



Representative photograph, actual product appearance may vary.

Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.

EVN2000C

EVN2000 Limit Switches Series: Top Roller 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

Typical 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.



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Product Specifications	
Availability	Global
Product Type	EN50047 EVN2000 Limit Switch
Actuator	Top Roller 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 Series
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



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WARNING

PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

WARNING

MISUSE OF DOCUMENTATION

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

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