



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.

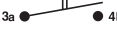
**Note: Components are Approved Individually (where applicable). Please see individual component pages for full specifications.**

### 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

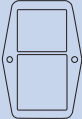
### Switches and Indicators

| 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

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

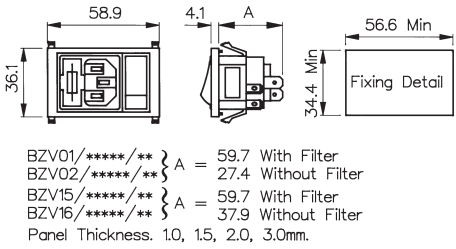


Vertical Module Arrangement



BZV01/Z0000/01

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



How to order -

| BZV XX                                                                                                                                                                                                                                                      | / | XXXXX                                                                                                                                                                                                                         | / | XX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type of Inlet / Outlet</b><br><br>Single Fused C14 Power Inlet (cold condition),<br>6.3 or 2.8mm tabs:<br>01 = PF0011/63<br>02 = PF0011/28<br><br>Twin Fused C14 Power Inlet (cold condition),<br>6.3 or 2.8mm tabs:<br>15 = PF0033/63<br>16 = PF0033/28 |   | <b>Filtered or Non Filtered Inlet</b><br><br>Z0000 = Non Filtered<br>Axxxx = Standard<br><br><a href="#">For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179 -180</a><br>E.g. BZV01/A0620/01 |   | <b>Filtered or Non Filtered Inlet</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) |

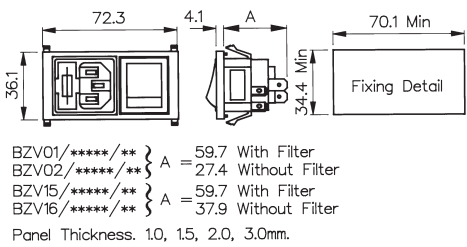


Vertical Module Arrangement



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



How to order -

| BZV XX / XXXXX / XX                                                                                                                                                                                                         |                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of Inlet / Outlet                                                                                                                                                                                                      | Filtered or Non Filtered Inlet                                                                                                                                              | Combination of Other Components                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <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>Z0000 = Non Filtered</p> <p>Axxxx = Standard</p> <p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179-180<br/>E.g. BZV01/A0620/10</p> | <p>Neon Indicator:<br/>D3 = Red Neon Indicator</p> <p>Double Pole Switch:<br/>10 = D.P. Switch</p> <p>Double Pole Neon Switch:<br/>11 = D.P. Red Neon Switch<br/>12 = D.P. Green Neon Switch</p> <p>Double Pole High Inrush Switch:<br/>13 = D.P. High Inrush Switch</p> <p>Double Pole Switch Marked I/O:<br/>70 = D.P. Switch (I/O)</p> <p>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)</p> <p>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)</p> |

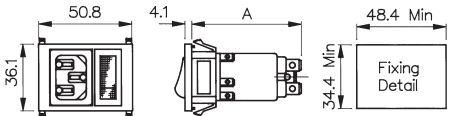


Vertical Module Arrangement



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 -

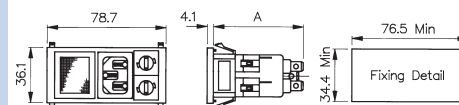
| BZV XX / XXXXX / XX                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type of Inlet / Outlet</b><br><br>C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:<br>03 = PX0575/63<br>04 = PX0575/28<br>C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:<br>05 = PX0595/63<br>06 = PX0595/28<br><br>Please note type 05 and 06 are not available in filtered version | <b>Filtered or Non Filtered Inlet</b><br><br>Z0000 = Non Filtered<br>Axxxx = Standard<br><br>For Filtered inlet use 6th to 9th characters from filter ordering code see page 178<br>E.g. BZV03/A0120/02 | <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>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) |

## 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:

05 = 2 x FX0359 + D.P. Switch

Twin Fuseholder and Double Pole Neon  
Switch:

06 = 2 x FX0359 + D.P. Red Neon

09 = 2 x FX0359 + D.P. Green Neon

19 = 2 x FX0359 + D.P. Red Neon

Switch 125V

Twin Fuseholder and Neon Indicator:  
07 = 2 x FX0359 + Red Neon

Indicator

Voltage Selector, Fuseholder and Double  
Pole Switch:

15 = 1 x VS0001 + 1 x FX0359 +

Double Pole switch

Voltage Selector, Fuseholder and Double  
Pole Neon Switch:

16 = 1 x VS0001 + 1 x FX0359 + D.P.

Red Neon Switch

18 = 1 x VS0001 + 1 x FX0359 + D.P.

Green Neon Switch

Voltage Selector, Fuseholder and Neon  
Indicator:

17 = 1 x VS0001 + 1 x FX0359 + Red

Neon Indicator

Twin Fuseholder and Double Pole High  
Inrush Switch:

20 = 2 x FX0359 + D.P. High Inrush

Switch

Twin Fuseholder and Double Pole High  
Inrush Neon Switch:

21 = 2 x FX0359 + 1 x D.P. High

Inrush Green Neon Switch

22 = 2 x FX0359 + 1 x D.P. High

Inrush Red Neon Switch

Voltage Selector, Neon Indicator and  
Double Pole Switch

25 = 1 x VS0001 + 1 x

DX0928/110V/Red + D.P. Switch

26 = 1 x VS0001 + 1 x

DX0928/110V/Green + D.P. Switch

27 = 1 x VS0001 + 1 x

DX0928/250V/Red + D.P. Switch

28 = 1 x VS0001 + 1 x

DX0928/250V/Green + D.P. Switch

Voltage Selector, Neon Indicator and  
Double Pole High Inrush Switch:

29 = 1 x VS0001 + 1 x

DX0928/250V/Red + D.P. High Inrush

Switch

30 = 1 x VS0001 + 1 x

DX0928/250V/Green + D.P. High

Inrush Switch

Fuseholder, Neon Indicator and Double  
Pole Switch

31 = 1 x FX0359 + 1 x

DX0928/110V/Red + D.P. Switch

32 = 1 x FX0359 + 1 x

DX0928/110V/Green + D.P. Switch

33 = 1 x FX0359 + 1 x

DX0928/250V/Red + D.P. Switch

34 = 1 x Fx0359 + 1 x

DX0928/250V/Green + D.P. Switch

Fuseholder, Neon Indicator and Double  
Pole High Inrush Switch:

35 = 1 x FX0359 + 1 x

DX0928/250V/Red + D.P. High Inrush

Switch

36 = 1 x FX0359 + 1 x

DX0928/250V/Green + D.P. High

Inrush Switch

Fuseholder, Blanking Plate and Double  
Pole High Inrush Neon Switch:

47 = 1 x FX0359 + 1 x Blanking Plate

(Right) + D.P. High Inrush Green Neon

Switch

Fuseholder, Blanking Plate and Double  
Pole Switch:

48 = 1 x FX0359 + 1 x Blanking Plate

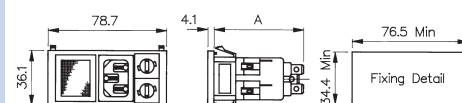
(Right) + D.P. Switch

## 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)

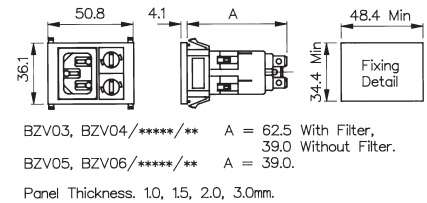
Fuseholder, Blanking Plate and Double Pole Switch Marked (I/O):  
A0 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. Switch (I/O)  
B2 = 1 x VS0002 + 1 x Blanking Plate  
B3 = 1 x FX0359 + 1 x Blanking Plate + D.P. High Inrush Switch (I/O)  
B5 = 1 x VS0001 + 1 x Blanking Plate + D.P. Switch (I/O)

## Vertical Module Arrangement



BZV04/Z0000/04

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



## How to order -

| BZV XX                                                                                                                                                                                                                                                                                               | XXXXX                                                                                                                                                                                                       | XX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type of Inlet / Outlet</b><br><br>C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:<br>03 = PX0575/63<br>04 = PX0575/28<br><br>C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:<br>05 = PX0595/63<br>06 = PX0595/28<br><br>Please note type 05 and 06 are not available in filtered version | <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 page 178<br>E.g. BZV03/A0120/04 | <b>Combination of Other Components</b><br><br>Twin Fuseholder:<br>04 = 2 x FX0359<br><br>Voltage Selector and Fuseholder:<br>14 = 1 x VS0001 + 1 x FX0359<br><br>Voltage selector and Neon:<br>37 = 1 x VS0001 + DX0928/110V/Red<br>38 = 1 x VS0001 + DX0928/110V/Green<br>39 = 1 x VS0001 + DX0928/250V/Red<br>40 = 1 x VS0001 + DX0928/250V/Green<br><br>Fuseholder and Neon:<br>41 = 1 x FX0359 + DX0928/110V/Red<br>42 = 1 x FX0359 + DX0928/110V/Green<br>43 = 1 x FX0359 + DX0928/250V/Red<br>44 = 1 x FX0359 + DX0928/250V/Green<br><br>Fuseholder and Blanking Plate:<br>45 = 1 x FX0359 + Blanking Plate<br><br>Voltage Selector and Blanking Plate:<br>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 -

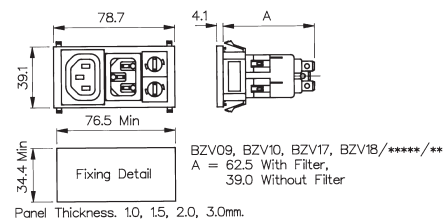
| BZV XX / XXXXX / XX                                                                                  |                                |                                                                                                                                                                   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

## 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 -

**BZV 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. 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

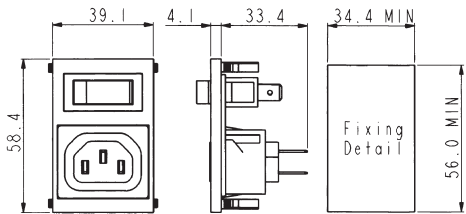
Voltage Selector and Blanking Plate:  
B2 = 1 x VS0001 + Blanking Plate

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 -

| BZV XX / XXXXX / XX                                                                                                                                                                                  |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of Inlet / Outlet                                                                                                                                                                               | Filtered or Non Filtered Inlet | Combination of Other Components                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sheet F Power Outlet (non shuttered), 6.3 or 2.8mm tabs:<br><br>45 = PX0695/63<br>46 = PX0695/28<br><br>Sheet F Power Outlet (shuttered), 6.3 or 2.8mm tabs:<br><br>47 = PX0783/63<br>48 = PX0783/28 | Z0000 = Non Filtered           | 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><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/Z0000/01

- Fused Inlet with 2.8mm or 6.3mm tabs
- 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>                                                                                                                                                                                            |   | <b>Filtered or Non Filtered Inlet</b>                                                                                                                               |   | <b>Combination of Other Components</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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 |   | 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 |   | 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) |

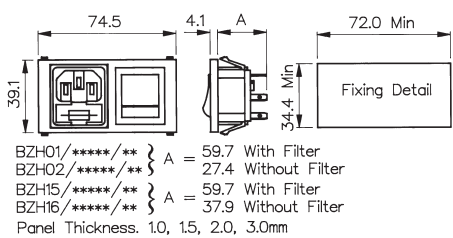


Horizontal Module Arrangement



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                                                                                                                                                                                                                                           |                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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/A0620/10 | <b>Combination of Other Components</b><br><br>Neon Indicator:<br>03 = 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) |

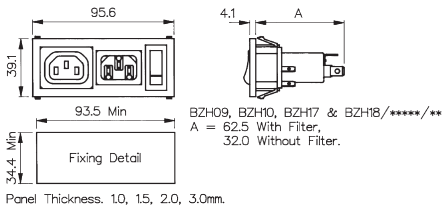


Horizontal Module Arrangement



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 -

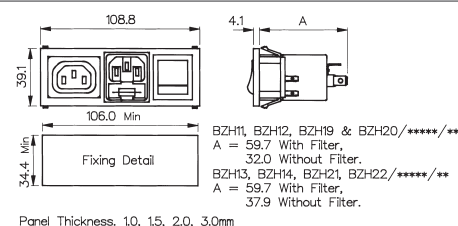
| BZH XX / XXXXX / XX                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type of Inlet / Outlet</b><br><br>C14 Power Inlet (cold condition) and Sheet F<br>Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:<br><br>09 = PX0575/63 + PX0695/63<br>10 = PX0575/28 + PX0695/28<br><br>C14 Power Inlet (cold condition) and Sheet F<br>Shuttered Power Outlet , 2.8 or 6.3mm tabs:<br><br>17 = PX0575/63 + PX0783/63<br>18 = PX0575/28 + PX0783/28 | <b>Filtered or Non Filtered Inlet</b><br><br>Z0000 = Non Filtered<br><br>Axxxx = Standard<br><br><a href="#">For Filtered inlet use 6th to 9th characters from filter ordering code see page 178</a><br><a href="#">E.g. BZH09/A0120/01</a> | <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



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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type of Inlet / Outlet</b><br><br>Single Fused C14 Power Inlet (cold condition) and Sheet F 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 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/A0620/10 | <b>Combination of Other Components</b><br><br>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) |

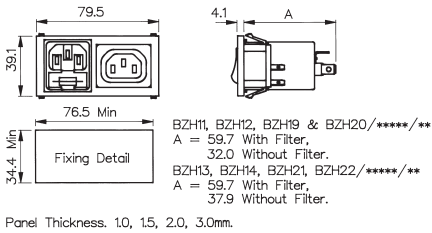


Horizontal Module Arrangement



BZH11/Z0000/00

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



How to order -

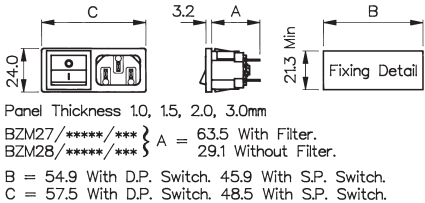
| BZH XX                                                                                                   | / | XXXXXX                                | / | XX                                     |
|----------------------------------------------------------------------------------------------------------|---|---------------------------------------|---|----------------------------------------|
| <b>Type of Inlet / Outlet</b>                                                                            |   | <b>Filtered or Non Filtered Inlet</b> |   | <b>Combination of Other Components</b> |
| Single Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs: |   | Z0000 = Non Filtered                  |   | None                                   |
|                                                                                                          |   | Axxxx = Standard                      |   | 00 = None                              |
| 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                                                                               |   |                                       |   |                                        |

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



How to order -

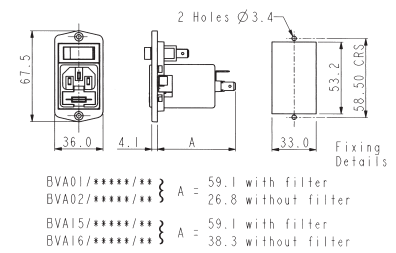
| BZM XX / XXXXX / XX / X                                                                                            |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                  |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 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><a href="#">For Filtered inlet use 6th to 9th characters from filter ordering code see page 178</a><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

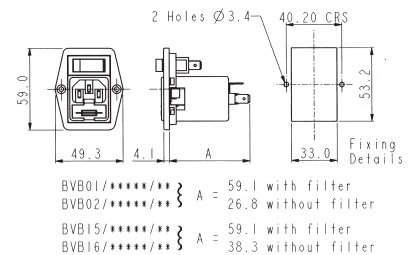


## Vertical Module Arrangement



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 -

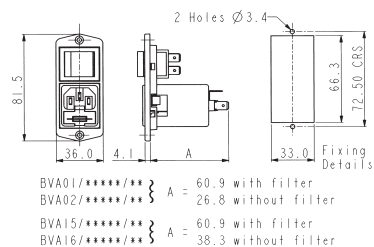
| BV X            |  | XX                                                                |  | / XXXXX                                                                                                         |  | / XX                                                                                     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

## 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

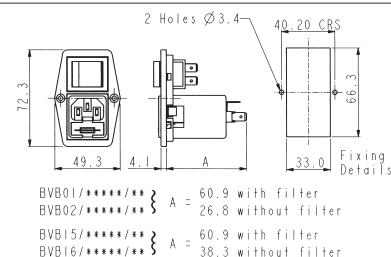


## Vertical Module Arrangement



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



## How to order -

| BV X                              | XX                                                                                                                                                                                                                | / | XXXXX                                                                                                                                                               | / | XX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flange Type                       | Type of Inlet / Outlet                                                                                                                                                                                            |   | Filtered or Non Filtered Inlet                                                                                                                                      |   | Combination of Other Components                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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  | 1 = Version 1 | 0 = None              | From Polysnap Selection |
|                         |              | 03 = 3A  | 2 = Version 2 |                       |                         |
|                         |              | 06 = 6A  | 3 = Version 3 |                       |                         |
|                         |              | 10 = 10A |               |                       |                         |

| 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

|                                      |                                                                         |
|--------------------------------------|-------------------------------------------------------------------------|
| 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.:<br>(@ Full Load) | 40°C (derate linearly to 0A @ 85°C)                                     |
| Test Voltage:                        | 2700V d.c. 2 secs. Lines to Earth<br>1100V d.c. 2 secs. Live to Neutral |

#### Approvals:



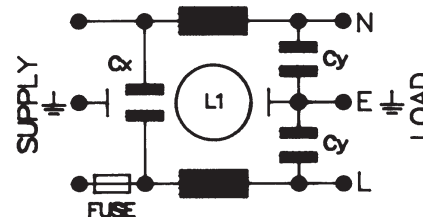
#### Attenuation Curves:

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                      |
|-------------------------|---|--------------|-------------------------------|--------------------------------|-----------------------|---|-------------------------|
| 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 | 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>    | 40°C (derate linearly to 0A @ 85°C)                                     |
| <b>(@ Full Load)</b>          |                                                                         |
| <b>Test Voltage:</b>          | 2700V d.c. 2 secs. Lines to Earth<br>1100V d.c. 2 secs. Live to Neutral |

## Approvals:



## Attenuation Curves:

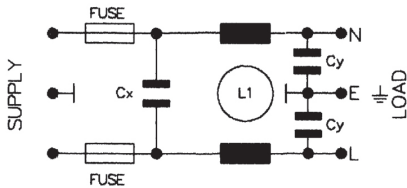
See PS21/A filter, page 187



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 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 | 02 = 2A<br>04 = 4A | 2 = Version 2 | 0 = None              | From Polysnap Selection |

| Rating | Version | L1        | Cx       | Cy        |
|--------|---------|-----------|----------|-----------|
| 1 AMP  | 1       |           |          |           |
| "      | 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       |           |          |           |

**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) 6.3mm tabs and no additional components.

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.: (@ Full Load) | 40°C (derate linearly to 0A @ 85°C)                                     |
| Test Voltage:                     | 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