

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



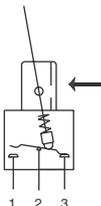
EN 61058-1

Complete appropriate box of ordering format.

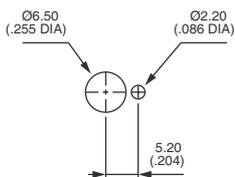


ELECTRICAL FUNCTIONS

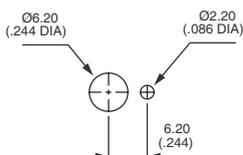
→ KEYWAY



PANEL CUT-OUT



Bushing Ø 6.35 (1/4)



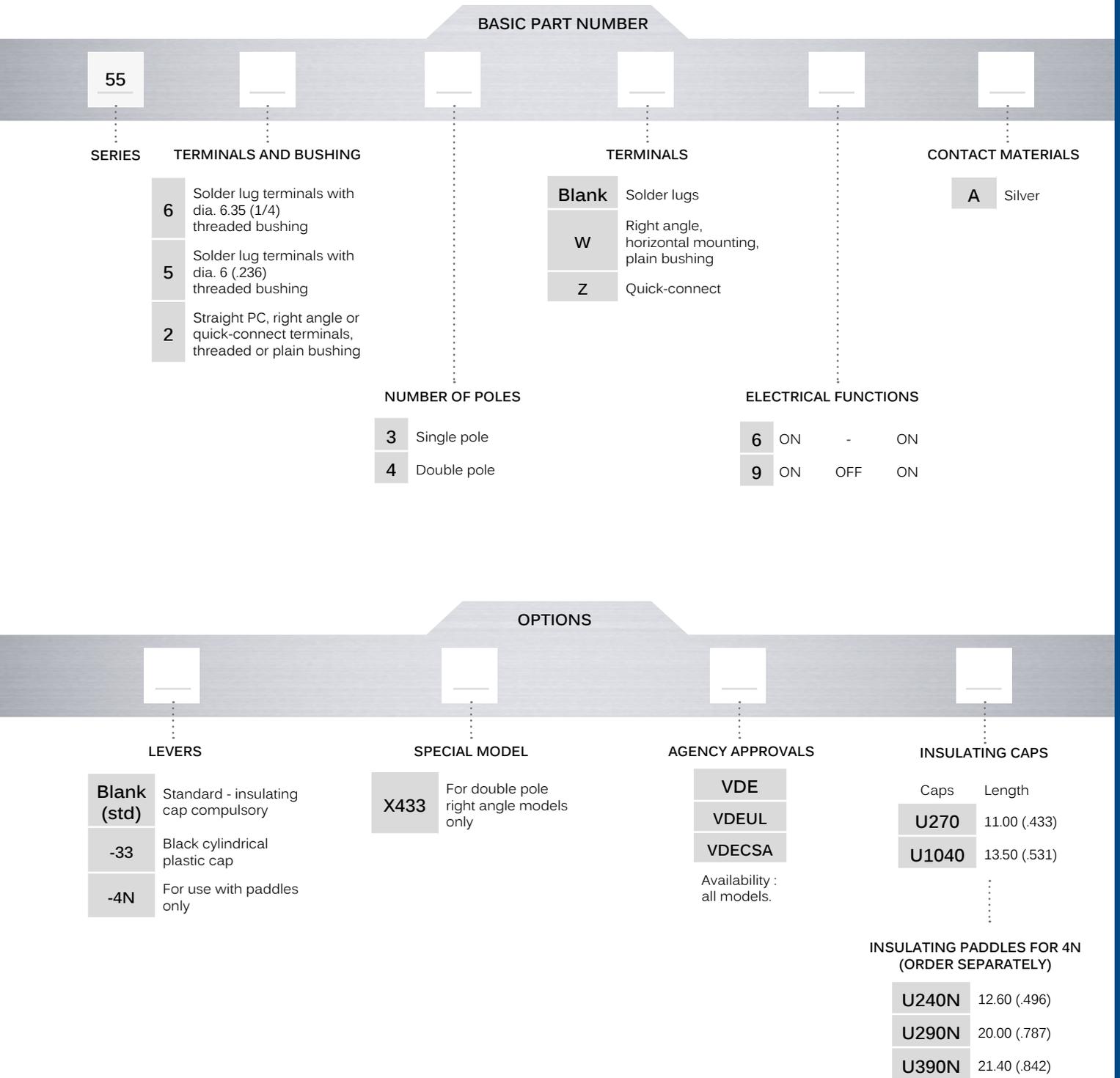
Bushing Ø 6 (.236)

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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.
- ⚙ **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.

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THREADED BUSHING SOLDER LUG TERMINALS



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

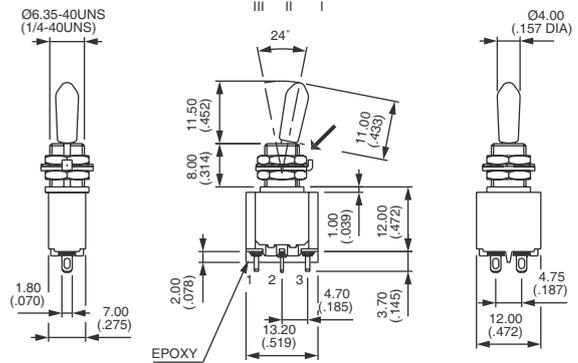
* In double pole W models, spacing between poles on PCB is different from standard : 4,7 mm (.185) instead of 3,81 mm (.150)
Also available for VERTICAL mounting (on request).

THREADED BUSHING QUICK-CONNECT TERMINALS

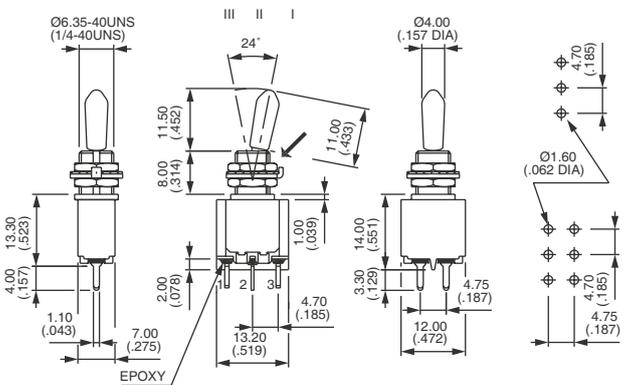


	III	II	I
Single pole	2-3		1-2
	5-6		4-5
55236ZA	ON	-	ON
55239ZA	ON	OFF	ON

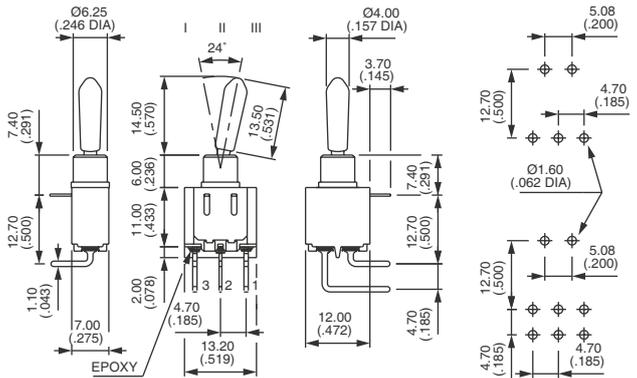
KEYWAY



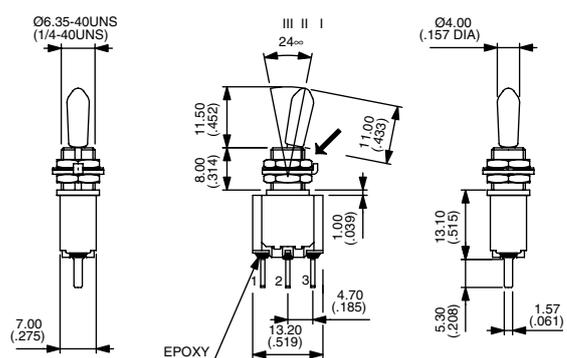
KEYWAY



KEYWAY



KEYWAY



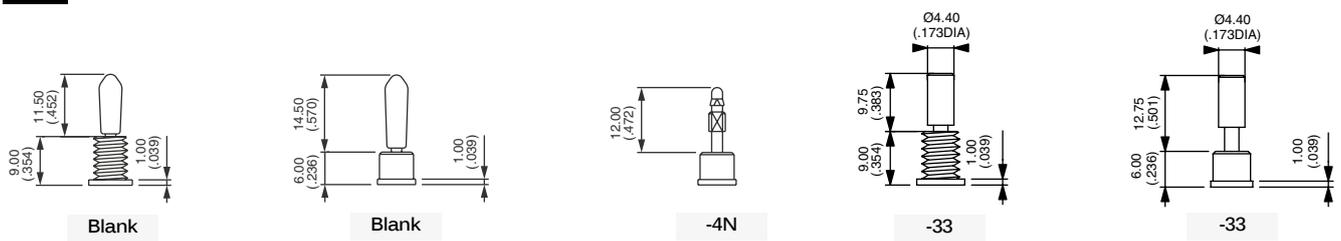
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LEVERS



- 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

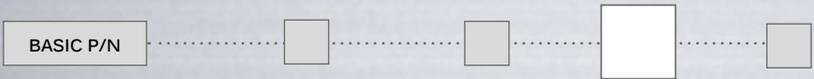


SPECIAL MODEL



X433 For double pole right angle models only.

AGENCY APPROVALS



VDE
VDEUL
VDEULCSA

Complete above box with desired approvals.

INSULATING CAPS

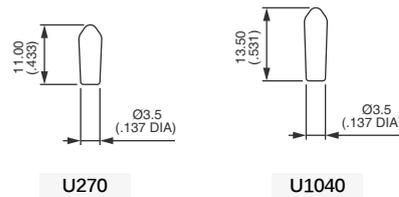


Compulsory - delivered assembled on the lever

- 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

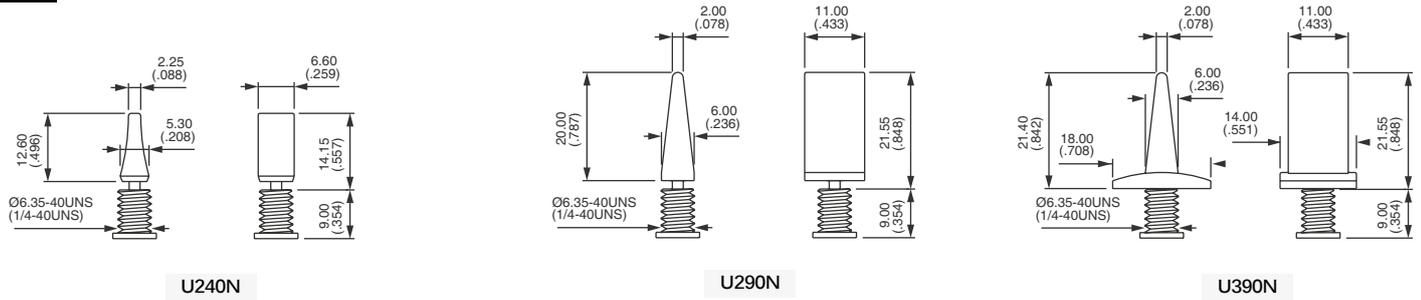


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PADDLES

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

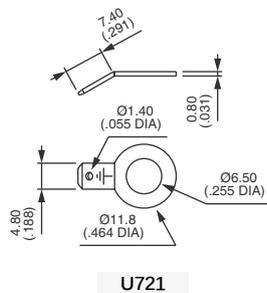


For cap colors, replace «0» with number :

- 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

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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