





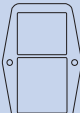
With over 26,000 combinations Bulgin's mains power entry modules offer a very adaptable and flexible solution to panel design. Power entry modules allow combinations of mains inlets and outlets, filtered inlets, switches, fuseholders, voltage selectors and indicators mounted in either horizontal or vertical 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.**

## Overview of Power Entry Modules

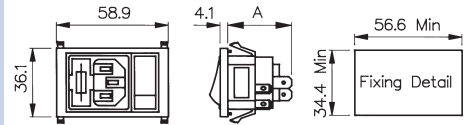
Style	Inlets				Outlets	Inlet/ Outlet Combinations	
	C14	C14 Fused	C16	C20	Sheet F	C14	C14 Fused
Snap to Panel Vertical  	With Single Contact switch Page 163  With other components Pages 164, 165, 166	With Single Contact switch Page 161  With Double Contact Switch Page 162	With Single Contact switch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

Vertical Module Arrangement



BZV01/Z0000/01

- Fused Inlet with 2.8mm or 6.3mm tags
- Single Contact 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 -



**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 Contact Switch:  
01 = S.P. Switch

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

Neon Indicator:  
03 = Red Neon Indicator

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

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

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

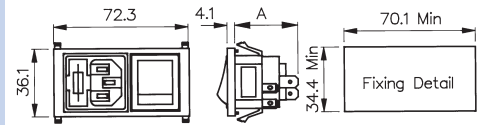
Single Contact High Inrush Switch Marked (I/O):  
98 = S.P. High Inrush Switch (I/O)

## Vertical Module Arrangement



BZV01/Z0000/10

- Fused Inlet with 2.8mm or 6.3mm tabs
- Double Contact 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 Contact Switch:  
10 = D.P. Switch

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

Double Contact High Inrush Switch:  
13 = D.P. High Inrush Switch

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

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

Double Contact High Inrush Switch Marked  
(I/O):

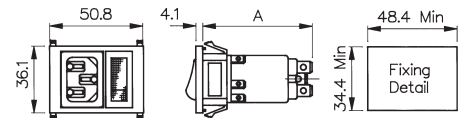
78 = D.P. High Inrush Switch (I/O)  
B1 = D.P. High Inrush Green Neon Switch  
(I/O)

## Vertical Module Arrangement



BZV03/Z0000/02

- Inlet with 2.8mm or 6.3mm tags
- Single Contact 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 Contact Switch:  
01 = S.P. Switch

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

Neon Indicator:  
03 = Red Neon Indicator  
Single Contact High Inrush Switch:  
46 = S.P. High Inrush Switch

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

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

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

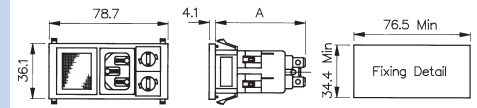
98 = S.P. High Inrush Switch (I/O)

## Vertical Module Arrangement



BZV03/Z0000/07

- Inlet with 2.8mm or 6.3mm tags
- Double Contact 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

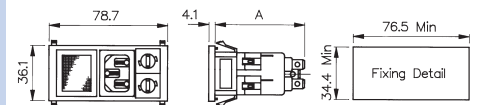
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components	
C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:	Z0000 = Non Filtered Axxxx = Standard	Twin Fuseholder and Double Contact Switch: 05 = 2 x FX0359 + D.P. Switch	Voltage Selector, Neon Indicator and Double Contact Switch 25 = 1 x VS0001 + 1 x DX0928/110V/Red + D.P. Switch
03 = PX0575/63 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 Contact Neon Switch: 06 = 2 x FX0359 + D.P. Red Neon Switch 09 = 2 x FX0359 + D.P. Green Neon Switch 19 = 2 x FX0359 + D.P. Red Neon Switch 125V	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
C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:		Twin Fuseholder and Neon Indicator: 07 = 2 x FX0359 + Red Neon Indicator	Voltage Selector, Neon Indicator and Double Contact 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
05 = PX0595/63 06 = PX0595/28		Voltage Selector, Fuseholder and Double Contact Switch: 15 = 1 x VS0001 + 1 x FX0359 + Double Contact switch	Fuseholder, Neon Indicator and Double Contact 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
Please note type 05 and 06 are not available in filtered version		Voltage Selector, Fuseholder and Double Contact 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	Fuseholder, Neon Indicator and Double Contact 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
		Voltage Selector, Fuseholder and Neon Indicator: 17 = 1 x VS0001 + 1 x FX0359 + Red Neon Indicator	Fuseholder, Blanking Plate and Double Contact High Inrush Neon Switch: 47 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. High Inrush Green Neon Switch
		Twin Fuseholder and Double Contact High Inrush Switch: 20 = 2 x FX0359 + D.P. High Inrush Switch	Fuseholder, Blanking Plate and Double Contact Switch: 48 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. Switch
		Twin Fuseholder and Double Contact 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	

## Vertical Module Arrangement



BZV03/Z0000/07

- Inlet with 2.8mm or 6.3mm tags
- Double Contact 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 Contact Switch Marked (I/O):  
72 = 2 x FX0359 + D.P. Switch (I/O)

Twin Fuseholder and Double Contact 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 Contact Switch Marked (I/O):  
79 = 1 x VS0001 + 1 x FX0359 + Double Contact switch (I/O)

Voltage Selector, Fuseholder and Double Contact 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 Contact High Inrush Switch Marked (I/O):  
83 = 2 x FX0359 + D.P. High Inrush Switch (I/O)

Twin Fuseholder and Double Contact 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 Contact 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 Contact 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 Contact 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 Contact 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 Contact 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)

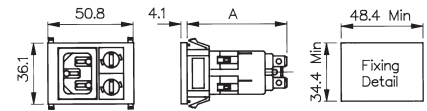
Fuseholder, Blanking Plate and Double Contact Switch Marked (I/O):  
A0 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. Switch (I/O)  
B2 = 1 x VS0002 + 1 x Blanking Plate  
B3 = 1 x FX0359 + 1 x Blanking Plate + D.P. High Inrush Switch (I/O)  
B5 = 1 x VS0001 + 1 x Blanking Plate + D.P. Switch (I/O)

## Vertical Module Arrangement



BZV04/Z0000/04

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



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

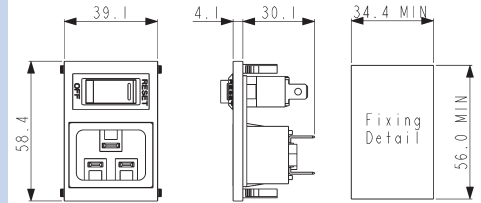


## Vertical Module Arrangement



BZV49/Z0000/69

- Inlet with 4.8mm or 6.3mm tags
- Single Contact 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 Contact Switch:  
01 = S.P. Switch

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

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

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

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

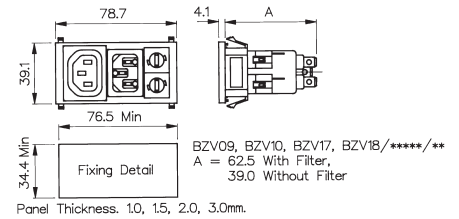
71 = S.P. Switch Illuminated Red (I/O)  
74 = S.P. Switch Illuminated Green (I/O)

## 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 -

**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

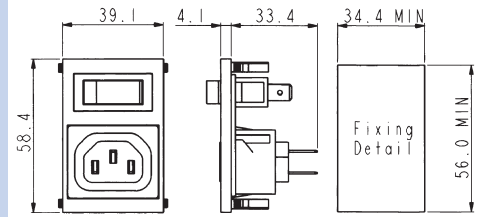
Voltage Selector and Blanking Plate:  
B2 = 1 x VS0001 + Blanking Plate

Vertical Module Arrangement



BZV45/Z0000/02

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



**How to order -**

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

**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 Contact Switch:  
 01 = S.P. Switch

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

Neon Indicator:  
 03 = Red Neon Indicator

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

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

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

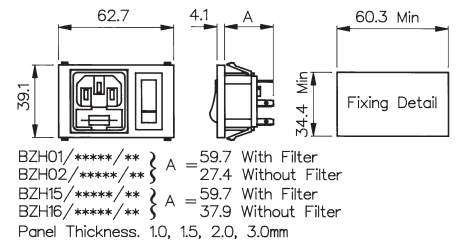
Single Contact High Inrush Switch Marked (I/O):  
 98 = S.P. High Inrush Switch (I/O)

## Horizontal Module Arrangement



BZH01/Z0000/01

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



## How to order -

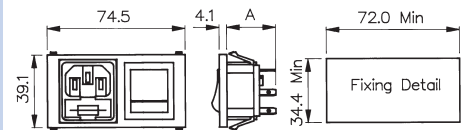
BZH XX	/ XXXXX	/ XX
<b>Type of Inlet / Outlet</b>  Single Fused C14 Power Inlet (cold condition), 2.8 or 6.3mm tabs:  01 = PF0011/63 02 = PF0011/28  Twin Fused C14 Power Inlet (cold condition), 2.8 or 6.3mm tabs:  15 = PF0033/63 16 = PF0033/28	<b>Filtered or Non Filtered Inlet</b>  Z0000 = Non Filtered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

## Horizontal Module Arrangement



BZH01/Z0000/10

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



BZH01/\*\*\*\*\*/\*\* } A = 59.7 With Filter  
 BZH02/\*\*\*\*\*/\*\* } A = 27.4 Without Filter  
 BZH15/\*\*\*\*\*/\*\* } A = 59.7 With Filter  
 BZH16/\*\*\*\*\*/\*\* } A = 37.9 Without Filter  
 Panel Thickness: 1.0, 1.5, 2.0, 3.0mm

## 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 Contact Switch:  
10 = D.P. Switch

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

Double Contact High Inrush Switch:  
13 = D.P. High Inrush Switch

Double Contact Switch marked I/O:  
70 = D.P. Switch (I/O)

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

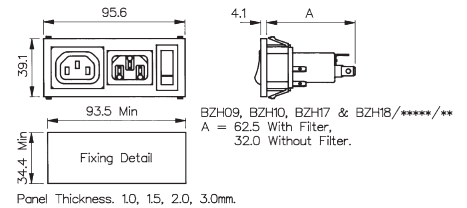
Double Contact High Inrush Switch Marked  
(I/O):  
78 = D.P. High Inrush Switch (I/O)  
B1 = D.P. High Inrush Green Neon Switch  
(I/O)

## Horizontal Module Arrangement



BZH09/Z0000/01

- Inlet/Outlet Combination with 2.8mm or 6.3mm tags
- Shuttered or Non-Shuttered Outlet
- Single Contact 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 Contact Switch:  
01 = S.P. Switch

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

Neon Indicator:  
03 = Red Neon Indicator

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

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

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

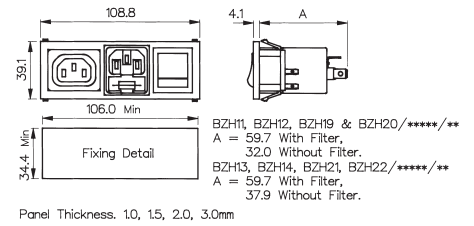
Single Contact High Inrush Switch Marked (I/O):  
98 = S.P. High Inrush Switch (I/O)

## 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 Contact 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 Contact Switch:  
 10 = D.P. Switch

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

Double Contact High Inrush Switch:  
 13 = D.P. High Inrush Switch

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

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

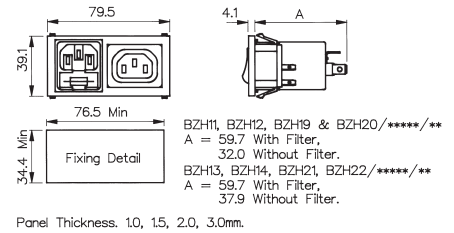
Double Contact High Inrush Switch Marked (I/O):  
 78 = D.P. High Inrush Switch (I/O)  
 B1 = D.P. High Inrush Green Neon Switch (I/O)

## 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 -

<b>BZH XX</b>	<b>/ XXXXX</b>	<b>/ XX</b>
<p><b>Type of Inlet / Outlet</b></p> <p>Single Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:</p> <p>11 = PF0011/63 + PX0695/63            12 = PF0011/28 + PX0695/28</p> <p>Twin Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:</p> <p>13 = PF0033/63 + PX0695/63            14 = PF0033/28 + PX0695/28</p> <p>Single Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:</p> <p>19 = PF0011/63 + PX0783/63            20 = PF0011/28 + PX0783/28</p> <p>Twin Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:</p> <p>21 = PF0033/63 + PX0783/63            22 = PF0033/28 + PX0783/28</p>	<p><b>Filtered or Non Filtered Inlet</b></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            E.g. BZH11/A0620/00</p>	<p><b>Combination of Other Components</b></p> <p>None</p> <p>00 = None</p>

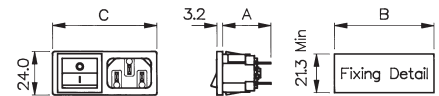


## Minimum Combined Bezel Size



BZM27/Z0000/57B

- Inlet with 2.8, 4.8 or 6.3mm tags
- Horizontal Module Arrangement
- Single and Double Contact 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 -

**BZM XX****XXXXX****XX****X****Type of Inlet / Outlet**

C14 Power Inlet (cold condition), 6.3, 4.8 & 2.8mm tabs:

27 = PX0575/63  
 42 = PX0575/48  
 28 = PX0575/28

**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. BZM27/A0120/57B

**Switch Variation**

Single Contact Switch, 4.8mm or solder tab, marked I/O:  
 53 = S.P. Switch, 4.8mm tab (I/O)  
 54 = S.P. Switch, solder tab (I/O)

Single Contact Illuminated Switch, 4.8mm or solder tab:  
 55 = S.P. Switch Illum. Red, 4.8mm tab  
 61 = S.P. Switch Illum. Green, 4.8mm tab  
 56 = S.P. Switch Illum. Red, solder tab  
 62 = S.P. Switch Illum. Green, solder tab

Double Contact Switch, 4.8mm or solder tab, marked I/O:  
 57 = D.P. Switch, 4.8mm tab (I/O)  
 58 = D.P. Switch, solder tab (I/O)

Double Contact Illuminated Switch, 4.8mm or solder tab:  
 59 = D.P. Switch Illum. Red, 4.8mm tab  
 63 = D.P. Switch Illum. Green, 4.8mm tab  
 60 = D.P. Switch Illum. Red, solder tab  
 64 = D.P. Switch Illum. Green, solder tab

Double Contact High Inrush, 4.8mm tabs:  
 65 = D.P. High Inrush Switch, 4.8mm tabs (S.P. format)

Double Contact High Inrush, 4.8mm tabs, marked I/O:  
 68 = D.P. High Inrush Switch, 4.8mm tabs, I/O (S.P. format)

Single Contact Illuminated Switch, 4.8mm or solder tab, Marked I/O:  
 A1 = S.P. Switch Illum. Red, 4.8mm tab (I/O)  
 A5 = S.P. Switch Illum. Green, 4.8mm tab (I/O)  
 A2 = S.P. Switch Illum. Red, solder tab (I/O)  
 A6 = S.P. Switch Illum. Green, solder tab (I/O)

Double Contact Illuminated Switch, 4.8mm or solder tab, Marked I/O:  
 A3 = D.P. Switch Illum. Red, 4.8mm tab  
 A7 = D.P. Switch Illum. Green, 4.8mm tab  
 A4 = D.P. Switch Illum. Red, solder tab  
 A8 = D.P. Switch Illum. Green, solder tab

**Panel Thickness**

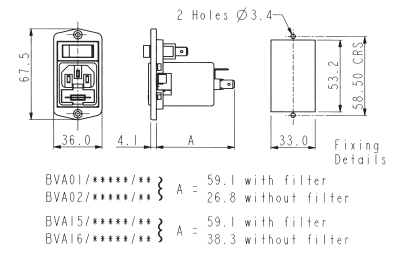
1.0mm = A  
 1.5mm = B  
 2.0mm = C  
 3.0mm = D

Vertical Module Arrangement



BVA01/Z0000/02

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

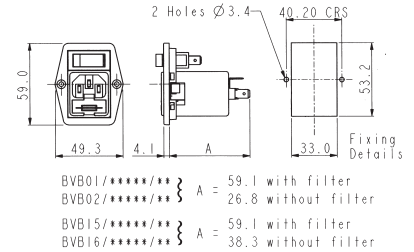


Vertical Module Arrangement



BVB01/Z0000/01

- Fused Inlet with 2.8mm or 6.3mm tags
- Screw Fixing to Panel
- Single Contact 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 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: 01 = PF0011/63 02 = PF0011/28</p> <p>Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs: 15 = PF0033/63 16 = PF0033/28</p>	<p><b>Filtered or Non Filtered Inlet</b></p> <p>Z0000 = Non Filtered Axxxx = Standard</p> <p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179-180 E.g. BVA01/A0620/01</p>	<p><b>Combination of Other Components</b></p> <p>Single Contact Switch: 01 = S.P. Switch</p> <p>Single Contact Neon Switch: 02 = S.P. Red Neon Switch 08 = S.P. Green Neon Switch</p> <p>Neon Indicator: 03 = Red Neon Indicator</p> <p>Single Contact High Inrush Switch: 46 = S.P. High Inrush Switch</p> <p>Single Contact Switch Marked I/O: 69 = S.P. Switch (I/O)</p> <p>Single Contact Neon Switch Marked (I/O): 71 = S.P. Red Neon Switch (I/O) 74 = S.P. Green Neon Switch (I/O)</p> <p>Single Contact High Inrush Switch Marked (I/O): 98 = S.P. High Inrush Switch (I/O)</p>

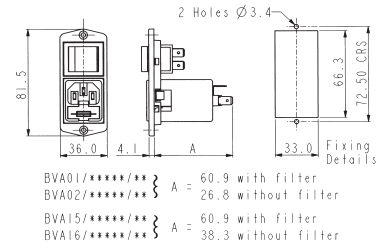


Vertical Module Arrangement



BVA01/Z0000/10

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

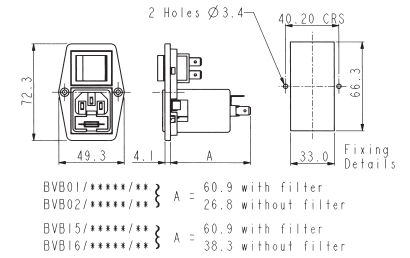


Vertical Module Arrangement



BVB01/Z0000/11

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



How to order -

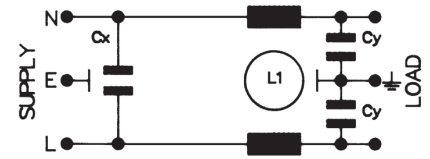
<b>BV X</b>	<b>XX</b>	<b>/</b>	<b>XXXXX</b>	<b>/</b>	<b>XX</b>
<p><b>Flange Type</b></p> <p>A = Top fixing B = Side fixing</p>	<p><b>Type of Inlet / Outlet</b></p> <p>Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs: 01 = PF0011/63 02 = PF0011/28</p> <p>Twin Fused C14 Power Inlet (cold condition),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

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 03 = 3A 06 = 6A 10 = 10A	1 = Version 1 2 = Version 2 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 Contact 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 1100V d.c. 2 secs. Live to Neutral

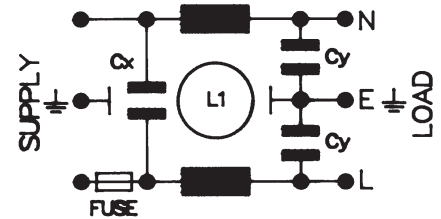
Approvals:

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 03 = 3A 06 = 6A	2 = Version 2 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 Contact 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 1100V d.c. 2 secs. Live to Neutral

## Approvals:



## Attenuation Curves:

See PS21/A filter, page 187