

660 series

Power toggle switches • metal lever



DISTINCTIVE FEATURES

- Four pole models
- High current/voltage rating
- Screw terminals



ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load : 10 A 30 VDC
- Decrease by 50 % for inductive load
- Initial contact resistance : 10 mΩ max.
- Insulation resistance : 1,000 MΩ min. at 500 VDC
- Dielectric strength : 2,500 Vrms 50 Hz min. between terminals
2,500 Vrms 50 Hz min. between terminals and frame
- Electrical life : 10,000 cycles at full load



GENERAL SPECIFICATIONS

- Torque : 1.50 Nm (1.10 Ft.lb) max. applied to nut.
- Panel thickness : 4.5 mm (.177) max.
- Operating temperature : -20 °C to +55 °C (-4 °F to +131 °F)



MATERIALS

- Case : melamine/polyester
- Actuator : brass, nickel plated
- Bushing : brass, nickel plated
- Contacts silver

The company reserves the right to change specifications without notice.

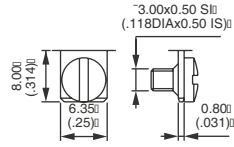


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TERMINALS

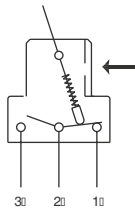


Screw (standard)

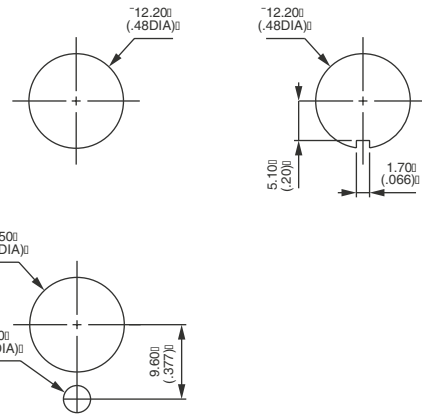


ELECTRICAL FUNCTIONS

→ KEYWAY



PANEL CUT-OUT



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BASIC PART NUMBER

SERIES

NUMBER OF POLES

6 Four pole

ELECTRICAL FUNCTIONS

1	ON	-	OFF
4	ON	ON	ON
5	MOM	-	ON
6	ON	-	ON
7	MOM	OFF	MOM
8	ON	OFF	MOM
9	ON	OFF	ON

OPTIONS

TERMINAL OPTIONS

BLANK	Screw terminals (standard)
/2	Solder lug terminals
/3	Quick-connect terminals

OTHER OPTIONS

T	Tropicalized case
LUXE	Chrome finish
TK LUXE	Front panel sealing + T and LUXE
G	Black finish
GK	Black finish + front panel sealing



On the following page, you will find successively basic part numbers of switches and options.

 **Mounting accessories :** Standard hardware supplied with all models: 1 hex nut U166, 1 knurled nut U411 and 1 lockwasher U13. Standard and special hardware is presented in the "Accessories" section of website..

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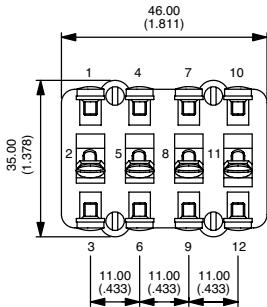
FOUR POLE



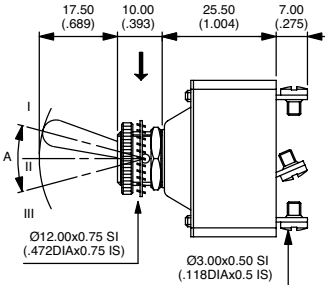
BASIC P/N	A	III 2-1*	II	I 2-3**
661	20°	ON	-	OFF
664 *	28°	ON	ON	ON
665	20°	MOM	-	ON
666	20°	ON	-	ON
667	20°	MOM	OFF	MOM
668	20°	ON	OFF	MOM
669	28°	ON	OFF	ON

* (2-1) (5-4) (8-7) (11-10) ** (2-3) (5-6) (8-9) (11-12)

→ KEYWAY



A = Angle of throw

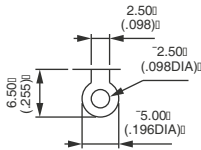


* See "Technical information" on website.

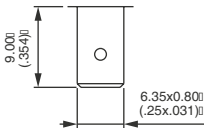
TERMINAL OPTIONS

BASIC P/N

- Blank Screw terminals (standard)
- /2 Solder lug terminals
- /3 Quick-connect terminals 6.35 x 0.8 (.250 x .031)



/2



/3

LOCKING LEVERS

BASIC P/N

- T Tropicalized diallylphthalate case (-40 °C to +85 °C) (-40 °F to +185 °F)
- LUXE Chrome plated lever and cap nut U117
- TK LUXE Options T and LUXE + front panel sealing by O-ring and sealing washer. See 600H series.
- G Black finish on bushing, lever and nuts. Includes tropicalization (option T).
- GK Option G + front panel sealing by O-ring and sealing washer.