

5503 Lit Rocker Switches - Single Pole

16A 250Vac



Ratings Information

16(4)A 250Vac T85
10(3)A 250Vac T100
UL 15A 250Vac, CSA 16A 250Vac
UL CSA 250Vac 1hp
UL 85°C, E45221
UL CSA 125Vac ½hp
CSA file LR10990

Inrush 24A to EN61058-1, 20A 28Vdc (In house tests)
μ contact gap.

Examples



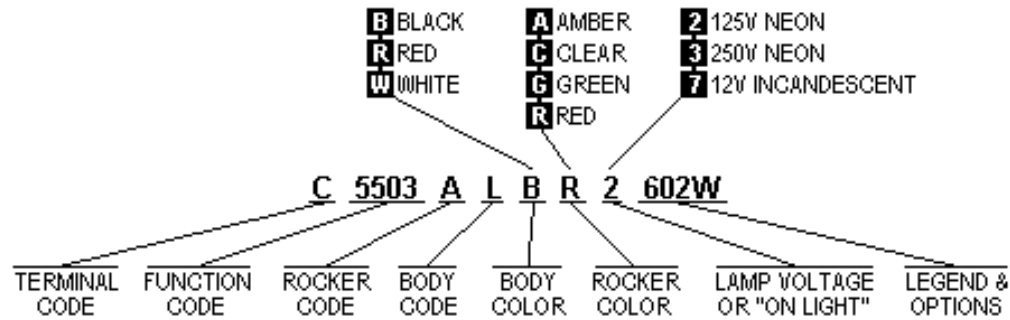
C5503AL



C5503AL

Order Format

For Twin units repeat the order format details for both the right & left sides.



C5503PL

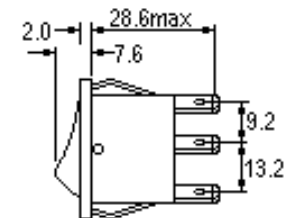


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Dimensions



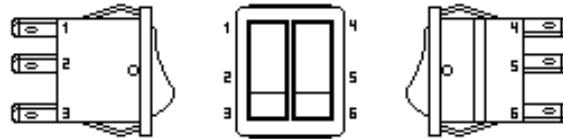
Terminal spacing
Poles 10.2 between centers

Panel Thickness

A, Q	0.75 to 3.3mm
L, B, T	0.75 to 2.5mm
R	0.75 to 3.0mm

Twin Units

Two single switches or a switch and an indicator light can be assembled side by side in one double pole body, for details of body sizes see [1500 Twin units](#).



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C5503PL

For twin units the first set of order format details refer to the left hand unit, when looking at the front of the assembly.
(This has terminal numbers 1, 2 & 3).

Examples Of Legend Printing () is legend color B-Black, W-White, R-Red



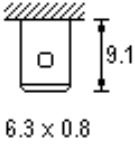


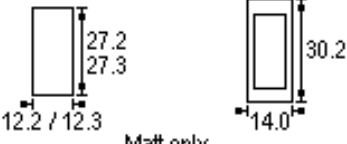
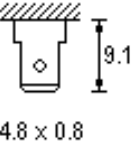


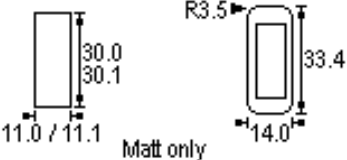
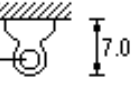
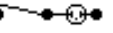

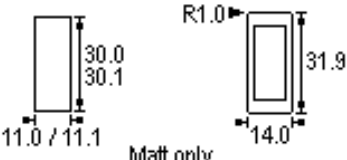
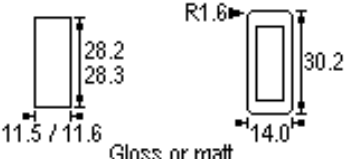
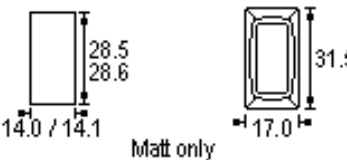
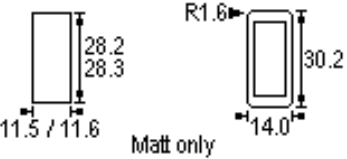

602(W)



3064(W)



706(W)

TERMINAL CODE	SWITCH FUNCTION CODE		ROCKER CODE	BODY CODE		OPTIONS
<p>C</p>  <p>6.3 x 0.8</p>	<p><i>Approvals & ratings vary with function</i> <i>On Off Switches are On when pressed over terminal 3</i></p> 		<p>A Softline Matt only</p> 	<p>Panel cut-outs</p> <p>A</p>  <p>Matt only</p>	<p>Finish Matt finish is standard. For gloss consult factory and specify gloss when ordering.</p>	
<p>H</p>  <p>4.8 x 0.8</p>	<p>5503 μ Preferred option</p>	<p>ON - OFF lit Switched neutral</p> 	<p>P Lit Window Matt only</p> 	<p>B</p>  <p>Matt only</p>	<p>Color Consult factory for custom colors. A full range is available for large orders.</p> <p>Legend printing Select from the examples or call the factory for custom legends.</p> <p>Lamp voltage Consult factory for details of other available voltages.</p>	
<p>T</p>  <p>Solder</p>	<p>5508 μ For special applications</p>	<p>ON - OFF lit Unswitched neutral</p> 	<p>L</p> 	<p>L</p>  <p>Matt only</p> <p>Q</p>  <p>Gloss or matt</p> <p>R</p>  <p>Matt only</p> <p>T</p>  <p>Matt only</p>	<p>Moisture resistant covers (IP65) Will snap on to A, L, Q or T bodies (add G74 as a suffix for single pole and G72 for double pole) but reduce panel thickness by 1.0mm</p>  <p>Panel sealing washer W46 (SP), W42 (DP), is available for the same body sizes but will reduce panel thickness by a further 0.8mm.</p>	

Technical Information

Most major technical information is shown on the page covering the specific product, other details are grouped here for easy reference.

The details shown apply to all Switches and Fuseholders. For electrical products, Indicators or IEC sockets see the individual product page.

Materials

Body and actuator (opaque)
 Actuator (transparent)
 Current carrying parts
 Contact points

Most Products Expections

Nylon 6.6 900 & 380 Vandal options are stainless steel
 Polycarbonate
 Copper Alloy
 Silver Plated
 Silver Alloy n/a for 55/56 & 2000, Gold plated for 1100

Properties - Electrical

Electrical Life (operations)	> 10k, many >50k	See relevant page for details
Contact Resistance (switches) new condition (m ohms)	< 100 (at 12Vdc, 1A)	1100, 2000 contact factory
Contact Resistance (fuseholders) new condition (m ohms)	5 (average)	
Insulation Resistance (M ohms)	> 20	
Dielectric Strength: (kV)		
across open contacts	> 1	
between poles	> 3	
between live parts and accessible metal	> 4	
Comparative Tracking Index (CTI)	> 250	

Properties - Physical

Humidity Resistance at 91-95% relative humidity (to subsequently comply with requirements of dielectric strength test) (hrs)	48	
Impact Resistance (Nm)	> 0.5	
Storage term 5 year period (°C)	< 125	Some discoloration of terminals may occur
Flame Retardancy:		
Standard	UL94V2	Polycarbonate actuators - UL94V2 only
On Request	UL94V0	Not all colors or variants
Solderability to BS 2011 pt.2.1T -	6 secs at 350°C	
Angular movement ± 4° overall (where applicable)	38°	1250, 6000, 8500, 8550, 8600, 8650, 8800 - 26°
Force to operate (Kg). For details contact Sales office	0.2 - 2.0	
Fixing nut torque (where applicable)	1.0Nm (8.91 lb/in)	

General Information

All switches

Insulation Class II.
Heat and Fire resistance Category D.
Ingress Protection without cover IP40.
DC ratings are not approved.

All products

Panel holes must be punched in direction unit
is to be fitted

Illuminated rockers and indicator lights

Transparent lenses on indicator lights and
illuminated switches are moulded in polycarbonate,
a material which is attacked by organic chemicals
and animal or vegetable fats.

Please contact the factory for advice on these
products.

Weights of our most frequently supplied products

Product	gms	Product	gms	Product	gms
0055.0056	5.7/6.8	1350	11.2	5567	14.3
0305	32.9	1500	5.7	6050	13.6
0333	4.5	1520	6.6	6053	14.2
0345	8.9	1550	11.2	7000	10.4
0380 sw only	7.12	1553	11.8	7050	12.3
0383K/P	25.0	1570	12.7	7053	12.9
0392	10.7	1584-1589	11.1	8250	4.9
0430	5.5	1700H	8.4	8300	4.0
0589	3.5	1750H	13.2	8350	5.0
0692	51.8	17500	25.6	8353	5.9
0711-1S	16.6	2000 2pos C SP	3.8	8500	3.8
0712-S	27.8	2000 2pos C DP	4.5	8550	4.8
0717-1S	22.4	2000 5pos A SP	6.3	8553	5.2
0900S/L	2.6/2.9	2000 5pos A DP	7.3	8600	3.5
1048	2.8	T2225B	5.0	8620	4.3
1100	2.0	2950	5.3	8650	6.3
1250SP	5.9	3111	11.8	8670	8.5
1250DP	7.0	5500	7.1	8800	2.9
1300	5.7	5503	7.8	9100	21.1