX0359 + 1 x DX0928/250V/Green + D.P. Switch (I/O)
- Fuseholder, Neon Indicator and Double Pole High Inrush Switch Marked (I/O):
  - 96 = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. High Inrush Switch (I/O)
  - 97 = 1 x FX0359 + 1 x DX0928/250V/Green + D.P. High Inrush Switch (I/O)
- Fuseholder, Blanking Plate and Double Pole High Inrush Neon Switch Marked (I/O):
  - A0 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. High Inrush Green Neon Switch (I/O)
  - B0 = 1 x VS0002 + 1 x Blanking Plate (Right) + D.P. High Inrush Switch (I/O)
  - B1 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. High Inrush Switch (I/O)

Please note type 05 and 06 are not available in filtered version.
BULGIN

POLYSNAP® POWER INLET MODULES

C14 and C16 IEC Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

- Inlet with 2.8mm or 6.3mm tags
- Fuseholder/Voltage Selector/Indicator options/Blanking plate
- Filtered Inlet Option

BZV04/Z0000/04

How to Order

BZV xx / xxxxx / xx

<table>
<thead>
<tr>
<th>Type of Inlet / Outlet</th>
<th>Filtered or Non Filtered Inlet</th>
<th>Combination of Other Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</td>
<td>Z0000 = Non Filtered Axxxx = Standard Bxxxx = Medical</td>
<td></td>
</tr>
<tr>
<td>03 = PX0575/63</td>
<td></td>
<td>Twin Fuseholder: 04 = 2 x FX0359</td>
</tr>
<tr>
<td>04 = PX0575/28</td>
<td></td>
<td>Voltage Selector and Fuseholder: 14 = 1 x VS0001 + 1 x FX0359</td>
</tr>
<tr>
<td>C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:</td>
<td></td>
<td>Voltage selector and Neon: 37 = 1 x VS0001 + DX0928/110V/Red 38 = 1 x VS0001 + DX0928/110V/Green 39 = 1 x VS0001 + DX0928/250V/Red 40 = 1 x VS0001 + DX0928/250V/Green</td>
</tr>
<tr>
<td>05 = PX0595/63</td>
<td></td>
<td>Fuseholder and Neon: 41 = 1 x FX0359 + DX0928/110V/Red 42 = 1 x FX0359 + DX0928/110V/Green 43 = 1 x FX0359 + DX0928/250V/Red 44 = 1 x FX0359 + DX0928/250V/Green</td>
</tr>
<tr>
<td>06 = PX0595/28</td>
<td></td>
<td>Fuseholder and Blanking Plate: 45 = 1 x FX0359 + Blanking Plate</td>
</tr>
</tbody>
</table>

Please note type 05 and 06 are not available in filtered version

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 125-126. E.g. BZV04/A0120/04

Note: For technical details of individual components please see page 106
POLYSNAP® POWER INLET MODULES

C20 IEC Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

- 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/Z0000/69

How to Order

<table>
<thead>
<tr>
<th>Type of Inlet</th>
<th>Filtered or Non Filtered Inlet</th>
<th>Combination of Other Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>C20 Power Inlet (cold condition), 4.8 or 6.3mm tabs:</td>
<td>Z0000 = Non Filtered</td>
<td>Single Pole Switch:</td>
</tr>
<tr>
<td>49 = PX0598/63</td>
<td></td>
<td>01 = S.P. Switch</td>
</tr>
<tr>
<td>50 = PX0598/48</td>
<td></td>
<td>69 = S.P. Switch (I/O)</td>
</tr>
<tr>
<td>Filtered or Non Filtered Inlet</td>
<td>Non Filtered</td>
<td>Single Pole Switch Marked (I/O):</td>
</tr>
<tr>
<td></td>
<td></td>
<td>69 = S.P. Switch (I/O)</td>
</tr>
<tr>
<td>Combination of Other Components</td>
<td></td>
<td>Single Pole Illuminated Switch:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>02 = S.P. Illuminated Red</td>
</tr>
<tr>
<td></td>
<td></td>
<td>08 = S.P. Illuminated Green</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Single Pole Non-illuminated High Inrush Switch Marked I/O:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>98 = S.P. High Inrush Switch (I/O)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Single Pole Illuminated (Red or Green 250v Neon) Switch Marked I/O:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>71 = S.P. Switch Illuminated Red (I/O)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>74 = S.P. Switch Illuminated Green (I/O)</td>
</tr>
</tbody>
</table>

Panel Thickness: 1.0, 1.5, 2.0, 3.0mm.

Note: For technical details of individual components please see page 106.
C14 IEC Inlet/Sheet F IEC Outlet - Vertical

How to Order

**Type of Inlet / Outlet**

C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:
- **09** = PX0575/63 + PX0695/63
- **10** = PX0575/28 + PX0695/28

C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:
- **17** = PX0575/63 + PX0783/63
- **18** = PX0575/28 + PX0783/28

**Filtered or Non Filtered Inlet**

Z0000 = Non Filtered
Axxxx = Standard
Bxxxx = Medical

**Combination of Other Components**

- **Twin Fuseholder:**
  - **04** = 2 x FX0359
- **Voltage Selector and Fuseholder:**
  - **14** = 1 x VS0001 + 1 x FX0359
- **Voltage selector and Neon:**
  - **37** = 1 x VS0001 + DX0928/110V/Red
  - **38** = 1 x VS0001 + DX0928/110V/Green
  - **39** = 1 x VS0001 + DX0928/250V/Red
  - **40** = 1 x VS0001 + DX0928/250V/Green
- **Fuseholder and Neon:**
  - **41** = 1 x FX0359 + DX0928/110V/Red
  - **42** = 1 x FX0359 + DX0928/110V/Green
  - **43** = 1 x FX0359 + DX0928/250V/Red
  - **44** = 1 x FX0359 + DX0928/250V/Green
- **Fuseholder and Blanking Plate:**
  - **45** = 1 x FX0359 + Blanking Plate
- **Voltage Selector and Blanking Plate:**
  - **B2** = 1 x VS0001 + Blanking Plate

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 125-126. E.g. BZV09/A0120/04

**Note:** For technical details of individual components please see page 106
### POLYSNAP® POWER INLET MODULES

**Sheet F IEC Outlet - Vertical**

**VERTICAL MODULE ARRANGEMENT**

- Outlet with 2.8mm or 6.3mm tabs
- Shuttered or Non-Shuttered
- Single Pole Switch or Neon Indicator
- I/O Marking Options

**How to Order**

![Diagram](image)

**Type of Outlet**

<table>
<thead>
<tr>
<th>Sheet F Power Outlet (non shuttered), 6.3 or 2.8mm tabs:</th>
<th>Non Filtered Outlet</th>
<th>Combination of Other Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 = PX0695/63</td>
<td>Z0000 = Non Filtered</td>
<td>Single Pole Switch:</td>
</tr>
<tr>
<td>46 = PX0695/28</td>
<td></td>
<td>01 = S.P. Switch</td>
</tr>
</tbody>
</table>

**Sheet F Power Outlet (shuttered), 6.3 or 2.8mm tabs:**

| 47 = PX0783/63                                          |                     | 02 = S.P. Red Neon Switch      |
| 48 = PX0783/28                                          |                     | 08 = S.P. Green Neon Switch    |

**Non Filtered Outlet**

**Combination of Other Components**

- Single Pole Neon Switch:
  - 02 = S.P. Red Neon Switch
  - 08 = S.P. Green Neon Switch

- Neon Indicator:
  - 03 = Red Neon Indicator

- Single Pole High Inrush Switch:
  - 46 = S.P. High Inrush Switch

- Single Pole Switch Marked I/O:
  - 69 = S.P. Switch (I/O)

- Single Pole Neon Switch Marked (I/O):
  - 71 = S.P. Red Neon Switch (I/O)
  - 74 = S.P. Green Neon Switch (I/O)

- Single Pole High Inrush Switch Marked (I/O):
  - 98 = S.P. High Inrush Switch (I/O)

**Panel Thickness:** 1.0, 1.5, 2.0, 3.0mm.

**Note:** For technical details of individual components please see page 106
How to Order

BZH xx / xxxxx / xx

Type of Inlet / Outlet

Single Fused C14 Power Inlet (cold condition),
2.8 or 6.3mm tabs:
01 = PF0011/63
02 = PF0011/28

Twin Fused C14 Power Inlet (cold condition),
2.8 or 6.3mm tabs:
15 = PF0033/63
16 = PF0033/28

Filtered or Non Filtered Inlet

Z0000 = Non Filtered
Axxxx = Standard
Bxxxx = Medical (Twin Fuse Version only)

Combination of Other Components

Single Pole Switch:
01 = S.P. Switch

Single Pole Neon Switch:
02 = S.P. Red Neon Switch
08 = S.P. Green Neon Switch

Neon Indicator:
03 = Red Neon Indicator

Single Pole High Inrush Switch:
46 = S.P. High Inrush Switch

Single Pole Switch Marked (I/O):
69 = S.P. Switch (I/O)

Single Pole Neon Switch Marked (I/O):
71 = S.P. Red Neon Switch (I/O)
74 = S.P. Green Neon Switch (I/O)

Single Pole High Inrush Switch Marked (I/O):
98 = S.P. High Inrush Switch (I/O)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 127-129.
E.g. BZH01/A0620/01

Note: For technical details of individual components please see page 106
POLYSNAP® POWER INLET MODULES

C14 IEC Fused Inlet - Horizontal

How to Order

BZH xx / xxxxx / xx

Type of Inlet / Outlet

Filtered or Non Filtered Inlet

Combination of Other Components

For technical details of individual components please see page 106.

Note: For technical details of individual components please see page 106.
**POLYSNAP® POWER INLET MODULES**

**C14 IEC Inlet/Sheet F IEC Outlet - Horizontal**

**HORIZONTAL MODULE ARRANGEMENT**

- Inlet/Outlet Combination with 2.8mm or 6.3mm tags
- Shuttered or Non-Shuttered Outlet
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches

---

**How to Order**

**Type of Inlet / Outlet**

C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:

- **09** = PX0575/63 + PX0695/63
- **10** = PX0575/28 + PX0695/28

C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:

- **17** = PX0575/63 + PX0783/63
- **18** = PX0575/28 + PX0783/28

---

**Z0000 = Non Filtered**
- Axxxx = Standard
- Bxxxx = Medical

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 125-126.

E.g. BZH09/A0120/01

---

**How to Order**

**BZH xx / xxxxx / xx**

**Filtered or Non Filtered Inlet**

**Combination of Other Components**

**Single Pole Switch:**

- **01** = S.P. Switch
- **02** = S.P. Red Neon Switch
- **03** = Red Neon Indicator
- **04** = S.P. High Inrush Switch
- **05** = S.P. Switch Marked I/O
- **06** = S.P. Red Neon Switch Marked I/O
- **07** = S.P. Red Neon Switch (I/O)
- **08** = S.P. Green Neon Switch
- **09** = S.P. Green Neon Switch (I/O)
- **10** = S.P. Green Neon Switch (I/O)

Note: For technical details of individual components please see page 106

---

**www.elektron-bulgin.com**
POLYSNAP® POWER INLET MODULES

C14 IEC Inlet/Sheet F IEC Outlet - Horizontal

How to Order

Type of Inlet/Outlet | Filtered or Non Filtered Inlet | Combination of Other Components
--- | --- | ---
Single Fused C14 Power Inlet (cold condition) and Sheet F Power Outlet, 2.8 or 6.3mm tabs:
11 = PF0011/63 + PX0695/63  
12 = PF0011/28 + PX0695/28

Twin Fused C14 Power Inlet (cold condition) and Sheet F Power Outlet, 2.8 or 6.3mm tabs:
13 = PF0033/63 + PX0695/63  
14 = PF0033/28 + PX0695/28

Single Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:
19 = PF0011/63 + PX0783/63  
20 = PF0011/28 + PX0783/28

Twin Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:
21 = PF0033/63 + PX0783/63  
22 = PF0033/28 + PX0783/28

Z0000 = Non Filtered
Axxxx = Standard
Bxxxx = Medical (Twin Fuse Version only)

For Filtered Inlet use 6th to 9th characters from filter ordering code see pages 127-129.
E.g. BZH11/A0620/10

Note: For technical details of individual components please see page 106
POLYSNAP® POWER INLET MODULES

C14 IEC Fused Inlet/Sheet F IEC Outlet - Horizontal

HORIZONTAL MODULE ARRANGEMENT

- Fused Inlet/Outlet Combination with 2.8mm or 6.3mm tags
- Filtered Inlet Option
- Single or Twin Fused

How to Order

BZH xx / xxxxx / xx

Type of Inlet / Outlet

Single Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:

11 = PF0011/63 + PX0695/63
12 = PF0011/28 + PX0695/28

Twin Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:

13 = PF0033/63 + PX0695/63
14 = PF0033/28 + PX0695/28

Single Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:

19 = PF0011/63 + PX0783/63
20 = PF0011/28 + PX0783/28

Twin Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:

21 = PF0033/63 + PX0783/63
22 = PF0033/28 + PX0783/28

Filtered or Non Filtered Inlet

Z0000 = Non Filtered
Axxxx = Standard
Bxxxx = Medical (Twin Fuse Version only)

Combination of Other Components

None
00 = None

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 127-129.

E.g. BZH11/A0620/00

Note: For technical details of individual components please see page 106
**POLYSNAP® POWER INLET MODULES**

**C14 IEC Inlet - Mini Bezel**

**MINIMUM COMBINED BEZEL SIZE**
- Inlet with 2.8, 4.8 or 6.3mm tags
- Horizontal Module Arrangement
- Single and Double Pole Switch Variations
- Filtered Inlet Option

![BZM27/Z0000/57B](image)

**How to Order**

**Type of Inlet / Outlet**

<table>
<thead>
<tr>
<th>Type of Inlet / Outlet</th>
<th>Filtered or Non Filtered Inlet</th>
<th>Switch Variation</th>
<th>Panel Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>C14 Power Inlet (cold condition), 6.3, 4.8 &amp; 2.8mm tabs:</td>
<td>Z0000 = Non Filtered</td>
<td>Single Pole Switch, 4.8mm or solder tab, marked I/O:</td>
<td>1.0mm = A</td>
</tr>
<tr>
<td>27 = PX0575/63</td>
<td>Axxxx = Standard</td>
<td>53 = S.P. Switch, 4.8mm tab (I/O)</td>
<td>1.5mm = B</td>
</tr>
<tr>
<td>42 = PX0575/48*</td>
<td>8xxxx = Medical</td>
<td>54 = S.P. Switch, solder tab (I/O)</td>
<td>2.0mm = C</td>
</tr>
<tr>
<td>28 = PX0575/28</td>
<td>*filter option not available</td>
<td>Single Pole Illuminated Switch, 4.8mm or solder tab:</td>
<td>3.0mm = D</td>
</tr>
<tr>
<td></td>
<td></td>
<td>55 = S.P. Switch Illum. Red, 4.8mm tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>61 = S.P. Switch Illum. Green, 4.8mm tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>56 = S.P. Switch Illum. Red, solder tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>62 = S.P. Switch Illum. Green, solder tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Double Pole Switch, 4.8mm or solder tab, marked I/O:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>57 = D.P. Switch, 4.8mm tab (I/O)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>58 = D.P. Switch, solder tab (I/O)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Double Pole Illuminated Switch, 4.8mm or solder tab:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>59 = D.P. Switch Illum. Red, 4.8mm tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>63 = D.P. Switch Illum. Green, 4.8mm tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>60 = D.P. Switch Illum. Red, solder tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>64 = D.P. Switch Illum. Green, solder tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Double Pole High Inrush, 4.8mm tabs:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>65 = D.P. High Inrush Switch, 4.8mm tabs (S.P format)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>66 = D.P. High Inrush Switch, 4.8mm tabs, I/O (S.P format)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Single Pole Illuminated Switch, 4.8mm or solder tab, marked I/O:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A1 = S.P. Switch Illum. Red, 4.8mm tab (I/O)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A5 = S.P. Switch Illum. Green, 4.8mm tab (I/O)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A2 = S.P. Switch Illum. Red, solder tab (I/O)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A6 = S.P. Switch Illum. Green, solder tab (I/O)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Double Pole Illuminated Switch, 4.8mm or solder tab, marked I/O:</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A3 = D.P. Switch Illum. Red, 4.8mm tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A7 = D.P. Switch Illum. Green, 4.8mm tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A4 = D.P. Switch Illum. Red, solder tab</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A8 = D.P. Switch Illum. Green, solder tab</td>
<td></td>
</tr>
</tbody>
</table>

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 125-126.

**Inlet Approvals:**

- [UL](https://www.ul.com)

**Panel Thickness**

- 1.0mm = A
- 1.5mm = B
- 2.0mm = C
- 3.0mm = D
**How to Order**

<table>
<thead>
<tr>
<th>Flange Type</th>
<th>Type of Inlet / Outlet</th>
<th>Filtered or Non Filtered Inlet</th>
<th>Combination of Other Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Single Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</td>
<td>Z0000 = Non Filtered</td>
<td>Single Pole Switch:</td>
</tr>
<tr>
<td>B</td>
<td>Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</td>
<td>Axxxx = Standard</td>
<td>01 = S.P. Switch</td>
</tr>
<tr>
<td></td>
<td>01 = PF0011/63</td>
<td>Bxxxx = Medical (Twin Fuse Version only)</td>
<td>Single Pole Neon Switch:</td>
</tr>
<tr>
<td></td>
<td>02 = PF0011/28</td>
<td></td>
<td>02 = S.P. Red Neon Switch</td>
</tr>
<tr>
<td></td>
<td>15 = PF0033/63</td>
<td></td>
<td>08 = S.P. Green Neon Switch</td>
</tr>
<tr>
<td></td>
<td>16 = PF0033/28</td>
<td></td>
<td>Neon Indicator:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 127-129.</td>
<td>03 = Red Neon Indicator</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Single Pole High Inrush Switch:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>46 = S.P. High Inrush Switch</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Single Pole Switch Marked I/O:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>69 = S.P. Switch (I/O)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Single Pole Neon Switch Marked (I/O):</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>71 = S.P. Red Neon Switch (I/O)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>74 = S.P. Green Neon Switch (I/O)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Single Pole High Inrush Switch Marked (I/O):</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>98 = S.P. High Inrush Switch (I/O)</td>
</tr>
</tbody>
</table>

Note: For technical details of individual components please see page 106.
POLYSNAP® POWER INLET MODULES

C14 IEC Fused Inlet - Polyflange

**How to Order**

<table>
<thead>
<tr>
<th>Flange Type</th>
<th>Type of Inlet / Outlet</th>
<th>Filtered or Non Filtered Inlet</th>
<th>Combination of Other Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Fused Inlet with 2.8mm or 6.3mm tabs:</td>
<td>Z0000 = Non Filtered</td>
<td>Neon Indicator:</td>
</tr>
<tr>
<td></td>
<td>Screw Fixing to Panel</td>
<td>Axxxx = Standard</td>
<td>D3 = Red Neon Indicator</td>
</tr>
<tr>
<td>B</td>
<td>Double Pole Switch Variations</td>
<td>Bxxxx = Medical (Twin Fuse Version only)</td>
<td>Double Pole Switch:</td>
</tr>
<tr>
<td></td>
<td>Filtered Inlet Option</td>
<td></td>
<td>10 = D.P. Switch</td>
</tr>
<tr>
<td></td>
<td>Options of I/O marked switches</td>
<td></td>
<td>Double Pole Neon Switch:</td>
</tr>
</tbody>
</table>

For filtered inlet use 6th to 9th characters from filter ordering code see pages 127-129.

E.g. BVA01/A0620/10

Note: For technical details of individual components please see page 106
For Polysnap modules BZV03, BZV04, BZV09, BZV10, BZV17, BZV18, BZH09, BZH10, BZH17, BZH18, BZM27, BZM28
PX0575 style IEC inlet
Using PS01/A style filter
Standard Attenuation Filter

**EMI FILTER OPTIONS**

<table>
<thead>
<tr>
<th>Polysnap Part No.</th>
<th>Filter Type</th>
<th>Rating</th>
<th>L/C Circuit</th>
<th>Additional Components</th>
<th>Polysnap Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>From Polysnap Selection</td>
<td>A = Standard</td>
<td>01 = 1A</td>
<td>1 = Version 1</td>
<td>0 = None</td>
<td>From Polysnap Selection</td>
</tr>
<tr>
<td></td>
<td>03 = 3A</td>
<td>2 = Version 2</td>
<td>1 = Bleed (R) Resistor</td>
<td>1 = Surge (VDR) Protection</td>
<td></td>
</tr>
<tr>
<td></td>
<td>06 = 6A</td>
<td>3 = Version 3</td>
<td>2 = Surge (VDR) Protection</td>
<td>3 = &quot;R&quot; plus &quot;VDR&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 = 10A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Rating**

<table>
<thead>
<tr>
<th>Rating</th>
<th>Version</th>
<th>L1</th>
<th>Cx</th>
<th>Cy</th>
<th>Part No. Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 AMP</td>
<td>1</td>
<td>2 x 2.8mH</td>
<td>1 x 15nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>2 x 10mH</td>
<td>1 x 15nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>2 x 10mH</td>
<td>1 x 47nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td>3 AMP</td>
<td>1</td>
<td>2 x 0.75mH</td>
<td>1 x 15nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>2 x 1.8mH</td>
<td>1 x 15nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>2 x 1.8mH</td>
<td>1 x 47nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td>6 AMP</td>
<td>1</td>
<td>2 x 0.3mH</td>
<td>1 x 15nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>2 x 0.7mH</td>
<td>1 x 15nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>2 x 0.7mH</td>
<td>1 x 47nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td>10 AMP</td>
<td>1</td>
<td>2 x 0.17mH</td>
<td>1 x 15nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>2 x 0.35mH</td>
<td>1 x 15nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>2 x 0.17mH</td>
<td>1 x 47nF</td>
<td>2 x 2.2nF</td>
<td></td>
</tr>
</tbody>
</table>

**Filter Specification**

- **Max. Working Voltage:** 250V a.c. 50-400Hz
- **Earth Leakage Current:** <0.35mA (250V, 50Hz)
- **Temperature Range:** -25°C to +85°C
- **Max. Ambient Temp.:** 40°C (derate linearly to 0A @ 85°C)
- **Test Voltage:** 2700V d.c. 2 secs. Lines to Earth, 1100V d.c. 2 secs. Live to Neutral
- **Approvals:**
- **Attenuation Curves:** See PS01/A filter, page 132
POLYSNAP® POWER INLET MODULES

C14 IEC Inlet - Medical Filter

EMI FILTER OPTIONS

- For Polysnap modules BZV03, BZV04, BZV09, BZV10, BZV17, BZV18, BZH09, BZH10, BZH17, BZH18, BZM27, BZM28
- PX0575 style IEC inlet
- Using PS01/B style filter
- Medical Filter

---

**Additional Polysnap Part No. Filter Type Rating L/C Circuit Additional Components Polysnap Part No.**

<table>
<thead>
<tr>
<th>Polysnap Part No.</th>
<th>Filter Type</th>
<th>Rating</th>
<th>L/C Circuit</th>
<th>Additional Components</th>
<th>Polysnap Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>From Polysnap Selection</td>
<td>8 = Medical</td>
<td>01 = 1A</td>
<td>1 = Version 1</td>
<td>0 = None</td>
<td>From Polysnap Selection</td>
</tr>
<tr>
<td></td>
<td></td>
<td>03 = 3A</td>
<td>2 = Version 2</td>
<td>1 = Bleed (R) Resistor</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>06 = 6A</td>
<td>3 = Version 3</td>
<td>2 = Surge (VDR) Protection</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 = 10A</td>
<td></td>
<td>3 = “R” plus “VDR”</td>
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</tr>
</tbody>
</table>

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**Filter Specification**

- **Max. Working Voltage:** 250V a.c. 50-400Hz
- **Earth Leakage Current:** <100µA (typically 5µA, 250V 50Hz)
- **Temperature Range:** -25°C to +85°C
- **Max. Ambient Temp.:** 40°C (derate linearly to 0A @ 85°C)
- **Test Voltage:** 2700V d.c. 2 secs. Lines to Earth 1100V d.c. 2 secs. Live to Neutral
- **Approvals:**
- **Attenuation Curves:** See PS01/B filter, page 134

---

**Part No. Example**

**BZV04/B0322/04 =**

BZV style Polysnap module with PX0575 IEC power inlet, filter rated at 3 amps. L/C circuit version 2 (L1 = 2 x 1.8mH, Cx = 1 x 15nF), without bleed resistor, with surge protection device fitted, 2.8mm tabs and two fuseholders.
POLYSNAP® POWER INLET MODULES

EMI FILTER OPTIONS

For Polysnap modules BZV01, BZV02, BZH01, BZH02, BZH11, BZH12, BZH19, BZH20, BVA01, BVA02, BVB01, BVB02
PF0011 style single fuse IEC inlet
Using PS21/A style filter
Standard Attenuation Filter

Bxxxx/A xx x x / xx

Polysnap Part No. | Filter Type | Rating | L/C Circuit | Additional Components | Polysnap Part No.
--- | --- | --- | --- | --- | ---
From Polysnap Selection | A = Standard | 01 = 1A | 2 = Version 2 | 0 = None | From Polysnap Selection
| 03 = 3A | 3 = Version 3
| 06 = 6A

Rating | Version | L1 | Cx | Cy
--- | --- | --- | --- | ---
1 AMP | 1 | 2 x 12mH | 1 x 47nF | 2 x 2.2nF
| 2 | 2 x 0.7mH | 1 x 15nF | 2 x 2.2nF
| 3 | 2 x 2mH | 1 x 47nF | 2 x 2.2nF
3 AMP | 1 | 2 x 1.8mH | 1 x 15nF | 2 x 2.2nF
| 2 | 2 x 6.5mH | 1 x 47nF | 2 x 2.2nF
| 3 | 2 x 0.7mH | 1 x 15nF | 2 x 2.2nF
6 AMP | 1 | 2 x 12mH | 1 x 47nF | 2 x 2.2nF
| 2 | 2 x 2mH | 1 x 47nF | 2 x 2.2nF
| 3 | 2 x 0.7mH | 1 x 15nF | 2 x 2.2nF
10 AMP | 1 | 2 x 20mH | 1 x 47nF | 2 x 2.2nF
| 2 | 2 x 2mH | 1 x 47nF | 2 x 2.2nF
| 3

Filter Specification

Max. Working Voltage: 250V a.c. 50-400Hz
Earth Leakage Current: <0.35mA (250V 50Hz)
Temperature Range: -25°C to +85°C
Max. Ambient Temp.: 40°C (derate linearly to 0A @ 85°C)
(@ Full Load)
Test Voltage: 2700V d.c. 2 secs. Lines to Earth
1100V d.c. 2 secs. Live to Neutral
Approvals: 
Attenuation Curves: See PS21/A filter, page 140
**POLYSNAP® POWER INLET MODULES**

**EMI FILTER OPTIONS**
- For Polysnap modules BZV15, BZV16, BZH13, BZH14, BZH15, BZH16, BZH21, BZH22, BVA15, BVA16, BVB15, BVB16
- PF0033 style twin fuse IEC inlet
- Using PS26/A filter
- Standard Attenuation Filter

---

**C14 Inlet Twin Fuse - Standard Filter**

**Bxxxx/A xx x x / xx**

<table>
<thead>
<tr>
<th>Polysnap Part No.</th>
<th>Filter Type</th>
<th>Rating</th>
<th>L/C Circuit</th>
<th>Additional Components</th>
<th>Polysnap Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>From Polysnap Selection</td>
<td>A = Standard</td>
<td>02 = 2A</td>
<td>2 = Version 2</td>
<td>0 = None</td>
<td>From Polysnap Selection</td>
</tr>
<tr>
<td></td>
<td></td>
<td>04 = 4A</td>
<td></td>
<td>1 = Bleed (R) Resistor</td>
<td></td>
</tr>
</tbody>
</table>

**Filter Specification**
- **Max. Working Voltage:** 250V a.c. 50-400Hz
- **Earth Leakage Current:** <0.35mA (250V 50Hz)
- **Temperature Range:** -25°C to +85°C
- **Max. Ambient Temp.:** 40°C (derate linearly to 0A @ 85°C)
- **Test Voltage:** 2700V d.c. 2 secs. Lines to Earth
- **Test Voltage:** 1100V d.c. 2 secs. Live to Neutral
- **Approvals:**
- **Attenuation Curves:** See PS26/A filter, page 142

**Part No. Example**
- **BZH13/A0420/00**
  - BZH style Polysnap module with PF0033 twin fused (5 x 20mm) IEC power inlet, filter rated at 4 amps, L/C circuit version 2 (L1 = 2 x 0.7mH, Cx = 1 x 15nF, Cy = 2 x 2.2nF), without bleed resistor fitted, 6.3mm tabs and no additional components.

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**IEC CONNECTORS**

**POLYSNAP® POWER INLET MODULES**

**C14 Inlet Twin Fuse - Standard Filter**

**Bxxxx/A xx x x / xx**

<table>
<thead>
<tr>
<th>Polysnap Part No.</th>
<th>Filter Type</th>
<th>Rating</th>
<th>L/C Circuit</th>
<th>Additional Components</th>
<th>Polysnap Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>From Polysnap Selection</td>
<td>A = Standard</td>
<td>02 = 2A</td>
<td>2 = Version 2</td>
<td>0 = None</td>
<td>From Polysnap Selection</td>
</tr>
<tr>
<td></td>
<td></td>
<td>04 = 4A</td>
<td></td>
<td>1 = Bleed (R) Resistor</td>
<td></td>
</tr>
</tbody>
</table>

**Filter Specification**
- **Max. Working Voltage:** 250V a.c. 50-400Hz
- **Earth Leakage Current:** <0.35mA (250V 50Hz)
- **Temperature Range:** -25°C to +85°C
- **Max. Ambient Temp.:** 40°C (derate linearly to 0A @ 85°C)
- **Test Voltage:** 2700V d.c. 2 secs. Lines to Earth
- **Test Voltage:** 1100V d.c. 2 secs. Live to Neutral
- **Approvals:**
- **Attenuation Curves:** See PS26/A filter, page 142

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**IEC CONNECTORS**
C14 Inlet Twin Fuse - Medical Filter

**EMI FILTER OPTIONS**

- For Polysnap modules BZV15, BZV16, BZH13, BZH14, BZH15, BZH16, BZH21, BZH22, BVA15, BVA16, BVB15, BVB16
- PF0033 style twin fuse IEC inlet
- Using PS26/B style filter
- Medical Attenuation Filter

**Filter Specification**

<table>
<thead>
<tr>
<th>Filter Type</th>
<th>Rating</th>
<th>L/C Circuit</th>
<th>Additional Components</th>
<th>Polysnap Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bxxx/Bxx x x / xx</td>
<td>From Polysnap Selection</td>
<td>B = Medical</td>
<td>02 = 2A</td>
<td>0 = None</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2 = Version 2</td>
<td>1 = Bleed (R) Resistor</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>04 = 4A</td>
<td>1 = None</td>
</tr>
</tbody>
</table>

**Additional Components**

- L1: 2 x 1.8mH, 1 x 15nF
- Cx: 1 x 15nF

**Part No. Example**

**BZH15/B0221/01**

BZH style Polysnap module with PF0033 twin fused (5 x 20mm) IEC power inlet, filter rated at 2 amp, L/C circuit version 2 (L1 = 2 x 1.8mH, Cx = 1 x 15nF), with bleed resistor fitted, 6.3mm tabs and single pole switch.
<table>
<thead>
<tr>
<th>Bulgin</th>
</tr>
</thead>
<tbody>
<tr>
<td>BZV01/Z0000/10</td>
</tr>
<tr>
<td>BVA15/Z0000/02</td>
</tr>
<tr>
<td>BZM27/B0620/63B</td>
</tr>
<tr>
<td>BZM42/Z0000/53B</td>
</tr>
<tr>
<td>BZV03/Z0000/06</td>
</tr>
<tr>
<td>BZV04/Z0000/04</td>
</tr>
<tr>
<td>BZV49/Z0000/C4Y</td>
</tr>
</tbody>
</table>