

	<b>T21</b>	<b>T22</b>	<b>T23</b>	<b>T24</b>	<b>T31</b>	<b>T32</b>
Insert type	2 way dolly	2 way dolly	2 way dolly	2 way dolly	intermediate dolly	intermediate dolly
Plate material	wood plinth, plastic collar & brass dome	wood plinth, plastic collar & brass dome	wood plinth, plastic collar & brass dome	wood plinth, plastic collar & brass dome	wood plinth, plastic collar & brass dome	wood plinth, plastic collar & brass dome
Plinth size height	88mm	88mm	230mm	163mm	88mm	88mm
Plinth size width	88mm	154mm	88mm	163mm	88mm	154mm
Plinth, collar & dome depth	46mm	46mm	46mm	46mm	46mm	46mm
Total Depth including switch toggle	60mm	60mm	60mm	60mm	60mm	60mm
Box fixing hole centres	60.3mm	120.6mm	Special	120.6mm & 120.6mm	60.3mm	120.6mm
Nominal wall box depth	Plaster depth / 25mm	Plaster depth / 25mm	Plaster depth / Special	Plaster depth / 25mm	Plaster depth / 25mm	Plaster depth / 25mm
Wattage						
Current Rating	20AX	20AX	20AX	20AX	20AX	20AX
Voltage	250v AC	250v AC	250v AC	250v AC	250v AC	250v AC
Max load	20amp inductive	20amp inductive	20amp inductive	20amp inductive	20amp inductive	20amp inductive
Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
IP rating	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD
Poles	Single	Single	Single	Single	Single	Single
Terminal Capacity	see Note A	see Note A	see Note A	see Note A	see Note A	see Note A
Earth Terminal Capacity	see Note B	see Note B	see Note B	see Note B	see Note B	see Note B
<b>Product Class 1</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>
Ambient Operating Temperature	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C
Recommended Location	indoor use only	indoor use only	indoor use only	indoor use only	indoor use only	indoor use only
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m
BS EN ISO Standard	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1
<b>It is NOT possible to have dimmers in this range.</b>						

	<i>TDP</i>	<i>BPM</i>	<i>FS</i>	<i>FD</i>		
Insert type	double pole doly	bell push	Mounting Plinth	Mounting Plinth		
Plate material	wood plinth, plastic collar & brass dome	wood plinth, plastic collar & brass dome	wood	wood		
Plinth size height	88mm	88mm	108mm	165mm		
Plinth size width	88mm	88mm	108mm	106mm		
Plinth, collar & dome depth	46mm	46mm	11mm	11mm		
Total Depth including switch toggle	60mm	60mm				
Box fixing hole centres	60.3mm	60.3mm	60.3mm	120.6mm		
Nominal wall box depth	Plaster depth / 25mm	Plaster depth / 25mm	25mm	25mm		
Wattage						
Current Rating					20AX	6A
Voltage					250v AC	250v AC
Max load					20amp inductive	6amp
Hz					50Hz	50Hz
IP rating					IP2XD	IP2XD
Poles					Double	Single
Terminal Capacity					see Note A	see Note A
Earth Terminal Capacity					see Note B	see Note B
<b>Product Class 1</b>					<b>Must be earthed</b>	<b>Must be earthed</b>
Ambient Operating Temperature					-5° to +40°C	-5° to +40°C
Recommended Location					indoor use only	indoor use only
Max installation Altitude	2000m	2000m				
BS EN ISO Standard	BS EN 60669-1					
<b>It is NOT possible to have dimmers in this range.</b>						

<b>Hamilton</b> Litestat group <b>Woods</b>	<b>R21</b>	<b>R22</b>	<b>R23</b>	<b>R24</b>	<b>R26</b>	<b>R31</b>	<b>TP</b>	<b>T21</b>	<b>T22</b>	<b>T23</b>	<b>T24</b>	<b>T31</b>	
Insert type	2 way Rocker	2 way Rocker	2 way Rocker	2 way Rocker	2 way Rocker	Intermediate Rocker	Intermediate Rocker	2 way Dolly	2 way Dolly	2 way Dolly	2 way Dolly	Intermediate Dolly	
Plate material (see general notes)	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	
Size (single) height	86mm	86mm					86mm	86mm	86mm	86mm			86mm
Size (single) width	86mm	86mm					86mm	86mm	86mm	86mm			86mm
Size (single) depth	11mm	11mm					11mm	11mm	11mm	11mm			11mm
Size (double) height			86mm	86mm	86mm					86mm	86mm		
Size (double) width			146mm	146mm	146mm					146mm	146mm		
Size (double) depth			11mm	11mm	11mm					11mm	11mm		
Box fixing hole centres	60.3mm	60.3mm	60.3mm	120.6mm	120.6mm	60.3mm	60.3mm	60.3mm	60.3mm	120.6mm	120.6mm	60.3mm	
Minimum wall box depth	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	
Wattage													
Current Rating	10AX	10AX	10AX	10AX	10AX	10AX	10A	20AX	20AX	20AX	20AX	20AX	
Voltage	250V AC	250V AC	250V AC	250V AC	250V AC	250V AC	250V AC	250V AC	250V AC	250V AC	250V AC	250V AC	
Max load	10amp inductive	10amp inductive	10amp inductive	10amp inductive	10amp inductive	10amp inductive	10amp	20amp inductive	20amp inductive	20amp inductive	20amp inductive	20amp inductive	
Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	
IP rating	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	
Poles	1	1	1	1	1	1	3	1	1	1	1	1	
Contact Gap Minimum	3mm	3mm	3mm	3mm	3mm	3mm	3mm	3mm	3mm	3mm	3mm	3mm	
Terminal Capacity	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	
	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	
	1 x 2.5mm <sup>2</sup>	1 x 2.5mm <sup>2</sup>	1 x 2.5mm <sup>2</sup>	1 x 2.5mm <sup>2</sup>	1 x 2.5mm <sup>2</sup>	1 x 2.5mm <sup>2</sup>	1 x 2.5mm <sup>2</sup>	2 x 2.5mm <sup>2</sup>	2 x 2.5mm <sup>2</sup>	2 x 2.5mm <sup>2</sup>	2 x 2.5mm <sup>2</sup>	2 x 2.5mm <sup>2</sup>	
	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	
Earth Terminal Capacity	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	
	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	6 x 1mm <sup>2</sup>	6 x 1mm <sup>2</sup>	6 x 1mm <sup>2</sup>	6 x 1mm <sup>2</sup>	6 x 1mm <sup>2</sup>	
	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	5 x 1.5mm <sup>2</sup>	5 x 1.5mm <sup>2</sup>	5 x 1.5mm <sup>2</sup>	5 x 1.5mm <sup>2</sup>	5 x 1.5mm <sup>2</sup>	
	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	
	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand	
	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	
<b>Product Class 1</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	
Ambient Operating Temperature	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	
Recommended Location	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	
BS EN ISO Standard	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	BS EN 60669-1	


**Technical Info - Woods** (read in conjunction with General Notes)

	<i>C11</i>	<i>SS1</i>	<i>SS2</i>	<i>U5</i>	<i>SHS</i>	<i>5258</i>	<i>5320</i>	<i>6126</i>
Insert type	Card Switch	Switched Socket	Switched Socket	Unswitched Socket	Shaver Socket (Vertical)	Unswitched American socket	Unswitched American socket	Unswitched German socket
Plate material (see general notes)	Metal (2 part)	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing
Size (single) height	86mm	86mm		86mm		86mm		86mm
Size (single) width	86mm	86mm		86mm		86mm		
Size (single) depth	11mm	11mm		11mm		11mm		
Size (double) height			86mm		146mm		86mm	
Size (double) width			146mm					
Size (double) depth			11mm					
Box fixing hole centres	60.3mm	60.3mm	120.6mm	60.3mm	120.6mm	60.3mm	120.6mm	60.3mm
Minimum wall box depth	35mm	35mm	35mm	35mm	47mm	25mm	25mm	25mm
Wattage								
Current Rating	10A (6AX)	13A	13A	5A	20VA	15amps	15amp	10/16amp
Voltage	230V AC	250V AC	250V AC	250V AC	250V AC	127v	127v	230volt
Max load	10amp (6amp inductive)	13 amps	13 amps	5 amps	250v input; 115/230v output	15amps	15amps	16amps
Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
IP rating	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD
Poles	1	2 + Earth	2 + Earth	2 + Earth	2	2 poles + Earth	2 poles + Earth	2 poles + Earth
Contact Gap Minimum	MICRO GAP	3mm	3mm	n/a	n/a			
Terminal Capacity	3 x 1mm <sup>2</sup>	4 x 2.5mm <sup>2</sup>	4 x 2.5mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>			
	2 x 1.5mm <sup>2</sup>	3 x 4mm <sup>2</sup>	3 x 4mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>			
	1 x 2.5mm <sup>2</sup>	1 x 6mm <sup>2</sup> Multi-Strand	1 x 6mm <sup>2</sup> Multi-Strand	2 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>			
		1 x 10mm <sup>2</sup>	1 x 10mm <sup>2</sup>	1 x 4mm <sup>2</sup>	2 x 4mm <sup>2</sup> Multi-Strand			
Earth Terminal Capacity					1 x 6mm <sup>2</sup>			
	5 x 1mm <sup>2</sup>	4 x 2.5mm <sup>2</sup>	4 x 2.5mm <sup>2</sup>	5 x 1mm <sup>2</sup>	9 x 1mm <sup>2</sup>			
	4 x 1.5mm <sup>2</sup>	3 x 4mm <sup>2</sup>	3 x 4mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	6 x 1.5mm <sup>2</sup>			
	3 x 2.5mm <sup>2</sup>	1 x 6mm <sup>2</sup> Multi-Strand	1 x 6mm <sup>2</sup> Multi-Strand	2 x 2.5mm <sup>2</sup>	4 x 2.5mm <sup>2</sup>			
	1 x 4mm <sup>2</sup> Multi-Strand	1 x 10mm <sup>2</sup>	1 x 10mm <sup>2</sup>	1 x 4mm <sup>2</sup>	2 x 4mm <sup>2</sup> Multi-Strand			
					1 x 6mm <sup>2</sup>			
<b>Product Class 1</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>	<b>Must be earthed</b>
Ambient Operating Temperature	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C
Recommended Location	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor Use only	Indoor Use only	Indoor Use only
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m
BS EN ISO Standard	BS EN 60669-2-3	BS 1363	BS 1363	BS 546	BS EN 61558 - BS 45	UL ,CSA	UL ,CSA	IEC60884-1


<b>Hamilton</b> Litestat group <b>Woods</b>	<b>TV</b>	<b>TVFM</b>	<b>TVI</b>	<b>TV+SAT</b>	<b>SAT</b>	<b>SATI</b>	<b>DTVF</b>	<b>DTVM</b>	<b>DSAT</b>	<b>DTRID</b>	<b>DENT</b>	<b>DSAT+</b>	
Insert type	Aerial socket	Aerial socket	Aerial socket	Aerial socket	Aerial socket	Aerial socket	Digital Aerial socket	Digital Aerial socket	Digital Aerial socket	Digital Aerial socket	Digital Aerial socket	Digital Aerial socket	
Plate material (see general notes)	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Metal	Metal	Metal (2 part)	Metal (2 part)	Metal (2 part)	Metal (2 part)	Metal (2 part)	Metal (2 part)	
Size (single) height	86mm	86mm	86mm	86mm	88mm	88mm	88mm	88mm	88mm	88mm	88mm	Wood & PVC backing	
Size (single) width	86mm	86mm	86mm	86mm	88mm	88mm	88mm	88mm	88mm	88mm	88mm		
Size (single) depth	11mm	11mm	11mm	11mm	10.8mm	10.8mm	10.8mm	10.8mm	10.8mm	10.8mm	10.8mm		
Size (double) height													86mm
Size (double) width													146mm
Size (double) depth												11mm	
Box fixing hole centres	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	120.6mm	
Minimum wall box depth	25mm	25mm	25mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	
Wattage													
Current Rating													
Voltage													
Max load													
Hz													
IP rating	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	
Poles													
Contact Gap Minimum													
Terminal Capacity													
Earth Terminal Capacity	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	
	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	
	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	
	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	
	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	
<b>Product Class 1</b>	<b>Must be earthed if supply cable has metallic sheath</b>												
Ambient Operating Temperature	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	
Recommended Location	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	
BS EN ISO Standard													
<p>Note Mains operated and extra low voltage products must not be installed in the same face plate aperture. When installing within the same back box , phase barriers MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.</p>													

**Technical Info - Woods** (read in conjunction with General Notes)

<b>Hamilton</b> Litestat group <b>Woods</b>	<b>TCM</b>	<b>TCS</b>	<b>J12</b>	<b>2J12</b>	<b>J45</b>	<b>2J45</b>	<b>DPN</b>	<b>45N</b>	<b>45SS1</b>	<b>SPN</b>	<b>FO</b>
Insert type	LJ Telephone master socket	LJ Telephone slave socket	6 wire Telephone socket	6 wire double Telephone socket	8 wire Data socket - CAT 5E	8 wire double Data socket - CAT 5E	Rocker & neon	Red rocker & neon	Red rocker, neon & socket	Spur & neon	Fuse only
Plate material (see general notes)	Wood & PVC backing	Wood & PVC backing	Metal (2 part)	Metal (2 part)	Metal (2 part)	Metal (2 part)	Wood & PVC backing	Metal (2 part)	Metal (2 part)	Wood & PVC backing	Wood & PVC backing
Size (single) height	86mm	86mm	86mm	86mm	86mm	86mm	86mm	86mm	Wood & PVC backing	86mm	86mm
Size (single) width	86mm	86mm	86mm	86mm	86mm	86mm	86mm	86mm		86mm	86mm
Size (single) depth	11mm	11mm	11mm	11mm	11mm	11mm	11mm	11mm		11mm	11mm
Size (double) height									86mm		
Size (double) width									146mm		
Size (double) depth									11mm		
Box fixing hole centres	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	120.6mm	60.3mm	60.3mm
Minimum wall box depth	25mm	25mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm
Wattage											
Current Rating							20AX	45amp	Switch 45amp; socket 13amp	13A	13A
Voltage							250V AC	250V AC	250V AC	250V AC	250V AC
Max load							20 amp	45 amp	Switch 45amp; socket 13amp	13 amp	13amp
Hz							50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
IP rating	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD
Poles							2	2	2	2	n/a
Contact Gap Minimum							3mm	3mm	3mm	3mm	n/a
Terminal Capacity							3 x 2.5mm <sup>2</sup>	3 x 6mm <sup>2</sup>	3 x 6mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	5 x 1mm <sup>2</sup>
							2 x 4mm <sup>2</sup> Multi-Strand	2 x 10mm <sup>2</sup>	2 x 10mm <sup>2</sup>	2 x 4mm <sup>2</sup> Multi-Strand	4 x 1.5mm <sup>2</sup>
							1 x 6mm <sup>2</sup>	1 x 16mm <sup>2</sup>	1 x 16mm <sup>2</sup>	1 x 6mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>
											1 x 4mm <sup>2</sup> Multi-Strand
Earth Terminal Capacity							5 x 1mm <sup>2</sup>	3 x 6mm <sup>2</sup>	3 x 6mm <sup>2</sup>	6 x 1mm <sup>2</sup>	6 x 1mm <sup>2</sup>
							4 x 1.5mm <sup>2</sup>	5 x 1.5mm <sup>2</sup>	2 x 10mm <sup>2</sup>	2 x 10mm <sup>2</sup>	5 x 1.5mm <sup>2</sup>
							3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>
							1 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand		2 x 4mm <sup>2</sup> Multi-Strand	2 x 4mm <sup>2</sup> Multi-Strand
Product Class 1	Must be earthed if supply cable has metallic sheath						Must be earthed	Must be earthed	Must be earthed	Must be earthed	Must be earthed
Ambient Operating Temperature	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C
Recommended Location	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m
BS EN ISO Standard							BS EN 60669-1	BS EN 60669-1	BS 4177	BS 1363	BS 5733 (Supplied with Fuse Link to BS 1362)
<p>Note: Mains operated and extra low voltage products must not be installed in the same face plate aperture. When installing within the same back box, phase barriers MUST be used to separate the two voltages. See BS 7671 Wiring regulations for further details.</p>											

	1X40	2X40	3X40	4X40	1X60	1X2V	1X3V	1XTE	2XTE	3XTE	4XTE	
Insert type	Dimmer (resistive)*	Dimmer (resistive)*	Dimmer (resistive)*	Dimmer (resistive)*	Dimmer (resistive)*	Dimmer (inductive)*	Dimmer (inductive)*	Dimmer (resistive and inductive)*	Dimmer (resistive and inductive)*	Dimmer (resistive and inductive)*	Dimmer (resistive and inductive)*	
Plate material (see general notes)	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Wood & PVC backing	Metal (2 part)	Metal (2 part)	Metal (2 part)	Metal (2 part)	
Size (single) height	86mm				86mm	86mm	86mm	86mm	86mm			
Size (single) width	86mm				86mm	86mm	86mm	86mm	86mm			
Size (single) depth	11mm				8.5mm	11mm	11mm	11mm	11mm			
Size (double) height		86mm	86mm	86mm						86mm	86mm	
Size (double) width		146mm	146mm	146mm						146mm	146mm	
Size (double) depth		1mm	11mm	11mm						11mm	11mm	
Box fixing hole centres	60.3mm	120.6mm	120.6mm	120.6mm	60.3mm	60.3mm	60.3mm	60.3mm	60.3mm	120.6mm	120.6mm	
Minimum wall box depth	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	35mm	
Wattage	400w	400w	400w	400w	600w	200va (low voltage)	300 va (low voltage)	250W Resistive 210VA Inductive	250W Resistive 210VA Inductive	250W Resistive 210VA Inductive	250W Resistive 210VA Inductive	
Current Rating	230V AC	230V AC	230V AC	1.30 amps per gang	2.5 amps	0.8 amps	1.25 amps	1.1 amps per gang	1.1 amps per gang	1.1 amps per gang	1.1 amps per gang	
Voltage	230V AC	230V AC	230V AC	230V AC	240V AC	240V AC	240V AC	230V AC	230V AC	230V AC	230V AC	
Max load	400w resistive	400w resistive per gang	400w resistive per gang	300w resistive per gang	600w resistive	200va (low voltage)	300va (low voltage)	250W Resistive 210VA Inductive	250W Resistive per gang 210VA Inductive per gang	250W Resistive per gang 210VA Inductive per gang	250W Resistive per gang 210VA Inductive per gang	
Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50 Hz	50 Hz	50Hz	50Hz	50Hz	50Hz	
IP rating	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP2XD	IP20	IP20	IP20	IP20	
Poles	1	1	1	1	1	1	1	1	1	1	1	
Contact Gap Minimum	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
Terminal Capacity	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	2 x 1mm <sup>2</sup>	
	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	2 x 1.5mm <sup>2</sup>	
Earth Terminal Capacity	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	5 x 1mm <sup>2</sup>	
	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	4 x 1.5mm <sup>2</sup>	
	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	3 x 2.5mm <sup>2</sup>	
	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	1 x 4mm <sup>2</sup> Multi-Strand	
	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	1 x 6mm <sup>2</sup>	
Product Class 1	When dimmer modules are fitted to a metal face plate, the face plate must be earthed							When dimmer modules are fitted to a metal face plate, the face plate must be earthed				
Ambient Operating Temperature	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	
Recommended Location	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor use only	
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	2000m	
BS EN ISO Standard	BS EN 60669-2-1	BS EN 60669-2-1	BS EN 60669-2-1	BS EN 60669-2-1	BS 5518	BS5518	BS5518	BS EN 60669-2-1	BS EN 60669-2-1	BS EN 60669-2-1	BS EN 60669-2-1	
	* Denotes LEADING EDGE TECHNOLOGY DIMMERS. Resistive dimmers are suitable for control of incandescent lamps. When dimming GU10 type mains halogen or linear halogen lamps the dimmers need to be derated by 25%. When used for dimming low voltage electronic halogen transformers, it must be noted that the dimmer controls the primary side of the transformer. It is important that you seek advice from the transformer manufacturer that their transformers are suitable to be dimmed by a leading edge type dimmer and that it is compatible with a Hamilton manufactured, resistive, leading edge dimmer. Inductive dimmers are suitable for dimming Laminated or Toroidal type low voltage halogen transformers only.							* Denotes TRAILING EDGE TECHNOLOGY DIMMERS. Are suitable for control of both resistive and inductive loads. When used for dimming low voltage electronic halogen transformers, it must be noted that the dimmer controls the primary side of the transformer. It is important that you seek advice from the transformer manufacturer that their transformers are suitable to be dimmed by a trailing edge type dimmer and that it is compatible with a Hamilton manufactured, trailing edge dimmer.				

**Technical Info - Woods** (read in conjunction with General Notes)

 <b>Woods</b>	<b>BPS</b>	<b>BPD</b>	<b>EUR2</b>	<b>EUR4</b>	<b>BFS</b>	<b>BFD</b>						
Insert type	Blank plate	Blank plate	Double blank plate	Single plate with Eurodata cutout	Frame	Frame						
Plate material (see general notes)	Wood & PVC backing	Wood & PVC backing	Metal (2 part)	Metal (2 part)	Wood & PVC backing	Wood & PVC backing						
Size (single) height	86mm		86mm		Fits over 25mm surface mounted back box							
Size (single) width	86mm		86mm									
Size (single) depth	11mm		11mm									
Size (double) height		86mm		86mm		Fits over 25mm surface mounted back box						
Size (double) width		146mm		146mm								
Size (double) depth		11mm		11mm								
Box fixing hole centres	60.3mm	120.6mm	60.3mm	120.6mm	n/a	n/a						
Minimum wall box depth												
Wattage												
Current Rating												
Voltage												
Max load												
Hz												
IP rating												
Poles												
Contact Gap Minimum												
Terminal Capacity												
Earth Terminal Capacity							5 x 1mm <sup>2</sup> 4 x 1.5mm <sup>2</sup> 3 x 2.5mm <sup>2</sup>	5 x 1mm <sup>2</sup> 4 x 1.5mm <sup>2</sup> 3 x 2.5mm <sup>2</sup>	5 x 1mm <sup>2</sup> 4 x 1.5mm <sup>2</sup> 3 x 2.5mm <sup>2</sup>	5 x 1mm <sup>2</sup> 4 x 1.5mm <sup>2</sup> 3 x 2.5mm <sup>2</sup>	1 x 4mm <sup>2</sup> Multi-Strand 1 x 6mm <sup>2</sup>	1 x 4mm <sup>2</sup> Multi-Strand 1 x 6mm <sup>2</sup>
<b>Product Class 1</b>												
Ambient Operating Temperature	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C	-5° to +40°C						
Recommended Location	Indoor use only	Indoor use only	Indoor use only	Indoor use only	Indoor Use only	Indoor Use only						
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m						
BS EN ISO Standard												