

Catalogue No: **D7D-SM22X10**

SELECTOR SW 22.5mm MONOLITHIC 2 POSITION 1NO

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



Rotary switch monolithic 2 position maintained 1N/O



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

Product Series	D7 22.5mm Control & Indication
Component Type Pushbutton and Pilot Lights	Selector Switch
Operator Type	Selector Switch, Knob, 2-Position type
Operator Positions (from Vertical)	-30° 30°
Operator Action, Left	Latched / Maintained
Operator Action, Right	Latched / Maintained
Colour, Operator	Black colour
Material, Operator	Polyester material
Material, Bezel	GRP (Glass Reinforced Plastic / Polyester / Thermoplastic)
Contact Block Included	Yes
Contact Configuration	1 NO
In, Rated Current	10 A
Ie, Rated Operational Current, AC-1, 240V	1.5 A@240V
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
Material, Contacts	Silver Nickel (AgNi) material
Terminal Type	Screw Terminal(s)
Material, Terminal	Brass
Tightening Torque, Min	0.7 Nm
Tightening Torque, Max	0.9 Nm
Material, Spring	Stainless Steel
Pickup Voltage	17 V
Pickup Current	5 mA
Ith, Thermal Current, Open	5 A
Wire / Conductor Size (Min)	18 AWG (0.823 mm ²) min

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Wire / Conductor Size (Max)	14 AWG (2.08 mm ²)
Dielectric Strength	2.5kV for 1 minute
Recommended Fuse Current Rating	5 A
Fuse Characteristic Type(s)	gL/gG
Tightening Torque, Nominal	0.8 Nm
Mechanical Service Life	300000 cycles
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

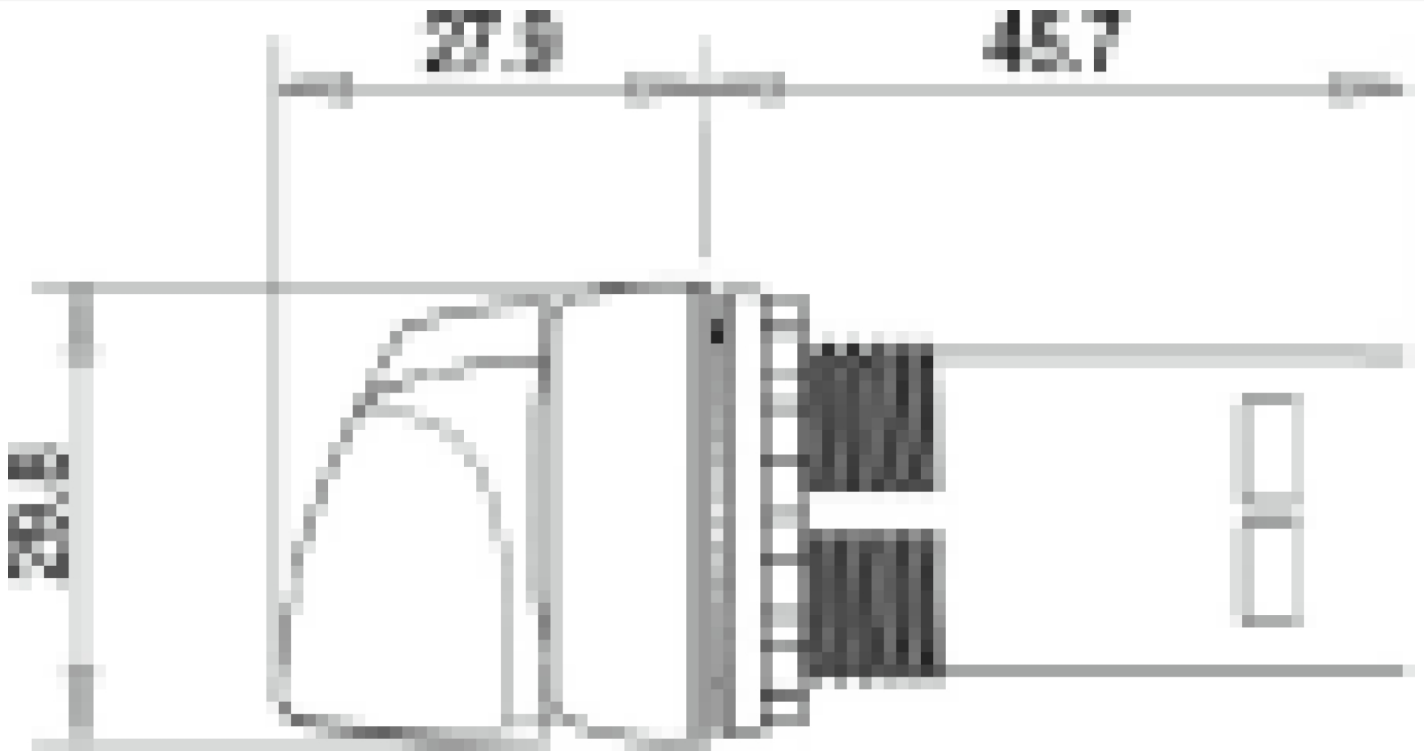
REFERENCES

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

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Dimension Diagram