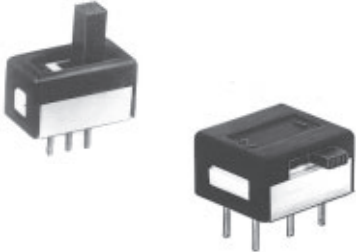


25000N series

Professional slide switches

Distinctive features and specifications

UG1006-A



- Professional grade slide switches for PC boards
- Approved according to UL 1054
- Wave solderable
Not washable in aqueous process
- Available with flush, high and side actuator
- Various actuator lengths

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
 - silver contacts (A) : 2A 250VAC - 4A 125VAC - 1A 30VDC
 - gold plated brass contacts (LD) : 100mA 30VDC
- Minimum load :
 - silver contacts (A) : 100mA 10V
 - gold plated brass contacts (LD) : 10 μ A 5VDC - 10mA 50mV
- Initial contact resistance :
 - silver contacts (A) : 10m Ω max.
 - gold plated brass contacts (LD) : 50m Ω max.
- Insulation resistance : 1.000 M Ω 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 : 10.000 cycles at full load
- Low level or mechanical life : 20.000 cycles

MATERIALS

- Case : PBT
- Actuator : polyamide, glass filled
- Cover : polyamide, glass filled
- Contacts
 - A : silver
 - LD : brass, gold plated
- Terminal seal : epoxy

APPROVALS



Availability : consult factory for details of approved models.

Marking : To order switches marked UL, complete the "Options and Approvals" box of ordering format.

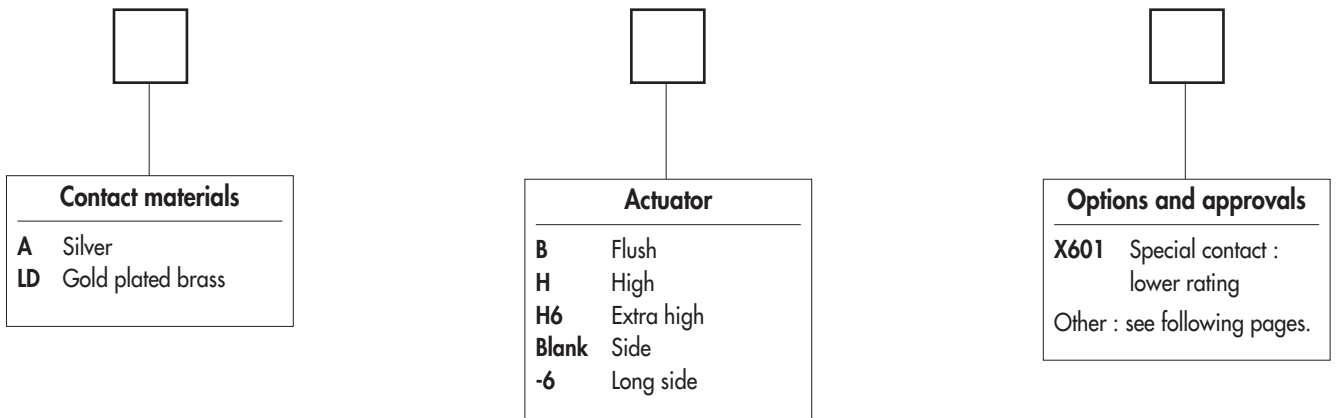
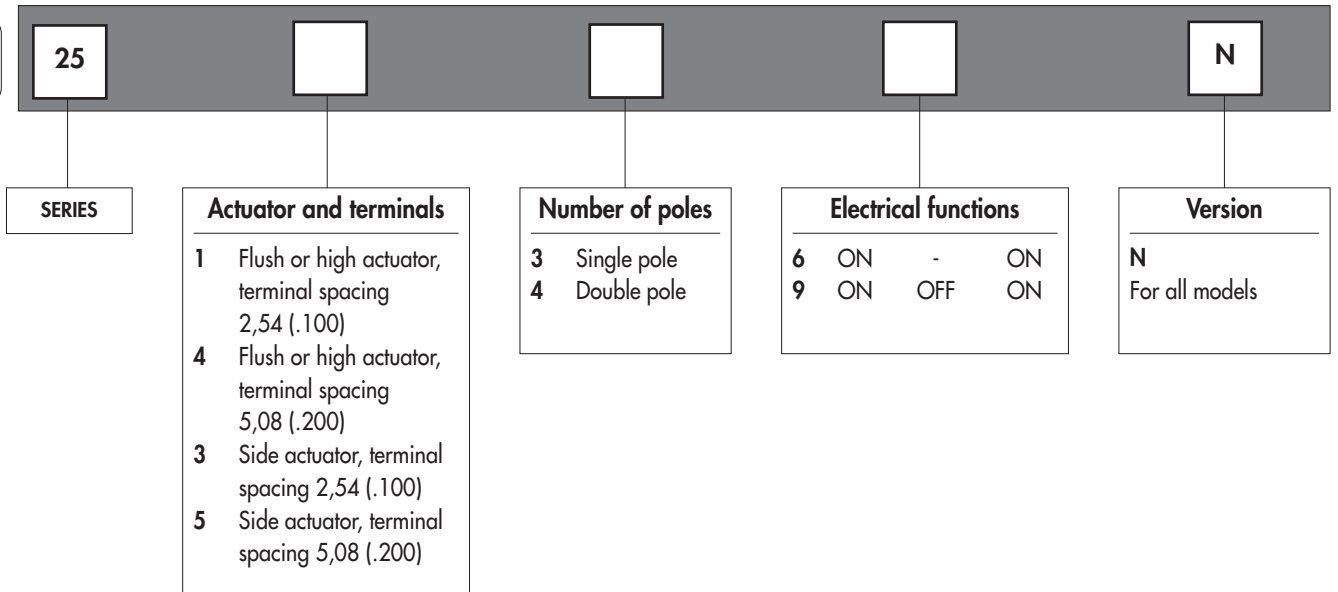
GENERAL SPECIFICATIONS

- Operating temperature :
 - 40°C to +85°C
- Overall length : 14 mm (.551)
- Actuator height (outside case) :
 - high : 2,80 mm (.110)
 - extra high : 6 mm (.236)
 - side : 2,3 mm (.090)
 - long side : 6 mm (.236)
- Travel : 4 mm (.157)

25000N series

Professional slide switches

Overview



ABOUT THIS SERIES

On the following pages, you will find successively :

- model structure of switches (including actuator options)
- contact options

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



NOTICE : please note that not all combinations of above numbers are available. Refer to the following pages for further information.



Packaging unit : single pole : 100 pieces - double pole : 50 pieces

25000N series

Professional slide switches



Side actuator : 25000N



Terminal spacing
2,54 (.100)

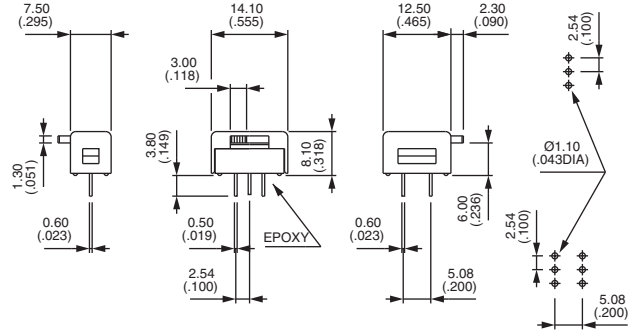
Single pole
25336N
25339N

Double pole
25346N
25349N

Terminal spacing
5,08 (.200)

Single pole
25536N
25539N

Double pole
25546N
25549N



Long side actuator : 25000N-6



Terminal spacing
2,54 (.100)

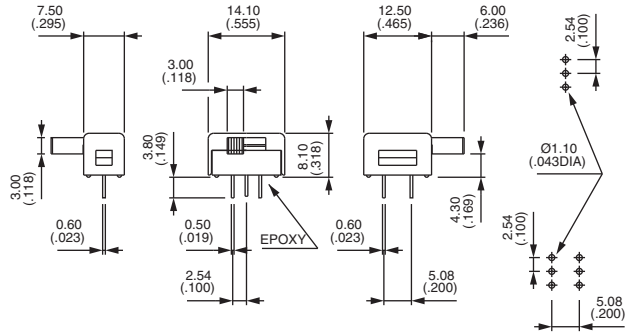
Single pole
25336N -6
25339N -6

Double pole
25346N -6
25349N -6

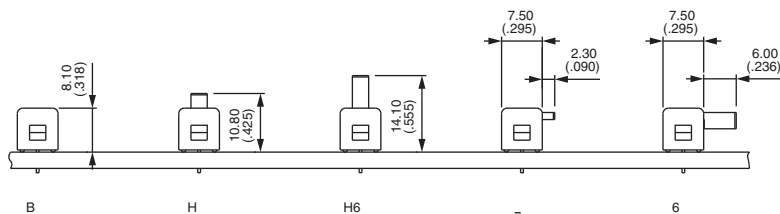
Terminal spacing
5,08 (.200)

Single pole
25536N -6
25539N -6

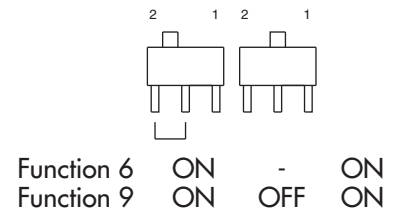
Double pole
25546N -6
25549N -6



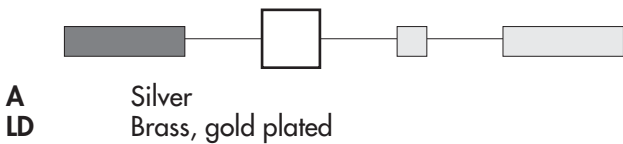
PCB MOUNTING



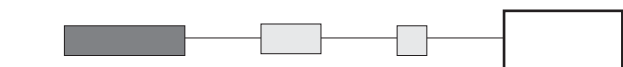
POSITIONS AND CONNECTIONS



CONTACT MATERIALS



OPTIONS AND APPROVALS



- X601** Silver plated brass contacts - Lower rating 3VA 30VDC. Min quantity : 5.000 pieces per model and shipment.
- X693** Flame retardant plastic materials
- X693UL** Switches approved and marked UL (silver contacts only)