

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.



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AGENCY APPROVALS



EN 61058-1

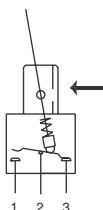


Complete appropriate box of ordering format.

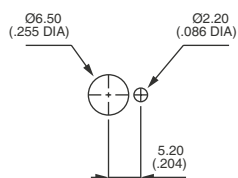


ELECTRICAL FUNCTIONS

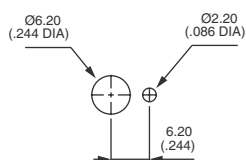
→ KEYWAY



PANEL CUT-OUT



Bushing Ø 6.35 (1/4)



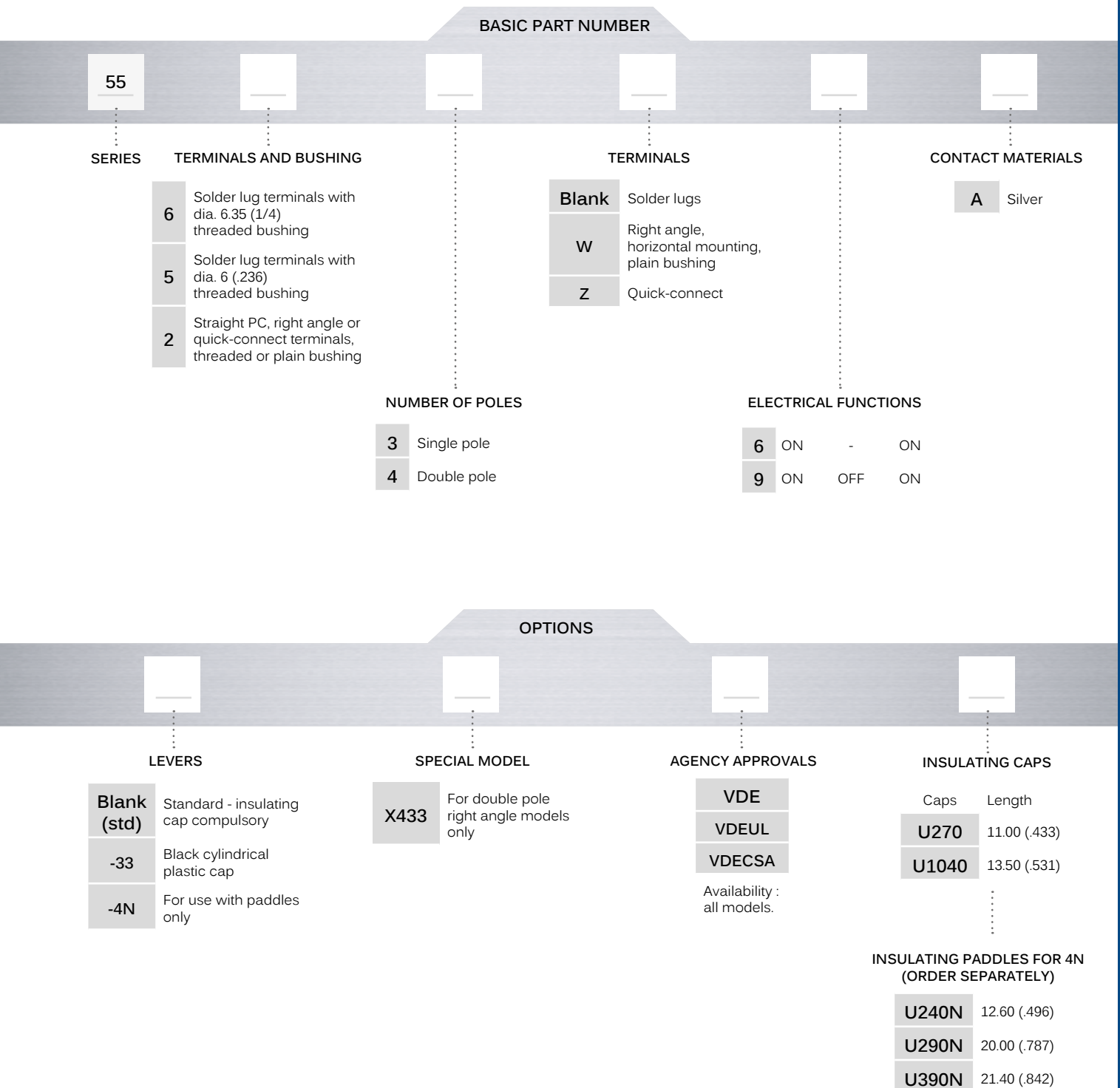
Bushing Ø 6 (.236)

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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	Double pole	2-3		1-2
55636A	55646A	5-6		4-5
		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	Double pole	2-3		1-2
55236A	55246A	5-6		4-5
		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
55236WA	55246WA X433	5-6		4-5
		ON	-	ON
55239WA	55249WA X433	ON	OFF	ON

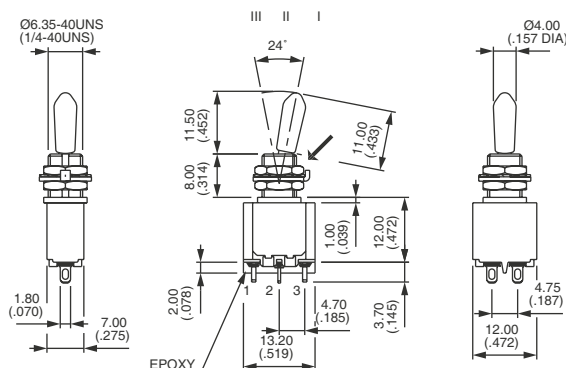
* In double pole W models, spacing between poles on PCB is different from standard : 4,7 mm (.185) instead of 3,81 mm (.150)
Also available for VERTICAL mounting (on request).

THREADED BUSHING QUICK-CONNECT TERMINALS

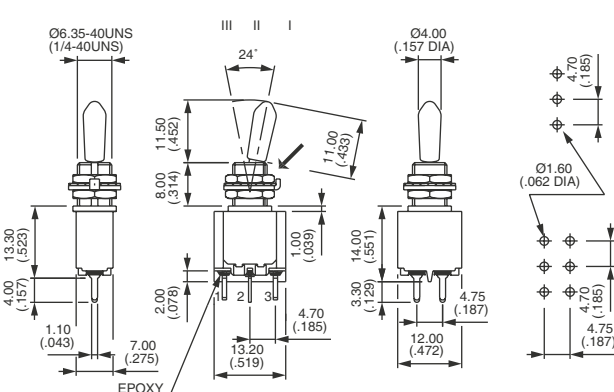


		III	II	I
Single pole		2-3		1-2
		5-6		4-5
55236ZA		ON	-	ON
55239ZA		ON	OFF	ON

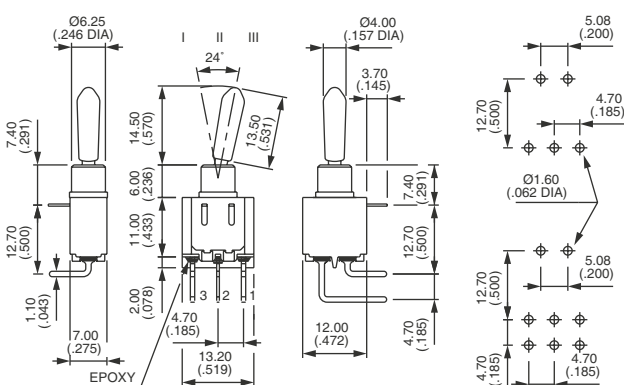
→ KEYWAY



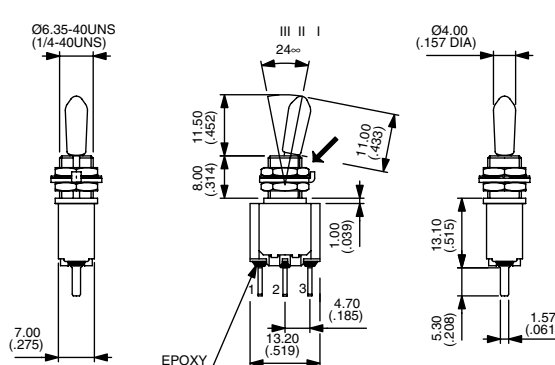
→ KEYWAY



→ KEYWAY



→ KEYWAY



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LEVERS

```

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

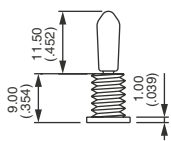
Blank For threaded bushing models - Cap U270 compulsory

Blank For plain bushing models - Cap U1040 compulsory

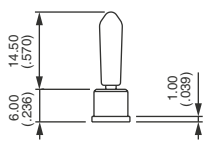
-4N For use with paddles only

-33 Black cylindrical plastic cap - For threaded bushing models

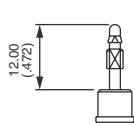
-33 Black cylindrical plastic cap - For plain bushing models



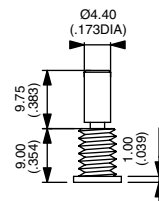
Blank



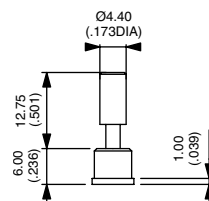
Blank



-4N



-33



-33

SPECIAL MODEL

```

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

X433 For double pole right angle models only.

AGENCY APPROVALS

```

sequenceDiagram
    participant A[BASIC P/N]
    A--> B[ ]
    B--> C[ ]
    C--> D[ ]
    D--> E[ ]
    E--> F[ ]
    F--> G[ ]
    G--> H[ ]
    H--> I[ ]
    I--> J[ ]
    J--> K[ ]
    K--> L[ ]
    L--> M[ ]
    M--> N[ ]
    N--> O[ ]
    O--> P[ ]
    P--> Q[ ]
    Q--> R[ ]
    R--> S[ ]
    S--> T[ ]
    T--> U[ ]
    U--> V[ ]
    V--> W[ ]
    W--> X[ ]
    X--> Y[ ]
    Y--> Z[ ]
    Z--> AA[ ]
    AA--> AB[ ]
    AB--> AC[ ]
    AC--> AD[ ]
    AD--> AE[ ]
    AE--> AF[ ]
    AF--> AG[ ]
    AG--> AH[ ]
    AH--> AI[ ]
    AI--> AJ[ ]
    AJ--> AK[ ]
    AK--> AL[ ]
    AL--> AM[ ]
    AM--> AN[ ]
    AN--> AO[ ]
    AO--> AP[ ]
    AP--> AQ[ ]
    AQ--> AR[ ]
    AR--> AS[ ]
    AS--> AT[ ]
    AT--> AU[ ]
    AU--> AV[ ]
    AV--> AW[ ]
    AW--> AX[ ]
    AX--> AY[ ]
    AY--> AZ[ ]
    AZ--> BA[ ]
    BA--> BB[ ]
    BB--> BC[ ]
    BC--> BD[ ]
    BD--> BE[ ]
    BE--> BF[ ]
    BF--> BG[ ]
    BG--> BH[ ]
    BH--> BI[ ]
    BI--> BJ[ ]
    BJ--> BK[ ]
    BK--> BL[ ]
    BL--> BM[ ]
    BM--> BN[ ]
    BN--> BO[ ]
    BO--> BP[ ]
    BP--> BQ[ ]
    BQ--> BR[ ]
    BR--> BS[ ]
    BS--> BT[ ]
    BT--> BU[ ]
    BU--> BV[ ]
    BV--> BW[ ]
    BW--> BX[ ]
    BX--> BY[ ]
    BY--> BZ[ ]
    BZ--> CA[ ]
    CA--> CB[ ]
    CB--> CC[ ]
    CC--> CD[ ]
    CD--> CE[ ]
    CE--> CF[ ]
    CF--> CG[ ]
    CG--> CH[ ]
    CH--> CI[ ]
    CI--> CJ[ ]
    CJ--> CK[ ]
    CK--> CL[ ]
    CL--> CM[ ]
    CM--> CN[ ]
    CN--> CO[ ]
    CO--> CP[ ]
    CP--> CQ[ ]
    CQ--> CR[ ]
    CR--> CS[ ]
    CS--> CT[ ]
    CT--> CU[ ]
    CU--> CV[ ]
    CV--> CW[ ]
    CW--> CX[ ]
    CX--> CY[ ]
    CY--> CZ[ ]
    CZ--> DA[ ]
    DA--> DB[ ]
    DB--> DC[ ]
    DC--> DD[ ]
    DD--> DE[ ]
    DE--> DF[ ]
    DF--> DG[ ]
    DG--> DH[ ]
    DH--> DI[ ]
    DI--> DJ[ ]
    DJ--> DK[ ]
    DK--> DL[ ]
    DL--> DM[ ]
    DM--> DN[ ]
    DN--> DO[ ]
    DO--> DP[ ]
    DP--> DQ[ ]
    DQ--> DR[ ]
    DR--> DS[ ]
    DS--> DT[ ]
    DT--> DU[ ]
    DU--> DV[ ]
    DV--> DW[ ]
    DW--> DX[ ]
    DX--> DY[ ]
    DY--> DZ[ ]
    DZ--> EA[ ]
    EA--> EB[ ]
    EB--> EC[ ]
    EC--> ED[ ]
    ED--> EE[ ]
    EE--> EF[ ]
    EF--> EG[ ]
    EG--> EH[ ]
    EH--> EI[ ]
    EI--> EJ[ ]
    EJ--> EK[ ]
    EK--> EL[ ]
    EL--> EM[ ]
    EM--> EN[ ]
    EN--> EO[ ]
    EO--> EP[ ]
    EP--> EQ[ ]
    EQ--> ER[ ]
    ER--> ES[ ]
    ES--> ET[ ]
    ET--> EU[ ]
    EU--> EV[ ]
    EV--> EW[ ]
    EW--> EX[ ]
    EX--> EY[ ]
    EY--> EZ[ ]
    EZ--> FA[ ]
    FA--> FB[ ]
    FB--> FC[ ]
    FC--> FD[ ]
    FD--> FE[ ]
    FE--> FF[ ]
    FF--> FG[ ]
    FG--> FH[ ]
    FH--> FI[ ]
    FI--> FJ[ ]
    FJ--> FK[ ]
    FK--> FL[ ]
    FL--> FM[ ]
    FM--> FN[ ]
    FN--> FO[ ]
    FO--> FP[ ]
    FP--> FQ[ ]
    FQ--> FR[ ]
    FR--> FS[ ]
    FS--> FT[ ]
    FT--> FU[ ]
    FU--> FV[ ]
    FV--> FW[ ]
    FW--> FX[ ]
    FX--> FY[ ]
    FY--> FZ[ ]
    FZ--> GA[ ]
    GA--> GB[ ]
    GB--> GC[ ]
    GC--> GD[ ]
    GD--> GE[ ]
    GE--> GF[ ]
    GF--> GG[ ]
    GG--> GH[ ]
    GH--> GI[ ]
    GI--> GJ[ ]
    GJ--> GK[ ]
    GK--> GL[ ]
    GL--> GM[ ]
    GM--> GN[ ]
    GN--> GO[ ]
    GO--> GP[ ]
    GP--> GQ[ ]
    GQ--> GR[ ]
    GR--> GS[ ]
    GS--> GT[ ]
    GT--> GU[ ]
    GU--> GV[ ]
    GV--> GW[ ]
    GW--> GX[ ]
    GX--> GY[ ]
    GY--> GZ[ ]
    GZ--> HA[ ]
    HA--> HB[ ]
    HB--> HC[ ]
    HC--> HD[ ]
    HD--> HE[ ]
    HE--> HF[ ]
    HF--> HG[ ]
    HG--> HH[ ]
    HH--> HI[ ]
    HI--> HJ[ ]
    HJ--> HK[ ]
    HK--> HL[ ]
    HL--> HM[ ]
    HM--> HN[ ]
    HN--> HO[ ]
    HO--> HP[ ]
    HP--> HQ[ ]
    HQ--> HR[ ]
    HR--> HS[ ]
    HS--> HT[ ]
    HT--> HU[ ]
    HU--> HV[ ]
    HV--> HW[ ]
    HW--> HX[ ]
    HX--> HY[ ]
    HY--> HZ[ ]
    HZ--> IA[ ]
    IA--> IB[ ]
    IB--> IC[ ]
    IC--> ID[ ]
    ID--> IE[ ]
    IE--> IF[ ]
    IF--> IG[ ]
    IG--> IH[ ]
    IH--> II[ ]
    II--> IJ[ ]
    IJ--> IK[ ]
    IK--> IL[ ]
    IL--> IM[ ]
    IM--> IN[ ]
    IN--> IO[ ]
    IO--> IP[ ]
    IP--> IQ[ ]
    IQ--> IR[ ]
    IR--> IS[ ]
    IS--> IT[ ]
    IT--> IU[ ]
    IU--> IV[ ]
    IV--> IW[ ]
    IW--> IX[ ]
    IX--> IY[ ]
    IY--> IZ[ ]
    IZ--> JA[ ]
    JA--> JB[ ]
    JB--> JC[ ]
    JC--> JD[ ]
    JD--> JE[ ]
    JE--> JF[ ]
    JF--> JG[ ]
    JG--> JH[ ]
    JH--> JI[ ]
    JI--> JJ[ ]
    JJ--> JK[ ]
    JK--> JL[ ]
    JL--> JM[ ]
    JM--> JN[ ]
    JN--> JO[ ]
    JO--> JP[ ]
    JP--> JQ[ ]
    JQ--> JR[ ]
    JR--> JS[ ]
    JS--> JT[ ]
    JT--> JU[ ]
    JU--> JV[ ]
    JV--> JW[ ]
    JW--> JX[ ]
    JX--> JY[ ]
    JY--> JZ[ ]
    JZ--> KA[ ]
    KA--> KB[ ]
    KB--> KC[ ]
    KC--> KD[ ]
    KD--> KE[ ]
    KE--> KF[ ]
    KF--> KG[ ]
    KG--> KH[ ]
    KH--> KI[ ]
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    KJ--> KK[ ]
    KK--> KL[ ]
    KL--> KM[ ]
    KM--> KN[ ]
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    KO--> KP[ ]
    KP--> KQ[ ]
    KQ--> KR[ ]
    KR--> KS[ ]
    KS--> KT[ ]
    KT--> KU[ ]
    KU--> KV[ ]
    KV--> KW[ ]
    KW--> KX[ ]
    KX--> KY[ ]
    KY--> KZ[ ]
    KZ--> LA[ ]
    LA--> LB[ ]
    LB--> LC[ ]
    LC--> LD[ ]
    LD--> LE[ ]
    LE--> LF[ ]
    LF--> LG[ ]
    LG--> LH[ ]
    LH--> LI[ ]
    LI--> LJ[ ]
    LJ--> LK[ ]
    LK--> LL[ ]
    LL--> LM[ ]
    LM--> LN[ ]
    LN--> LO[ ]
    LO--> LP[ ]
    LP--> LQ[ ]
    LQ--> LR[ ]
    LR--> LS[ ]
    LS--> LT[ ]
    LT--> LU[ ]
    LU--> LV[ ]
    LV--> LW[ ]
    LW--> LX[ ]
    LX--> LY[ ]
    LY--> LZ[ ]
    LZ--> MA[ ]
    MA--> MB[ ]
    MB--> MC[ ]
    MC--> MD[ ]
    MD--> ME[ ]
    ME--> MF[ ]
    MF--> MG[ ]
    MG--> MH[ ]
    MH--> MI[ ]
    MI--> MJ[ ]
    MJ--> MK[ ]
    MK--> ML[ ]
    ML--> MN[ ]
    MN--> MO[ ]
    MO--> MP[ ]
    MP--> MQ[ ]
    MQ--> MR[ ]
    MR--> MS[ ]
    MS--> MT[ ]
    MT--> MU[ ]
    MU--> MV[ ]
    MV--> MW[ ]
    MW--> MX[ ]
    MX--> MY[ ]
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    NA--> NB[ ]
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    NR--> NS[ ]
    NS--> NT[ ]
    NT--> NU[ ]
    NU--> NV[ ]
    NV--> NW[ ]
    NW--> NX[ ]
    NX--> NY[ ]
    NY--> NZ[ ]
    NZ--> OA[ ]
    OA--> OB[ ]
    OB--> OC[ ]
    OC--> OD[ ]
    OD--> OE[ ]
    OE--> OF[ ]
    OF--> OG[ ]

```

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

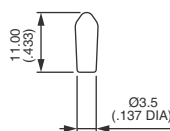
3 Green

4 Grey

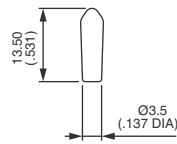
5 Yellow

7/1 White

9 Orange



U270



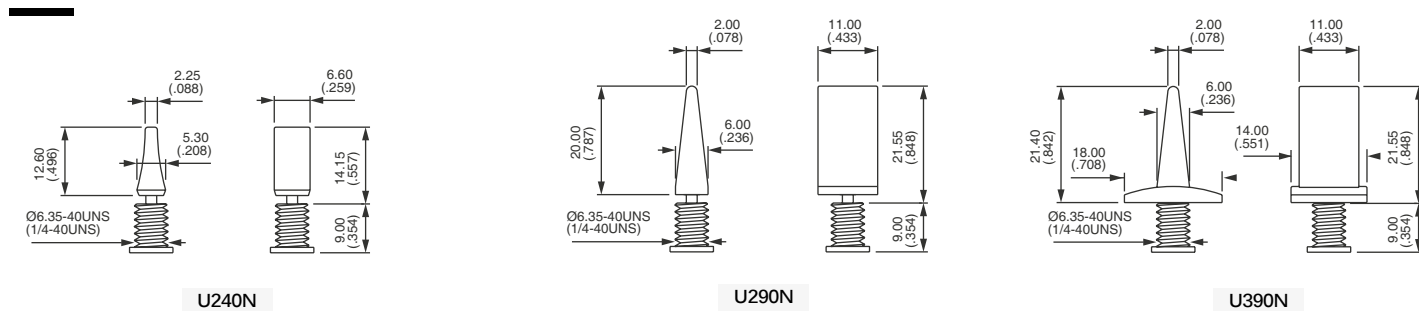
U1040

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PADDLES

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

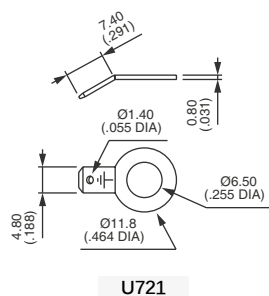


For cap colors, replace «0» with number :

- | | |
|-----|-----------|
| 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



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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