



### EVN2000B



*Actual product appearance may vary.*

**EVN2000 Limit Switches Series: Top Plunger, 1NC 1NO SPDT Snap Action, IDT Connection System**

#### Features

- Innovative wiring system
- Integrated cable gland
- EN 50047
- Designed to meet switch requirement within EN 81-1
- Snap action basic switch with 4 mm air gap
- IP 66/67 Enclosure rating, EN 60529, NEMA 1, 12, 13
- Positive opening operation of normally closed contacts conforming to IEC/EN 60947-5-1 annex K
- Double insulated switch element
- Extremely compact plastic housing
- High switching current capability

#### Potential Applications

- Material handling
- Elevators and moving stairs
- Scissor/platform lifts
- Food and beverage
- Manufacturing

#### Description

The EVN2000 series limit switch is an innovative product that has been developed to address a need highlighted by Original Equipment Manufacturers (OEM), "Ease of Wiring." The new design eliminates the need to gain access to the inside of the housing, which in turn makes a housing cover, cover screws, and gasket obsolete.

Product Specifications	
Availability	Global
Operating Force (O.F.)	16,0 N [3.60 lb]
Full Overtravel Force	3,5 mm [0.14 in]
Pretravel (P.T.)	2,0 mm [0.08 in]
Overtravel (O.T.)	4,0 mm [0.16 in]
Differential Travel (D.T.)	1,0 mm [0.04 in]
Product Type	EN50047 EVN2000 Limit Switch
Actuator	Top Plunger
Lever Style	None
Circuitry	1NC 1NO SPDT Snap Action
Ampere Rating	10 A (Thermal)
Supply Voltage	300 Vac and 250 Vdc max.
Housing Material	Plastic
Termination Type	Insulation Displacement Terminals (IDT)
Housing Type	EN 50047
Series Name	EVN2000
Shock	50 g per IEC 68-2-27c (w/o Actuator)
Vibration	10 g per IEC 68-2-6 (w/o Actuator)
Sealing	NEMA 1, 12, 13 IP66 & IP67
Approvals	UL, C-UL, CE
Mechanical Life	10 million
Operating Temperature Range	-25 °C to 85 °C [-13 °F to 185 °F]
Agency Approvals and Standards	IEC 947-5-1, EN60947-5-1
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Industrial
Operating Position (O.P.)	18,0 mm [0.71 in]

