

# HONEYWELL EVN2000B

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EVN2000B

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

Actual product appearance may vary.

#### 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

## 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 Wirring." 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.

# **Supporting Documentation**

Engineering Drawing

- Material handling

- Food and beverage

#### Potential Applications

- Scissor/platform lifts

- . Elevators and moving stairs

- Manufacturing

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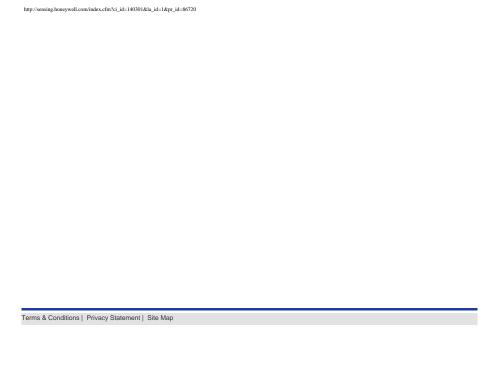
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Operating	Global 16,0 N [3.60
	16,0 N [3.60
	lb]
	3,5 mm [0.14 in]
	2,0 mm [0.08 in]
	4,0 mm [0.16 in]
	1,0 mm [0.04 in]
31	EN50047 EVN2000 Limit Switch
Actuator	Top Plunger
Lever Style	None
,	1NC 1NO SPDT Snap Action
	10 A (Thermal)
Voltage	300 Vac and 250 Vdc max.
Housing Material	Plastic
Туре	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]