



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.

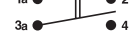
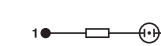
Note: Components are Approved Individually (where applicable). Please see individual component pages for full specifications.

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 See Page 192	
PF0011	C14 Power Inlet with Integral 5 x 20mm Fuseholder	Max. rating 10A. 250V a.c. See Page 136	    
PF0033	C14 Power Inlet with Integral twin 5 x 20mm Fuseholder	Max. rating 10A. 250V a.c. See Page 137	   
PX0575	C14 Power Inlet, Cold condition	Max. rating 10A. 250V a.c. See Page 132	   
PX0595	C16 Power Inlet, Hot Condition	Max. rating 10A. 250V a.c. See Page 138	   
PX0695	Sheet F Power Outlet	Max. rating 10A. 250V a.c. See Page 145	   
PX0783	Sheet F Shuttered Power Outlet	Max. rating 10A. 250V a.c. See Page 146	   
PX0598	C20 Power Inlet	Max. rating 16A, 250V a.c. See Page 148	   
VS0001	Voltage Selector marked 120/240V	Max. rating 6.3A. 120/240V a.c. See Page 114	 

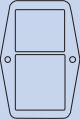
*Filtered options for 6.3mm tag versions only

Switches and Indicators

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

RoHS Power Entry Module range and all components are compliant

Overview of Power Entry Modules

							
Style	C14	Inlets		C20	Outlets Sheet F	Inlet/ Outlet Combinations	
		C14 Fused	C16			C14	C14 Fused
Snap to Panel Vertical	With Single Con- tact switch Page 163 With other components Pages 164, 165, 166	With Single Con- tact switch Page 161 With Double Contact Switch Page 162	With Single Contact switch Page 163 With other components Pages 164, 165, 166	With Single Con- tact 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					
							

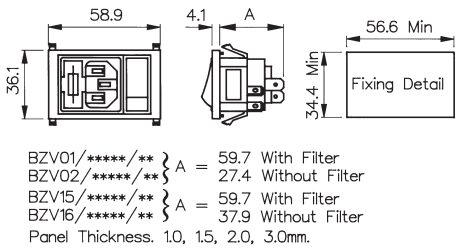


Vertical Module Arrangement



BZV01/Z0000/01

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



How to order -

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

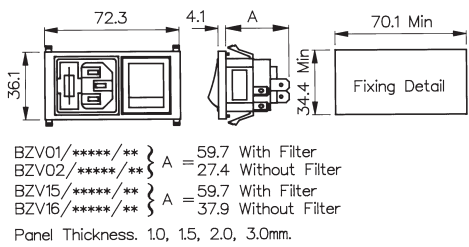


Vertical Module Arrangement



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



How to order -

BZV XX / XXXXX / XX		
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
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	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	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)

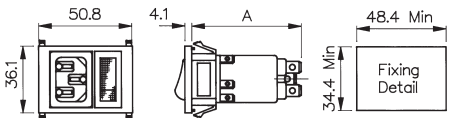


Vertical Module Arrangement



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 -

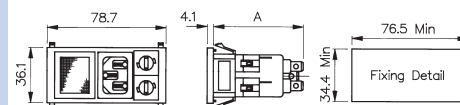
BZV XX / XXXXX / XX		
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs: 03 = PX0575/63 04 = PX0575/28 C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs: 05 = PX0595/63 06 = PX0595/28 Please note type 05 and 06 are not available in filtered version	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	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

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:
05 = 2 x FX0359 + D.P. Switch

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

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

Voltage Selector, Fuseholder and Double
Contact Switch:
15 = 1 x VS0001 + 1 x FX0359 +
Double Contact switch

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

Voltage Selector, Fuseholder and Neon
Indicator:
17 = 1 x VS0001 + 1 x FX0359 + Red
Neon Indicator

Twin Fuseholder and Double Contact High
Inrush Switch:
20 = 2 x FX0359 + D.P. High Inrush
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

Voltage Selector, Neon Indicator and
Double Contact 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 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

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

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

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

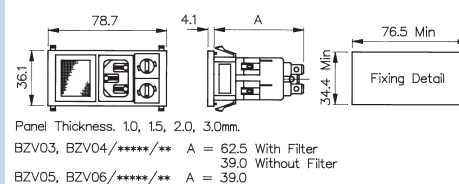
Fuseholder, Blanking Plate and Double
Contact Switch:
48 = 1 x FX0359 + 1 x Blanking Plate
(Right) + D.P. Switch

Vertical Module Arrangement



BZV03/Z0000/07

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



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)

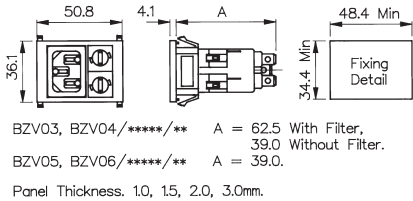


Vertical Module Arrangement



BZV04/Z0000/04

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



How to order -

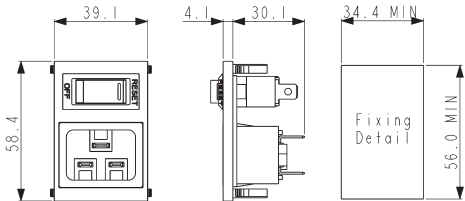
BZV XX / XXXXX / XX		
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs: 03 = PX0575/63 04 = PX0575/28 C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs: 05 = PX0595/63 06 = PX0595/28 Please note type 05 and 06 are not available in filtered version	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	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 -

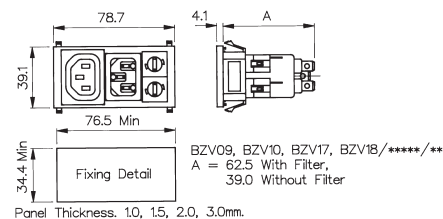
BZV XX / XXXXX / XX		
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
C20 Power Inlet (cold condition), 4.8 or 6.3mm tabs: 49 = PX0598/63 50 = PX0598/48	Z0000 = Non Filtered	Single Contact Switch: 01 = S.P. Switch Single Contact Switch Marked (I/O): 69 = S.P. Switch (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

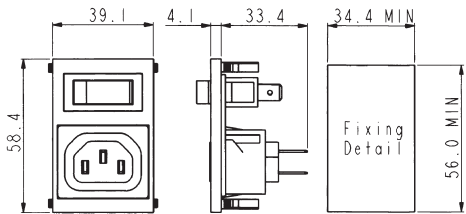


Vertical Module Arrangement



BZV45/Z0000/02

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



How to order -

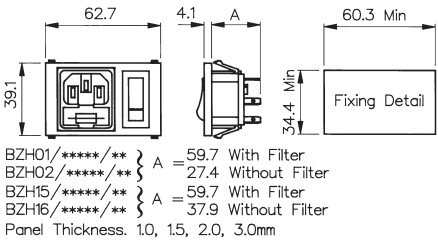
BZV XX / XXXXX / XX		
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
Sheet F Power Outlet (non shuttered), 6.3 or 2.8mm tabs: 45 = PX0695/63 46 = PX0695/28 Sheet F Power Outlet (shuttered), 6.3 or 2.8mm tabs: 47 = PX0783/63 48 = PX0783/28	Z0000 = Non Filtered	Single 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 tabs
- Single Contact Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches



How to order -

BZH XX	/	XXXXX	/	XX
Type of Inlet / Outlet		Filtered or Non Filtered Inlet		Combination of Other Components
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		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		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)

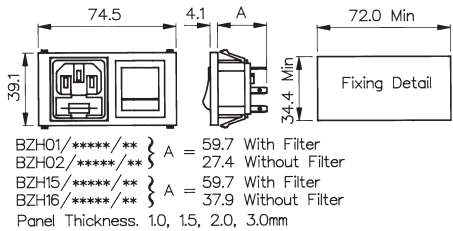


Horizontal Module Arrangement



BZH01/Z0000/10

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



How to order -

BZH XX / XXXXX / XX		
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
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	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	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)

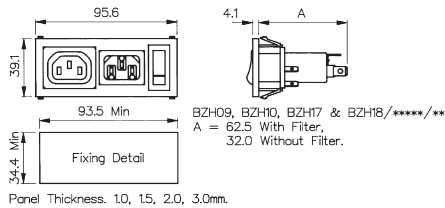


Horizontal Module Arrangement



BZH09/Z0000/01

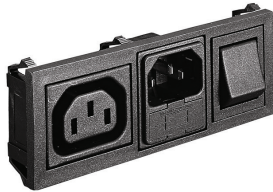
- ⬡ Inlet/Outlet Combination with 2.8mm or 6.3mm tags
- ⬡ Shuttered or Non-Shuttered Outlet
- ⬡ Single Contact Switch Variations
- ⬡ Filtered Inlet Option
- ⬡ Options of I/O marked switches



How to order -

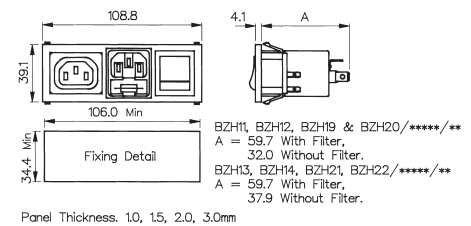
BZH XX / XXXXX / XX		
Type of Inlet / Outlet C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs: 09 = PX0575/63 + PX0695/63 10 = PX0575/28 + PX0695/28 C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet , 2.8 or 6.3mm tabs: 17 = PX0575/63 + PX0783/63 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 -

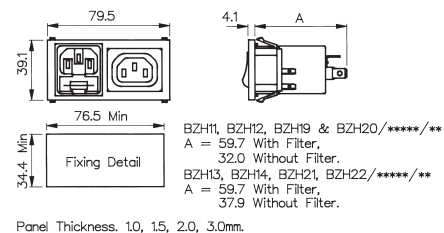
BZH XX	XXXXX	XX
Type of Inlet / Outlet Single Fused C14 Power Inlet (cold condition) and Sheet F Power Outlet, 2.8 or 6.3mm tabs: 11 = PF0011/63 + PX0695/63 12 = PF0011/28 + PX0695/28 Twin Fused C14 Power Inlet (cold condition) and Sheet F Power Outlet, 2.8 or 6.3mm tabs: 13 = PF0033/63 + PX0695/63 14 = 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 -

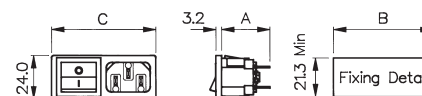
BZH XX	/	XXXXX	/	XX
Type of Inlet / Outlet		Filtered or Non Filtered Inlet		Combination of Other Components
Single Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:		Z0000 = Non Filtered		None
11 = PF0011/63 + PX0695/63 12 = PF0011/28 + PX0695/28		Axxxx = Standard		00 = None
Twin Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:		For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179-180 E.g. BZH11/A0620/00		
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 Contact Switch Variations
- ⬡ Filtered Inlet Option



Panel Thickness 1.0, 1.5, 2.0, 3.0mm

BZM27/****/*** } A = 63.5 With Filter.
 BZM28/****/*** } 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 -

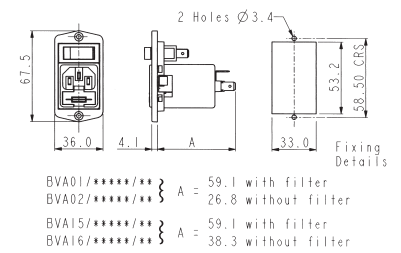
BZM XX / XXXXX / XX / X			
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Switch Variation	Panel Thickness
C14 Power Inlet (cold condition), 6.3, 4.8 & 2.8mm tabs: 27 = PX0575/63 42 = PX0575/48 28 = PX0575/28	Z0000 = Non Filtered Axxxx = Standard For Filtered inlet use 6th to 9th characters from filter ordering code see page 178 E.g. BZM27/A0120/57B	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	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

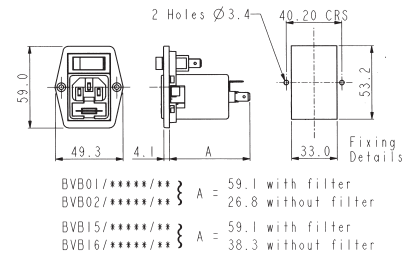


Vertical Module Arrangement



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 -

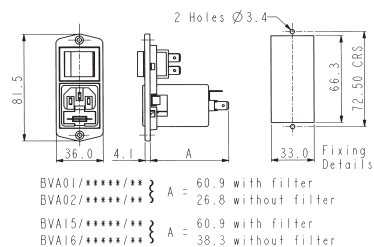
BV X	XX	/	XXXXX	/	XX
Flange Type	Type of Inlet / Outlet		Filtered or Non Filtered Inlet		Combination of Other Components
A = Top fixing	Single Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:		Z0000 = Non Filtered		Single Contact Switch: 01 = S.P. Switch
B = Side fixing	01 = PF0011/63 02 = PF0011/28		Axxxx = Standard		Single Contact Neon Switch: 02 = S.P. Red Neon Switch 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 E.g. BVA01/A0620/01		Neon Indicator: 03 = Red Neon Indicator
	15 = PF0033/63 16 = PF0033/28				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



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

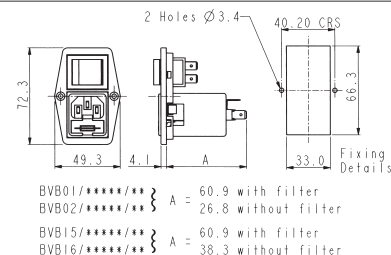


Vertical Module Arrangement



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 -

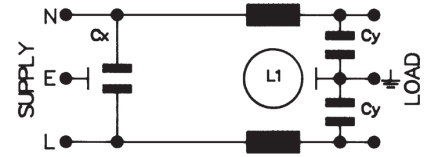
BV X	XX	/	XXXXX	/	XX
Flange Type	Type of Inlet / Outlet		Filtered or Non Filtered Inlet		Combination of Other Components
A = Top fixing B = Side fixing	Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs: 01 = PF0011/63 02 = PF0011/28 Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs: 15 = PF0033/63 16 = PF0033/28		Z0000 = Non Filtered Axxxx = Standard For Filtered inlet use 6th to 9th characters from filter ordering code see pages 179-180 E.g. BVA01/A0620/10		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)

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

Approvals:



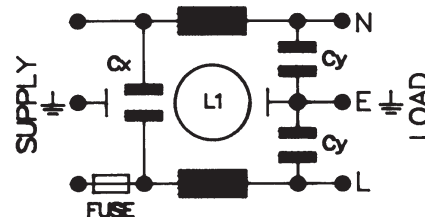
Attenuation Curves:

See PS01/A filter, page 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 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

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

Approvals:



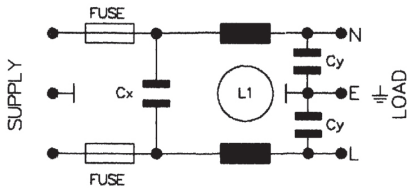
Attenuation Curves:

See PS21/A filter, page 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 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 1100V d.c. 2 secs. Live to Neutral

Approvals:

Attenuation Curves: See PS26/A filter, page 189

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[Bulgin:](#)

[BZV03/A0620/09](#) [BZV03/Z0000/07](#) [BZVO1/Z0000/71](#) [BZV15/Z0000/70](#)