

55000 series

VDE approved miniature toggle switches •
threaded or plain bushing



DISTINCTIVE FEATURES

VDE marked as standard

UL and CSA approvals also available

Single and double pole configurations



ELECTRICAL SPECIFICATIONS

- Class I (normal insulation)
- Small contact opening : μ ($< 3 \text{ mm}$ (.118))
- Current/voltage rating with resistive load : 3 A 250 VAC - 6 A 125 VAC
- Dielectric strength :
2,000 Vrms 50 Hz min. between poles and between terminals and frame
1,000 Vrms 50 Hz min. between terminals
- Special case for increased creepage distance and air gap : 3 mm (.118)



GENERAL SPECIFICATIONS

- Insulating cap, compulsory, supplied glued on the lever :
U270 for models 55600A, 55200A and 55200ZA
U1040 for models 55200WA and 55200WA X433
- Ground connector : U721 compulsory if the panel is not metallic or not connected to ground
- Epoxy sealed terminals standard



MATERIALS

- Contacts : silver
- Case : diallylphthalate (DAP)
- Actuator : brass, chrome plated with insulating vinyl cap
- Bushing : brass, nickel plated
- Housing : stainless steel
- Terminal seal : epoxy

FURTHER SPECIFICATIONS : see 5000 series.

The company reserves the right to change specifications without notice.



55000 series

VDE approved miniature toggle switches •
threaded or plain bushing

AGENCY APPROVALS



EN 61058-1

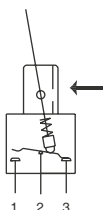


Complete appropriate box of ordering format.

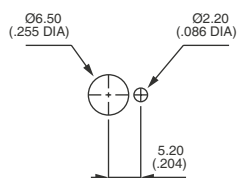


ELECTRICAL FUNCTIONS

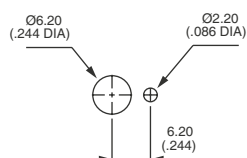
→ KEYWAY



PANEL CUT-OUT



Bushing Ø 6.35 (1/4)



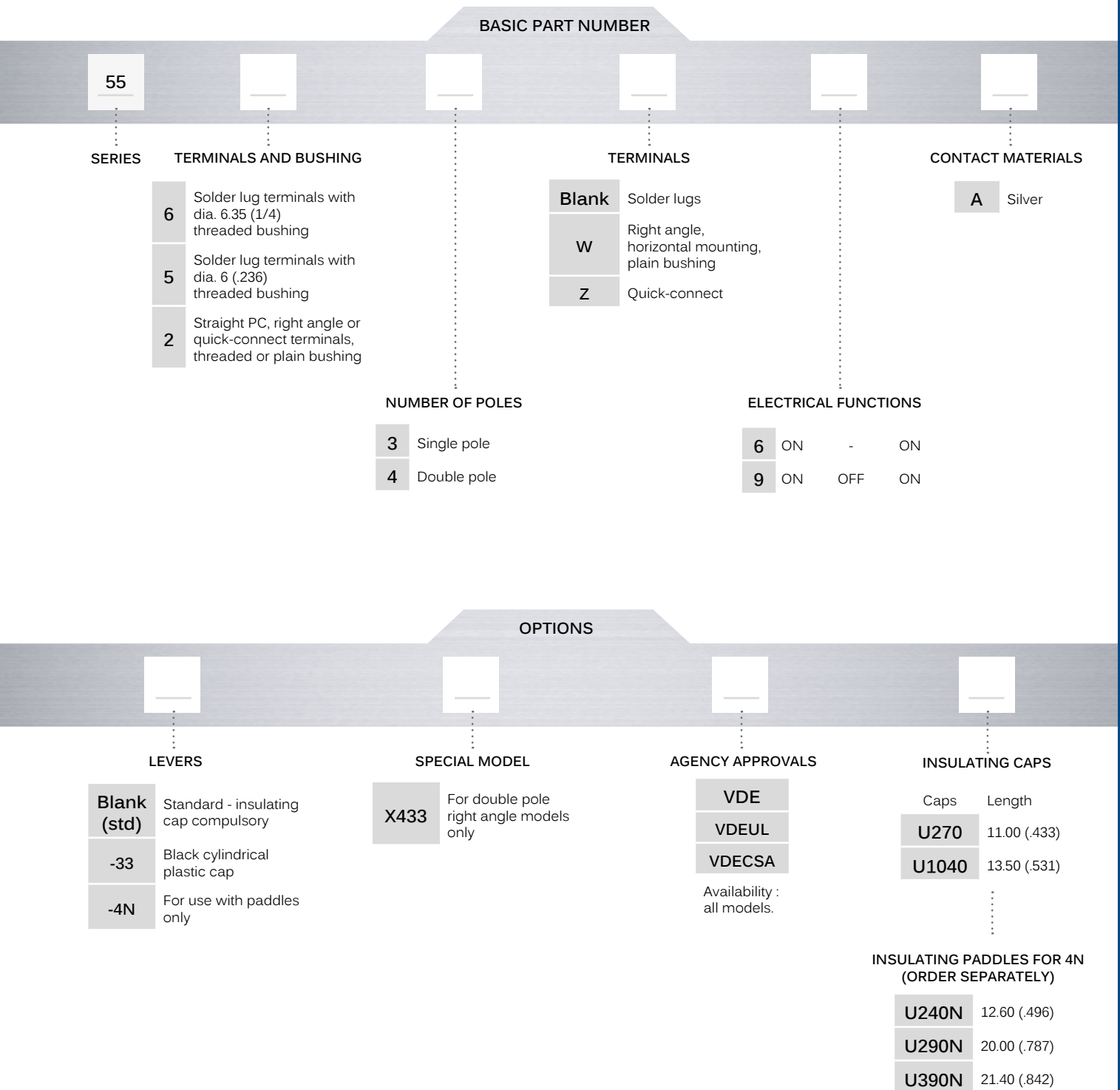
Bushing Ø 6 (.236)

55000 series

VDE approved miniature toggle switches • threaded or plain bushing



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.
- Mounting accessories:** standard hardware supplied with all threaded bushing models : 2 hex nuts 8 mm (.314) across flats, 1 locking ring and 1 lockwasher. Standard and special hardware is presented in the "Hardware" section of website.

55000 series

VDE approved miniature toggle switches • threaded or plain bushing

THREADED BUSHING SOLDER LUG TERMINALS



		III	II	I
		2-3		1-2
Single pole	Double pole	5-6		4-5
55636A	55646A	ON	-	ON
55639A	55649A	ON	OFF	ON

Also available with Ø 6 mm (.236) bushing : 55500.

THREADED BUSHING STRAIGHT PC TERMINALS



		III	II	I
		2-3		1-2
Single pole	Double pole	5-6		4-5
55236A	55246A	ON	-	ON
55239A	55249A	ON	OFF	ON

Also available with Ø 6 mm (.236) bushing : **55100.**

PLAIN BUSHING RIGHT ANGLE TERMINALS - HORIZONTAL



		III	II	I
Single pole	Double pole*	2-3		1-2
		5-6		4-5
55236WA	55246WA X433	ON	-	ON
55239WA	55249WA X433	ON	OFF	ON

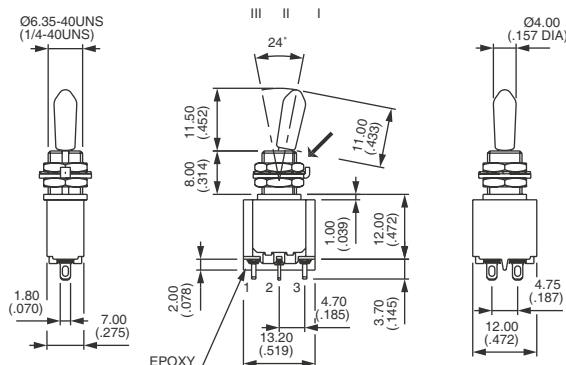
* In double pole W models, spacing between poles on PCB is different from standard : 4,7 mm (.185) instead of 3,81 mm (.150)
Also available for VERTICAL mounting (on request).

THREADED BUSHING QUICK-CONNECT TERMINALS

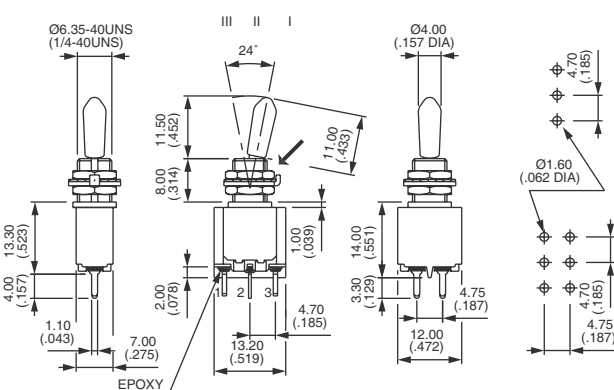


	III	II	I
	2-3		1-2
Single pole	5-6		4-5
55236ZA	ON	-	ON
55239ZA	ON	OFF	ON

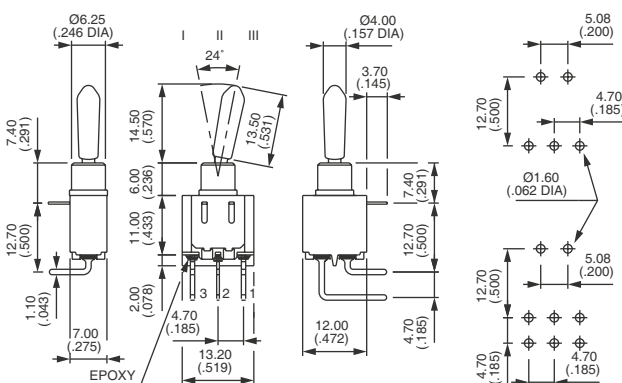
→ KEYWAY



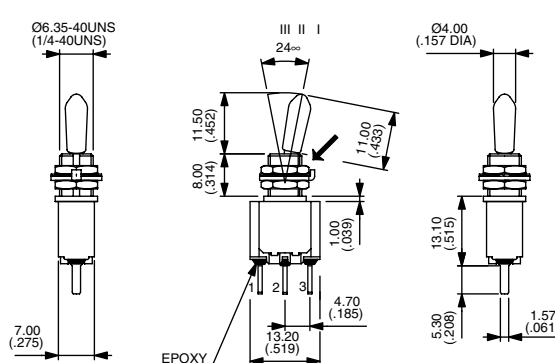
→ KEYWAY



→ KEYWAY



→ KEYWAY



55000 series

VDE approved miniature toggle switches • threaded or plain bushing

LEVERS

```

sequenceDiagram
    participant A[BASIC P/N]
    participant B[ ]
    participant C[ ]
    participant D[ ]
    participant E[ ]
    A -.-> B
    B -.-> C
    C -.-> D
    D -.-> E
  
```

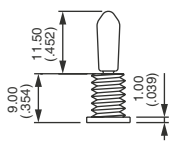
Blank For threaded bushing models - Cap U270 compulsory

Blank For plain bushing models - Cap U1040 compulsory

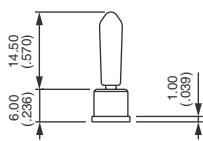
-4N For use with paddles only

-33 Black cylindrical plastic cap - For threaded bushing models

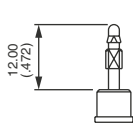
-33 Black cylindrical plastic cap - For plain bushing models



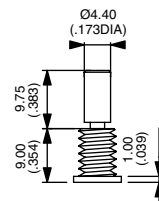
Blank



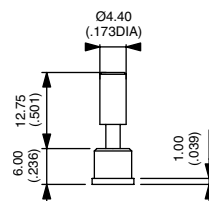
Blank



-4N



-33



-33

SPECIAL MODEL

X433 For double pole right angle models only.

AGENCY APPROVALS

[illegible]

VDE

VDEUL

VDEULCSA

Complete above box with desired approvals.

INSULATING CAPS

A diagram showing a sequence of operations. It starts with a box labeled "BASIC P/N", followed by three empty boxes, and then a box labeled "+ U...". The boxes are connected by a dotted line.

Compulsory - delivered assembled on the lever

U270 For threaded bushing models

U1040 For plain bushing models

For cap colors, replace "0" with number :

1 Blue

1/4 Dark blue

2 Black

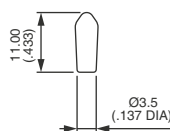
3 Green

4 Grey

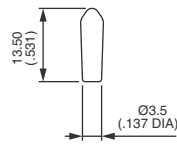
5 Yellow

7/1 White

9 Orange



U270



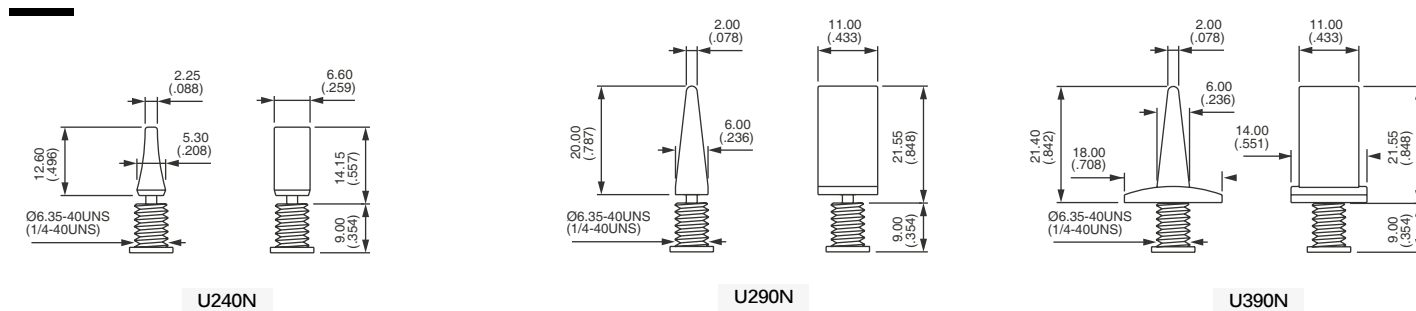
U1040

55000 series

VDE approved miniature toggle switches •
threaded or plain bushing

PADDLES

For use with lever 4N only. Shown with standard threaded bushing. Order separately.

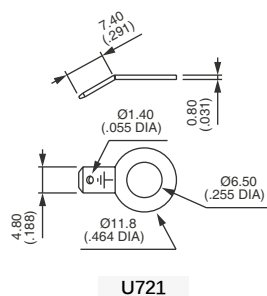


For cap colors, replace «0» with number :

- | | |
|-----|-----------|
| 1 | Blue |
| 1/4 | Dark blue |
| 2 | Black |
| 3 | Green |
| 4 | Grey |
| 5 | Yellow |
| 6 | Red |
| 7 | Ivory |
| 7/1 | White |
| 9 | Orange |

GROUND CONNECTOR

IMPORTANT : compulsory on models with threaded bushing if the panel is not metallic or not connected to ground.
Order separately.



U721

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru