



Key and Ignition Switches



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Table 4. Key Switch Order Guide and Specifications, continued

	Catalog Listing ¹	Packaging	Connector	Positions	Functions	Terminals	
	84829-02	100 units per box, no screws, w/ nuts	Screw	3	Off-On-Start (Recoil)	3	
	84829-07	25 units per box, with screws & nuts					
	84829-08	100 units per box, with screws & nuts					
	84829-09	140 units per box, with screws & nuts					
	84830-02	100 units per box, no screws, w/ nuts	Screw	3	On(1)-Off-On(2)	6	
	84830-07	25 units per box, with screws & nuts					
	84830-08	100 units per box, with screws & nuts					
	84830-09	140 units per box, with screws & nuts					
	89476-08	100 units per box, with screws & nuts	Screw	3	On(1)-Off-On(2)	6	
	89476-09	140 units per box, with screws & nuts					
	89997-07	25 units per box, with screws & nuts	Screw	3	On(1)-Off-On(2)	6	
	89997-09	140 units per box, with screws & nuts					
	90173-09	140 units per box, with screws & nuts	Screw	3	On(1)-Off-On(2)	6	
	90220-08	100 units per box, with screws & nuts	Screw	3	On(1)-Off-On(2)	6	

¹ Numbers before the dash indicate the model number; numbers following the dash indicate the packaging option.

For more information on packaging options, see Table 3.

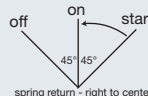
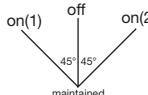
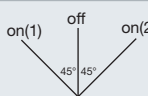
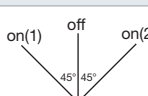
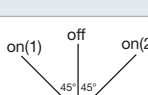
² When there are two adjacent closures in the circuitry options, contacts remain closed between positions.

Table 5. Packaging Codes

Code	Quantity/Packaging ³	Fastenings
01	25 units per box	25 mounting nuts in bag, placed in top layer of carton (no screws)
02	100 units per box	100 mounting nuts in bag, placed in top layer of carton (no screws)
04	140 units per box	140 mounting nuts in bag, placed in top layer of carton (no screws)
07	25 units per box	25 mounting nuts in a bag and the required amount of screws in a bag, placed in top layer of carton
08	100 units per box	100 mounting nuts in a bag and the required amount of screws in a bag, placed in top layer of carton
09	140 units per box	140 mounting nuts in a bag and the required amount of screws in a bag, placed in top layer of carton
10	50 units per box	50 switches individually bagged with mounting nuts and required amount of screws

³ Key switches are bulk packed in cardboard layers with dividers. Products are not individually boxed.

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Contacts	Electrical Rating	Circuitry ² O = Circuit Open; X = Circuit Closed	Key Re-move-able	Key Style	Key Code	Spring-Return	Dimen-sions																
copper	12 Vdc, 20 A 24 Vdc, 10 A 48 Vdc, 4 A	 <table><tr><td>B&B1</td><td>Off</td><td>On</td><td>Start</td></tr><tr><td>B&3</td><td>O</td><td>O</td><td>X</td></tr></table>	B&B1	Off	On	Start	B&3	O	O	X	Off	two-sided	6896	yes	Figure 10								
B&B1	Off	On	Start																				
B&3	O	O	X																				
copper	12 Vdc, 20 A 24 Vdc, 10 A 48 Vdc, 4 A	 <table><tr><td>B&1</td><td>On(1)</td><td>Off</td><td>On(2)</td></tr><tr><td>B&1&2</td><td>X</td><td>O</td><td>O</td></tr><tr><td>B&3</td><td>O</td><td>O</td><td>X</td></tr><tr><td>B1&4</td><td>O</td><td>O</td><td>X</td></tr></table>	B&1	On(1)	Off	On(2)	B&1&2	X	O	O	B&3	O	O	X	B1&4	O	O	X	Off	two-sided	6896	no	Figure 11
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B1&4	O	O	X																				

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Figure 10. Model 84829 Key Switch Dimensions

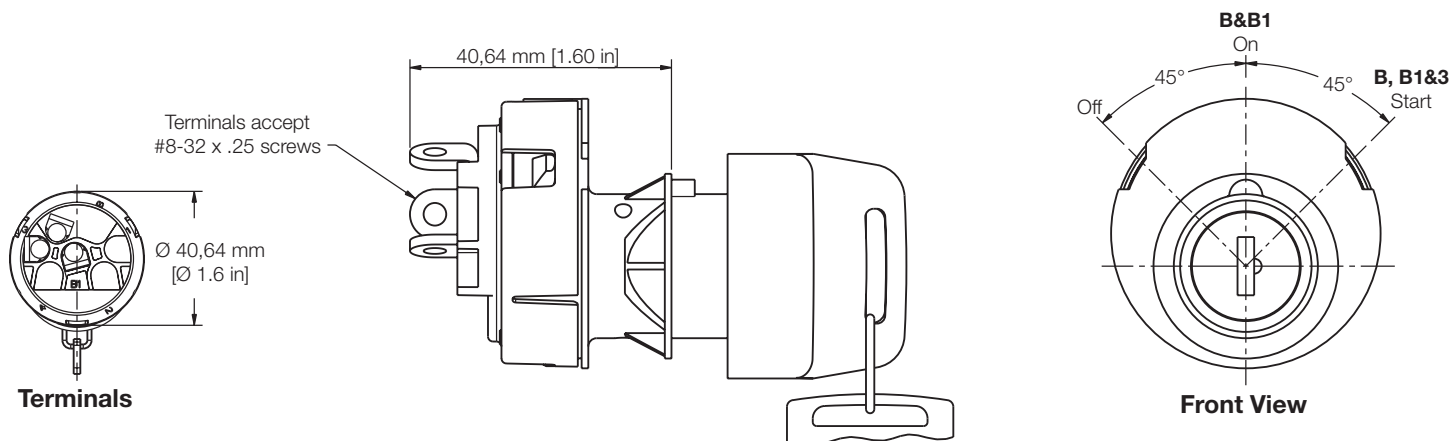


Figure 11. Models 84830, 89476, 89997, 90173, 90220 Key Switch Dimensions

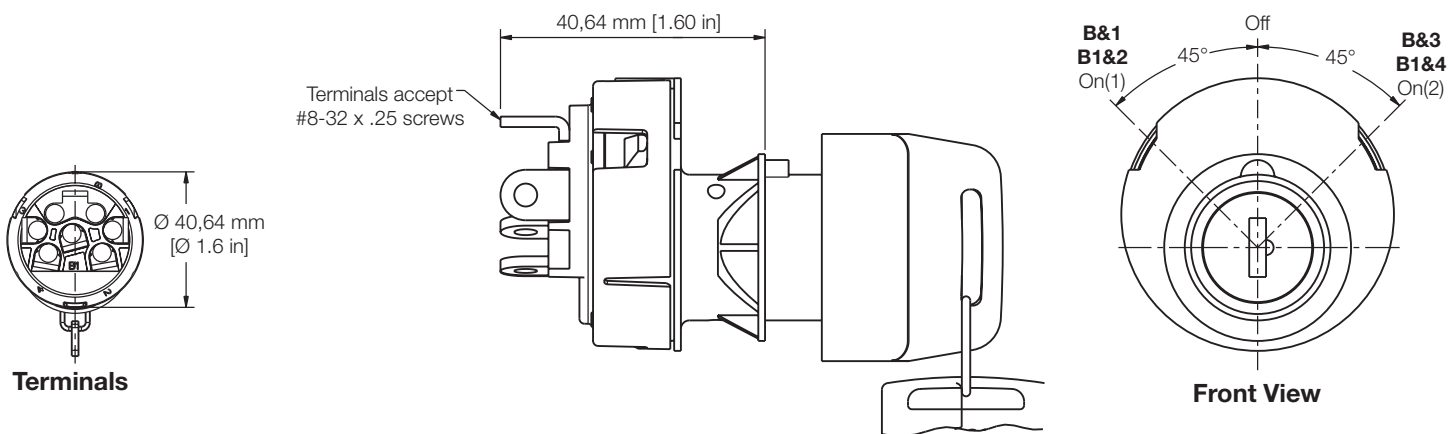


Figure 12. Mounting Hole Cutout Dimensions

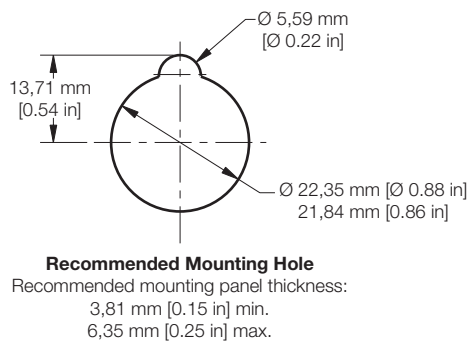


Figure 13. Mounting Nut Dimensions

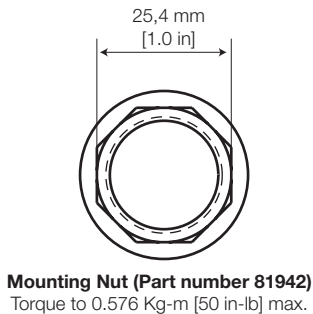


Figure 14. Screw Dimensions

