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 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.

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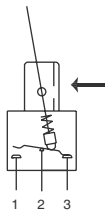
AGENCY APPROVALS

EN 61058-1

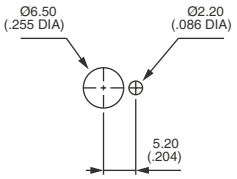
Complete appropriate box of ordering format.

ELECTRICAL FUNCTIONS

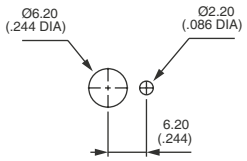
→ KEYWAY



PANEL CUT-OUT



Bushing Ø 6.35 (1/4)



Bushing Ø 6 (.236)

55000 series

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BUILD YOUR PART NUMBER

BASIC PART NUMBER

55 — — — — — —

SERIES

55

TERMINALS AND BUSHING

6	Solder lug terminals with dia. 6.35 (1/4) threaded bushing
5	Solder lug terminals with dia. 6 (.236) threaded bushing
2	Straight PC, right angle or quick-connect terminals, threaded or plain bushing

NUMBER OF POLES

3	Single pole
4	Double pole

TERMINALS

Blank	Solder lugs
W	Right angle, horizontal mounting, plain bushing
Z	Quick-connect

ELECTRICAL FUNCTIONS

6	ON	-	ON
9	ON	OFF	ON

CONTACT MATERIALS

A	Silver

OPTIONS

— — — — — —

LEVERS

Blank (std)	Standard - insulating cap compulsory
-33	Black cylindrical plastic cap
-4N	For use with paddles only

SPECIAL MODEL

X433	For double pole right angle models only

AGENCY APPROVALS

VDE
VDEUL
VDECSA

Availability : all models.

INSULATING CAPS

Caps	Length
U270	11.00 (.433)
U1040	13.50 (.531)

INSULATING PADDLES FOR 4N (ORDER SEPARATELY)

U240N	12.60 (.496)
U290N	20.00 (.787)
U390N	21.40 (.842)

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.

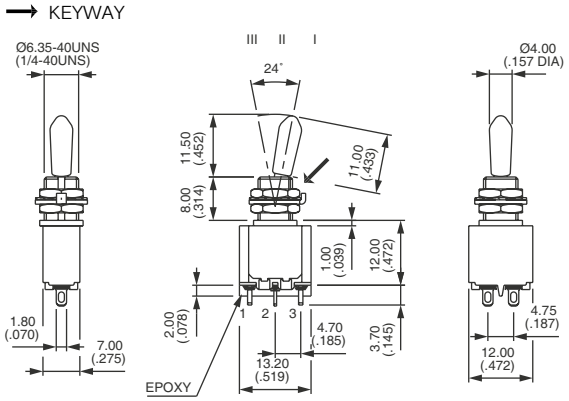
55000 series

VDE approved miniature toggle switches • threaded or plain bushing

THREADED BUSHING SOLDER LUG TERMINALS

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

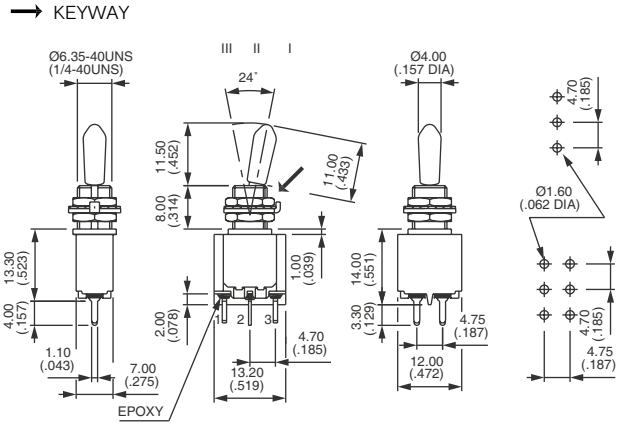
Also available with Ø 6 mm (.236) bushing : **55500**.



THREADED BUSHING STRAIGHT PC TERMINALS

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

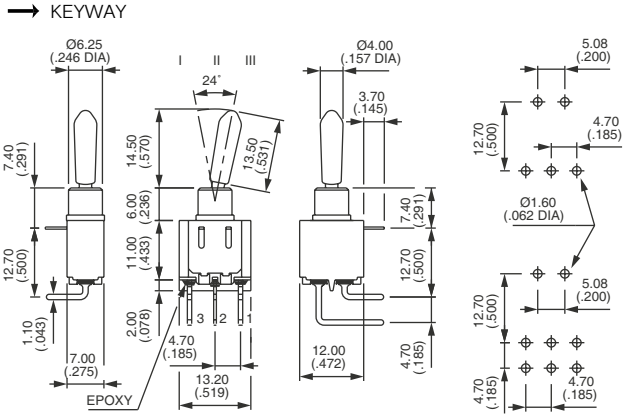
Also available with Ø 6 mm (.236) bushing : **55100**.



PLAIN BUSHING RIGHT ANGLE TERMINALS - HORIZONTAL

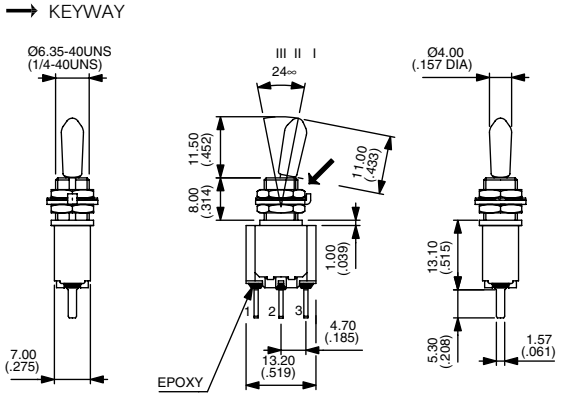
Single pole	Double pole*	III 2-3 5-6	II	I 1-2 4-5
55236WA	55246WA X433	ON	-	ON
55239WA	55249WA X433	ON	OFF	ON

* 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

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



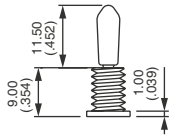
55000 series

VDE approved miniature toggle switches • threaded or plain bushing

LEVERS

BASIC P/N

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



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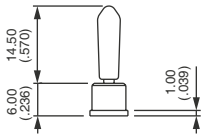
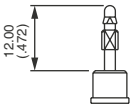
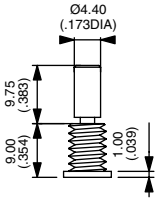


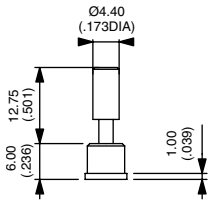
Blank



-4N



-33



-33

SPECIAL MODEL

BASIC P/N

X433 For double pole right angle models only.

AGENCY APPROVALS

BASIC P/N

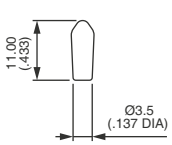
VDE
VDEUL
VDEULCSA

Complete above box with desired approvals.

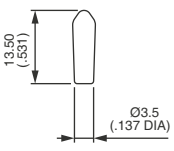
INSULATING CAPS

BASIC P/N + U...

Compulsory - delivered assembled on the lever
U270 For threaded bushing models
U1040 For plain bushing models



U270



U1040

For cap colors, replace "**0**" with number :

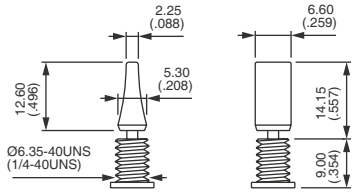
1	Blue
1/4	Dark blue
2	Black
3	Green
4	Grey
5	Yellow
7/1	White
9	Orange

55000 series

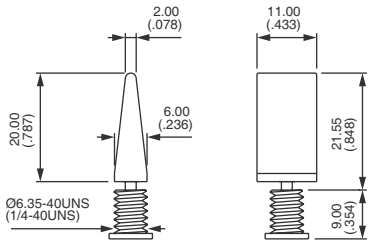
VDE approved miniature toggle switches •
threaded or plain bushing

PADDLES

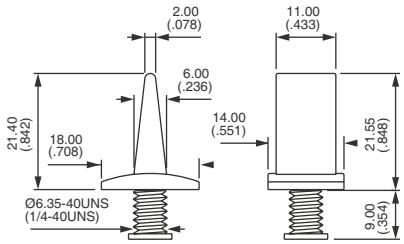
For use with lever 4N only. Shown with standard threaded bushing. **Order separately.**



U240N



U290N



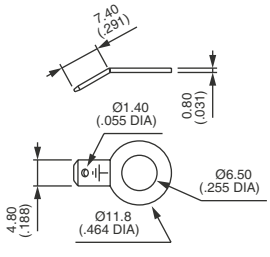
U390N

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

LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

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:

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- *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.*

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- *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.*

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