

8600 Series Rocker Switches

10 A 250 Vac Single & Double Pole



Ratings Information

10(4)A 250 Vac T90 (unless noted below)
UL CSA 10 A 277 Vac (unless noted below)
UL CSA 277 Vac ½ hp, 125 Vac ¼ hp
UL 65° C, file no. E45221
CSA file LR10990

Inrush 25A to EN61058-1 & 10 A 28Vdc (In house tests)
 3mm contact gap except where marked µ.

Examples



H8600VB
T8600VB

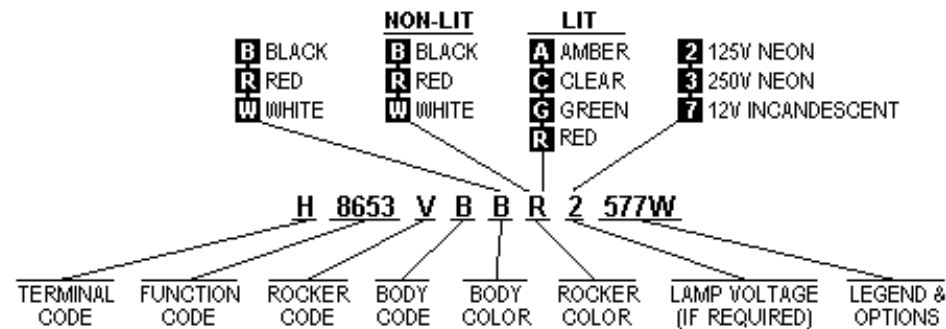


H8600VB
T8600VB



H8630FB

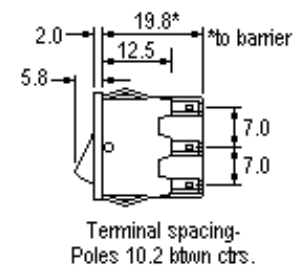
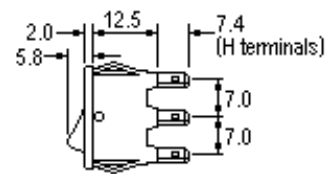
Order Format



Dimensions (All dimensions in mm)

Single Pole

Double Pole Standard is code 'B' with terminal barrier. (Also available without terminal barrier - specify code 'C')



 T8630FB



 H8650VB
 T8650VB

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



577(W)



080(W)



141(W)



142(W)



059(W)



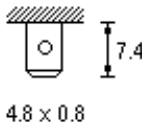
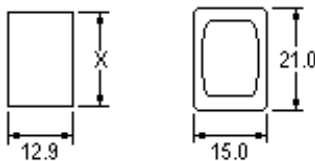
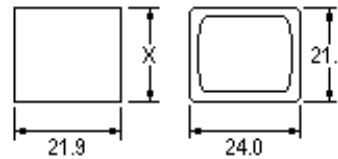
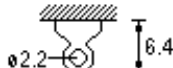
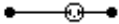
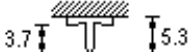
058(W)



 H8660VB
 T8660VB



 H8653VB
 T8653VB

TERMINAL CODE	SWITCH FUNCTION CODE		ROCKER CODE	BODY CODE		OPTIONS
H  4.8 x 0.8	On Off Switches are ON when pressed over terminal 3  Single Pole Approvals & ratings vary with function		V Curved 	Panel cut-outs	Flange	Finish Matt finish is standard Color Consult factory for custom colors. A full range is available for large orders Legend printing Select from the examples or call factory for custom legends Lamp voltage Consult factory for details of other available voltages Single pole options Most switches shown can have single pole switching in double pole bodies Moisture resistant covers (IP65) Will snap on to Single or Double Pole bodies but reduce panel thickness by 0.8mm Ask for (L167 - SP) or (L180 - DP) 
	ON - OFF	8600 		8650 	B (Single Pole) 	
	ON - OFF (momentary ON)	8601 6(1)A Euro 6A UL & CSA 		8651 6(1)A Euro 6A UL & CSA 	Single Pole dimensions for snap-in fixing Panel thickness 0.75 - 1.25 Dimension X 19.1 / 19.2 1.25 - 2.0 19.3 / 19.4 2.0 - 3.0 19.7 / 19.8	
	ON - OFF (momentary OFF)	8602 6A UL & CSA only 		8652 6A UL & CSA only 	B (Double Pole) with terminal barrier C (Double Pole) w/o terminal barrier 	
	ON - OFF with light	N / A		8653 10(4)A Euro 6A UL & CSA 		
T  2.2 6.4	ON - ON	8610 6(1)A 	D Paddle lever Single pole non-lit only 			Note Covers are not suitable for momentary switches
	ON - ON (momentary 1 side)	8611 6A UL & CSA only 		8661 6A UL & CSA only 		
	ON - OFF - ON	8620µ 		8670µ 		
	See 8620 & 8670 Series for product details					
	Indicator	8630 		N / A		
X  3.7 5.3 PCB 0.8Sq. Switches with X terminals are supplied without terminal barriers			F Flat Indicator only (Single pole) 			

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	1750O	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