

# 1600 and 1700 series ermec@ermec.com

## Toggle switches - metal lever

*Distinctive features and specifications*



- ❑ Reduced behind-panel space requirement (models with side terminals)
- ❑ Optional insulated lever

### ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load : 4A 30VDC
- Initial contact resistance : 10 mΩ max.
- Insulation resistance : 1.000 MΩ min. at 500VDC
- Dielectric strength :
  - 2.000 Vrms 50 Hz min. between terminals
  - 2.000 Vrms 50 Hz min. between poles and between terminals and lever
- Electrical life : 10.000 cycles at full load

### MATERIALS

- Case : phenolic resin
- Actuator :
  - 1600 models : brass nickel plated
  - 1700 models : polyamide
- Bushing : brass, nickel plated
- Contacts : phosphor bronze and brass, silver plated.

### GENERAL SPECIFICATIONS

- Torque : 1,50 Nm (1.10 Ft.lb) max. applied to nut
- Panel thickness : 5 mm (.196) max.
- Operating temperature : -20°C to +55°C

### ABOUT THIS SERIES

**Dimensions** : first dimensions are in mm while inches are shown as bracketed numbers.



**Sealing boots** are available on models 1600 to protect the switches against dust and water. They are presented in section H.



**Mounting accessories** : standard hardware supplied with all models : 1 hex nut U42 and 1 knurled nut U411. They are presented in section I.



**Packaging unit** : 25 or 50 pieces depending on model.



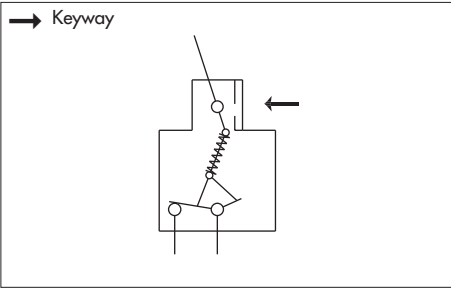
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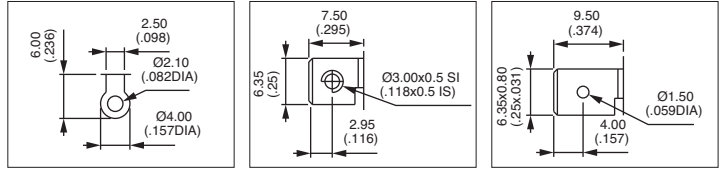


## Toggle switches - metal lever

Solder lug or screw terminals



- Wiping contacts
- Single pole configurations

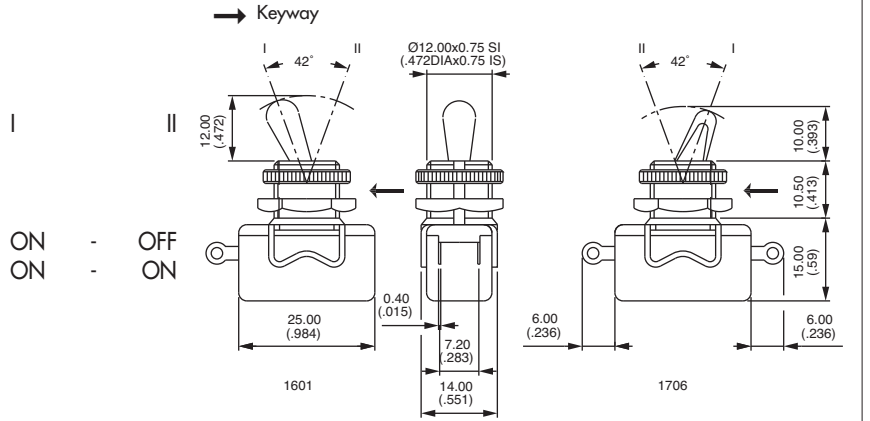


A

### Horizontal solder lug terminals



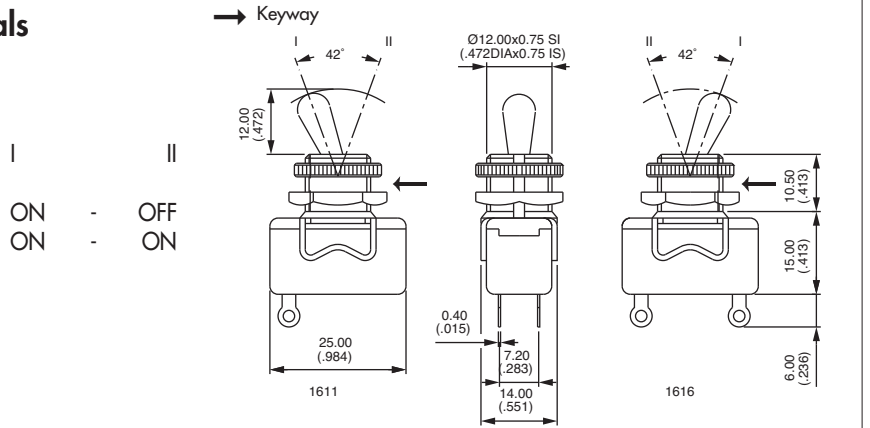
Metal lever	Insulated black lever
1601	1701
1606	1706



### Metal lever - vertical solder lug terminals



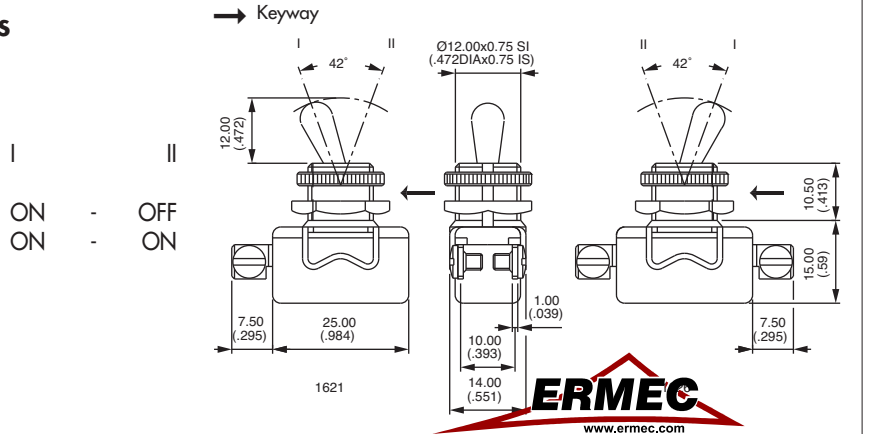
1611	1616
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### Metal lever - horizontal screw terminals



1621	1626
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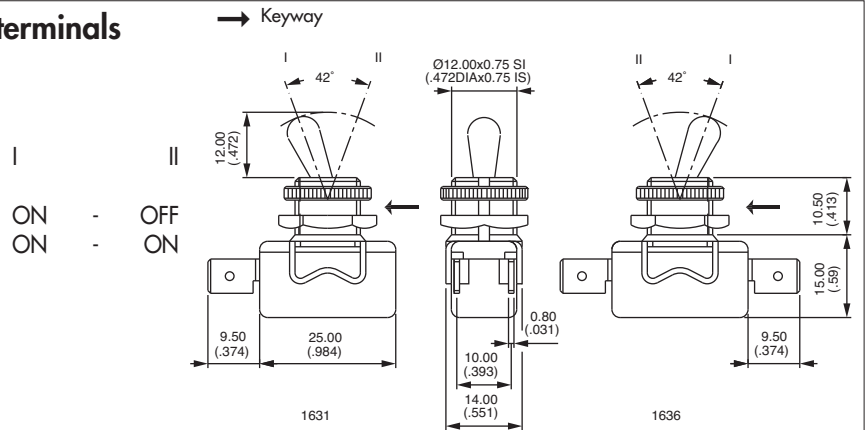
## Toggle switches - metal lever

Quick-connect terminals

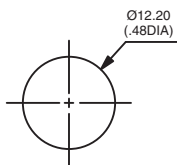
### Metal lever - horizontal quick-connect terminals



1631  
1636



### PANEL CUT-OUT



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