



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

Our 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.

### Components used in Power Entry Modules.

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

### IEC Connectors Fuseholders and Voltage Selectors

| Type   | Description  | Rating  | Approvals |
|--------|--|---|-----------|
| DX0928 | Neon Indicator   | 110V or 250V a.c./d.c. working                  |           |
| FX0359 | 5 x 20mm Fuseholder                                    | Max. rating 10A. 250V<br>See Page 192           |           |
| PF0011 | C14 Power Inlet with Integral 5 x 20mm Fuseholder      | Max. rating 10A. 250V a.c.<br>See Page 136      |           |
| PF0033 | C14 Power Inlet with Integral twin 5 x 20mm Fuseholder | Max. rating 10A. 250V a.c.<br>See Page 137      |           |
| PX0575 | C14 Power Inlet, Cold condition                        | Max. rating 10A. 250V a.c.<br>See Page 132      |           |
| PX0595 | C16 Power Inlet, Hot Condition                         | Max. rating 10A. 250V a.c.<br>See Page 138      |           |
| PX0695 | Sheet F Power Outlet                                   | Max. rating 10A. 250V a.c.<br>See Page 145      |           |
| PX0783 | Sheet F Shuttered Power Outlet                         | Max. rating 10A. 250V a.c.<br>See Page 146      |           |
| PX0598 | C20 Power Inlet  | Max. rating 16A, 250V a.c.<br>See Page 148      |           |
| VS0001 | Voltage Selector marked 120/240V                       | Max. rating 6.3A. 120/240V a.c.<br>See Page 114 |           |

\*Filtered options for 6.3mm tag versions only

### Switches and Indicators

| No Poles                       | Illumination    | Current Ratings   | Circuit | Approvals |
|--------------------------------|-----------------|---|---------|-----------|
| Single Pole                    | Non-illuminated | Max. rating 16A Resistive, 4A Inductive, 250Vac.                                      |         |           |
|                                | High Inrush     | Max. rating 16A Resistive, 4A Inductive, 250Vac.<br>Inrush current, 150A to IEC65.    |         |           |
|                                | Illuminated     | Max. rating 16A Resistive, 4A Inductive, 250Vac.                                      |         |           |
| Double Pole                    | Non-illuminated | Max. rating 16A Resistive, 4A Inductive, 250Vac.                                      |         |           |
|                                | High Inrush     | Max. rating 16A Resistive, 4A Inductive, 250Vac.<br>Inrush current, 150A to IEC65.    |         |           |
|                                | Illuminated     | Max. rating 16A Resistive, 4A Inductive, 250Vac.<br>250Vac Neon.                      |         |           |
| For Mini Bezel:<br>Single Pole | Non-illuminated | Max. rating 10A Resistive, 4A Inductive, 250Vac.                                      |         |           |
|                                | Illuminated     | Max. rating 10A Resistive, 4A Inductive, 250Vac.<br>250Vac Neon.                      |         |           |
| Double Pole                    | Non-illuminated | Max. rating 10A Resistive, 4A Inductive, 250Vac.                                      |         |           |
|                                | High Inrush     | Max. rating 10A Resistive, 4A Inductive, 250Vac.<br>Inrush current, 85A to EN61058-1. |         |           |
|                                | Illuminated     | Max. rating 10A Resistive, 4A Inductive, 250Vac.<br>250Vac Neon.                      |         |           |
| Indicator                      |                 | 250Vac neon lamp connected internally to terminals.                                   |         |           |

**RoHS** Power Entry Module range and all components are compliant

## Overview of Power Entry Modules

| Style   | Inlets   |  |   |                                     | Outlets<br>Sheet F                  | Inlet/ Outlet Combinations          |   |
|---|--|--|---|-------------------------------------|-------------------------------------|-------------------------------------|---|
|   | C14  | C14 Fused  | C16   | C20                                 |                                     | C14                                 | C14 Fused   |
| Snap to Panel<br>Vertical<br><br>    | With Single Pole switch<br>Page 163<br><br>With other components<br>Pages 164, 165, 166                    | With Single Pole switch<br>Page 161<br><br>With Double Pole Switch<br>Page 162 | With Single Pole switch<br>Page 163<br><br>With other components<br>Pages 164, 165, 166 | With Single Pole switch<br>Page 167 | With Single Pole switch<br>Page 169 | With other components<br>Page 168   |   |
| Snap to Panel<br>Horizontal<br><br> | Mini Bezel<br>With Single Pole Switch<br>Page 175<br><br>Mini Bezel<br>With Double Pole Switch<br>Page 175 | With Single Pole switch<br>Page 170<br><br>With Double Pole Switch<br>Page 171 |   |                                     |                                     | With Single Pole switch<br>Page 177 | With Double Pole switch<br>Page 173<br><br>No additional components<br>Page 174 |
| Flange Mount -<br>Vertical<br><br> |  | With Single Pole switch<br>Page 176<br><br>With Double Pole switch<br>Page 177 |   |                                     |                                     |                                     |   |

## Vertical Module Arrangement



BZV01/Z0000/01

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



BZV01/\*\*\*\*\*/\*\* } A = 59.7 With Filter  
 BZV02/\*\*\*\*\*/\*\* } A = 27.4 Without Filter  
 BZV15/\*\*\*\*\*/\*\* } A = 59.7 With Filter  
 BZV16/\*\*\*\*\*/\*\* } A = 37.9 Without Filter  
 Panel Thickness. 1.0, 1.5, 2.0, 3.0mm.

## 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

For Filtered inlet use 6th to 9th characters from filter  
ordering code see pages 179 -180  
E.g. BZV01/A0620/01

**Filtered or Non Filtered Inlet**

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)

## Vertical Module Arrangement



BZV01/Z0000/10

- Fused Inlet with 2.8mm or 6.3mm tabs
- Double Pole Switch or Indicator Variations
- Filtered Inlet Option
- Options of I/O marked switches



BZV01/\*\*\*\*\*/\*\* } A = 59.7 With Filter  
 BZV02/\*\*\*\*\*/\*\* } A = 27.4 Without Filter  
 BZV15/\*\*\*\*\*/\*\* } A = 59.7 With Filter  
 BZV16/\*\*\*\*\*/\*\* } A = 37.9 Without Filter  
 Panel Thickness: 1.0, 1.5, 2.0, 3.0mm.

## 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

For Filtered inlet use 6th to 9th characters from filter  
ordering code see pages 179-180  
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)

## Vertical Module Arrangement



BZV03/Z0000/02

- 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



BZV03, BZV04/\*\*\*\*/\*\* A = 62.5 With Filter  
28.1 Without Filter

BZV05, BZV06/\*\*\*\*/\*\* A = 28.1

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

## How to order -

**BZV XX****XXXXX****XX****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

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

**Filtered or Non Filtered Inlet**

Z0000 = Non Filtered

Axxxx = Standard

For Filtered inlet use 6th to 9th characters from filter ordering code see page 178  
E.g. BZV03/A0120/02

**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)

## Vertical Module Arrangement



BZV03/Z0000/07

- ⬡ 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



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

BZV03, BZV04/\*\*\*\*/\*\* A = 62.5 With Filter  
39.0 Without Filter

BZV05, BZV06/\*\*\*\*/\*\* A = 39.0

## How to order -

**BZV XX****/ XXXXX****/ XX**

| Type of Inlet / Outlet   | Filtered or Non Filtered Inlet  | Combination of Other Components   |   |
|--|---|---|---|
| C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:             | Z0000 = Non Filtered<br>Axxxx = Standard  | Twin Fuseholder and Double Pole Switch:<br>05 = 2 x FX0359 + D.P. Switch  | Voltage Selector, Neon Indicator and Double Pole Switch<br>25 = 1 x VS0001 + 1 x DX0928/110V/Red + D.P. Switch  |
| 03 = PX0575/63<br>04 = PX0575/28                                 | For Filtered inlet use 6th to 9th characters from filter ordering code see page 178 E.g. BZV03/A0120/07 | Twin Fuseholder and Double Pole Neon Switch:<br>06 = 2 x FX0359 + D.P. Red Neon Switch<br>09 = 2 x FX0359 + D.P. Green Neon Switch<br>19 = 2 x FX0359 + D.P. Red Neon Switch 125V | 26 = 1 x VS0001 + 1 x DX0928/110V/Green + D.P. Switch<br>27 = 1 x VS0001 + 1 x DX0928/250V/Red + D.P. Switch<br>28 = 1 x VS0001 + 1 x DX0928/250V/Green + D.P. Switch   |
| C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:              |   | Twin Fuseholder and Neon Indicator:<br>07 = 2 x FX0359 + Red Neon Indicator   | Voltage Selector, Neon Indicator and Double Pole High Inrush Switch:<br>29 = 1 x VS0001 + 1 x DX0928/250V/Red + D.P. High Inrush Switch<br>30 = 1 x VS0001 + 1 x DX0928/250V/Green + D.P. High Inrush Switch  |
| 05 = PX0595/63<br>06 = PX0595/28                                 |   | Voltage Selector, Fuseholder and Double Pole Switch:<br>15 = 1 x VS0001 + 1 x FX0359 + Double Pole switch   | Fuseholder, Neon Indicator and Double Pole Switch<br>31 = 1 x FX0359 + 1 x DX0928/110V/Red + D.P. Switch<br>32 = 1 x FX0359 + 1 x DX0928/110V/Green + D.P. Switch<br>33 = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. Switch<br>34 = 1 x Fx0359 + 1 x DX0928/250V/Green + D.P. Switch |
| Please note type 05 and 06 are not available in filtered version |   | Voltage Selector, Fuseholder and Double Pole Neon Switch:<br>16 = 1 x VS0001 + 1 x FX0359 + D.P. Red Neon Switch<br>18 = 1 x VS0001 + 1 x FX0359 + D.P. Green Neon Switch         | Fuseholder, Neon Indicator and Double Pole High Inrush Switch:<br>35 = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. High Inrush Switch<br>36 = 1 x FX0359 + 1 x DX0928/250V/Green + D.P. High Inrush Switch  |
|  |   | Voltage Selector, Fuseholder and Neon Indicator:<br>17 = 1 x VS0001 + 1 x FX0359 + Red Neon Indicator   | Fuseholder, Blanking Plate and Double Pole High Inrush Neon Switch:<br>47 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. High Inrush Green Neon Switch  |
|  |   | Twin Fuseholder and Double Pole High Inrush Switch:<br>20 = 2 x FX0359 + D.P. High Inrush Switch  | Fuseholder, Blanking Plate and Double Pole Switch:<br>48 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. Switch  |
|  |   | Twin Fuseholder and Double Pole High Inrush Neon Switch:<br>21 = 2 x FX0359 + 1 x D.P. High Inrush Green Neon Switch<br>22 = 2 x FX0359 + 1 x D.P. High Inrush Red Neon Switch    |   |

## Vertical Module Arrangement



BZV03/Z0000/07

- 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



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

BZV03, BZV04/\*\*\*\*\*/\*\* A = 62.5 With Filter  
39.0 Without Filter

BZV05, BZV06/\*\*\*\*\*/\*\* A = 39.0

## How to order -

BZV XX

/ XXXXX

/ XX

## 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

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

## Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Axxxx = Standard

For Filtered inlet use 6th to 9th characters from filter ordering code see page 178  
E.g. BZV03/A0120/07

## Combination of Other Components

Twin Fuseholder and Double Pole Switch Marked (I/O):

72 = 2 x FX0359 + D.P. Switch (I/O)

Twin Fuseholder and Double Pole Neon Switch Marked (I/O):

73 = 2 x FX0359 + D.P. Red Neon Switch (I/O)

75 = 2 x FX0359 + D.P. Green Neon Switch (I/O)

82 = 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):

99 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. High Inrush Green Neon Switch (I/O)

Fuseholder, Blanking Plate and Double Pole Switch Marked (I/O):

A0 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. Switch (I/O)

B2 = 1 x VS0002 + 1 x Blanking Plate + D.P. High Inrush Switch (I/O)

B3 = 1 x FX0359 + 1 x Blanking Plate + D.P. High Inrush Switch (I/O)

B5 = 1 x VS0001 + 1 x Blanking Plate + D.P. Switch (I/O)



## Vertical Module Arrangement



BZV04/Z0000/04

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



BZV03, BZV04/\*\*\*\*/\*\* A = 62.5 With Filter,  
39.0 Without Filter.

BZV05, BZV06/\*\*\*\*/\*\* A = 39.0.

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

## How to order -

**BZV XX****XXXXX****XX****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

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

**Filtered or Non Filtered Inlet**

Z0000 = Non Filtered

Axxxx = Standard

For Filtered inlet use 6th to 9th characters from filter ordering code see page 178  
E.g. BZV03/A0120/04

**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

## Vertical Module Arrangement



BZV49/Z0000/69

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



## How to order -

**BZV XX****XXXXX****XX****Type of Inlet / Outlet**

C20 Power Inlet (cold condition), 4.8 or 6.3mm tabs:

49 = PX0598/63  
50 = PX0598/48

**Filtered or Non Filtered Inlet**

Z0000 = Non Filtered

**Combination of Other Components**

Single Pole Switch:  
01 = S.P. Switch

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

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

Single Pole Non-illuminated High Inrush  
Switch Marked I/O:

98 = S.P. High Inrush Switch (I/O)  
Single Pole Illuminated (Red or Green 250v  
Neon) Switch Marked I/O:

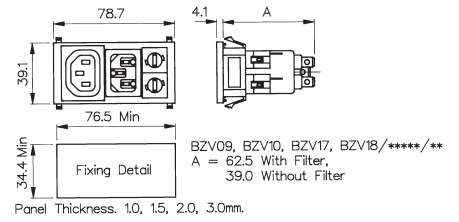
71 = S.P. Switch Illuminated Red (I/O)  
74 = S.P. Switch Illuminated Green (I/O)

Vertical Module Arrangement



BZV09/Z0000/04

- Inlet/Outlet Combination
- 2.8mm or 6.3mm tabs
- Filtered Inlet and Blanking Plate options
- Shuttered or Non-shuttered Outlet
- Fused



How to order -

|               |                |             |
|---------------|----------------|-------------|
| <b>BZV XX</b> | <b>/ XXXXX</b> | <b>/ XX</b> |
|---------------|----------------|-------------|

**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

For Filtered inlet use 6th to 9th characters from filter ordering code see page 178  
E.g. BZV09/A0120/04

**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

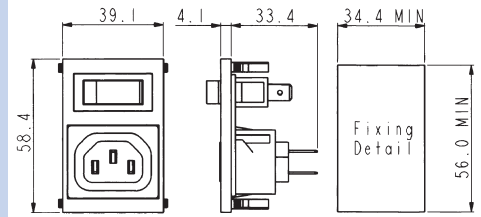
Voltage Selector and Blanking Plate:  
B2 = 1 x VS0001 + Blanking Plate

Vertical Module Arrangement



BZV45/Z0000/02

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



How to order -



**Type of Inlet / Outlet**

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

45 = PX0695/63  
46 = PX0695/28

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

47 = PX0783/63  
48 = PX0783/28

**Filtered or Non Filtered Inlet**

Z0000 = Non Filtered

**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)

## Horizontal Module Arrangement



BZH01/Z0000/01

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



## How to order -

| BZH XX  | / XXXXX  | / XX  |
|---|--|---|
| <b>Type of Inlet / Outlet</b><br><br>Single Fused C14 Power Inlet (cold condition), 2.8 or 6.3mm tabs:<br><br>01 = PF0011/63<br>02 = PF0011/28<br><br>Twin Fused C14 Power Inlet (cold condition), 2.8 or 6.3mm tabs:<br><br>15 = PF0033/63<br>16 = PF0033/28 | <b>Filtered or Non Filtered Inlet</b><br><br>Z0000 = Non Filtered<br><br>Axxxx = Standard<br><br>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179-180<br>E.g. BZH01/A0620/01 | <b>Combination of Other Components</b><br><br>Single Pole Switch:<br>01 = S.P. Switch<br><br>Single Pole Neon Switch:<br>02 = S.P. Red Neon Switch<br>08 = S.P. Green Neon Switch<br><br>Neon Indicator:<br>03 = Red Neon Indicator<br><br>Single Pole High Inrush Switch:<br>46 = S.P. High Inrush Switch<br><br>Single Pole Switch Marked I/O:<br>69 = S.P. Switch (I/O)<br><br>Single Pole Neon Switch Marked (I/O):<br>71 = S.P. Red Neon Switch (I/O)<br>74 = S.P. Green Neon Switch (I/O)<br><br>Single Pole High Inrush Switch Marked (I/O):<br>98 = S.P. High Inrush Switch (I/O) |

## Horizontal Module Arrangement



BZH01/Z0000/10

- Fused Inlet with 2.8mm or 6.3mm tabs
- Double Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches



## 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

For Filtered inlet use 6th to 9th characters from  
filter ordering code see pages 179-180  
E.g. BZH01/A0620/10

**Combination of Other Components**

Neon Indicator:  
03 = 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)

## Horizontal Module Arrangement



BZH09/Z0000/01

- 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 -

**BZH XX****XXXXX****XX****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

For Filtered inlet use 6th to 9th characters from  
filter ordering code see page 178  
E.g. BZH09/A0120/01

**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)

## Horizontal Module Arrangement



BZH11/Z0000/10

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



## How to order -

**BZH XX****XXXXX****XX****Type of Inlet / Outlet**

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

**Filtered or Non Filtered Inlet**

Z0000 = Non Filtered

Axxxx = Standard

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179-180  
 E.g. BZH11/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)



## Horizontal Module Arrangement



BZH11/Z0000/00

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



## How to order -

| BZH XX  | / XXXXX  | / XX  |
|---|--|---|
| <b>Type of Inlet / Outlet</b><br><br>Single Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:<br><br>11 = PF0011/63 + PX0695/63<br>12 = PF0011/28 + PX0695/28<br><br>Twin Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:<br><br>13 = PF0033/63 + PX0695/63<br>14 = PF0033/28 + PX0695/28<br><br>Single Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:<br><br>19 = PF0011/63 + PX0783/63<br>20 = PF0011/28 + PX0783/28<br><br>Twin Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:<br><br>21 = PF0033/63 + PX0783/63<br>22 = PF0033/28 + PX0783/28 | <b>Filtered or Non Filtered Inlet</b><br><br>Z0000 = Non Filtered<br><br>Axxxx = Standard<br><br>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179-180<br>E.g. BZH11/A0620/00 | <b>Combination of Other Components</b><br><br>None<br><br>00 = None |

## Minimum Combined Bezel Size



BZM27/Z0000/57B

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



Panel Thickness 1.0, 1.5, 2.0, 3.0mm

 BZM27/\*\*\*\*\*/\*\*\* } A = 63.5 With Filter.  
 BZM28/\*\*\*\*\*/\*\*\* } A = 29.1 Without Filter.

 B = 54.9 With D.P. Switch. 45.9 With S.P. Switch.  
 C = 57.5 With D.P. Switch. 48.5 With S.P. Switch.

## How to order -

|               |          |              |          |           |          |          |
|---------------|----------|--------------|----------|-----------|----------|----------|
| <b>BZM XX</b> | <b>/</b> | <b>XXXXX</b> | <b>/</b> | <b>XX</b> | <b>/</b> | <b>X</b> |
|---------------|----------|--------------|----------|-----------|----------|----------|

| Type of Inlet / Outlet   | Filtered or Non Filtered Inlet  | Switch Variation  | Panel Thickness                                  |
|--|---|---|--|
| C14 Power Inlet (cold condition), 6.3, 4.8 & 2.8mm tabs:<br><br>27 = PX0575/63<br>42 = PX0575/48<br>28 = PX0575/28 | Z0000 = Non Filtered<br><br>Axxxx = Standard<br><br>For Filtered inlet use 6th to 9th characters from filter ordering code see page 178<br>E.g. BZM27/A0120/57B | Single Pole Switch, 4.8mm or solder tab, marked I/O:<br>53 = S.P. Switch, 4.8mm tab (I/O)<br>54 = S.P. Switch, solder tab (I/O)<br><br>Single Pole Illuminated Switch, 4.8mm or solder tab:<br>55 = S.P. Switch Illum. Red, 4.8mm tab<br>61 = S.P. Switch Illum. Green, 4.8mm tab<br>56 = S.P. Switch Illum. Red, solder tab<br>62 = S.P. Switch Illum. Green, solder tab<br><br>Double Pole Switch, 4.8mm or solder tab, marked I/O:<br>57 = D.P. Switch, 4.8mm tab (I/O)<br>58 = D.P. Switch, solder tab (I/O)<br><br>Double Pole Illuminated Switch, 4.8mm or solder tab:<br>59 = D.P. Switch Illum. Red, 4.8mm tab<br>63 = D.P. Switch Illum. Green, 4.8mm tab<br>60 = D.P. Switch Illum. Red, solder tab<br>64 = D.P. Switch Illum. Green, solder tab<br><br>Double Pole High Inrush, 4.8mm tabs:<br>65 = D.P. High Inrush Switch, 4.8mm tabs (S.P. format)<br><br>Double Pole High Inrush, 4.8mm tabs, marked I/O:<br>68 = D.P. High Inrush Switch, 4.8mm tabs, I/O (S.P. format)<br><br>Single Pole Illuminated Switch, 4.8mm or solder tab, Marked I/O:<br>A1 = S.P. Switch Illum. Red, 4.8mm tab (I/O)<br>A5 = S.P. Switch Illum. Green, 4.8mm tab (I/O)<br>A2 = S.P. Switch Illum. Red, solder tab (I/O)<br>A6 = S.P. Switch Illum. Green, solder tab (I/O)<br><br>Double Pole Illuminated Switch, 4.8mm or solder tab, Marked I/O:<br>A3 = D.P. Switch Illum. Red, 4.8mm tab<br>A7 = D.P. Switch Illum. Green, 4.8mm tab<br>A4 = D.P. Switch Illum. Red, solder tab<br>A8 = D.P. Switch Illum. Green, solder tab | 1.0mm = A<br>1.5mm = B<br>2.0mm = C<br>3.0mm = D |

Vertical Module Arrangement



BVA01/Z0000/02

- Fused Inlet with 2.8mm or 6.3mm tags
- Screw Fixing to Panel
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches

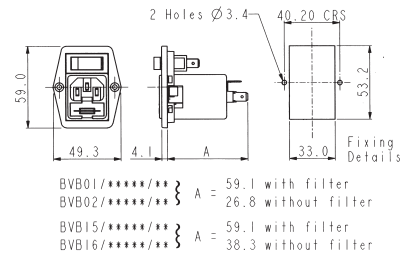


Vertical Module Arrangement



BVB01/Z0000/01

- Fused Inlet with 2.8mm or 6.3mm tags
- Screw Fixing to Panel
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches



How to order -

| BV X  | XX   | /   | XXXXX   | / | XX |
|---|--|---|---|---|----|
| <p><b>Flange Type</b></p> <p>A = Top fixing<br/>B = Side fixing</p> | <p><b>Type of Inlet / Outlet</b></p> <p>Single Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:<br/>01 = PF0011/63<br/>02 = PF0011/28</p> <p>Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:<br/>15 = PF0033/63<br/>16 = PF0033/28</p> | <p><b>Filtered or Non Filtered Inlet</b></p> <p>Z0000 = Non Filtered<br/>Axxxx = Standard</p> <p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179-180<br/>E.g. BVA01/A0620/01</p> | <p><b>Combination of Other Components</b></p> <p>Single Pole Switch:<br/>01 = S.P. Switch</p> <p>Single Pole Neon Switch:<br/>02 = S.P. Red Neon Switch<br/>08 = S.P. Green Neon Switch</p> <p>Neon Indicator:<br/>03 = Red Neon Indicator</p> <p>Single Pole High Inrush Switch:<br/>46 = S.P. High Inrush Switch</p> <p>Single Pole Switch Marked I/O:<br/>69 = S.P. Switch (I/O)</p> <p>Single Pole Neon Switch Marked (I/O):<br/>71 = S.P. Red Neon Switch (I/O)<br/>74 = S.P. Green Neon Switch (I/O)</p> <p>Single Pole High Inrush Switch Marked (I/O):<br/>98 = S.P. High Inrush Switch (I/O)</p> |   |    |

Vertical Module Arrangement



BVA01/Z0000/10

- Fused Inlet with 2.8mm or 6.3mm tags
- Screw Fixing to Panel
- Double Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches



BVA01/\*\*\*\*\*/\*\* } A = 60.9 with filter  
 BVA02/\*\*\*\*\*/\*\* } A = 26.8 without filter  
 BVA15/\*\*\*\*\*/\*\* } A = 60.9 with filter  
 BVA16/\*\*\*\*\*/\*\* } A = 38.3 without filter

Vertical Module Arrangement



BVB01/Z0000/11

- Fused Inlet with 2.8mm or 6.3mm tags
- Screw Fixing to Panel
- Double Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches



BVB01/\*\*\*\*\*/\*\* } A = 60.9 with filter  
 BVB02/\*\*\*\*\*/\*\* } A = 26.8 without filter  
 BVB15/\*\*\*\*\*/\*\* } A = 60.9 with filter  
 BVB16/\*\*\*\*\*/\*\* } A = 38.3 without filter

How to order -

| BV X                              | XX  | / | XXXXX   | / | XX   |
|-----------------------------------|---|---|---|---|--|
| <b>Flange Type</b>                | <b>Type of Inlet / Outlet</b>   |   | <b>Filtered or Non Filtered Inlet</b>   |   | <b>Combination of Other Components</b>   |
| A = Top fixing<br>B = Side fixing | Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:<br><br>01 = PF0011/63<br>02 = PF0011/28<br><br>Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:<br><br>15 = PF0033/63<br>16 = PF0033/28 |   | Z0000 = Non Filtered<br><br>Axxxx = Standard<br><br>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179-180<br>E.g. BVA01/A0620/10 |   | Neon Indicator:<br>D3 = Red Neon Indicator<br><br>Double Pole Switch:<br>10 = D.P. Switch<br><br>Double Pole Neon Switch:<br>11 = D.P. Red Neon Switch<br>12 = D.P. Green Neon Switch<br><br>Double Pole High Inrush Switch:<br>13 = D.P. High Inrush Switch<br><br>Double Pole Switch Marked I/O:<br>70 = D.P. Switch (I/O)<br><br>Double Pole Neon Switch Marked (I/O):<br>76 = D.P. Red Neon Switch (I/O)<br>77 = D.P. Green Neon Switch (I/O)<br><br>Double Pole High Inrush Switch Marked (I/O):<br>78 = D.P. High Inrush Switch (I/O)<br>B1 = D.P. High Inrush Green Neon Switch (I/O) |

EMI Filter Options



BVA01/Z0000/10

- 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



How to order -

B XXXX / 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<br>03 = 3A<br>06 = 6A<br>10 = 10A | 1 = Version 1<br>2 = Version 2<br>3 = Version 3 | 0 = None              | From Polysnap Selection |

| Rating | Version | L1         | Cx       | Cy        |
|--------|---------|------------|----------|-----------|
| 1 AMP  | 1       | 2 x 2.8mH  | 1 x 15nF | 2 x 2.2nF |
| "      | 2       | 2 x 10mH   | 1 x 15nF | 2 x 2.2nF |
| "      | 3       | 2 x 10mH   | 1 x 47nF | 2 x 2.2nF |
| 3 AMP  | 1       | 2 x 0.75mH | 1 x 15nF | 2 x 2.2nF |
| "      | 2       | 2 x 1.8mH  | 1 x 15nF | 2 x 2.2nF |
| "      | 3       | 2 x 1.8mH  | 1 x 47nF | 2 x 2.2nF |
| 6 AMP  | 1       | 2 x 0.3mH  | 1 x 15nF | 2 x 2.2nF |
| "      | 2       | 2 x 0.7mH  | 1 x 15nF | 2 x 2.2nF |
| "      | 3       | 2 x 0.7mH  | 1 x 47nF | 2 x 2.2nF |
| 10 AMP | 1       | 2 x 0.17mH | 1 x 15nF | 2 x 2.2nF |
| "      | 2       | 2 x 0.35mH | 1 x 15nF | 2 x 2.2nF |
| "      | 3       | 2 x 0.17mH | 1 x 47nF | 2 x 2.2nF |

Part No. Example

[BZV03/A0120/02](#)

BZV style Polysnap module with PX0575 IEC power inlet, filter rated at 1 amp, L/C circuit version 2 (L1 = 2 x 10mH, Cx = 1 x 15nF, Cy = 2 x 2.2nF) 6.3mm tabs and single pole red neon switch.

Filter Specification

|   |   |
|---|---|
| <b>Max. Working Voltage:</b>            | 250V a.c. 50-400Hz  |
| <b>Earth Leakage Current:</b>           | <0.35mA (250V, 50Hz)  |
| <b>Temperature Range:</b>               | -25°C to +85°C  |
| <b>Max. Ambient Temp. (@ Full Load)</b> | 40°C (derate linearly to 0A @ 85°C)                                     |
| <b>Test Voltage:</b>                    | 2700V d.c. 2 secs. Lines to Earth<br>1100V d.c. 2 secs. Live to Neutral |

Approvals:

Attenuation Curves: See PS01/A filter, page 183

## 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



## How to order -

| B XXXX                   | / | A                  | XX                            | X                              | X                            | / | XX                       |
|--------------------------|---|--------------------|-------------------------------|--------------------------------|------------------------------|---|--------------------------|
| <b>Polysnap Part No.</b> |   | <b>Filter Type</b> | <b>Rating</b>                 | <b>L/C Circuit</b>             | <b>Additional Components</b> |   | <b>Polysnap Part No.</b> |
| From Polysnap Selection  |   | A = Standard       | 01 = 1A<br>03 = 3A<br>06 = 6A | 2 = Version 2<br>3 = Version 3 | 0 = None                     |   | From Polysnap Selection  |

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

## Part No. Example

BZV01/A0630/01

BZV style Polysnap module with PF0011 single fused (5 x 20mm) IEC power inlet, filter rated at 6 amp, L/C circuit version 3 (L1 = 2 x 2.0mH, Cx = 1 x 47nF, Cy = 2 x 2.2nF), 6.3mm tabs and single pole switch.

## Filter Specification

|   |   |
|---|---|
| <b>Max. Working Voltage:</b>                | 250V a.c. 50-400Hz  |
| <b>Earth Leakage Current:</b>               | <0.35mA (250V, 50Hz)  |
| <b>Temperature Range:</b>                   | -25°C to +85°C  |
| <b>Max. Ambient Temp.:</b><br>(@ Full Load) | 40°C (derate linearly to 0A @ 85°C)                                     |
| <b>Test Voltage:</b>                        | 2700V d.c. 2 secs. Lines to Earth<br>1100V d.c. 2 secs. Live to Neutral |

## Approvals:



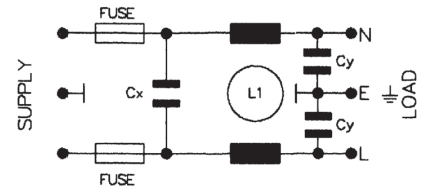
## Attenuation Curves:

See PS21/A filter, page 187

EMI Filter Option



- 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



How to order -

|                          |          |                    |                    |                    |                              |          |                          |
|--------------------------|----------|--------------------|--------------------|--------------------|------------------------------|----------|--------------------------|
| <b>B XXXX</b>            | <b>/</b> | <b>A</b>           | <b>XX</b>          | <b>X</b>           | <b>X</b>                     | <b>/</b> | <b>XX</b>                |
| <b>Polysnap Part No.</b> |          | <b>Filter Type</b> | <b>Rating</b>      | <b>L/C Circuit</b> | <b>Additional Components</b> |          | <b>Polysnap Part No.</b> |
| From Polysnap Selection  |          | A = Standard       | 02 = 2A<br>04 = 4A | 2 = Version 2      | 0 = None                     |          | From Polysnap Selection  |

| Rating | Version | L1        | Cx       | Cy        | Part No. Example   |
|--------|---------|-----------|----------|-----------|--|
| 1 AMP  | 1       |           |          |           | <b>BZH13/A0420/00</b><br><br>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) 6.3mm tabs and no additional components. |
| "      | 2       |           |          |           |  |
| "      | 3       | 2 x 1.8mH | 1 x 15nF | 2 x 2.2nF |  |
| 4 AMP  | 1       |           |          |           |  |
| "      | 2       | 2 x 0.7mH | 1 x 15nF | 2 x 2.2nF |  |
| "      | 3       |           |          |           |  |

Filter Specification

|  |   |
|--|---|
| <b>Max. Working Voltage:</b>             | 250V a.c. 50-400Hz  |
| <b>Earth Leakage Current:</b>            | <0.35mA (250V, 50Hz)  |
| <b>Temperature Range:</b>                | -25°C to +85°C  |
| <b>Max. Ambient Temp.: (@ Full Load)</b> | 40°C (derate linearly to 0A @ 85°C)                                     |
| <b>Test Voltage:</b>                     | 2700V d.c. 2 secs. Lines to Earth<br>1100V d.c. 2 secs. Live to Neutral |

Approvals:

Attenuation Curves: See PS26/A filter, page 189

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А