

Honeywell Sensing and Control

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GLLA01A4J



Global Limit Switches Series GLL: Side Rotary, Adj Rod Lever, 1NO 1NC Direct Opening SPDT snap action, 1/2 in conduit

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Actual product appearance may vary.

Features

Double break, directopening snap action contacts conform to IEC 609475-

c-UL-US, CE, CCC approvals Snap action and slow action circuitry EN50047 mounting 20 mm and 1/2 in NPT conduit openings Galvanically isolated contacts Double insulated plastic housing

Contact block integral to switch housing Hinge cover for easy wiring access Sealing IP65; NEMA 1, 12, and 13

Potential Applications

Elevators **Escalators** Aerial/platform lifts Industrial doors

Packaging equipment

Description

Honeywell's GLL limit switch is part of the OEM set of miniature limit switches. It combines and enhances the existing GLS, SZL-VL, and EVN switches into one common family, competitively priced for OEM applications. The double insulated compact housing conforms to EN50047 and makes GLL switches often ideal for mounting where space is at a premium. These products feature direct opening, normally closed contacts The GLL Series is available in a variety of actuator styles required for OEM applications. Designed to the IEC electrical standard, the GLL is suitable for worldwide use and also meets globally accepted mounting standards.

Supporting Documentation

Installation Instructions

Instructions for reading bar charts Engineering **Drawing**

Availability Operating Force (O.F.) 12,0 N - cm [1.062 lb -in] Pretravel (P.T.) 30° max. Overtravel (O.T.) 40° min. Differential Travel (D.T.) 18° max. Product Type EN 50047 Global Limit Switch Actuator Side Rotary Lever Style Adjustable rod lever Circuitry 1NO 1NC Direct Opening Snap Action Ampere Rating 10 A (Thermal) Supply Voltage 300 Vac and 250 Vdc max. Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals C-UL-us, CE, CCC CSA File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment Side rotary adjustable rod; 12,7 mm [0.5 in] conduit UNSPSC Commodity 302119 UNSPSC Commodity Industrial	Product Specifications	
Pretravel (P.T.) Overtravel (O.T.) Differential Travel (D.T.) Product Type EN 50047 Global Limit Switch Actuator Side Rotary Lever Style Adjustable rod lever Circuitry 1NO 1NC Direct Opening Snap Action Ampere Rating 10 A (Thermal) Supply Voltage Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals C-UL-us, CE, CCC CSA File # E216958 Mechanical Life Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment UNSPSC Code UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Availability	Global
Overtravel (O.T.) Differential Travel (D.T.) Product Type EN 50047 Global Limit Switch Actuator Side Rotary Lever Style Adjustable rod lever Circuitry 1NO 1NC Direct Opening Snap Action Ampere Rating 10 A (Thermal) Supply Voltage 300 Vac and 250 Vdc max. Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals C-UL-us, CE, CCC CSA File # E216958 Mechanical Life Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment UNSPSC Code UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Operating Force (O.F.)	12,0 N - cm [1.062 lb - in]
Differential Travel (D.T.) Product Type EN 50047 Global Limit Switch Actuator Side Rotary Lever Style Adjustable rod lever Circuitry 1NO 1NC Direct Opening Snap Action Ampere Rating 10 A (Thermal) Supply Voltage Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Pessing UL File # E216958 Mechanical Life Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Pretravel (P.T.)	30° max.
Product Type Actuator Side Rotary Lever Style Adjustable rod lever Circuitry 1NO 1NC Direct Opening Snap Action Ampere Rating 10 A (Thermal) Supply Voltage 300 Vac and 250 Vdc max. Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment Side rotary adjustable rod; 12,7 mm [0.5 in] conduit UNSPSC Code UNSPSC Commodity 302119 UNSPSC Commodity 302119 Switches and controls and relays	Overtravel (O.T.)	40° min.
Actuator Lever Style Adjustable rod lever Circuitry INO 1NC Direct Opening Snap Action Ampere Rating 10 A (Thermal) Supply Voltage 300 Vac and 250 Vdc max. Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment Side rotary adjustable rod; 12,7 mm [0.5 in] conduit UNSPSC Code UNSPSC Commodity 302119 UNSPSC Commodity 302119 Switches and controls and relays	Differential Travel (D.T.)	18° max.
Lever Style Circuitry 1NO 1NC Direct Opening Snap Action Ampere Rating 10 A (Thermal) Supply Voltage 300 Vac and 250 Vdc max. Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals C-UL-us, CE, CCC CSA File # UL File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment UNSPSC Code UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Product Type	EN 50047 Global Limit Switch
Circuitry Ampere Rating 10 A (Thermal) Supply Voltage 300 Vac and 250 Vdc max. Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Actuator	Side Rotary
Action Ampere Rating 10 A (Thermal) Supply Voltage 300 Vac and 250 Vdc max. Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 UL File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment UNSPSC Code UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Lever Style	Adjustable rod lever
Supply Voltage Housing Material Plastic Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Circuitry	
Housing Material Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 UL File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment Side rotary adjustable rod; 12,7 mm [0.5 in] conduit UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Ampere Rating	10 A (Thermal)
Termination Type 12,7 mm [0.5 in] conduit Housing Type EN 50047 Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 UL File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment Side rotary adjustable rod; 12,7 mm [0.5 in] conduit UNSPSC Code 302119 UNSPSC Commodity 302119 Switches and controls and relays	Supply Voltage	300 Vac and 250 Vdc max.
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Series Name GLL Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 UL File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment Side rotary adjustable rod; 12,7 mm [0.5 in] conduit UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Termination Type	12,7 mm [0.5 in] conduit
Shock 50 g per IEC 68 -2-27c (w/o Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 UL File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment Side rotary adjustable rod; 12,7 mm [0.5 in] conduit UNSPSC Code UNSPSC Commodity 302119 Switches and controls and relays	Housing Type	EN 50047
Actuator) Vibration 10 g per IEC 68 -2-6 (w/o Actuator) Sealing IP65, NEMA 1, 12, 13 Approvals c-UL-us, CE, CCC CSA File # E216958 UL File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment Side rotary adjustable rod; 12,7 mm [0.5 in] conduit UNSPSC Code 302119 UNSPSC Commodity 302119 Switches and controls and relays	Series Name	GLL
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Approvals C-UL-us, CE, CCC CSA File # E216958 UL File # E216958 Mechanical Life 5 million operations Operating Temperature Range -10 °C to 80 °C [14 °F to 176 °F] Comment Side rotary adjustable rod; 12,7 mm [0.5 in] conduit UNSPSC Code 302119 UNSPSC Commodity 302119 Switches and controls and relays	Vibration	10 g per IEC 68 -2-6 (w/o Actuator)
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UNSPSC Commodity 302119 Switches and controls and relays	Comment	
relays	UNSPSC Code	302119
Sealed Industrial	UNSPSC Commodity	
	Sealed	Industrial

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