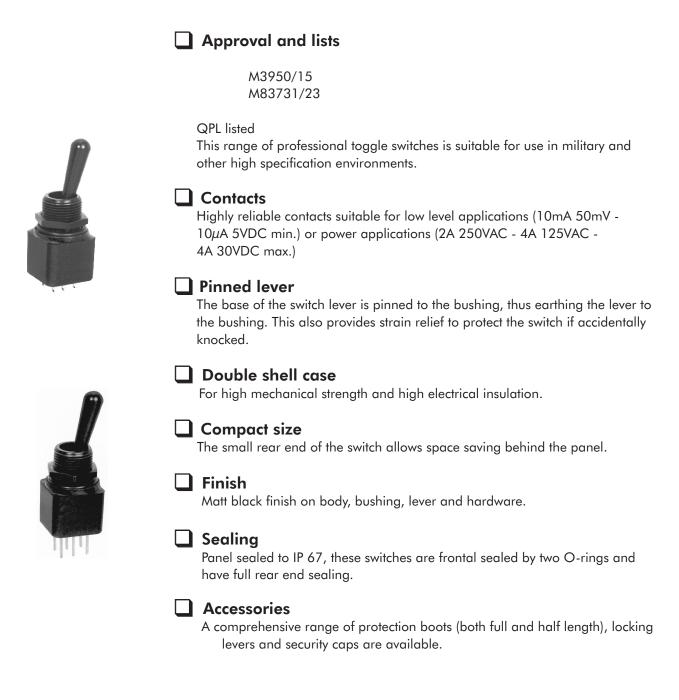
QPL listed toggle switches - threaded bushing Ø 11,9 (15/32)

Distinctive features



QPL listed toggle switches - threaded bushing Ø 11,9 (15/32)

Specifications

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load: 2A 250VAC 4A 125VAC 4A 28VDC

• Minimum load : 10mA 50mV, $10\mu\text{A}$ 5VDCWhen used above 300mA 28VDC, the gold plating is removed on contact areas and is considered only as a protection against oxidation during storage.

• Initial contact resistance : $10 \text{ m}\Omega$ max.

- Insulation resistance : $1.000 \text{ M}\Omega$ min. at 500 VDC
- Dielectric strength:
- 1.000 Vrms 50 Hz min. between terminals
- 2.000 Vrms 50 Hz min. between poles
- 2.000 Vrms 50 Hz min. between terminals and frame
- Contact bounce: 2 ms max.
- · Electrical life :
 - At 2A 250VAC 4A 28VDC :

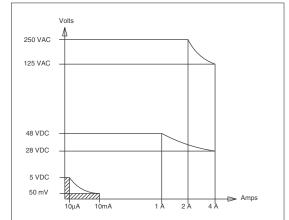
20.000 cycles (10.000 for functions 5, 4-1R, 4-2R)

- At low level (50mV 10mA):

150.000 cycles (switches with 2 maintained positions)

100.000 cycles (switches with 3 maintained positions)

50.000 cycles (momentary functions 7, 8, 4-1R, 4-2R, 5)



MATERIALS

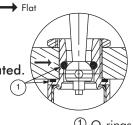
- Case: diallylphthalate (DAP) with plastic external shell (epoxy sealed)
- Actuator: brass, black chrome
- Bushing: brass, black chrome plated
- · Contacts : solid rivet gold plated silver/nickel alloy

SEALING

- Front panel sealing by two O-rings Flatted bush for precise orientation
- Panel seal withstands 1 bar pressure and remains sealed even when the switch is operated.



Splash-proof case



① O-rings

GENERAL SPECIFICATIONS

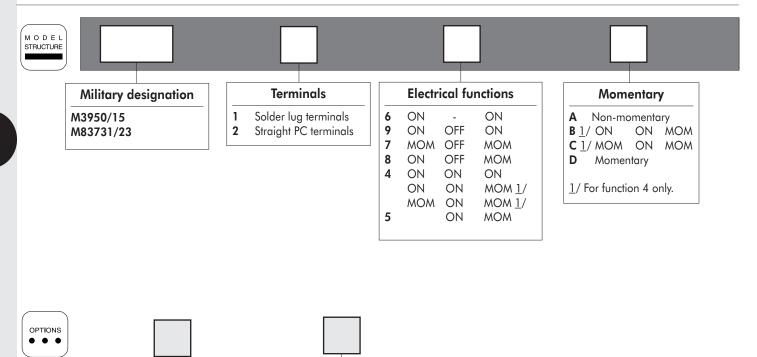
- Torque: 1,50 Nm (1.10 Ft.lb) max. applied to nut
- Panel thickness: 8 mm (.314) max. 3 mm (.118) min.
- Shock test: 50g 11ms (IEC 68-2-27)
- Vibrations: 10-500 Hz 10g (IEC68-2-6)
- Operating temperature : -40°C to +85°C
- Humidity test: 56 days, 93 % R.H., 40°C (IEC 68-2-3)
- Salt spray test: 96 hours (IEC 68-2-11)

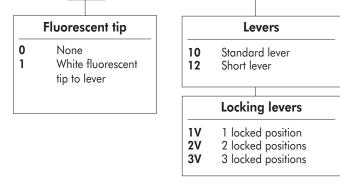
APPROVALS

All models within this range are QPL listed and comply with M3950 and M83731

QPL listed toggle switches - threaded bushing Ø 11,9 (15/32)

Overview





ABOUT THIS SERIES

On the following pages, you will find successively :

- model structure of switches
- options in the same order as in above chart

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



Sealing boots can be used to further protect the switches against dust and water. They are presented in section H.



Mounting accessories: standard hardware supplied with all models: 1 hex nut 14 mm (.551) across flats, part number U41. This nut is presented after model structure of switches.

Security caps are available to prevent inadvertent lever operation. They are presented in section I.

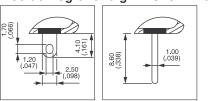


Packaging unit: 20 pieces

QPL listed toggle switches - threaded bushing Ø 11,9 (15/32)

Terminations

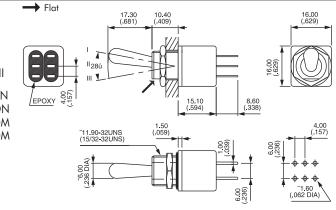
Solder lug or straight PC terminals







M3950/1526 M3950/1529 M3950/1527 M3950/1528



FLUORESCENT TIP

Blank None

0.38 White fluorescent tip.

Becomes luminous when submitted to ultra-violet rays.

Standard lever

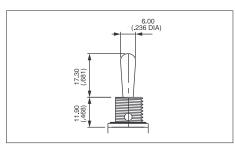
Locking lever



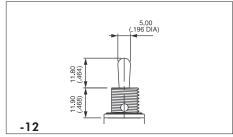


LEVERS / LOCKING LEVERS

Levers



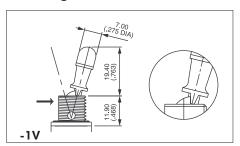
Standard (leave blank)



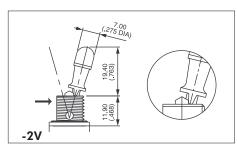
Short lever

Sealing boots : see section H. Security caps : see section I.

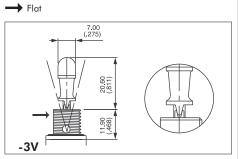
Locking levers



1 locked position (function 6)



2 locked positions (function 6)



3 locked positions (functions 9 and 4)