

8620 & 8670 Rocker Switches - 3 Position

10 A 250 Vac



Ratings Information

10(4)A 250 Vac T90

UL CSA 15A 277Vac (Single Pole)

UL CSA 10A 277Vac (Double Pole)

UL CSA 125Vac ¼ hp (Single Pole)

UL CSA 125Vac ½ hp (Double Pole)

UL CSA 277Vac ½ hp (Single & Double Pole)

UL 90°C, file no. E45221

CSA file no. LR10990

10 A 28Vdc (In house test)

μ contact gap.

Examples

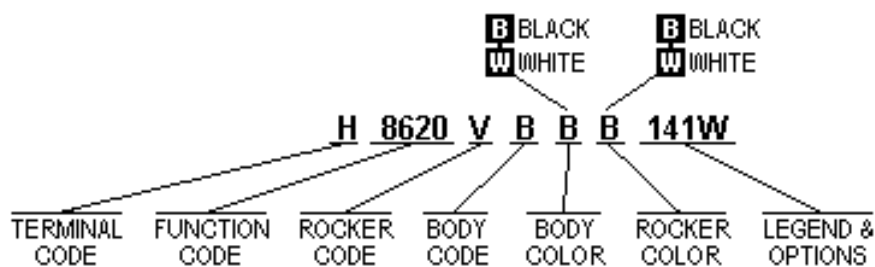


H8620VB
T8620VB



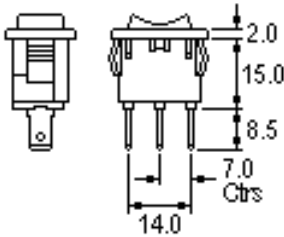
H8670VB
T8670VB

Order Format

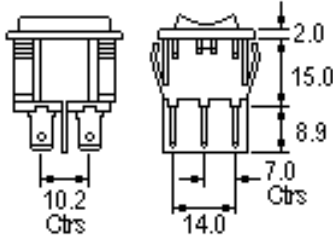


Dimensions

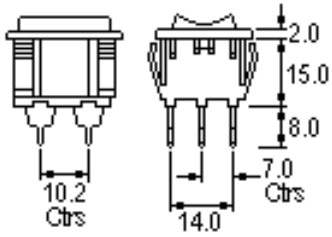
8620



8670 (H Terminals)



8670 (X PCB Terminals)



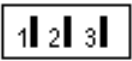
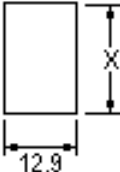
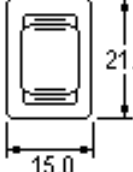
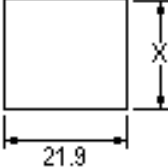
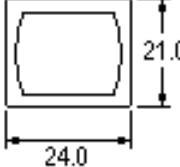
Legend Printing Examples () is legend color B-Black, W-White, R-Red



141(W)



142(W)

TERMINAL CODE	FUNCTION CODE	ROCKER CODE	BODY CODE	OPTIONS
H  4.8 x 0.8	Single Pole 	V Curved 	B Single Pole  Panel thickness 0.75 - 1.25 1.25 - 2.00 2.00 - 3.00	Finish Matt finish only 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 Moisture resistant covers (IP65) Will snap on to SP or DP bodies but will reduce panel thickness by 0.8mm Ask for (L167 - SP) or (L180 - DP) 
T  Solder ø2.15	ON - OFF - ON 		 Dimension X 19.1 / 19.2 19.3 / 19.4 19.7 / 19.8	
X  PCB 0.8Sq. Switches with X terminals are supplied without terminal barriers	Double Pole 		B Double Pole  Panel thickness 0.75 - 1.25 1.25 - 2.00 2.00 - 3.00	
	8670 		 Dimension X 19.1 / 19.2 19.3 / 19.4 19.7 / 19.8	

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)	Nylon 6.6	900 & 380 Vandal options are stainless steel
Actuator (transparent)	Polycarbonate	
Current carrying parts	Copper Alloy	
	Silver Plated	
Contact points	Silver Alloy	n/a for 55/56 & 2000, Gold plated for 1100

Most Products Expections

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