

## NEW PRODUCT



## FD SERIES

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A WORLD OF SWITCHING CAPABILITIES

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LED INDICATORS

PANEL SWITCHES

**PCB SWITCHES** 

JOYSTICKS

SWITCH PANELS

## **KEY FEATURES**

- Double icon illuminated actuator
- Snap-in and threaded bushing models
- □ Ideal for integrated designs
- Operating temperatures: -40° C to +75° C
- 3 standard legends: 0/1, On/Off, Start/Stop
- Large and lightweight

## **OPTION SELECTION**



(F & G for OFF- ON models only)



GENERAL SPECIFICATIONS		
Operating temperature	_	-40° C to +75° C
Panel thickness (snap-in version)	-	1.5 (.059) to 2mm (.078) with panel gasket and 2 (.078) to 2.5mm (.885) without panel gasket
(threaded bushing version)	_	1 (.039) to 18mm (.708) max
Mechanical lifecycle	_	1 million (momentary), 200,000 (latching)
Front panel sealing (snap-in version)	_	IP54 according to IÉC 60529 with panel gasket
(threaded bushing version)	_	IP69K according to DIN 40050-9
Total travel	_	2.5mm ± 0.5mm
Typical operating force	_	8N ± 2N
Torque	-	3Nm max applied to nut

ELECTRICAL SPECIFICATIONS		
Current /voltage rating with resistive load Initial contact resistance Insulation resistance Dielectric strength Electrical life	<ul> <li>Silver contacts (code 2): 4A 12VDC</li> <li>Gold plated contacts (code 4): 200mA 12 VDC</li> <li>50mΩ max</li> <li>1 GΩ min at 500VDC</li> <li>1,000 Vrms 50 Hz min</li> <li>Gold plated contacts - 1 million cycles (momentary), Silver contacts - 400,000 cycles 200,000 cycles (latching)</li> </ul>	



Note: The company reserves the right to change specifications without notice.