

Catalogue No: **D7D-P0N3**

PILOT LIGHT 22.5mm MONOLITHIC LED 24V AC/DC AMBER

Operator Control Devices > Pushbuttons and Control Switches > Pushbuttons and Pilot Lights > Sprecher + Schuh D7 Pushbuttons and Pilot Lights > D7 Monolithic Operators > D7 Monolithic Pilot Lights



Pilot Light monolithic Amber LED 24V AC/DC



Representative Photo Only
(actual product may vary based on configuration selections)

- D7 pilot devices offer maximum flexibility and a wide choice for all 22.5mm operator applications with all type (e-stops, selector switches, pushbuttons, pilot lights and more), colour and contact configurations.
- Aesthetically appealing and modularly designed to make assembly and interchangeability easy.
- Operators exhibit low profile and stylish appearance while maintaining the rugged performance necessary for demanding environments
- D7P is a plastic operator with a captive black plastic front bezel. Constructed of high-grade thermoplastics, the D7P is suitable for almost all environments and strong chemical resistance.
- D7M has a die-cast zinc housing and mounting ring for rugged durability. Finished with corrosion resistant chrome plating, the D7M also features a captive shiny metal bezel for a polished appearance.

SPECIFICATIONS

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| Component Type Pushbutton and Pilot Lights | Pilot Light |
| Diameter, lens | 30.4 mm |
| Colour, Lens | Amber colour |
| Material, Lens | PMMA / Acrylic / Perspex / Plexiglas (Polymethyl methacrylate) |
| Material, Bezel | Glass-Filled PBT / Valox |
| Material, Body / Housing | Polyester material |
| Material, Spring | Stainless Steel |
| Terminal Type | Screw Terminal(s) |
| Material, Terminal | Brass |
| Tightening Torque, Nominal | 0.8 Nm |
| Tightening Torque, Max | 0.9 Nm |
| Tightening Torque, Min | 0.7 Nm |
| Wire / Conductor Size (Max) | 14 AWG (2.08 mm ²) |
| Wire / Conductor Size (Min) | 18 AWG (0.823 mm ²) min |
| Lamp Module Included | Yes |
| Un, Nominal Operational Voltage, AC | 24 V AC |
| U _{bmin} , Service Voltage, AC, Min | 20 V AC |
| U _{bmax} , Service Voltage, AC, Max | 26 V AC |
| Un, Nominal Operational Voltage, DC | 24 V DC |
| U _{bmin} , Service Voltage, DC, Min | 18 V DC |
| U _{bmax} , Service Voltage, DC, Max | 30 V DC |
| Lamp Type | LED type |
| Lamp Holder | Integrated Lamp Module |
| Colour, Lamp | Amber colour |
| Lamp Power, Max | 1 W max |
| Bulb Included | Yes |
| I _e , Rated Operational Current, AC-1, 240V | 1.5 A@240V |
| I _e , Rated Operational Current, AC-15, 110-120V | 3 A@110-120V |

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| Ie, Rated Operational Current, AC-15, 240V | 1.5 A@240V |
| Ui, Rated Insulation Voltage | 300 V (rms) |
| Compatible Product Series | D7 22.5mm Control & Indication compatible |
| In, Rated Current | 0.032 A |
| Pickup Voltage | 17 V |
| Pickup Current | 5 mA |
| Ith, Thermal Current, Open | 5 A |
| Dielectric Strength | 2.5kV for 1 minute |
| Recommended Fuse Current Rating | 5 A |
| Fuse Characteristic Type(s) | gL/gG |
| RoHS Approved | Yes |
| CE Marked | Yes |
| Operating Temperature, Max | 60 °C max |
| Operating Temperature, Min | -25 °C min |
| Storage Temperature, Max | 85 °C max |
| Storage Temperature, Min | -40 °C min |
| Relative humidity, min | 50 %RH |
| Relative Humidity, Max | 95 %RH |
| IP Rating | IP66 IP65 |
| Shock Acceleration (Max.) | 100 g |
| Shock Duration (Max.) | 11 ms |
| Vibration Acceleration (Max.) | 10 m/s ² |
| Vibration Displacement (Peak to Peak Max.) | 1.52 mm |
| Vibration Frequency, Operational (Max.) | 2000 Hz |
| Vibration Duration (Max.) | 180 min |
| Standards Compliance | NEMA ICS-5 UL 508 EN 60947-1 EN 60947-5-1 EN 60947-5-5 EN 418 |
| Certifications | UL UR CSA CCC CE |
| Shipping Approvals | RINA (Registro Italiano Navale) ABS (American Bureau of Shipping) Lloyd's Register of Shipping |

REFERENCES

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|---|--|
| IECEX Certificate | - |
| Supplier Declaration of Conformity: | - |
| Installation Guide: | - |
| User Manual: | - |
| Manufacturer Datasheet: | Series D7_Manufacturer Datasheet |
| Manufacturer Catalogue & Product Selection: | - |