



# Polysnap®

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

Polysnap® offer 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 new Polyflange 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.

Type	Page
<a href="#">BZV Series</a>	<a href="#">76-86</a>
<a href="#">BZH Series</a>	<a href="#">87-91</a>
<a href="#">BZM Series</a>	<a href="#">92</a>
<a href="#">BVA &amp; BVB Series</a>	<a href="#">93-94</a>
<a href="#">Filtered Bezel Options</a>	<a href="#">95-100</a>

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

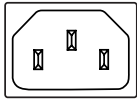
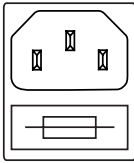
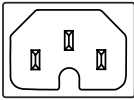
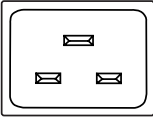
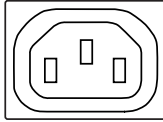
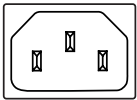
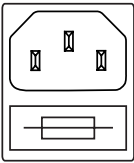
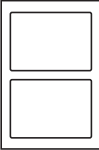
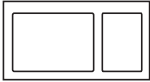
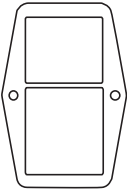
Type	Description	Rating	Approvals
DX0928	Neon Indicator	110V or 250V a.c./d.c. working	
FX0359	5 x 20mm Fuseholder	Max. rating 10A. 250V See Page 138	
PF0011	C14 Power Inlet with Integral 5 x 20mm Fuseholder	Max. rating 10A. 250V a.c. See Page 54	
PF0033	C14 Power Inlet with Integral twin 5 x 20mm Fuseholder	Max. rating 10A. 250V a.c. See Page 55	
PX0575	C14 Power Inlet, Cold condition	Max. rating 10A. 250V a.c. See Page 50	
PX0595	C16 Power Inlet, Hot Condition	Max. rating 10A. 250V a.c. See Page 56	
PX0695	Sheet F Power Outlet	Max. rating 10A. 250V a.c. See Page 63	
PX0783	Sheet F Shuttered Power Outlet	Max. rating 10A. 250V a.c. See Page 64	
PX0598	C20 Power Inlet	Max. rating 16A, 250V a.c. See Page 59	
VS0001	Voltage Selector marked 120/240V	Max. rating 6.3A. 120/240V a.c. See Page 176	

IEC CONNECTORS

SWITCHES, INDICATORS AND CIRCUIT BREAKERS

No Poles	Illumination	Current Ratings	Circuit	Approvals
Single Pole	Non-illuminated High Inrush	Max. rating 16A Resistive, 4A Inductive, 250Vac. Max. rating 16A Resistive, 4A Inductive, 250Vac. Inrush current, 150A to IEC65.		
	Illuminated	Max. rating 16A Resistive, 4A Inductive, 250Vac.		
Double Pole	Non-illuminated High Inrush	Max. rating 16A Resistive, 4A Inductive, 250Vac. 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.		

**OVERVIEW OF POLY SNAP MODULES**

							
<b>Style</b>	<b>C14</b>	<b>C14 Fused</b>	<b>C16</b>	<b>C20</b>	<b>OUTLETS Sheet F</b>	<b>INLETS/OUTLETS C14</b>	<b>INLETS/OUTLETS C14 Fused</b>
<b>Snap to Panel - Vertical</b> 	With SP switch Page 78  With Circuit Breaker Page 79  With other components Pages 80, 81, 82	With SP switch Page 76  With DP Switch Page 77	With SP switch Page 78  With Circuit Breaker Page 79  With other components Pages 80, 81, 82	With SP switch Page 83  With Circuit Breaker Page 86	With SP switch Page 85	With other components Page 84	
<b>Snap to Panel - Horizontal</b> 	Mini Bezel With SP Switch Page 92  Mini Bezel With DP Switch Page 92	With SP switch Page 87  With DP Switch Page 88				With SP switch Page 89	With DP switch Page 90  No additional components Page 91
<b>Flange Mount - Vertical</b> 		With SP switch Page 93  With DP switch Page 94					

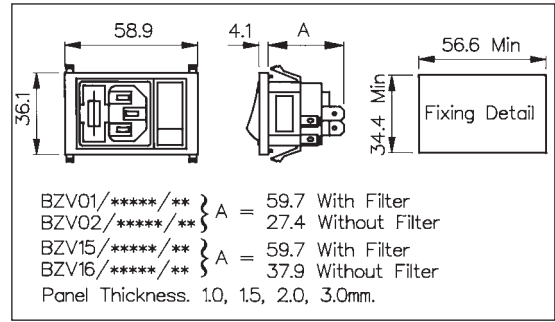
IEC CONNECTORS

C14 IEC Fused Inlet - Vertical

VERTICAL MODULE ARRANGEMENT

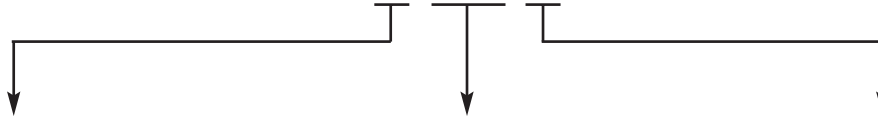


- Fused Inlet with 2.8mm or 6.3mm tags
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches



How to Order

**BZV** **xx** / **xxxxx** / **xx**



Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
Single Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs: <b>01</b> = PF0011/63 <b>02</b> = PF0011/28  Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs: <b>15</b> = PF0033/63 <b>16</b> = PF0033/28	Z0000 = Non Filtered Axxxx = Standard Bxxxx = Medical Cxxxx = High Performance Standard (Single Fuse Version only)  <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">                         For Filtered inlet use 6th to 9th characters from filter ordering code see pages 97-100.                           E.g. BZV01/<b>A0620</b>/01                     </div>	Single Pole Switch: <b>01</b> = S.P. Switch  Single Pole Neon Switch: <b>02</b> = S.P. Red Neon Switch <b>08</b> = S.P. Green Neon Switch  Neon Indicator: <b>03</b> = Red Neon Indicator  Single Pole High Inrush Switch: <b>46</b> = S.P. High Inrush Switch  Single Pole Switch Marked I/O: <b>69</b> = S.P. Switch (I/O)  Single Pole Neon Switch Marked (I/O): <b>71</b> = S.P. Red Neon Switch (I/O) <b>74</b> = S.P. Green Neon Switch (I/O)  Single Pole High Inrush Switch Marked (I/O): <b>98</b> = S.P. High Inrush Switch (I/O)

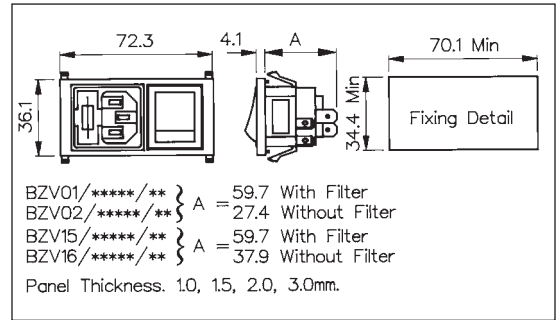
Note: For technical details of individual components please see page 74

**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	Filtered or Non Filtered Inlet	Combination of Other Components
Single Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:  <b>01</b> = PF0011/63 <b>02</b> = PF0011/28  Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:  <b>15</b> = PF0033/63 <b>16</b> = PF0033/28	Z0000 = Non Filtered  Axxxx = Standard  Bxxxx = Medical  Cxxxx = High Performance Standard (Single Fuse Version only)  <div style="border: 1px solid black; padding: 5px; margin-top: 20px;">                         For Filtered inlet use 6th to 9th characters from filter                          ordering code see pages 97-100.                           E.g. BZV01/<b>A0620</b>/10                     </div>	Neon Indicator:  <b>D3</b> = Red Neon Indicator  Double Pole Switch:  <b>10</b> = D.P. Switch  Double Pole Neon Switch:  <b>11</b> = D.P. Red Neon Switch <b>12</b> = D.P. Green Neon Switch  Double Pole High Inrush Switch:  <b>13</b> = D.P. High Inrush Switch  Double Pole Switch Marked I/O:  <b>70</b> = D.P. Switch (I/O)  Double Pole Neon Switch Marked (I/O):  <b>76</b> = D.P. Red Neon Switch (I/O) <b>77</b> = D.P. Green Neon Switch (I/O)  Double Pole High Inrush Switch Marked (I/O):  <b>78</b> = D.P. High Inrush Switch (I/O) <b>B1</b> = D.P. High Inrush Green Neon Switch (I/O)

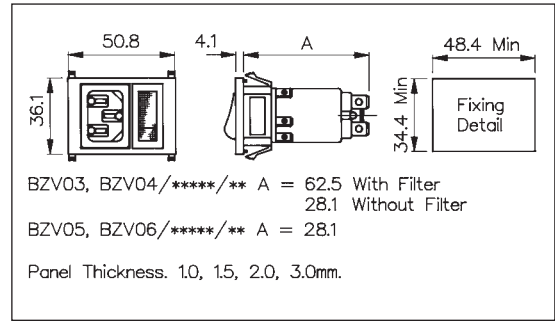
Note: For technical details of individual components please see page 74

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	Filtered or Non Filtered Inlet	Combination of Other Components
<p>C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:  <b>03</b> = PX0575/63  <b>04</b> = PX0575/28</p> <p>C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:  <b>05</b> = PX0595/63  <b>06</b> = PX0595/28</p>	<p>Z0000 = Non Filtered                      Axxxx = Standard                      Bxxxx = Medical</p>	<p>Single Pole Switch:  <b>01</b> = S.P. Switch</p> <p>Single Pole Neon Switch:  <b>02</b> = S.P. Red Neon Switch  <b>08</b> = S.P. Green Neon Switch</p> <p>Neon Indicator:  <b>03</b> = Red Neon Indicator</p> <p>Single Pole High Inrush Switch:  <b>46</b> = S.P. High Inrush Switch</p> <p>Single Pole Switch Marked I/O:  <b>69</b> = S.P. Switch (I/O)</p> <p>Single Pole Neon Switch Marked (I/O):  <b>71</b> = S.P. Red Neon Switch (I/O)  <b>74</b> = S.P. Green Neon Switch (I/O)</p> <p>Single Pole High Inrush Switch Marked (I/O):  <b>98</b> = S.P. High Inrush Switch (I/O)</p>
<p>Please note type 05 and 06 are not available in filtered version</p>	<p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 95-96.                      E.g. BZV03/<b>A0120</b>/02</p>	

Note: For technical details of individual components please see page 74

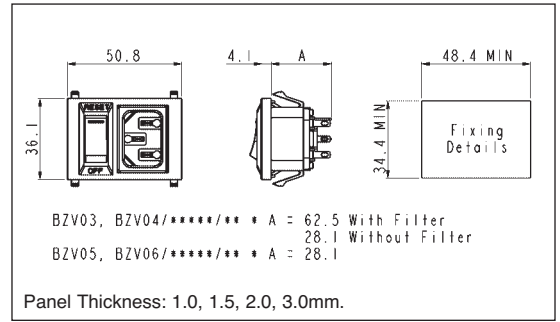
**C14 and C16 IEC Inlet with Circuit Breaker**

**VERTICAL MODULE ARRANGEMENT**



**BZV03/Z0000/C1/T**

- 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



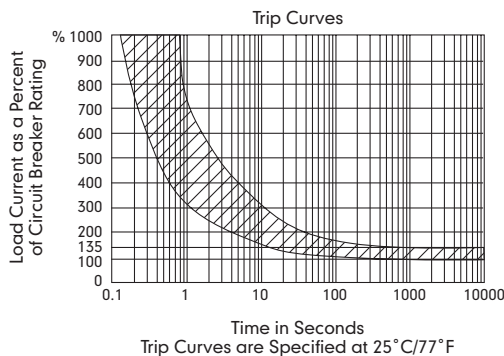
**How to Order**

**BZV xx / Zxxxx / xx x**

Type of Inlet	Filtered or Non Filtered	Switch Button	Trip Current
C14 power inlet (cold condition), 6.3 or 2.8mm tabs: <b>03</b> = PX0575/63 <b>04</b> = PX0575/28	Z0000 = Non Filtered Axxxx = Standard	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
C16 power inlet (hot condition), 6.3 or 2.8mm tabs: <b>05</b> = PX0595/63 <b>06</b> = PX0595/28			

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

Note: For technical details of individual components also see page 74



**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:

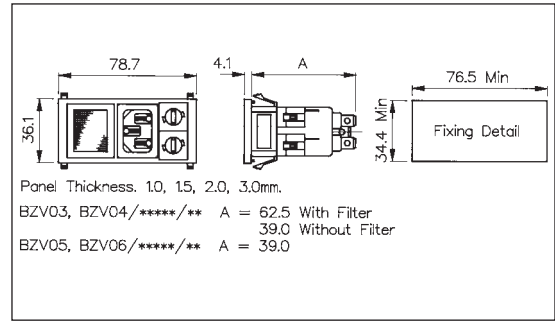


C14 and C16 IEC Inlet - Vertical

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

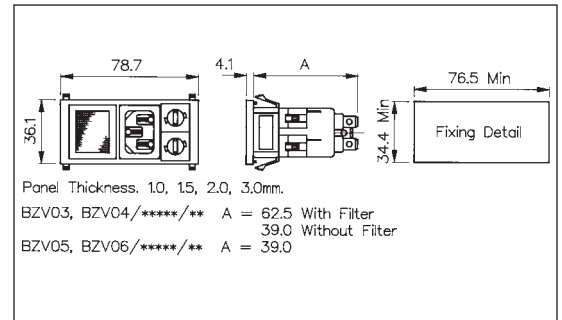
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components	
<p>C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</p> <p><b>03</b> = PX0575/63 <b>04</b> = PX0575/28</p> <p>C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:</p> <p><b>05</b> = PX0595/63 <b>06</b> = PX0595/28</p>	<p>Z0000 = Non Filtered</p> <p>Axxxx = Standard</p> <p>Bxxxx = Medical</p>	<p>Twin Fuseholder and Double Pole Switch: <b>05</b> = 2 x FX0359 + D.P. Switch</p> <p>Twin Fuseholder and Double Pole Neon Switch: <b>06</b> = 2 x FX0359 + D.P. Red Neon Switch <b>09</b> = 2 x FX0359 + D.P. Green Neon Switch <b>19</b> = 2 x FX0359 + D.P. Red Neon Switch 125V</p> <p>Twin Fuseholder and Neon Indicator: <b>07</b> = 2 x FX0359 + Red Neon Indicator</p> <p>Voltage Selector, Fuseholder and Double Pole Switch: <b>15</b> = 1 x VS0001 + 1 x FX0359 + Double Pole switch</p> <p>Voltage Selector, Fuseholder and Double Pole Neon Switch: <b>16</b> = 1 x VS0001 + 1 x FX0359 + D.P. Red Neon Switch <b>18</b> = 1 x VS0001 + 1 x FX0359 + D.P. Green Neon Switch</p> <p>Voltage Selector, Fuseholder and Neon Indicator: <b>17</b> = 1 x VS0001 + 1 x FX0359 + Red Neon Indicator</p> <p>Twin Fuseholder and Double Pole High Inrush Switch: <b>20</b> = 2 x FX0359 + D.P. High Inrush Switch</p> <p>Twin Fuseholder and Double Pole High Inrush Neon Switch: <b>21</b> = 2 x FX0359 + 1 x D.P. High Inrush Green Neon Switch <b>22</b> = 2 x FX0359 + 1 x D.P. High Inrush Red Neon Switch</p>	<p>Voltage Selector, Neon Indicator and Double Pole Switch <b>25</b> = 1 x VS0001 + 1 x DX0928/110V/Red + D.P. Switch <b>26</b> = 1 x VS0001 + 1 x DX0928/110V/Green + D.P. Switch <b>27</b> = 1 x VS0001 + 1 x DX0928/250V/Red + D.P. Switch <b>28</b> = 1 x VS0001 + 1 x DX0928/250V/Green + D.P. Switch</p> <p>Voltage Selector, Neon Indicator and Double Pole High Inrush Switch: <b>29</b> = 1 x VS0001 + 1 x DX0928/250V/Red + D.P. High Inrush Switch <b>30</b> = 1 x VS0001 + 1 x DX0928/250V/Green + D.P. High Inrush Switch</p> <p>Fuseholder, Neon Indicator and Double Pole Switch <b>31</b> = 1 x FX0359 + 1 x DX0928/110V/Red + D.P. Switch <b>32</b> = 1 x FX0359 + 1 x DX0928/110V/Green + D.P. Switch <b>33</b> = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. Switch <b>34</b> = 1 x Fx0359 + 1 x DX0928/250V/Green + D.P. Switch</p> <p>Fuseholder, Neon Indicator and Double Pole High Inrush Switch: <b>35</b> = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. High Inrush Switch <b>36</b> = 1 x FX0359 + 1 x DX0928/250V/Green + D.P. High Inrush Switch</p> <p>Fuseholder, Blanking Plate and Double Pole High Inrush Neon Switch: <b>47</b> = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. High Inrush Green Neon Switch</p> <p>Fuseholder, Blanking Plate and Double Pole Switch: <b>48</b> = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. Switch</p>
<p>Please note type 05 and 06 are not available in filtered version</p>	<p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 95-96.</p> <p>E.g. BZV03/<b>A0120</b>/07</p>		

**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**

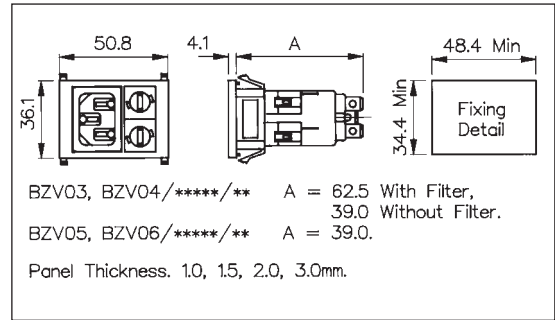
Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
<p>C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</p> <p><b>03</b> = PX0575/63  <b>04</b> = PX0575/28</p> <p>C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:</p> <p><b>05</b> = PX0595/63  <b>06</b> = PX0595/28</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">                     Please note type 05 and 06 are not available in filtered version                 </div>	<p>Z0000 = Non Filtered                      Axxxx = Standard                      Bxxxx = Medical</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">                     For Filtered inlet use 6th to 9th characters from filter ordering code see pages 95-96.                       E.g. BZV03/<b>A0120</b>/07                 </div>	<p>Twin Fuseholder and Double Pole Switch Marked I/O:  <b>72</b> = 2 x FX0359 + D.P. Switch (I/O)</p> <p>Twin Fuseholder and Double Pole Neon Switch Marked I/O:  <b>73</b> = 2 x FX0359 + D.P. Red Neon Switch (I/O)  <b>75</b> = 2 x FX0359 + D.P. Green Neon Switch (I/O)  <b>82</b> = 2 x FX0359 + D.P. Red Neon Switch 125V(I/O)</p> <p>Voltage Selector, Fuseholder and Double Pole Switch Marked (I/O):  <b>79</b> = 1 x VS0001 + 1 x FX0359 + Double Pole switch (I/O)</p> <p>Voltage Selector, Fuseholder and Double Pole Neon Switch Marked (I/O):  <b>80</b> = 1 x VS0001 + 1 x FX0359 + D.P. Red Neon Switch (I/O)  <b>81</b> = 1 x VS0001 + 1 x FX0359 + D.P. Green Neon Switch (I/O)</p> <p>Twin Fuseholder and Double Pole High Inrush Switch Marked (I/O):  <b>83</b> = 2 x FX0359 + D.P. High Inrush Switch (I/O)</p> <p>Twin Fuseholder and Double Pole High Inrush Neon Switch Marked (I/O):  <b>84</b> = 2 x FX0359 + 1 x D.P. High Inrush Green Neon Switch (I/O)  <b>85</b> = 2 x FX0359 + 1 x D.P. High Inrush Red Neon Switch (I/O)</p> <p>Voltage Selector, Neon Indicator and Double Pole Switch Marked (I/O):  <b>86</b> = 1 x VS0001 + 1 x DX0928/110V/Red + D.P. Switch (I/O)  <b>87</b> = 1 x VS0001 + 1 x DX0928/110V/Green + D.P. Switch (I/O)  <b>88</b> = 1 x VS0001 + 1 x DX0928/250V/Red + D.P. Switch (I/O)  <b>89</b> = 1 x VS0001 + 1 x DX0928/250V/Green + D.P. Switch (I/O)</p> <p>Voltage Selector, Neon Indicator and Double Pole High Inrush Switch Marked (I/O):  <b>90</b> = 1 x VS0001 + 1 x DX0928/250V/Red + D.P. High Inrush Switch (I/O)  <b>91</b> = 1 x VS0001 + 1 x DX0928/250V/Green + D.P. High Inrush Switch (I/O)</p> <p>Fuseholder, Neon Indicator and Double Pole Switch Marked (I/O):  <b>92</b> = 1 x FX0359 + 1 x DX0928/110V/Red + D.P. Switch (I/O)  <b>93</b> = 1 x FX0359 + 1 x DX0928/110V/Green + D.P. Switch (I/O)  <b>94</b> = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. Switch (I/O)  <b>95</b> = 1 x FX0359 + 1 x DX0928/250V/Green + D.P. Switch (I/O)</p> <p>Fuseholder, Neon Indicator and Double Pole High Inrush Switch Marked (I/O):  <b>96</b> = 1 x FX0359 + 1 x DX0928/250V/Red + D.P. High Inrush Switch (I/O)  <b>97</b> = 1 x FX0359 + 1 x DX0928/250V/Green + D.P. High Inrush Switch (I/O)</p> <p>Fuseholder, Blanking Plate and Double Pole High Inrush Neon Switch Marked (I/O):  <b>99</b> = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. High Inrush Green Neon Switch (I/O)</p> <p>Fuseholder, Blanking Plate and Double Pole Switch Marked (I/O):  <b>A0</b> = 1 x FX0359 + 1 x Blanking Plate (Right) + D.P. Switch (I/O)  <b>B2</b> = 1 x VS0002 + 1 x Blanking Plate</p>

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	Filtered or Non Filtered Inlet	Combination of Other Components
<p>C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</p> <p><b>03</b> = PX0575/63  <b>04</b> = PX0575/28</p> <p>C16 Power Inlet (hot condition), 6.3 or 2.8mm tabs:</p> <p><b>05</b> = PX0595/63  <b>06</b> = PX0595/28</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">                     Please note type 05 and 06 are not available in filtered version                 </div>	<p>Z0000 = Non Filtered</p> <p>Axxxx = Standard</p> <p>Bxxxx = Medical</p> <div style="border: 1px solid black; padding: 10px; margin-top: 20px;">                     For Filtered inlet use 6th to 9th characters from filter ordering code see pages 95-96.                       E.g. BZV04/<b>A0120</b>/04                 </div>	<p>Twin Fuseholder:</p> <p><b>04</b> = 2 x FX0359</p> <p>Voltage Selector and Fuseholder:</p> <p><b>14</b> = 1 x VS0001 + 1 x FX0359</p> <p>Voltage selector and Neon:</p> <p><b>37</b> = 1 x VS0001 + DX0928/110V/Red  <b>38</b> = 1 x VS0001 + DX0928/110V/Green  <b>39</b> = 1 x VS0001 + DX0928/250V/Red  <b>40</b> = 1 x VS0001 + DX0928/250V/Green</p> <p>Fuseholder and Neon:</p> <p><b>41</b> = 1 x FX0359 + DX0928/110V/Red  <b>42</b> = 1 x FX0359 + DX0928/110V/Green  <b>43</b> = 1 x FX0359 + DX0928/250V/Red  <b>44</b> = 1 x FX0359 + DX0928/250V/Green</p> <p>Fuseholder and Blanking Plate:</p> <p><b>45</b> = 1 x FX0359 + Blanking Plate  <b>B2</b> = 1 x VS0001 + Blanking Plate</p>

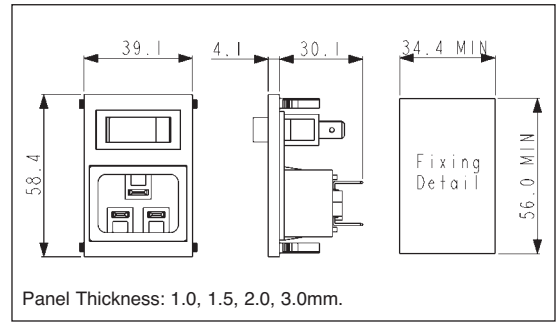
Note: For technical details of individual components please see page 74

**C20 IEC Inlet - Vertical**

**VERTICAL MODULE ARRANGEMENT**

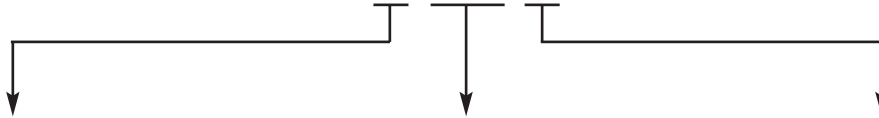


- Inlet with 4.8mm or 6.3mm tabs
- Single Pole Switch marked I/O
- Illuminated, red or green, switches
- High inrush non-illuminated switch



**How to Order**

**BZV xx / xxxxx / xx**



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

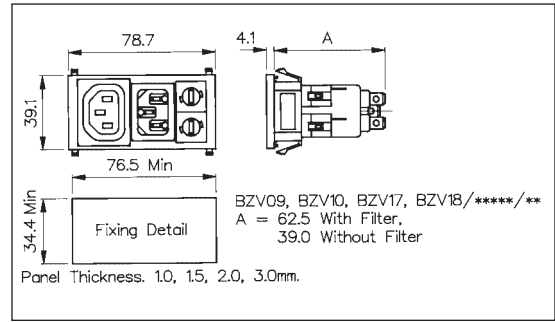
Note: For technical details of individual components please see page 74

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	Filtered or Non Filtered Inlet	Combination of Other Components
<p>C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:</p> <p><b>09</b> = PX0575/63 + PX0695/63 <b>10</b> = PX0575/28 + PX0695/28</p> <p>C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:</p> <p><b>17</b> = PX0575/63 + PX0783/63 <b>18</b> = PX0575/28 + PX0783/28</p>	<p>Z0000 = Non Filtered Axxxx = Standard Bxxxx = Medical</p> <div style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 95-96. E.g. BZV09/<b>A0120</b>/04</p> </div>	<p>Twin Fuseholder: <b>04</b> = 2 x FX0359</p> <p>Voltage Selector and Fuseholder: <b>14</b> = 1 x VS0001 + 1 x FX0359</p> <p>Voltage selector and Neon: <b>37</b> = 1 x VS0001 + DX0928/110V/Red <b>38</b> = 1 x VS0001 + DX0928/110V/Green <b>39</b> = 1 x VS0001 + DX0928/250V/Red <b>40</b> = 1 x VS0001 + DX0928/250V/Green</p> <p>Fuseholder and Neon: <b>41</b> = 1 x FX0359 + DX0928/110V/Red <b>42</b> = 1 x FX0359 + DX0928/110V/Green <b>43</b> = 1 x FX0359 + DX0928/250V/Red <b>44</b> = 1 x FX0359 + DX0928/250V/Green</p> <p>Fuseholder and Blanking Plate: <b>45</b> = 1 x FX0359 + Blanking Plate <b>B2</b> = 1 x VS0001 + Blanking Plate</p>

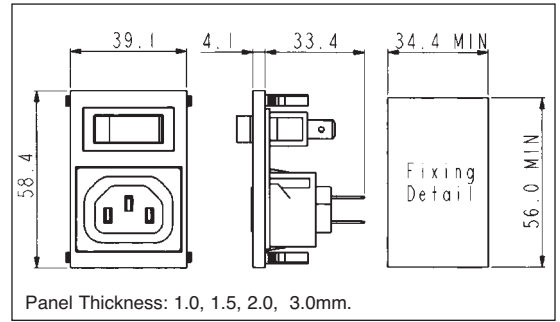
Note: For technical details of individual components please see page 74

**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



**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:  <b>45</b> = PX0695/63 <b>46</b> = PX0695/28  Sheet F Power Outlet (shuttered), 6.3 or 2.8mm tabs:  <b>47</b> = PX0783/63 <b>48</b> = PX0783/28	Z0000 = Non Filtered	Single Pole Switch: <b>01</b> = S.P. Switch  Single Pole Neon Switch: <b>02</b> = S.P. Red Neon Switch <b>08</b> = S.P. Green Neon Switch  Neon Indicator: <b>03</b> = Red Neon Indicator  Single Pole High Inrush Switch: <b>46</b> = S.P. High Inrush Switch  Single Pole Switch Marked I/O: <b>69</b> = S.P. Switch (I/O)  Single Pole Neon Switch Marked (I/O): <b>71</b> = S.P. Red Neon Switch (I/O) <b>74</b> = S.P. Green Neon Switch (I/O)  Single Pole High Inrush Switch Marked (I/O): <b>98</b> = S.P. High Inrush Switch (I/O)

Note: For technical details of individual components please see page 74

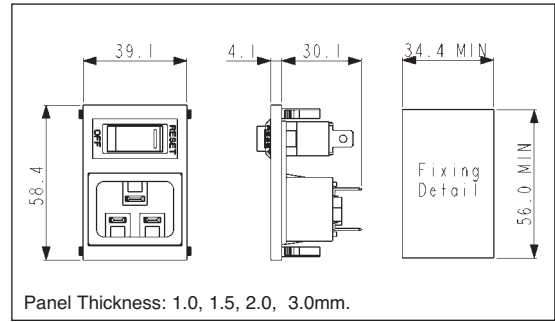
C20 IEC Inlet with Circuit Breaker

VERTICAL MODULE ARRANGEMENT



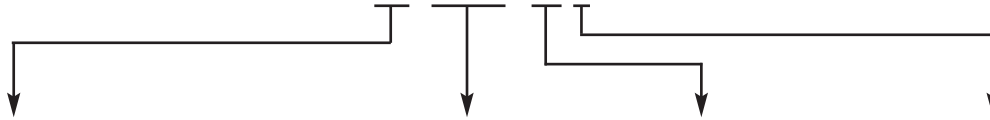
BZV49/Z0000/C1/U

- Inlet with 4.8mm 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



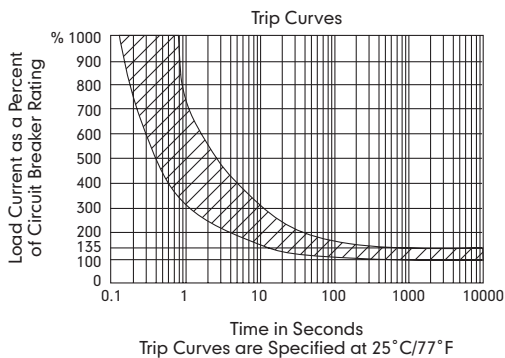
How to Order

BZV xx / Zxxxx / xx x



Type of Inlet	Non Filtered Inlet	Switch Button	Trip Current
C20 power inlet, 6.3 or 4.8mm tabs: <b>49</b> = PX0598/63 <b>50</b> = 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 74



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

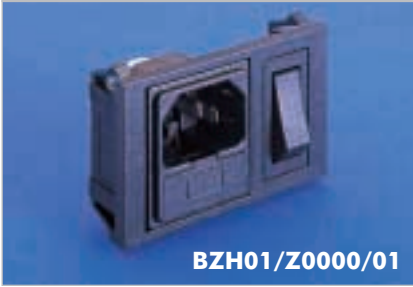
Temperature °C	-10	-20	-25	-30	-40	-50	-60
Correction Factor	.90	.95	1.00	1.10	1.32	1.61	2.15

Circuit Breaker Approvals:

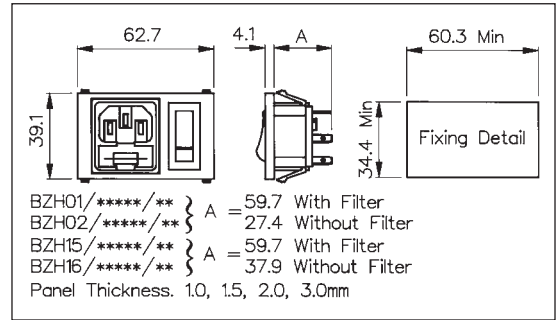


**C14 IEC Fused Inlet - Horizontal**

**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**

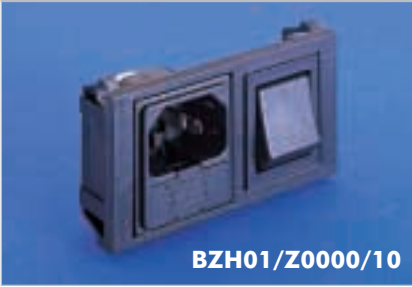


Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
Single Fused C14 Power Inlet (cold condition), 2.8 or 6.3mm tabs:  <b>01</b> = PF0011/63 <b>02</b> = PF0011/28  Twin Fused C14 Power Inlet (cold condition), 2.8 or 6.3mm tabs:  <b>15</b> = PF0033/63 <b>16</b> = PF0033/28	Z0000 = Non Filtered  Axxxx = Standard  Bxxxx = Medical  Cxxxx = High Performance Standard (Single Fuse Version only)  <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">                         For Filtered inlet use 6th to 9th characters from                          filter ordering code see pages 97-100.                           E.g. BZH01/<b>A0620</b>/01                     </div>	Single Pole Switch:  <b>01</b> = S.P. Switch  Single Pole Neon Switch:  <b>02</b> = S.P. Red Neon Switch <b>08</b> = S.P. Green Neon Switch  Neon Indicator:  <b>03</b> = Red Neon Indicator  Single Pole High Inrush Switch:  <b>46</b> = S.P. High Inrush Switch  Single Pole Switch Marked I/O:  <b>69</b> = S.P. Switch (I/O)  Single Pole Neon Switch Marked (I/O):  <b>71</b> = S.P. Red Neon Switch (I/O) <b>74</b> = S.P. Green Neon Switch (I/O)  Single Pole High Inrush Switch Marked (I/O):  <b>98</b> = S.P. High Inrush Switch (I/O)

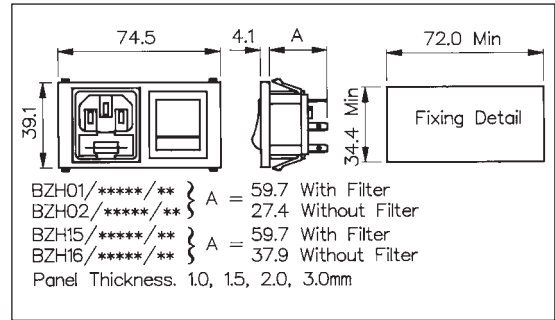
Note: For technical details of individual components please see page 74

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 | 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  
 Bxxxx = Medical  
 Cxxxx = High Performance Standard  
 (Single Fuse Version only)

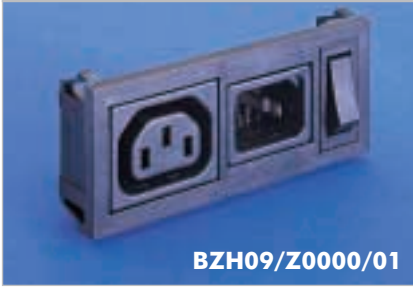
For Filtered inlet use 6th to 9th characters from  
filter ordering code see pages 97-100.  
 E.g. BZH01/**A0620**/10

- 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 74

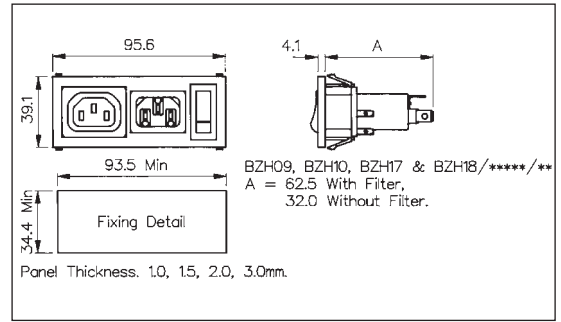
**C14 IEC Inlet/Sheet F IEC Outlet - Horizontal**

**HORIZONTAL MODULE ARRANGEMENT**



**BZH09/Z0000/01**

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



**How to Order**

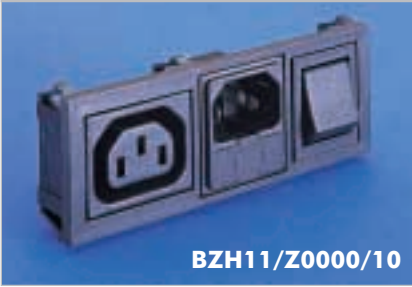
**BZH xx / xxxxx / xx**

Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
<p>C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:</p> <p><b>09</b> = PX0575/63 + PX0695/63  <b>10</b> = PX0575/28 + PX0695/28</p>	<p>Z0000 = Non Filtered                      Axxxx = Standard                      Bxxxx = Medical</p>	<p>Single Pole Switch:  <b>01</b> = S.P. Switch</p>
<p>C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:</p> <p><b>17</b> = PX0575/63 + PX0783/63  <b>18</b> = PX0575/28 + PX0783/28</p>	<p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 95-96.                      E.g. BZH09/<b>A0120</b>/01</p>	<p>Single Pole Neon Switch:  <b>02</b> = S.P. Red Neon Switch  <b>08</b> = S.P. Green Neon Switch</p> <p>Neon Indicator:  <b>03</b> = Red Neon Indicator</p> <p>Single Pole High Inrush Switch:  <b>46</b> = S.P. High Inrush Switch</p> <p>Single Pole Switch Marked I/O:  <b>69</b> = S.P. Switch (I/O)</p> <p>Single Pole Neon Switch Marked (I/O):  <b>71</b> = S.P. Red Neon Switch (I/O)  <b>74</b> = S.P. Green Neon Switch (I/O)</p> <p>Single Pole High Inrush Switch Marked (I/O):  <b>98</b> = S.P. High Inrush Switch (I/O)</p>

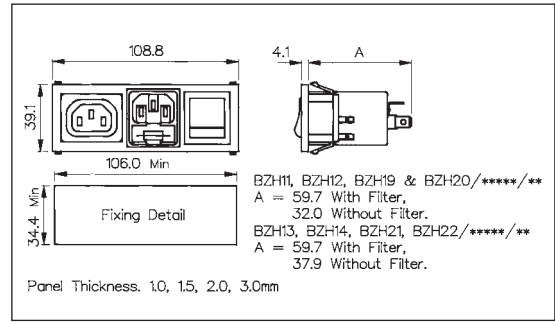
Note: For technical details of individual components please see page 74

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

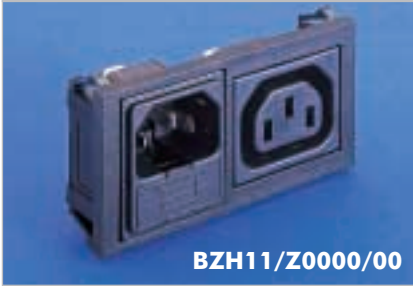


Type of Inlet/Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
Single Fused C14 Power Inlet (cold condition) and Sheet F Power Outlet, 2.8 or 6.3mm tabs:  <b>11</b> = PF0011/63 + PX0695/63 <b>12</b> = PF0011/28 + PX0695/28	Z0000 = Non Filtered  Axxxx = Standard  Bxxxx = Medical  Cxxxx = High Performance Standard	Neon Indicator:  <b>D3</b> = Red Neon Indicator  Double Pole Switch:  <b>10</b> = D.P. Switch  Double Pole Neon Switch:  <b>11</b> = D.P. Red Neon Switch <b>12</b> = D.P. Green Neon Switch  Double Pole High Inrush Switch:  <b>13</b> = D.P. High Inrush Switch  Double Pole Switch Marked I/O:  <b>70</b> = D.P. Switch (I/O)  Double Pole Neon Switch Marked (I/O):  <b>76</b> = D.P. Red Neon Switch (I/O) <b>77</b> = D.P. Green Neon Switch (I/O)  Double Pole High Inrush Switch Marked (I/O):  <b>78</b> = D.P. High Inrush Switch (I/O) <b>B1</b> = D.P. High Inrush Green Neon Switch (I/O)
Twin Fused C14 Power Inlet (cold condition) and Sheet F Power Outlet, 2.8 or 6.3mm tabs:  <b>13</b> = PF0033/63 + PX0695/63 <b>14</b> = PF0033/28 + PX0695/28	<div style="border: 1px solid black; padding: 10px; margin-top: 20px;">                         For Filtered inlet use 6th to 9th characters from filter ordering code see pages 97-100.                           E.g. BZH11/<b>A0620</b>/10                     </div>	
Single Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:  <b>19</b> = PF0011/63 + PX0783/63 <b>20</b> = PF0011/28 + PX0783/28		
Twin Fused C14 Power Inlet (cold condition) and Sheet F Shuttered Power Outlet, 2.8 or 6.3mm tabs:  <b>21</b> = PF0033/63 + PX0783/63 <b>22</b> = PF0033/28 + PX0783/28		

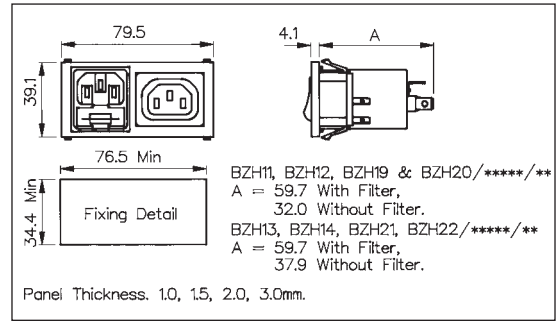
Note: For technical details of individual components please see page 74

**C14 IEC Fused Inlet/Sheet F IEC Outlet - Horizontal**

**HORIZONTAL MODULE ARRANGEMENT**

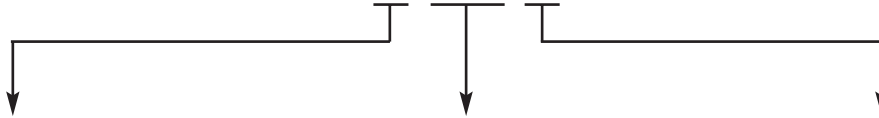


- Fused Inlet/Outlet Combination with 2.8mm or 6.3mm tags
- Filtered Inlet Option
- Single or Twin Fused



**How to Order**

**BZH xx / xxxxx / xx**



Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
<p>Single Fused C14 Power Inlet (cold condition) and Sheet F Non-shuttered Power Outlet, 2.8 or 6.3mm tabs:</p> <p><b>11</b> = PF0011/63 + PX0695/63 <b>12</b> = 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><b>13</b> = PF0033/63 + PX0695/63 <b>14</b> = 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><b>19</b> = PF0011/63 + PX0783/63 <b>20</b> = 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><b>21</b> = PF0033/63 + PX0783/63 <b>22</b> = PF0033/28 + PX0783/28</p>	<p>Z0000 = Non Filtered</p> <p>Axxxx = Standard</p> <p>Bxxxx = Medical</p> <p>Cxxxx = High Performance Standard (Single Fuse Version only)</p> <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 97-100.</p> <p>E.g. BZH11/<b>A0620</b>/00</p> </div>	<p>None</p> <p><b>00</b> = None</p>

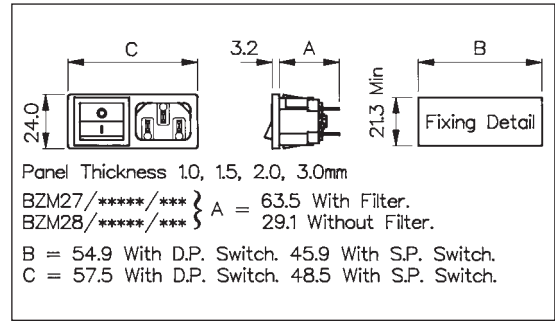
Note: For technical details of individual components please see page 74

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:  <b>27</b> = PX0575/63 <b>42</b> = PX0575/48 <b>28</b> = PX0575/28	Z0000 = Non Filtered Axxxx = Standard Bxxxx = Medical	Single Pole Switch, 4.8mm or solder tab, marked I/O: <b>53</b> = S.P. Switch, 4.8mm tab (I/O) <b>54</b> = S.P. Switch, solder tab (I/O)  Single Pole Illuminated Switch, 4.8mm or solder tab: <b>55</b> = S.P. Switch Illum. Red, 4.8mm tab <b>61</b> = S.P. Switch Illum. Green, 4.8mm tab <b>56</b> = S.P. Switch Illum. Red, solder tab <b>62</b> = S.P. Switch Illum. Green, solder tab  Double Pole Switch, 4.8mm or solder tab, marked I/O: <b>57</b> = D.P. Switch, 4.8mm tab (I/O) <b>58</b> = D.P. Switch, solder tab (I/O)  Double Pole Illuminated Switch, 4.8mm or solder tab: <b>59</b> = D.P. Switch Illum. Red, 4.8mm tab <b>63</b> = D.P. Switch Illum. Green, 4.8mm tab <b>60</b> = D.P. Switch Illum. Red, solder tab <b>64</b> = D.P. Switch Illum. Green, solder tab  Double Pole High Inrush, 4.8mm tabs: <b>65</b> = D.P. High Inrush Switch, 4.8mm tabs (S.P. format)  Double Pole High Inrush, 4.8mm tabs, marked I/O: <b>68</b> = 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: <b>A1</b> = S.P. Switch Illum. Red, 4.8mm tab (I/O) <b>A5</b> = S.P. Switch Illum. Green, 4.8mm tab (I/O) <b>A2</b> = S.P. Switch Illum. Red, solder tab (I/O) <b>A6</b> = S.P. Switch Illum. Green, solder tab (I/O)  Double Pole Illuminated Switch, 4.8mm or solder tab, Marked I/O: <b>A3</b> = D.P. Switch Illum. Red, 4.8mm tab <b>A7</b> = D.P. Switch Illum. Green, 4.8mm tab <b>A4</b> = D.P. Switch Illum. Red, solder tab <b>A8</b> = D.P. Switch Illum. Green, solder tab	<b>1.0mm</b> = A  <b>1.5mm</b> = B  <b>2.0mm</b> = C  <b>3.0mm</b> = D
	For Filtered inlet use 6th to 9th characters from filter ordering code see pages 95-96.  E.g. BZM27/ <b>A0120</b> /57B		

Note: For technical details of individual components please see page 74

Inlet Approvals:

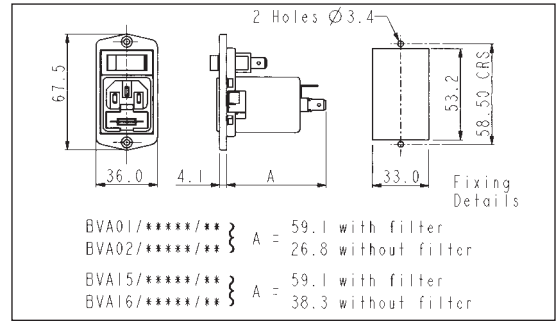


**C14 IEC Fused Inlet - Polyflange**

**VERTICAL MODULE ARRANGEMENT**



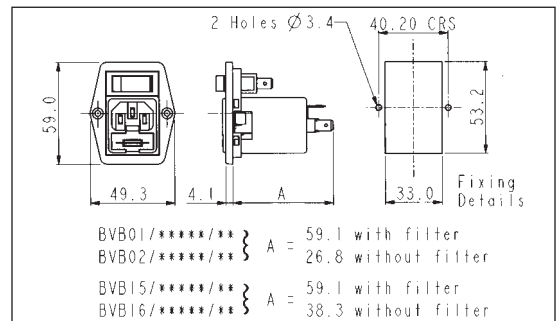
- Fused Inlet with 2.8mm or 6.3mm tags
- Screw Fixing to Panel
- Single Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches



**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



IEC CONNECTORS

**How to Order**

**BVx xx / xxxxx / xx**

Flange Type	Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
<p><b>A</b> = Top fixing</p> <p><b>B</b> = Side fixing</p>	<p>Single Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</p> <p><b>01</b> = PF0011/63 <b>02</b> = PF0011/28</p> <p>Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</p> <p><b>15</b> = PF0033/63 <b>16</b> = PF0033/28</p>	<p>Z0000 = Non Filtered</p> <p>Axxxx = Standard</p> <p>Bxxxx = Medical</p> <p>Cxxxx = High Performance Standard (Single Fuse Version only)</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 97-100.</p> <p>E.g. BVA01/<b>A0620</b>/01</p> </div>	<p>Single Pole Switch:</p> <p><b>01</b> = S.P. Switch</p> <p>Single Pole Neon Switch:</p> <p><b>02</b> = S.P. Red Neon Switch <b>08</b> = S.P. Green Neon Switch</p> <p>Neon Indicator:</p> <p><b>03</b> = Red Neon Indicator</p> <p>Single Pole High Inrush Switch:</p> <p><b>46</b> = S.P. High Inrush Switch</p> <p>Single Pole Switch Marked I/O:</p> <p><b>69</b> = S.P. Switch (I/O)</p> <p>Single Pole Neon Switch Marked (I/O):</p> <p><b>71</b> = S.P. Red Neon Switch (I/O) <b>74</b> = S.P. Green Neon Switch (I/O)</p> <p>Single Pole High Inrush Switch Marked (I/O):</p> <p><b>98</b> = S.P. High Inrush Switch (I/O)</p>

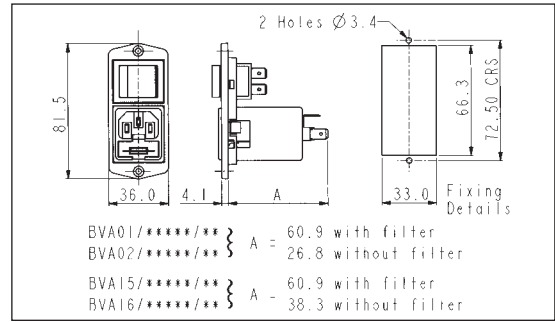
Note: For technical details of individual components please see page 74

C14 IEC Fused Inlet - Polyflange

VERTICAL MODULE ARRANGEMENT



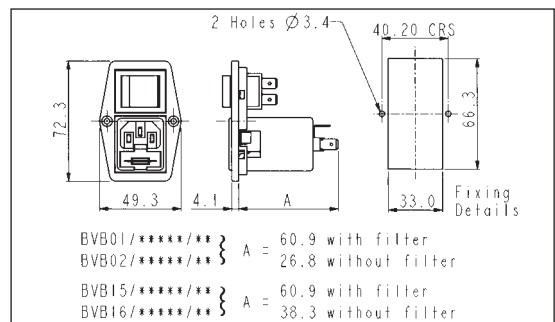
- Fused Inlet with 2.8mm or 6.3mm tags
- Screw Fixing to Panel
- Double Pole Switch Variations
- Filtered Inlet Option
- Options of I/O marked switches



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



IEC CONNECTORS

How to Order

**BVx xx / xxxxx / xx**

Flange Type	Type of Inlet / Outlet	Filtered or Non Filtered Inlet	Combination of Other Components
<p><b>A</b> = Top fixing</p> <p><b>B</b> = Side fixing</p>	<p>Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</p> <p><b>01</b> = PF0011/63 <b>02</b> = PF0011/28</p> <p>Twin Fused C14 Power Inlet (cold condition), 6.3 or 2.8mm tabs:</p> <p><b>15</b> = PF0033/63 <b>16</b> = PF0033/28</p>	<p>Z0000 = Non Filtered</p> <p>Axxxx = Standard</p> <p>Bxxxx = Medical</p> <p>Cxxxx = High Performance Standard (Single Fuse Version only)</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>For Filtered inlet use 6th to 9th characters from filter ordering code see pages 97-100.</p> <p>E.g. BVA01/<b>A0620</b>/10</p> </div>	<p>Neon Indicator:</p> <p><b>D3</b> = Red Neon Indicator</p> <p>Double Pole Switch:</p> <p><b>10</b> = D.P. Switch</p> <p>Double Pole Neon Switch:</p> <p><b>11</b> = D.P. Red Neon Switch <b>12</b> = D.P. Green Neon Switch</p> <p>Double Pole High Inrush Switch:</p> <p><b>13</b> = D.P. High Inrush Switch</p> <p>Double Pole Switch Marked I/O:</p> <p><b>70</b> = D.P. Switch (I/O)</p> <p>Double Pole Neon Switch Marked (I/O):</p> <p><b>76</b> = D.P. Red Neon Switch (I/O) <b>77</b> = D.P. Green Neon Switch (I/O)</p> <p>Double Pole High Inrush Switch Marked (I/O):</p> <p><b>78</b> = D.P. High Inrush Switch (I/O) <b>B1</b> = D.P. High Inrush Green Neon Switch (I/O)</p>

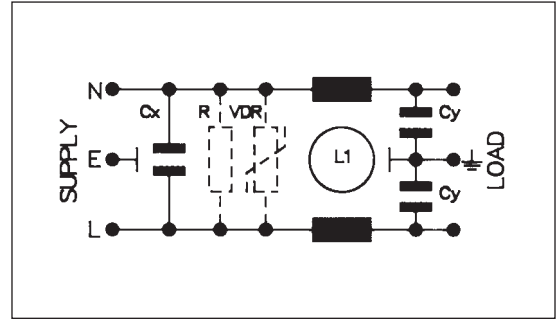
Note: For technical details of individual components please see page 74

**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/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 1 = Bleed (R) Resistor 2 = Surge (VDR) Protection 3 = "R" plus "VDR"	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), 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:

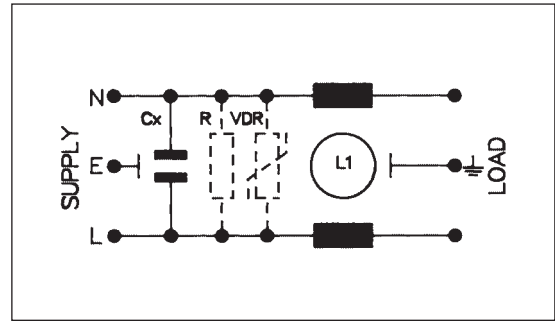
Attenuation Curves: See PS01/A filter, page 103

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



IEC CONNECTORS

**Bxxxx/Bxx xx / xx**

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

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**

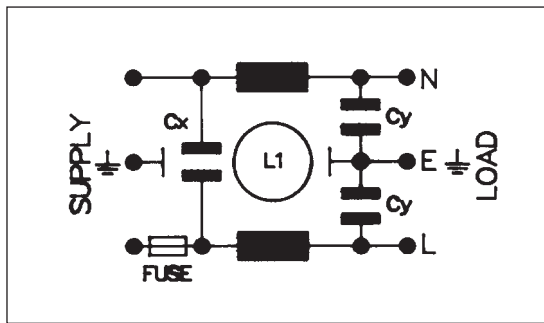
Max. Working Voltage:	250V a.c. 50-400Hz
Earth Leakage Current:	<100µA (typically 5µA, 250V, 50Hz)
Temperature Range:	-25°C to +85°C
Max. Ambient Temp.: (@ Full Load)	40°C (derate linearly to 0A @ 85°C)
Test Voltage:	2700V d.c. 2 secs. Lines to Earth 1100V d.c. 2 secs. Live to Neutral
Approvals:	
Attenuation Curves:	See PS01/B filter, page 105

**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/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	Part No. Example
1 AMP	1				<b>BZV01/A0630/01 =</b> 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.
"	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				

**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 111

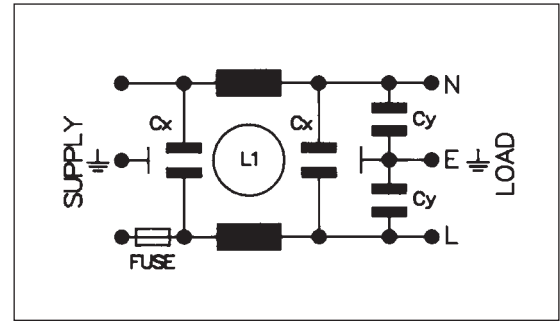
IEC CONNECTORS

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	Part No. Example
1 AMP	1				<b>BZV01/C0330/01 =</b> 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.
"	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				

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 113

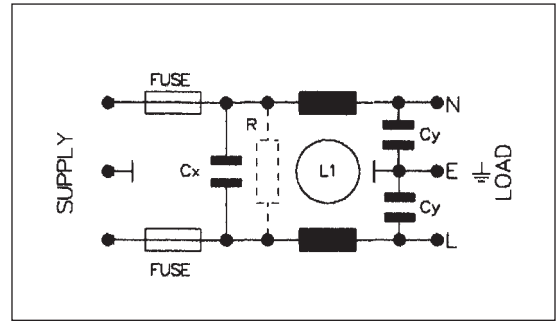
IEC CONNECTORS

**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:**

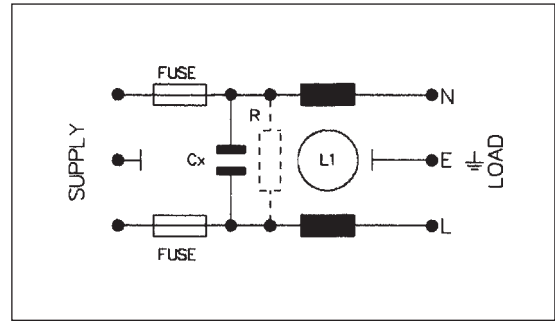
See PS26/A filter, page 115

C14 Inlet Twin Fuse - Medical Filter

EMI FILTER OPTIONS

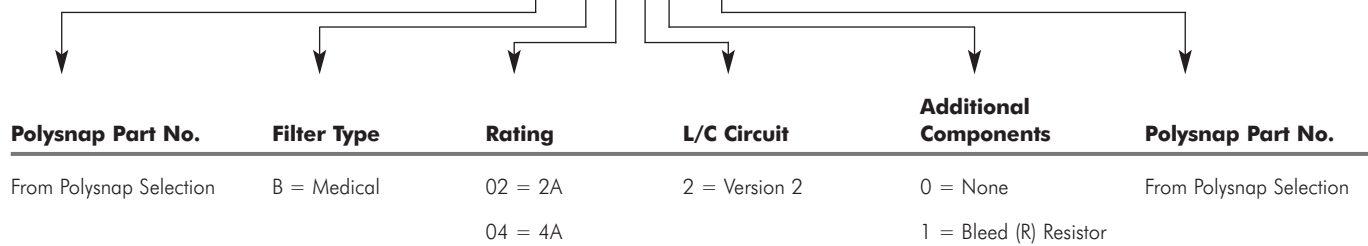


- For Polysnap modules BZV15, BZV16, BZH13, BZH14, BZH15, BZH16, BZH21, BZH22, BVA15, BVA16, BVB15, BVB16
- PF0033 style twin fuse IEC inlet
- Using PS26/B style filter
- Medical Attenuation Filter



IEC CONNECTORS

**Bxxxx/Bxx xx / xx**



Rating	Version	L1	Cx
2 AMP	1	2 x 1.8mH	1 x 15nF
"	2		
"	3		
4 AMP	1	2 x 0.7mH	1 x 15nF
"	2		
"	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 117