

25000N series

Professional slide switches



DISTINCTIVE FEATURES

Professional grade slide switches for PC boards

Approved according to UL 1054

Wave solderable

Available with flush, high and side actuator

Various actuator lengths



ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
 - silver contacts (A) : 1 A 30 VDC
 - gold plated brass contacts (LD) : 100 mA 30 VDC
- Minimum load :
 - silver contacts (A) : 100 mA 10 V
 - gold plated brass contacts (LD) : 10 μ A 5 VDC - 10 mA 50 mV
- Initial contact resistance :
 - silver contacts (A) : 10 m Ω max.
 - gold plated brass contacts (LD) : 50 m Ω max.
- Insulation resistance : 1,000 M Ω 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
- Electrical life : 10,000 cycles at full load
- Low level or mechanical life : 20,000 cycles



GENERAL SPECIFICATIONS

- Operating temperature : -40 °C to +85 °C (-40 °F to +185 °F)
- Overall length : 14 mm (.551)
- Actuator height (outside case) :
 - high : 2.80 mm (.110)
 - extra high : 6 mm (.236)
 - side : 2.30 mm (.090)
 - long side : 6 mm (.236)
- Travel : 4 mm (.157)

The company reserves the right to change specifications without notice.



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MATERIALS

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

APEM products may be recycled at end-of-life for the re-claiming of valuable metal components.

AGENCY APPROVAL



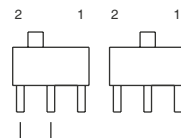
2 A 250 VAC
4 A 125 VAC

Availability : consult factory for details of approved models.

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



POSITIONS AND CONNECTIONS



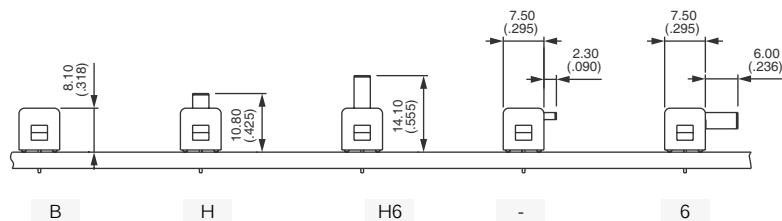
Function 6 : ON - ON
Function 9 : ON OFF ON



ELECTRICAL FUNCTIONS



PCB MOUNTING

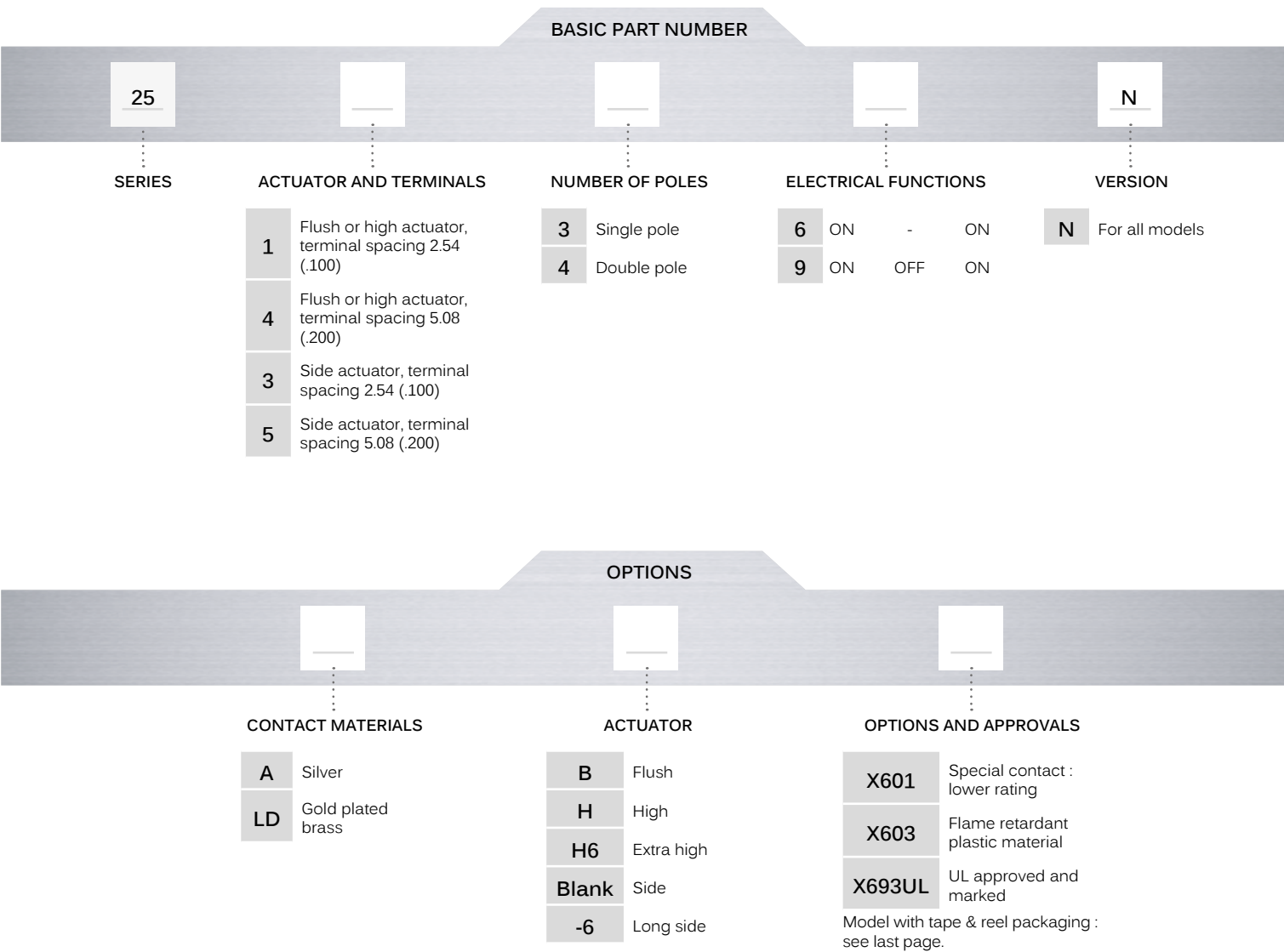


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BUILD YOUR PART NUMBER



ABOUT THIS SERIES

On the following pages, you will find successively basic part numbers of switches and options in the same order as in above chart.



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

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25149N B

25449N B

25146N H

25449N H

25149N H6

25449N H6

25346N

25546N

[illegible]

25000N series

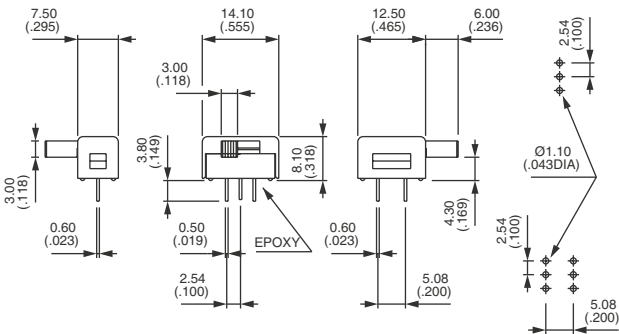
Professional slide switches

LONG SIDE ACTUATOR : 25000N-6



Terminal spacing 2.54 (.100)	Terminal spacing 5.08 (.200)
Single pole	Single pole
25336N -6	25536N -6
25339N -6	25539N -6
Double pole	Double pole
25346N -6	25546N -6
25349N -6	25549N -6

Shown with 2.54 mm terminal spacing

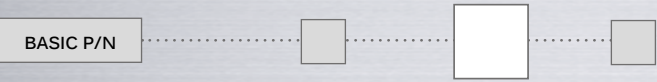


CONTACT MATERIALS



- A Silver
- LD Brass, gold plated

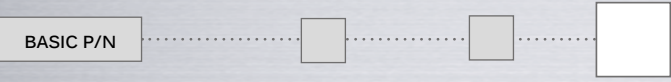
ACTUATORS



Already included in the above part numbers.

- B Flush actuator
- H High actuator
- H6 Extra high
- Blank Side
- 6 Long side

OPTIONS AND APPROVALS



- X601 Silver plated brass contacts - Lower rating 3 VA 30 VDC. Min. quantity : 5,000 pieces per model and shipment.
- X693 Flame retardant plastic materials
- X693UL Switches approved and marked UL (silver contacts only)

MODEL WITH TAPE AND REEL PACKAGING



25436NLDH X693-02 R
On request.