Polysnap®

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

Polysnap allow combinations of mains inlets and outlets, filtered inlets, switches, fuseholders, voltage selectors, indicators and circuit breakers mounted in either horizontal or vertical format bezels ready for quick snap-fit assembly. The compact design occupies the minimum of panel area and a single rectangular mounting hole, offering easy installation for this mains power entry module.

To complement Polysnap the Polyflange range offers a flange fixing alternative for designers who prefer the security of screw fixing.

All types and variations are available through Bulgin's extensive distribution network.

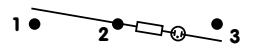
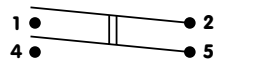
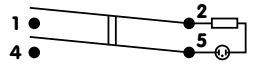
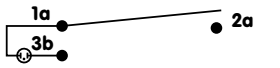
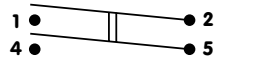
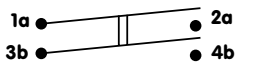
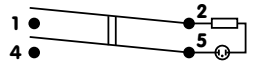
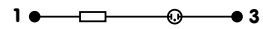
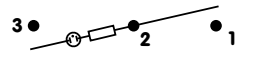
Components used in Polysnap® and Polyflange Power Inlet Modules

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

IEC CONNECTORS, FUSEHOLDERS AND VOLTAGE SELECTORS

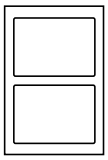
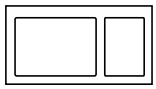
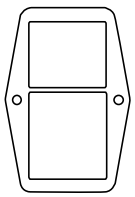
Type	Description	Rating	Approvals
DX0928	Neon Indicator	110V or 250V a.c./d.c. working	
FX0359	5 x 20mm Fuseholder	Max. rating 10A. 250V See Page 156	
PF0011	C14 Power Inlet with Integral 5 x 20mm Fuseholder	Max. rating 10A. 250V a.c. See Page 67	
PF0033	C14 Power Inlet with Integral twin 5 x 20mm Fuseholder	Max. rating 10A. 250V a.c. See Page 68	
PX0575	C14 Power Inlet, Cold condition	Max. rating 10A. 250V a.c. See Page 63	
PX0595	C16 Power Inlet, Hot Condition	Max. rating 10A. 250V a.c. See Page 69	
PX0695	Sheet F Power Outlet	Max. rating 10A. 250V a.c. See Page 76	
PX0783	Sheet F Shuttered Power Outlet	Max. rating 10A. 250V a.c. See Page 77	
PX0598	C20 Power Inlet	Max. rating 16A, 250V a.c. See Page 79	
VS0001	Voltage Selector marked 120/240V	Max. rating 6.3A. 120/240V a.c. See Page 196	

SWITCHES, INDICATORS AND CIRCUIT BREAKERS

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. 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. Inrush current, 150A to IEC65.		
	Illuminated	Max. rating 16A Resistive, 4A Inductive, 250Vac. 250Vac Neon.		
For Mini Bezel:				
Single Pole	Non-illuminated	Max. rating 10A Resistive, 4A Inductive, 250Vac.		
	Illuminated	Max. rating 10A Resistive, 4A Inductive, 250Vac. 250Vac Neon.		
Double Pole	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.		
Circuit Breaker	Non-illuminated			
	Illuminated	125Vac and 250Vac Neons.		

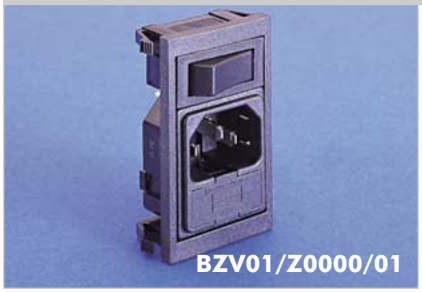
RoHS Polysnap and Polyflange range and all components are compliant

OVERVIEW OF POLYSNAP MODULES

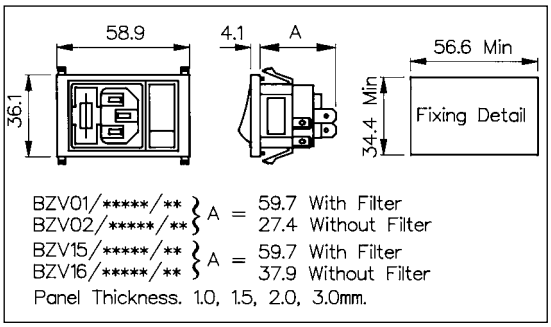
Style	INLETS C14	INLETS C14 Fused	INLETS C16	INLETS C20	OUTLETS Sheet F	INLET/OUTLET COMBINATIONS C14	INLET/OUTLET COMBINATIONS C14 Fused
Snap to Panel - Vertical 	With SP switch Page 96 With Circuit Breaker Page 97 With other components Pages 98, 99, 100	With SP switch Page 94 With DP Switch Page 95	With SP switch Page 96 With Circuit Breaker Page 97 With other components Pages 98, 99, 100	With SP switch Page 101 With Circuit Breaker Page 104	With SP switch Page 103	With other components Page 102	
Snap to Panel - Horizontal 	Mini Bezel With SP Switch Page 110 Mini Bezel With DP Switch Page 110	With SP switch Page 105 With DP Switch Page 106				With SP switch Page 107	With DP switch Page 108 No additional components Page 109
Flange Mount - Vertical 		With SP switch Page 105 With DP switch Page 106					

C14 IEC Fused Inlet - Vertical

VERTICAL MODULE ARRANGEMENT



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



How to Order

BZV xx / xxxxx / xx

Type of Inlet / Outlet

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

01 = PF0011/63
02 = PF0011/28

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

15 = PF0033/63
16 = PF0033/28

Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Axxxx = Standard

Bxxxx = Medical

Cxxxx = High Performance Standard (Single Fuse Version only)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 115-118.

E.g. BZV01/**A0620**/01

Combination of Other Components

Single Pole Switch:

01 = S.P. Switch

Single Pole Neon Switch:

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

Neon Indicator:

03 = Red Neon Indicator

Single Pole High Inrush Switch:

46 = S.P. High Inrush Switch

Single Pole Switch Marked I/O:

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

Single Pole Neon Switch Marked (I/O):

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

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

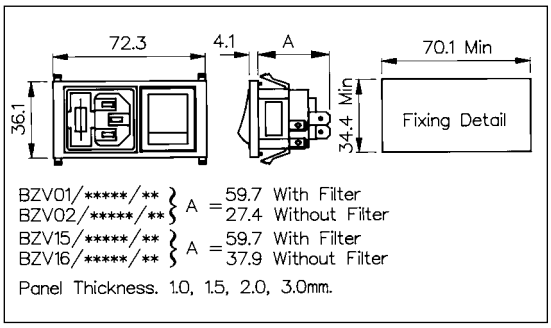
98 = S.P. High Inrush Switch (I/O)

Note: For technical details of individual components please see page 92

C14 IEC Fused Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

- Fused Inlet with 2.8mm or 6.3mm tags
- 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

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

01 = PF0011/63
02 = PF0011/28

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

15 = PF0033/63
16 = PF0033/28

Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Axxxx = Standard

Bxxxx = Medical

Cxxxx = High Performance Standard (Single Fuse Version only)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 115-118.

E.g. BZV01/**A0620**/10

Combination of Other Components

Neon Indicator:

D3 = Red Neon Indicator

Double Pole Switch:

10 = D.P. Switch

Double Pole Neon Switch:

11 = D.P. Red Neon Switch
12 = D.P. Green Neon Switch

Double Pole High Inrush Switch:

13 = D.P. High Inrush Switch

Double Pole Switch Marked I/O:

70 = D.P. Switch (I/O)

Double Pole Neon Switch Marked (I/O):

76 = D.P. Red Neon Switch (I/O)
77 = D.P. Green Neon Switch (I/O)

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

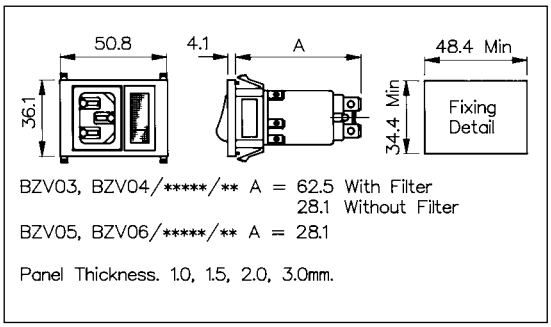
78 = D.P. High Inrush Switch (I/O)
B1 = D.P. High Inrush Green Neon Switch (I/O)

Note: For technical details of individual components please see page 92

C14 and C16 IEC Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

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



How to Order

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

Bxxxx = Medical

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 113-114.

E.g. BZV03/**A0120**/02

Combination of Other Components

Single Pole Switch:

01 = S.P. Switch

Single Pole Neon Switch:

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

Neon Indicator:

03 = Red Neon Indicator

Single Pole High Inrush Switch:

46 = S.P. High Inrush Switch

Single Pole Switch Marked I/O:

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

Single Pole Neon Switch Marked (I/O):

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

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

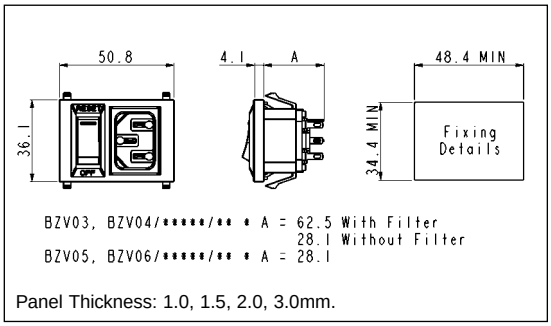
98 = S.P. High Inrush Switch (I/O)

Note: For technical details of individual components please see page 92

C14 and C16 IEC Inlet with Circuit Breaker

VERTICAL MODULE ARRANGEMENT

- Inlet with 2.8mm or 6.3mm tags
- Single pole circuit breaker
- Illuminated (red or green) and non-illuminated rocker switch
- 125Vac and 250Vac Neons
- 6.3mm tabs on Circuit Breaker



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

How to Order

BZV xx / Zxxxx / xx x

Type of Inlet

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

Z0000 = Non Filtered

Axxxx = Standard

For Filtered inlet use 6th to 9th characters from filter ordering code see page 113.

E.g. BZV03/**A0120**/C1/T

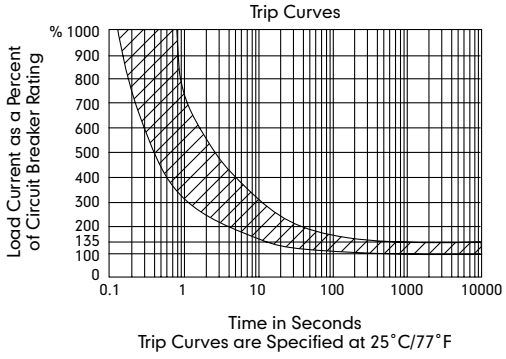
Switch Button

C1 = non-illuminated
C2 = red neon (125Vac)
C3 = green neon (125Vac)
C4 = red neon (250Vac)
C5 = green neon (250Vac)

Trip Current

Q = 5.0A
T = 8.0A
U = 10.0A
X = 15.0A

Note: For technical details of individual components also see page 92



Capacity Correction Factors for Ambient Temperatures Current Rating 5 to 15A

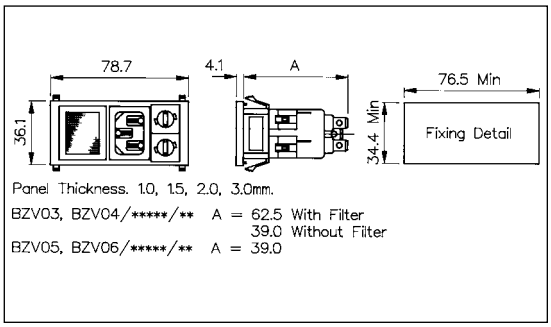
Temperature °C	-10	-20	-25	-30	-40	-50	-60
Correction Factor	.90	.95	1.00	1.10	1.32	1.61	2.15

Circuit Breaker Approvals:

C14 and C16 IEC Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

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



How to Order

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

Bxxxx = Medical

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 113-114.

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 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 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

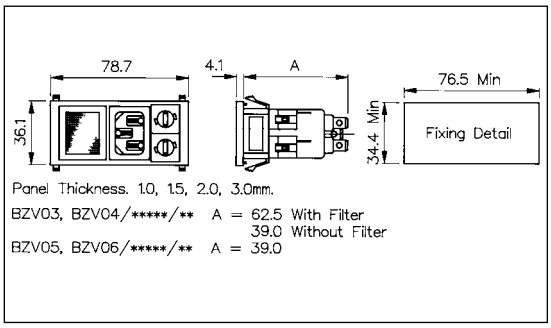
Fuseholder, Blanking Plate and Double Pole High Inrush Neon Switch:
47 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. High Inrush Green Neon Switch

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

C14 and C16 IEC Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

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



How to Order

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

Bxxxx = Medical

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 113-114.

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)

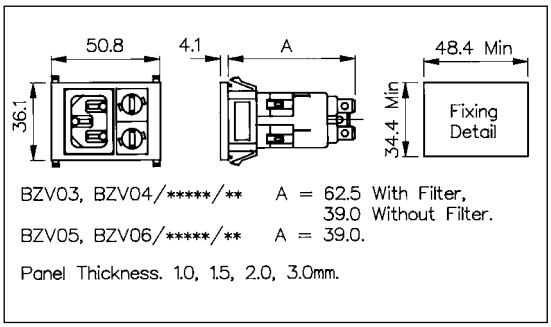
Fuseholder, Blanking Plate and Double Pole High Inrush Neon Switch Marked (I/O):
99 = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. High Inrush Green Neon Switch (I/O)

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)

C14 and C16 IEC Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

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



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

Bxxxx = Medical

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 113-114.

E.g. BZV04/**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:

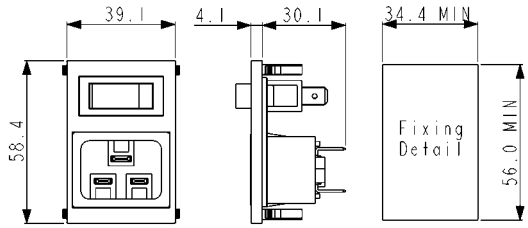
B2 = 1 x VS0001 + Blanking Plate

Note: For technical details of individual components please see page 92

C20 IEC Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

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



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

How to Order

BZV xx / xxxxx / xx

Type of Inlet

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

49 = PX0598/63
50 = PX0598/48

Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Combination of Other Components

Single Pole Switch:

01 = S.P. Switch

Single Pole Switch Marked (I/O):

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

Single Pole Illuminated Switch:

02 = S.P. Illuminated Red
08 = S.P. Illuminated Green

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

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

Single Pole Illuminated (Red or Green 250v Neon) Switch Marked I/O:

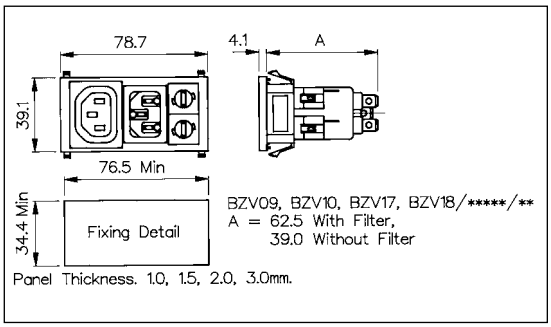
71 = S.P. Switch Illuminated Red (I/O)
74 = S.P. Switch Illuminated Green (I/O)

Note: For technical details of individual components please see page 92

C14 IEC Inlet/Sheet F IEC Outlet - Vertical

VERTICAL MODULE ARRANGEMENT

- Inlet/Outlet Combination
- 2.8mm or 6.3mm tags
- 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

Bxxxx = Medical

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 113-114.

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:

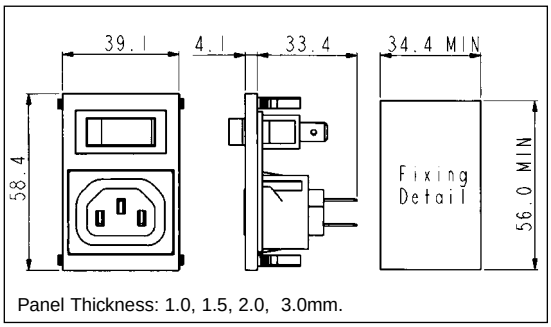
B2 = 1 x VS0001 + Blanking Plate

Note: For technical details of individual components please see page 92

Sheet F IEC Outlet - Vertical

VERTICAL MODULE ARRANGEMENT

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



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

How to Order

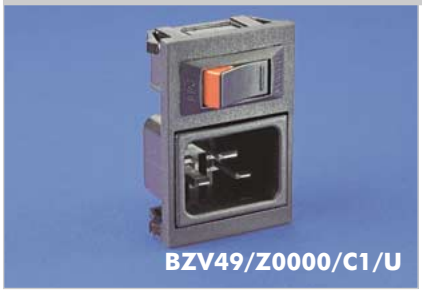
BZV xx / xxxxx / xx

Type of Outlet	Non Filtered Outlet	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 Pole Switch: **01** = S.P. Switch Single Pole Neon Switch: **02** = S.P. Red Neon Switch **08** = S.P. Green Neon Switch Neon Indicator: **03** = Red Neon Indicator Single Pole High Inrush Switch: **46** = S.P. High Inrush Switch Single Pole Switch Marked I/O: **69** = S.P. Switch (I/O) Single Pole Neon Switch Marked (I/O): **71** = S.P. Red Neon Switch (I/O) **74** = S.P. Green Neon Switch (I/O) Single Pole High Inrush Switch Marked (I/O): **98** = S.P. High Inrush Switch (I/O)

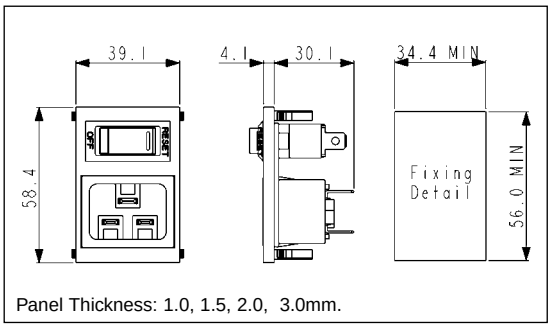
Note: For technical details of individual components please see page 92

C20 IEC Inlet with Circuit Breaker

VERTICAL MODULE ARRANGEMENT



- Inlet with 4.8mm or 6.3mm tags
- Single pole circuit breaker
- Illuminated (red or green) and non-illuminated rocker
- 125Vac and 250Vac Neons
- 6.3mm tabs on Circuit Breaker



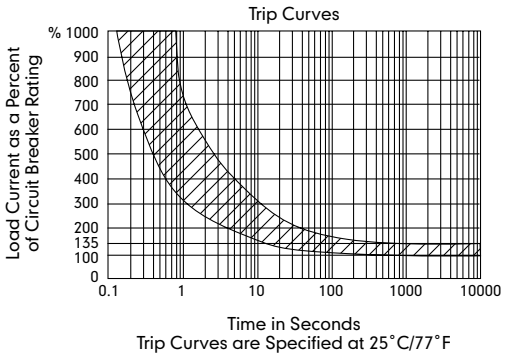
Panel Thickness: 1.0, 1.5, 2.0, 3.0mm.

How to Order

BZV xx / Zxxxx / xx x

Type of Inlet	Non Filtered Inlet	Switch Button	Trip Current
C20 power inlet, 6.3 or 4.8mm tabs: **49** = PX0598/63 **50** = PX0598/48	Z0000 = Non Filtered	C1 = Non-Illuminated C2 = Red Neon (125Vac) C3 = Green Neon (125Vac) C4 = Red Neon (250Vac) C5 = Green Neon (250Vac)	Q = 5.0A T = 8.0A U = 10.0A X = 15.0A Y = 16.0A Z = 20.0A

Note: For technical details of individual components also see page 92



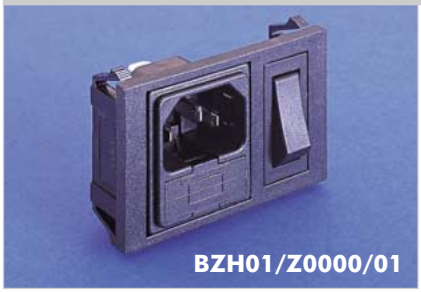
Capacity Correction Factors for Ambient Temperatures Current Rating 5 to 15A

Temperature °C	–10	–20	–25	–30	–40	–50	–60
Correction Factor	.90	.95	1.00	1.10	1.32	1.61	2.15

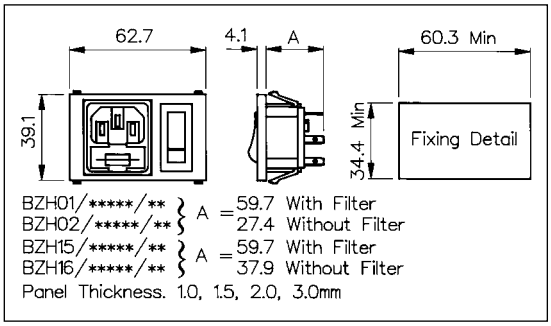
Circuit Breaker Approvals:

C14 IEC Fused Inlet - Horizontal

HORIZONTAL MODULE ARRANGEMENT



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



How to Order

BZH xx / xxxxx / xx

Type of Inlet / Outlet

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

01 = PF0011/63
02 = PF0011/28

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

15 = PF0033/63
16 = PF0033/28

Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Axxxx = Standard

Bxxxx = Medical

Cxxxx = High Performance Standard (Single Fuse Version only)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 115-118.

E.g. BZH01/**A0620**/01

Combination of Other Components

Single Pole Switch:

01 = S.P. Switch

Single Pole Neon Switch:

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

Neon Indicator:

03 = Red Neon Indicator

Single Pole High Inrush Switch:

46 = S.P. High Inrush Switch

Single Pole Switch Marked I/O:

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

Single Pole Neon Switch Marked (I/O):

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

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

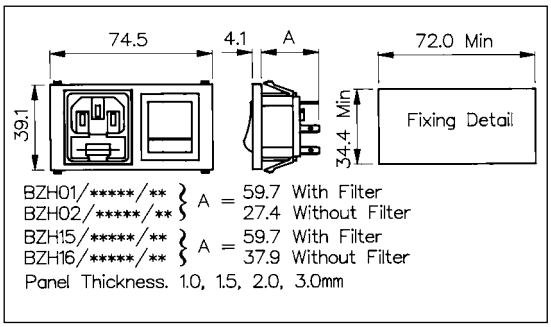
98 = S.P. High Inrush Switch (I/O)

Note: For technical details of individual components please see page 92

C14 IEC Fused Inlet - Horizontal

HORIZONTAL MODULE ARRANGEMENT

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



How to Order

BZH xx / xxxxx / xx

Type of Inlet / Outlet

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

01 = PF0011/63
02 = PF0011/28

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

15 = PF0033/63
16 = PF0033/28

Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Axxxx = Standard

Bxxxx = Medical

Cxxxx = High Performance Standard (Single Fuse Version only)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 115-118.

E.g. BZH01/**A0620**/10

Combination of Other Components

Neon Indicator:

03 = Red Neon Indicator

Double Pole Switch:

10 = D.P. Switch

Double Pole Neon Switch:

11 = D.P. Red Neon Switch
12 = D.P. Green Neon Switch

Double Pole High Inrush Switch:

13 = D.P. High Inrush Switch

Double Pole Switch marked I/O:

70 = D.P. Switch (I/O)

Double Pole Neon Switch Marked (I/O):

76 = D.P. Red Neon Switch (I/O)
77 = D.P. Green Neon Switch (I/O)

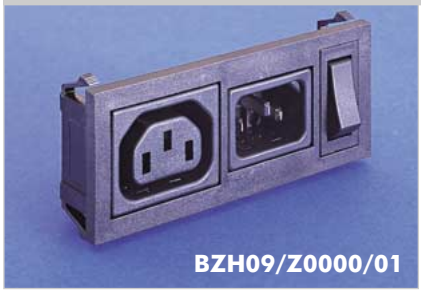
Double Pole High Inrush Switch Marked (I/O):

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

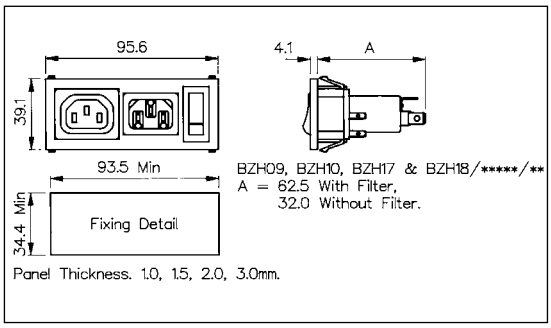
Note: For technical details of individual components please see page 92

C14 IEC Inlet/Sheet F IEC Outlet - Horizontal

HORIZONTAL MODULE ARRANGEMENT



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



How to Order

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

Bxxxx = Medical

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 113-114.

E.g. BZH09/**A0120**/01

Combination of Other Components

Single Pole Switch:

01 = S.P. Switch

Single Pole Neon Switch:

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

Neon Indicator:

03 = Red Neon Indicator

Single Pole High Inrush Switch:

46 = S.P. High Inrush Switch

Single Pole Switch Marked I/O:

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

Single Pole Neon Switch Marked (I/O):

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

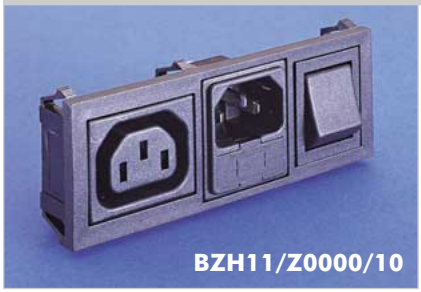
Single Pole High Inrush Switch Marked (I/O):

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

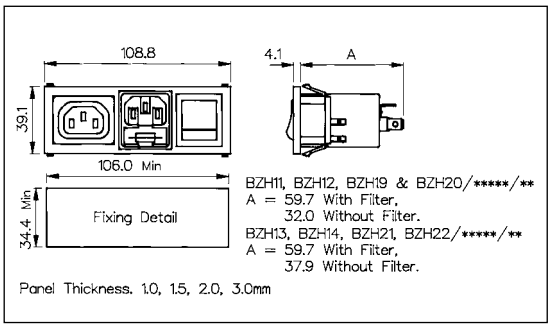
Note: For technical details of individual components please see page 92

C14 IEC Inlet/Sheet F IEC Outlet - Horizontal

HORIZONTAL MODULE ARRANGEMENT



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



How to Order

BZH xx / xxxxx / xx

Type of Inlet/Outlet

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

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

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

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

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

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

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

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

Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Axxxx = Standard

Bxxxx = Medical

Cxxxx = High Performance Standard

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 115-118.

E.g. BZH11/**A0620**/10

Combination of Other Components

Neon Indicator:

D3 = Red Neon Indicator

Double Pole Switch:

10 = D.P. Switch

Double Pole Neon Switch:

11 = D.P. Red Neon Switch

12 = D.P. Green Neon Switch

Double Pole High Inrush Switch:

13 = D.P. High Inrush Switch

Double Pole Switch Marked I/O:

70 = D.P. Switch (I/O)

Double Pole Neon Switch Marked (I/O):

76 = D.P. Red Neon Switch (I/O)
77 = D.P. Green Neon Switch (I/O)

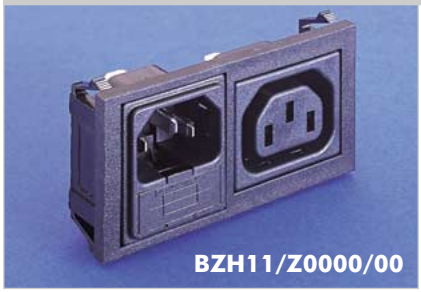
Double Pole High Inrush Switch Marked (I/O):

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

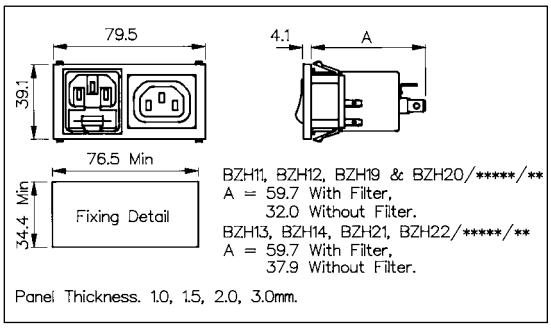
Note: For technical details of individual components please see page 92

C14 IEC Fused Inlet/Sheet F IEC Outlet - Horizontal

HORIZONTAL MODULE ARRANGEMENT



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



How to Order

BZH xx / xxxxx / xx

Type of Inlet / Outlet

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

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

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

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

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

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

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

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

Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Axxxx = Standard

Bxxxx = Medical

Cxxxx = High Performance Standard (Single Fuse Version only)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 115-118.

E.g. BZH11/**A0620**/00

Combination of Other Components

None

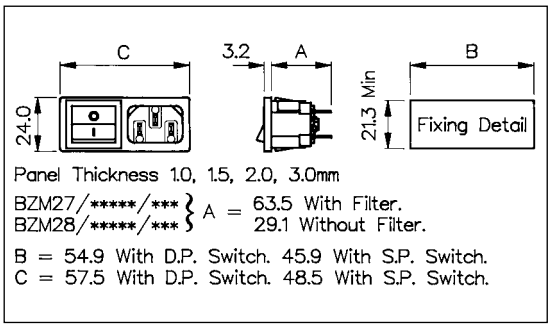
00 = None

Note: For technical details of individual components please see page 92

C14 IEC Inlet - Mini Bezel

MINIMUM COMBINED BEZEL SIZE

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



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 *filter option not available	Z0000 = Non Filtered Axxxx = Standard Bxxxx = Medical For Filtered inlet use 6th to 9th characters from filter ordering code see pages 113-114. E.g. BZM27/**A0120**/57B	Single Pole 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 Pole 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 Pole 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 Pole 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 Pole High Inrush, 4.8mm tabs: **65** = D.P. High Inrush Switch, 4.8mm tabs (S.P. format) Double Pole High Inrush, 4.8mm tabs, marked I/O: **68** = D.P. High Inrush Switch, 4.8mm tabs, I/O (S.P. format) Single Pole 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 Pole 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

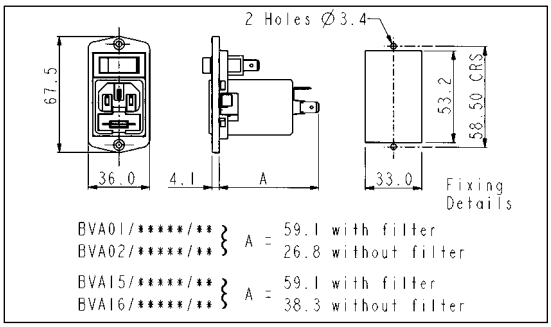
Note: For technical details of individual components please see please see page 92

Inlet Approvals:

C14 IEC Fused Inlet - Polyflange

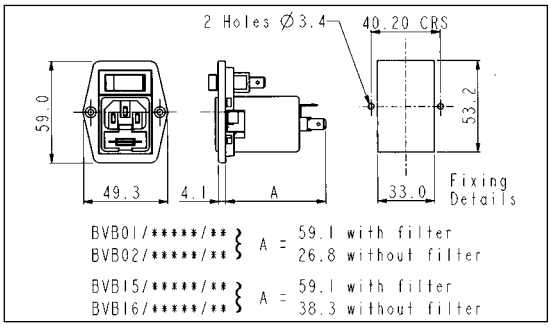
VERTICAL MODULE ARRANGEMENT

- 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

- 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

BVx xx / xxxxx / xx

Flange Type

A = Top fixing

B = Side fixing

Type of Inlet / Outlet

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

01 = PF0011/63
02 = PF0011/28

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

15 = PF0033/63
16 = PF0033/28

Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Axxxx = Standard

Bxxxx = Medical

Cxxxx = High Performance Standard (Single Fuse Version only)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 115-118.

E.g. BVA01/**A0620**/01

Combination of Other Components

Single Pole Switch:

01 = S.P. Switch

Single Pole Neon Switch:

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

Neon Indicator:

03 = Red Neon Indicator

Single Pole High Inrush Switch:

46 = S.P. High Inrush Switch

Single Pole Switch Marked I/O:

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

Single Pole Neon Switch Marked (I/O):

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

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

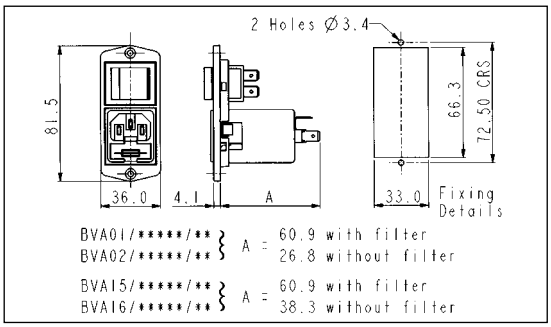
98 = S.P. High Inrush Switch (I/O)

Note: For technical details of individual components please see page 92

C14 IEC Fused Inlet - Polyflange

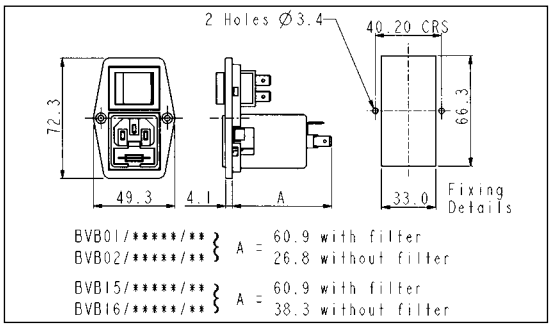
VERTICAL MODULE ARRANGEMENT

- 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

- 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

BVx xx / xxxxx / xx

Flange Type

A = Top fixing

B = Side fixing

Type of Inlet / Outlet

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

01 = PF0011/63
02 = PF0011/28

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

15 = PF0033/63
16 = PF0033/28

Filtered or Non Filtered Inlet

Z0000 = Non Filtered

Axxxx = Standard

Bxxxx = Medical

Cxxxx = High Performance Standard (Single Fuse Version only)

For Filtered inlet use 6th to 9th characters from filter ordering code see pages 115-118.

E.g. BVA01/**A0620**/10

Combination of Other Components

Neon Indicator:

D3 = Red Neon Indicator

Double Pole Switch:

10 = D.P. Switch

Double Pole Neon Switch:

11 = D.P. Red Neon Switch
12 = D.P. Green Neon Switch

Double Pole High Inrush Switch:

13 = D.P. High Inrush Switch

Double Pole Switch Marked I/O:

70 = D.P. Switch (I/O)

Double Pole Neon Switch Marked (I/O):

76 = D.P. Red Neon Switch (I/O)
77 = D.P. Green Neon Switch (I/O)

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

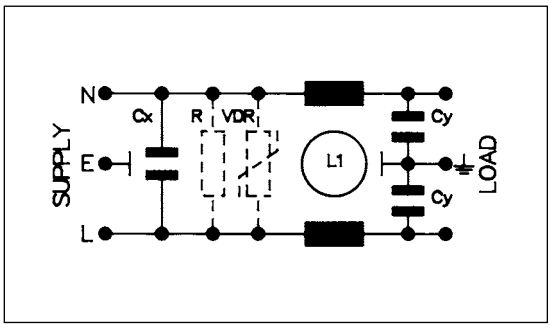
78 = D.P. High Inrush Switch (I/O)
B1 = D.P. High Inrush Green Neon Switch (I/O)

Note: For technical details of individual components please see page 92

C14 IEC Inlet - Standard Filter

EMI FILTER OPTIONS

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



Bxxxx/Axx 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	1 = Bleed (R) Resistor	
		06 = 6A	3 = Version 3	2 = Surge (VDR) Protection	
		10 = 10A		3 = "R" plus "VDR"	

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), without bleed resistor or surge protection device fitted, 6.3mm tabs and single pole red neon switch.

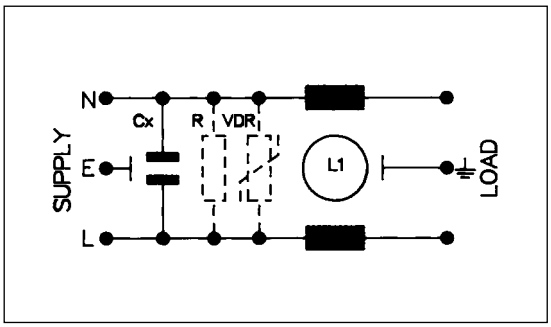
Filter Specification

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.: (@ 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 121

C14 IEC Inlet - Medical Filter

EMI FILTER OPTIONS

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



Bxxxx/Bxx x x / xx

Polysnap Part No.	Filter Type	Rating	L/C Circuit	Additional Components	Polysnap Part No.
From Polysnap Selection	B = Medical	01 = 1A	1 = Version 1	0 = None	From Polysnap Selection
		03 = 3A	2 = Version 2	1 = Bleed (R) Resistor	
		06 = 6A	3 = Version 3	2 = Surge (VDR) Protection	
		10 = 10A		3 = "R" plus "VDR"	

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

Part No. Example

BZV04/B0322/04 =

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

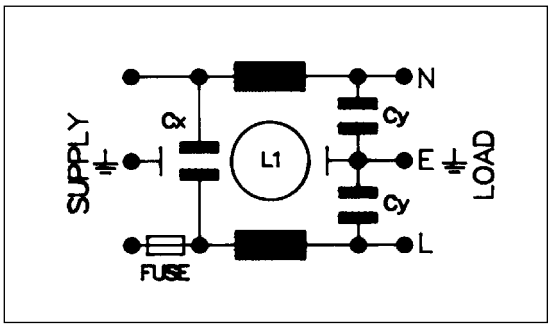
Filter Specification

Max. Working Voltage:	250V a.c. 50-400Hz
Earth Leakage Current:	<100μA (typically 5μA, 250V. 50Hz)
Temperature Range:	–25°C to +85°C
Max. Ambient Temp.: (@ 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/B filter, page 123

C14 Inlet Single Fuse - Standard Filter

EMI FILTER OPTIONS

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



Bxxxx/Axx 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 pole switch.

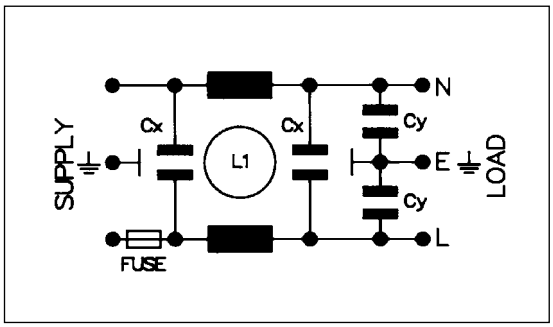
Filter Specification

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 PS21/A filter, page 129

C14 Inlet Single Fuse - High Performance Filter

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 PS23/A style filter
- High Performance Attenuation Filter



Bxxxx/Cxx x x / xx

Polysnap Part No.	Filter Type	Rating	L/C Circuit	Additional Components	Polysnap Part No.
From Polysnap Selection	C = High Performance	03 = 3A 06 = 6A	3 = Version 3	0 = None	From Polysnap Selection

Rating	Version	L1	Cx	Cy
1 AMP	1			
"	2			
"	3			
3 AMP	1			
"	2			
"	3	2 x 1.8mH	2 x 47nF	2 x 2.2nF
6 AMP	1			
"	2			
"	3	2 x 0.7mH	2 x 47nF	2 x 2.2nF
10 AMP	1			
"	2			
"	3			

Part No. Example

BZV01/C0330/01 =

BZV style Polysnap module with PF0011 single fused (5 x 20mm) IEC power inlet, filter rated at 3 amps, L/C circuit version 3 (L1 = 2 x 1.8mH, Cx = 2 x 47nF, Cy = 2 x 2.2nF), 6.3mm tabs and single pole switch.

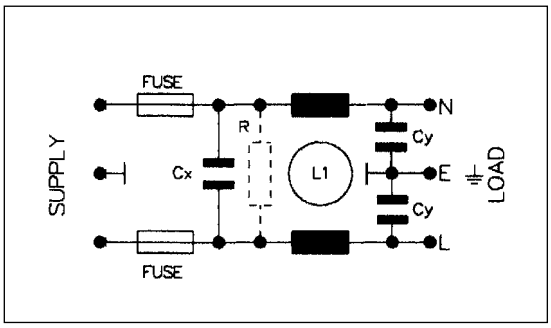
Filter Specification

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 PS23/A filter, page 131

C14 Inlet Twin Fuse - Standard Filter

EMI FILTER OPTIONS

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



Bxxxx/A xx x x / xx

Polysnap Part No.	Filter Type	Rating	L/C Circuit	Additional Components	Polysnap Part No.
From Polysnap Selection	A = Standard	02 = 2A 04 = 4A	2 = Version 2	0 = None 1 = Bleed (R) Resistor	From Polysnap Selection

Rating	Version	L1	Cx	Cy
2 AMP	1			
"	2	2 x 1.8mH	1 x 15nF	2 x 2.2nF
"	3			
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), without bleed resistor fitted, 6.3mm tabs and no additional components.

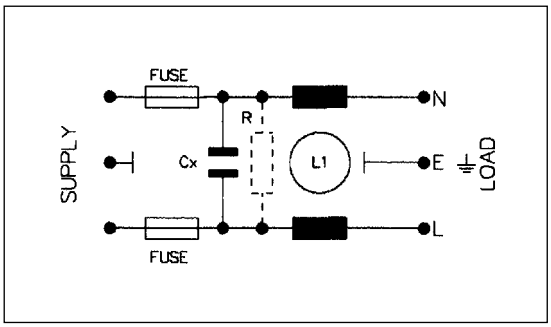
Filter Specification

Max. Working Voltage:	250V a.c. 50-400Hz
Max. Power Dissipation:	2.5W per fuse
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 133

C14 Inlet Twin Fuse - Medical Filter

EMI FILTER OPTIONS

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



Bxxxx/Bxx x x / xx

Polysnap Part No.	Filter Type	Rating	L/C Circuit	Additional Components	Polysnap Part No.
From Polysnap Selection	B = Medical	02 = 2A 04 = 4A	2 = Version 2	0 = None 1 = Bleed (R) Resistor	From Polysnap Selection

Rating	Version	L1	Cx
2 AMP	1		
"	2	2 x 1.8mH	1 x 15nF
"	3		
4 AMP	1		
"	2	2 x 0.7mH	1 x 15nF
"	3		

Part No. Example

BZH15/B0221/01 =

BZH style Polysnap module with PF0033 twin fused (5 x 20mm) IEC power inlet, filter rated at 2 amp, L/C circuit version 2 (L1 = 2 x 1.8mH, Cx = 1 x 15nF), with bleed resistor fitted, 6.3mm tabs and single pole switch.

Filter Specification	
Max. Working Voltage:	250V a.c. 50-400Hz
Max. Power Dissipation:	2.5W per fuse
Earth Leakage Current:	<100μA (typically 5μA 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/B filter, page 135