



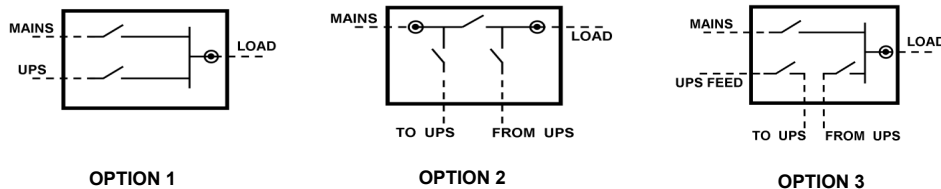
I&M Controls Ltd  
 Tel: 0121 551 7877  
 Fax: 0121 554 3846  
 Orders: sales@iandmcontrols.co.uk  
 Info: www.iandmcontrols.co.uk

**smartMBU Range Price List - August 2008 List Price**  
 Wall Mounting By-Pass Switch Units

**Electrical configuration: single phase in/ single phase out**

Isolator Amps	Input phase	Output phase	Configuration	Sug. UPS KVA*	I&M Controls Part Code Kva.PH.Option	Unit Cost	Max cable size	Enclosure W x H x D
63Amp TP & bolted Neutral	1	1	1	Up to 15	SM15.1/1.1		Minimum Cables Section 4mm <sup>2</sup> Maximum Flexible Cables Section 35mm <sup>2</sup> Maximum Stranded Cables Section 50mm <sup>2</sup>	500mm x 500mm x 140mm
			2		SM15.1/1.2			
			3		SM15.1/1.3			
80Amp TP & bolted Neutral	1	1	1	Up to 19	SM19.1/1.1			
			2		SM19.1/1.2			
			3		SM19.1/1.3			
125Amp TP & bolted Neutral	1	1	1	Up to 30	SM30.1/1.1			
			2		SM30.1/1.2			
			3		SM30.1/1.3			
160Amp TP & bolted Neutral	1	1	1	Up to 38	SM38.1/1.1		Maximum Cables Section 95mm <sup>2</sup>	600mm x 700mm x 140mm
			2		SM38.1/1.2			
			3		SM38.1/1.3			
200Amp TP & bolted Neutral	1	1	1	Up to 48	SM48.1/1.1			
			2		SM48.1/1.2			
			3		SM48.1/1.3			
250Amp TP & bolted Neutral	1	1	1	Up to 60	SM60.1/1.1			
			2		SM60.1/1.2			
			3		SM60.1/1.3			
300Amp TP & bolted Neutral	1	1	1	Up to 72	SM72.1/1.1		Maximum Cables Section 185mm <sup>2</sup>	1000mm x 1100mm x 275mm
			2		SM72.1/1.2			
			3		SM72.1/1.3			
400Amp TP & bolted Neutral	1	1	1	Up to 96	SM96.1/1.1			
			2		SM96.1/1.2			
			3		SM96.1/1.3			
630Amp TP & bolted Neutral	1	1	1	Up to 150	SM150.1/1.1			
			2		SM150.1/1.2			
			3		SM150.1/1.3			

Configuration options:



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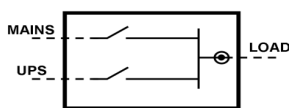
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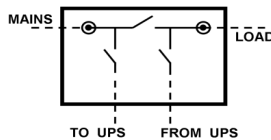
**Electrical configuration: 3 phase in/ 3 phase out**

Isolator Amps	Input phase	Output phase	Configuration	Sug. UPS KVA*	I&M Controls Part Code Kva.PH.Option	Unit Cost	Max cable size	Enclosure W x H x D		
63Amp TP & bolted Neutral	3	3	1	Up to 30	SM30.3/3.1		Minimum Cables Section 4mm <sup>2</sup> Maximum Flexible Cables Section 35mm <sup>2</sup> Maximum Stranded Cables Section 50mm <sup>2</sup>	500mm x 500mm x 140mm		
			2		SM30.3/3.2					
			3		SM30.3/3.3					
80Amp TP & bolted Neutral	3	3	1	Up to 45	SM45.3/3.1					
			2		SM45.3/3.2					
			3		SM45.3/3.3					
125Amp TP & bolted Neutral	3	3	1	Up to 80	SM80.3/3.1					
			2		SM80.3/3.2					
			3		SM80.3/3.3					
160Amp TP & bolted Neutral	3	3	1	Up to 100	SM100.3/3.1		Maximum Cables Section 95mm <sup>2</sup>	600mm x 700mm x 140mm		
			2		SM100.3/3.2					
			3		SM100.3/3.3					
200Amp TP & bolted Neutral	3	3	1	Up to 125	SM125.3/3.1					
			2		SM125.3/3.2					
			3		SM125.3/3.3					
250Amp TP & bolted Neutral	3	3	1	Up to 160	SM160.3/3.1		Maximum Cables Section 95mm <sup>2</sup>	750mm x 900mm x 225mm		
			2		SM160.3/3.2					
			3		SM160.3/3.3					
300Amp TP & bolted Neutral	3	3	1	Up to 200	SM200.3/3.1				Maximum Cables Section 185mm <sup>2</sup>	1000mm x 1100mm x 275mm
			2		SM200.3/3.2					
			3		SM200.3/3.3					
400Amp TP & bolted Neutral	3	3	1	Up to 275	SM275.3/3.1					
			2		SM275.3/3.2					
			3		SM275.3/3.3					
630Amp TP & bolted Neutral	3	3	1	Up to 400	SM400.3/3.1					
			2		SM400.3/3.2					
			3		SM400.3/3.3					

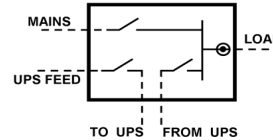
Configuration options:



OPTION 1



OPTION 2



OPTION 3

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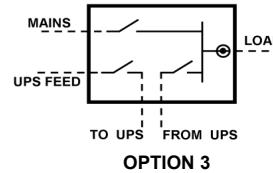
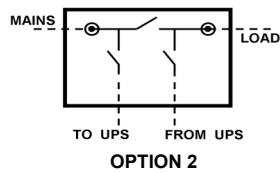
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**Electrical configuration: 3 phase in/ single phase out**

Isolator Amps	Input phase	Output phase	Configuration	Sug. UPS KVA*	I&M Controls Part Code Kva.PH.Option	Unit Cost	Max cable size	Enclosure W x H x D	
63Amp TP & bolted Neutral	3	1	2	Up to 15	<b>SM15.3/1.2</b>		Minimum Cables Section 4mm <sup>2</sup> Maximum Flexible Cables Section 35mm <sup>2</sup> Maximum Stranded Cables Section 50mm <sup>2</sup>	500mm x 500mm x 140mm	
			3		<b>SM15.3/1.3</b>				
80Amp TP & bolted Neutral	3	1	2	Up to 19	<b>SM19.3/1.2</b>				
			3		<b>SM19.3/1.3</b>				
125Amp TP & bolted Neutral	3	1	2	Up to 30	<b>SM30.3/1.2</b>				
			3		<b>SM30.3/1.3</b>				
160Amp TP & bolted Neutral	3	1	2	Up to 38	<b>SM38.3/1.2</b>			Maximum Cables Section 95mm <sup>2</sup>	600mm x 700mm x 140mm
			3		<b>SM38.3/1.3</b>				
200Amp TP & bolted Neutral	3	1	2	Up to 48	<b>SM48.3/1.2</b>				
			3		<b>SM48.3/1.3</b>				
250Amp TP & bolted Neutral	3	1	2	Up to 60	<b>SM60.3/1.2</b>			750mm x 900mm x 225mm	
			3		<b>SM60.3/1.3</b>				
300Amp TP & bolted Neutral	3	1	2	Up to 72	<b>SM72.3/1.2</b>		Maximum Cables Section 185mm <sup>2</sup>	1000mm x 1100mm x 275mm	
			3		<b>SM72.3/1.3</b>				
400Amp TP & bolted Neutral	3	1	2	Up to 96	<b>SM96.3/1.2</b>				
			3		<b>SM96.3/1.3</b>				
630Amp TP & bolted Neutral	3	1	2	Up to 150	<b>SM150.3/1.2</b>				
			3		<b>SM150.3/1.3</b>				

Configuration options:



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**Additional Items:**

Component	I&M part number	Price	Enclosure W x H x D
Cable Box c/w 4off stud type terminals/Partitions/Covers for cables with single hole fixing lugs up to 120mm <sup>2</sup>	<b>SM.CB.4T.500</b> (Upto 125A)		500mm x 250mm 140mm
Cable Box c/w 8off stud type terminals/Partitions/Covers for cables with single hole fixing lugs up to 120mm <sup>2</sup>	<b>SM.CB.8T.500</b> (Upto 125A)		500mm x 250mm 140mm
Cable Box c/w 4off stud type terminals/Partitions/Covers for cables with single hole fixing lugs up to 120mm <sup>2</sup>	<b>SM.CB.4T.600</b> (160A + 200A only)		600mm x 350mm 140mm
Cable Box c/w 8off stud type terminals/Partitions/Covers for cables with single hole fixing lugs up to 120mm <sup>2</sup>	<b>SM.CB.8T.600</b> (160A + 200A only)		600mm x 350mm 140mm
The By-Pass Isolator is c/w 1 off No/Nc changeover auxiliary contact wired to terminals. <i>Additional auxiliary changeover contacts can be provided for other isolators at extra cost</i>	<b>SM.AUX</b>		N/A
Bespoke Colour	<b>SM.Paint</b>	<b>From £x per order</b>	
48 hour despatch option	<b>SM.48hrs</b> (Up to 200A only)	<b>From £x per unit</b>	
Castell Interlock K-Bolt C/W Key Please Note : <b>Castell interlocks have a two-three working week leadtime from submission of symbol details</b>	<b>Cast.K.Bolt</b>	<b>£x per lock</b>	

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Q802508 Rev C