

# Catalogue No: **D7D-P4N3**

## PILOT LIGHT 22.5mm MONOLITHIC LED 24V AC/DC RED

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 Red 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

Component Type Pushbutton and Pilot Lights	Pilot Light
Diameter, lens	30.4 mm
Colour, Lens	Red 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 <sup>2</sup> )
Wire / Conductor Size (Min)	18 AWG ( 0.823 mm <sup>2</sup> ) min
Lamp Module Included	Yes
Un, Nominal Operational Voltage, AC	24 V AC
Ubmin, Service Voltage, AC, Min	20 V AC
Ubmax, Service Voltage, AC, Max	26 V AC
Un, Nominal Operational Voltage, DC	24 V DC
Ubmin, Service Voltage, DC, Min	18 V DC
Ubmax, Service Voltage, DC, Max	30 V DC
Lamp Type	LED type
Lamp Holder	Integrated Lamp Module
Colour, Lamp	Red colour
Luminous Intensity	780 mcd
Lamp Power, Max	1 W max
Bulb Included	Yes
Ie, Rated Operational Current, AC-1, 240V	1.5 A@240V

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Ie, Rated Operational Current, AC-15, 110-120V	3 A@110-120V
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 <sup>2</sup>
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

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	<a href="#">Series D7_Manufacturer Datasheet</a>
Manufacturer Catalogue & Product Selection:	-