

# 21000N series

Low profile toggle switches

*Distinctive features and specifications*

UG1006-A



- Available with threaded or plain bushing, both with mounting plate
- Low profile - same height for single and double pole
- Wave solderable only

## ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
  - silver contacts (A) : 2A 250VAC - 4A 125VAC - 4A 30VDC
  - gold plated brass contacts (LD) : 100mA 30VDC
- Minimum load :
  - silver contacts (A) : 100mA 10V
  - gold plated brass contacts (LD) : 10 $\mu$ A 5VDC - 10mA 50mV
- Initial contact resistance : 20 m $\Omega$  max.
- Insulation resistance : 1.000 M $\Omega$  min. at 500VDC
- 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
- Electrical life at full load :
  - silver contacts (A) : 20.000 cycles
  - gold plated brass contacts (LD) : 50.000 cycles
- Low level or mechanical life : 100.000 cycles

## MATERIALS

- Case and cover : PBT
- Actuator : brass, nickel plated
- Bushing : brass, nickel plated
- Contacts
  - A** : silver
  - LD** : brass, gold plated

## GENERAL SPECIFICATIONS

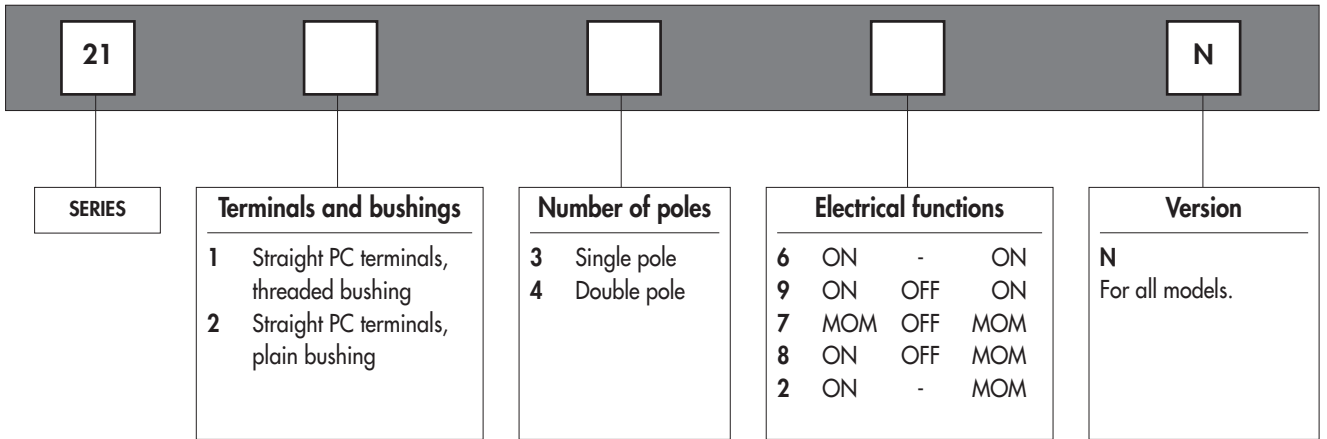
- Operating temperature : -40°C to +85°C

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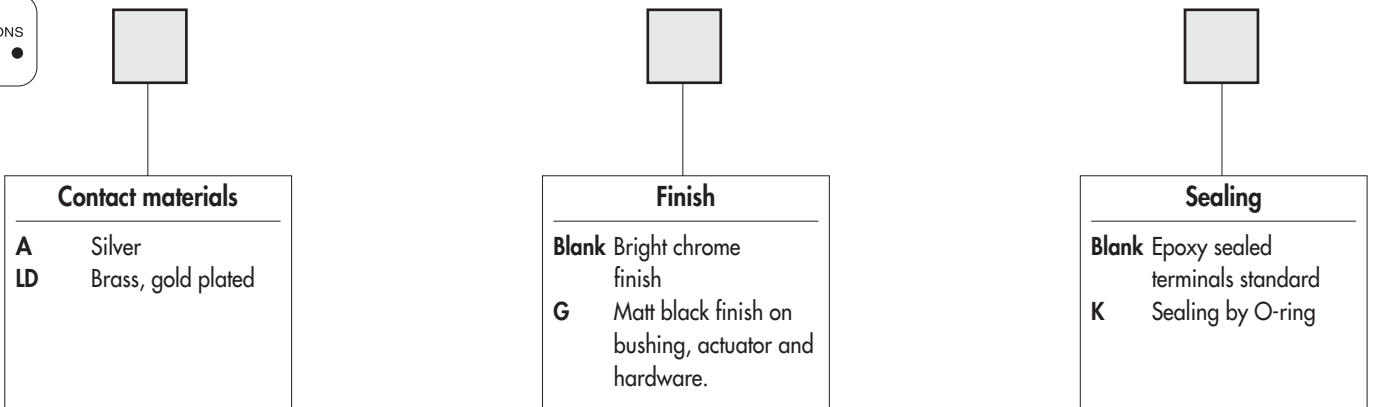
## Low profile toggle switches

Overview

MODEL  
STRUCTURE



OPTIONS



### 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.



**Mounting accessories** : standard hardware supplied with all models with threaded bushing : 2 hex nuts 8 mm (.314) across flats. Standard and special hardware available are presented in section I.



**Packaging unit** : 50 pieces for SP models, 25 pieces for DP.



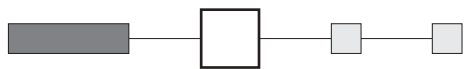




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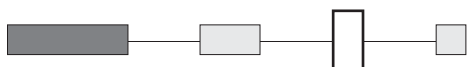
Low profile toggle switches

## CONTACT MATERIALS



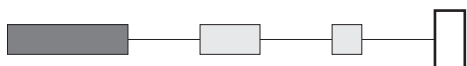
- A Silver
- LD Brass, gold plated

## FINISH



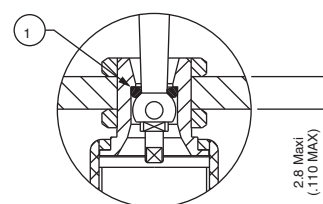
- Blank Bright chrome finish on actuator, nickel plating for bushing and hardware.
- G Matt black finish on bushing, actuator and hardware

## SEALING



Epoxy sealed terminals are standard.

- Blank No sealing except standard.
- K Bushing internally sealed by one O-ring (version without washer U360). Protects the switch against water and dust.



① O-ring