



### Technical Info - IP Weatherproof

(read in conjunction with General Notes)


	<b>IP66US13</b>	<b>IP66SS1</b>	<b>IP662M</b>	<b>45ST5011</b>	<b>45ST5012</b>	<b>45ST5013</b>
Insert type	unswitched socket in enclosure	switched socket in enclosure	enclosure (2 module)	1 gang 1 way rocker in enclosure	2 gang 1 way rocker in enclosure	3 gang 1 way rocker in enclosure
Plate material	Body Grey ABS cover polycarbonate	Body Grey ABS cover polycarbonate	Body Grey ABS cover polycarbonate	grey ABS	grey ABS	grey ABS
Size mm	125 x 82 x 94	125 x 82 x 94	125 x 82 x 94	70 x 85 x 55	70 x 85 x 55	95 x 85 x 55
Box fixing hole centres						
Grid fixing hole centres						
Minimum wall box depth						
Wattage						
Current Rating	13amp	13amp		20AX	20AX	20AX
Voltage	250v AC	250v AC		250v AC	250v AC	250v AC
Max load	13amp	13amp		20amp	20amp	20amp
Hz	50/60 Hz	50/60 Hz		50/60 Hz	50/60 Hz	50/60 Hz
IP rating	IP66 with plug inserted	IP66 with plug inserted	IP66	IP55 when closed	IP55 when closed	IP55 when closed
Poles	2 poles + Earth	2 poles + Earth		Single	Single	Single
Terminal Capacity	See note A	See note A		See note A	See note A	See note A
Earth Terminal Capacity	See note D	See note D	See note D	See note D	See note D	See note D
<b>Product Class 1</b>	Must be earthed	Must be earthed	Must be earthed	Must be earthed	Must be earthed	Must be earthed
Ambient Operating Temperature	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C
Recommended Location	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m
BS EN ISO Standard	BS 1363 EN 60670-1	BS 1363 EN 60670-1	EN 60670-1	BS EN 60669-1 EN 60670-1	BS EN 60669-1 EN 60670-1	BS EN 60669-1 EN 60670-1
Cable capacity	up to 2.5mm	up to 2.5mm	up to 2.5mm			

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	<b>45ST5021</b>	<b>45ST5022</b>	<b>45ST5023</b>	<b>45ST5041</b>	<b>45ST5051</b>	<b>45ST5101</b>
Insert type	1 gang 2 way rocker in enclosure	2 gang 2 way rocker in enclosure	3 gang 2 way rocker in enclosure	1 gang intermediate rocker in enclosure	1 gang retractive rocker in enclosure	1 gang double pole rocker in enclosure
Plate material	grey ABS	grey ABS	grey ABS	grey ABS	grey ABS	grey ABS
Size mm	70 x 85 x 55	70 x 85 x 55	95 x 85 x 55	70 x 85 x 55	70 x 85 x 55	70 x 85 x 55
Box fixing hole centres						
Grid fixing hole centres						
Minimum wall box depth						
Wattage						
Current Rating	20AX	20AX	20AX	16A	20A	20AX
Voltage	250v AC	250v AC	250v AC	250v AC	250v AC	250v AC
Max load	20amp	20amp	20amp	16amps	20amps	20amps
Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
IP rating	IP55 when closed	IP55 when closed	IP55 when closed	IP55 when closed	IP55 when closed	IP55 when closed
Poles	Single	Single	Single	Single	Single	Double
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 D	See note D	See note D	See note D	See note D	See note D
<b>Product Class 1</b>	Must be earthed	Must be earthed	Must be earthed	Must be earthed	Must be earthed	Must be earthed
Ambient Operating Temperature	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C
Recommended Location	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m
BS EN ISO Standard	BS EN 60669-1 EN 60670-1	BS EN 60669-1 EN 60670-1	BS EN 60669-1 EN 60670-1	BS EN 60669-1 EN 60670-1	BS EN 60669-1 EN 60670-1	BS EN 60669-1 EN 60670-1
Cable capacity						


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	<b>45ST597US1</b>	<b>45ST597SS1</b>	<b>45ST597US99</b>	<b>45MM03</b>	<b>45RD02</b>
Insert type	unswitched socket	unswitched socket & switch	unswitched sockets	earth terminal	box to box coupler
Plate material	grey ABS	grey ABS	grey ABS	metal	grey ABS
Size mm	70 x 85 x 55	95 x 85 x 55	140 x 85 x 55		
Box fixing hole centres					
Grid fixing hole centres					
Minimum wall box depth					
Wattage					
Current Rating	13amp	13amp & 20AX	13amp		
Voltage	250v AC	250v AC	250v AC		
Max load	13amp	13amp & 20AX	13amp		
Hz	50/60 Hz	50/60 Hz	50/60 Hz		
IP rating	IP55 when closed	IP55 when closed	IP55 when closed		
Poles	2 poles + Earth	2 poles + Earth	2 poles + Earth		
Terminal Capacity	See note A	See note A	See note A		
Earth Terminal Capacity	See note D	See note D	See note D	See note D	
<b>Product Class 1</b>	Must be earthed	Must be earthed	Must be earthed		
Ambient Operating Temperature	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C		
Recommended Location	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	In IP Enclosures	In IP Enclosures
Max installation Altitude	2000m	2000m	2000m	2000m	2000m
BS EN ISO Standard	BS 1363 EN 60670-1	BS 1363 EN 60670-1	BS 1363 EN 60670-1		
Cable capacity					


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	<b>45CP00</b>	<b>45ST01</b>	<b>45ST02</b>	<b>45ST03</b>	<b>45ST04</b>	<b>45ST99</b>	<b>45501</b>	
Insert type	box to wire or conduit connector							1 gang 1 way rocker
Plate material	grey ABS	grey ABS	grey ABS	grey ABS	grey ABS	grey ABS	grey ABS	
Size mm		70 x 85 x 55	70 x 85 x 55	95 x 85 x 55	120 x 85 x 55	140 x 85 x 55	25 x 45	
Box fixing hole centres								
Grid fixing hole centres								
Minimum wall box depth								
Wattage								
Current Rating								20AX
Voltage								250v
Max load								20amp
Hz								50/60 Hz
IP rating		IP55	IP55	IP55	IP55	IP55		
Poles								Single
Terminal Capacity								See note A
Earth Terminal Capacity								See note D
<b>Product Class 1</b>								Must be earthed
Ambient Operating Temperature		-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	
Recommended Location	In IP Enclosures	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	Suitable for exterior use	In IP Enclosures	
Max installation Altitude	2000m	2000m	2000m	2000m	2000m	2000m	2000m	
BS EN ISO Standard		EN 60670-1	EN 60670-1	EN 60670-1	EN 60670-1	EN 60670-1	BS EN 60669-1	
Cable capacity								

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	<b>45502</b>	<b>45504</b>	<b>45505</b>	<b>45510</b>	<b>45573</b>	<b>45597TS</b>
Insert type	1 gang 2 way rocker	1 gang intermediate rocker	1 gang retractive rocker	1 gang double pole rocker	1 gang double pole key switch	unswitched socket
Plate material	grey ABS	grey ABS	grey ABS	grey ABS	grey ABS	grey ABS
Size mm	25 x 45	25 x 45	25 x 45	25 x 45	25 x 45	50 x 45
Box fixing hole centres						
Grid fixing hole centres						
Minimum wall box depth						
Wattage						
Current Rating	20AX	16A	20A	20AX	20AX	13amp
Voltage	250v AC	250v AC	250v AC	250v AC	250v AC	250v AC
Max load	20amp	16amps	20amps	20amps	20amps	13amp
Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
IP rating						
Poles						
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 D	See note D	See note D	See note D	See note D	See note D
<b>Product Class 1</b>	Must be earthed	Must be earthed	Must be earthed	Must be earthed	Must be earthed	Must be earthed
Ambient Operating Temperature	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C	-5 <sup>0</sup> + 40 <sup>0</sup> C
Recommended Location	In IP Enclosures	In IP Enclosures	In IP Enclosures	In IP Enclosures	In IP Enclosures	Suitable for exterior use
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 1363
Cable capacity						