

[→ Honeywell.com](#) [→ Automation & Control Solutions](#)[HOME](#)[ABOUT US](#)[KEY INDUSTRIES SERVED](#)[PRODUCTS & INFORMATION](#)[NEWS & EVENTS](#)[SALES & SUPPORT](#)[LOGIN](#)

## Honeywell Sensing and Control

Search



### narrow your search

#### Products

- Controls Monitoring and Lighting (286)
- Machine Safety (1727)
- Sensors (6289)
- Switches (9781)
- Wireless (45)

#### Technology

- Electromechanical (9307)
- Magnetic (541)
- Platinum thin film (56)
- Thick Film (1375)
- Wireless (45)
- More...

### new products

#### New Wireless Products

Go farther. Work smarter. Explore new possibilities. Just by cutting the cord and making the switch.



Wireless Web Site  
WGLA and WPM  
XYR6000™

[find out more](#)

### white papers

- Wireless Switches Offer Unlimited Benefit
- Basic Switches Are Not Created Equal
- Applying Precision Switches
- Sensors for Medical Devices
- New Ways to Measure Torque
- Choosing Safety Switches
- Specifying Hour Meters

#### Need help?

[Click here to contact us](#)

### LSYAB1A-1B

( Home : Products : Switches » MICRO SWITCH™ Limit Switches » MICRO SWITCH™ Heavy-Duty Limit Switches » HDLS )



Series HDLS Plug-in: Low Temperature Version; Side Rotary; 1NC 1NO SPDT Snap Action; 0.5 in - 14NPT conduit

Actual product appearance may vary.

[click here to download Hi-Res image](#)[Sales & Service](#)[Distributor Inventory](#)[Overview](#) [Specs](#) [Documentation](#) [Application Notes](#)

#### Product Specifications

Availability	Global
Operating Force (OF)	0.45 N m [4 in lb] max.
Pretravel (PT)	15° max.
Overtravel (OT)	60° min.
Differential Travel (DT)	5° max.
Product Type	MICRO SWITCH™ Heavy-Duty Limit Switches
Actuator	Side Rotary
Lever Type	1.5 in Fixed Length Lever with front mounted Steel Roller (.75 in dia. x .25 in wide)
Circuitry	1NC 1NO SPDT Snap Action, Double Break
Ampere Rating	10 A (Thermal)
Supply Voltage	600 Vac and 250 Vdc max.
Housing Material	Zinc Die-Cast
Termination Type	0.5 in - 14NPT Conduit
Housing Type	HDLS Plug-in
Series Name	HDLS
Sealing	NEMA 1, 3, 4, 4X, 6, 6P, 12, 13
UL File #	E37138
Operating Temperature	-40 °C to 121 °C [-40 °F to 250 °F]
Comment	Low Temperature Construction
Agency Approvals and Standards	UL, CE, CSA, CCC, EN60947-1, EN60947-5-1
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Industrial

### contacts

Customer Service  
Technical Support  
Global Sales & Service  
View Site Demo  
Site Comments?

### meet dr. larry

VIDEO - Dr. Larry Goldstein explains our newest and best technologies.

Meet Dr. Larry



### my links

Login to iCOM  
Login to Rep/AD Portal  
Login to Digital University

### News Center

HONEYWELL EXPANDS ITS LIMITLESS™ PLATFORM WITH THE LAUNCH OF ITS GLOBALLY AVAILABLE INDUSTRIAL WIRELESS RECEIVER

HONEYWELL INTRODUCES ITS HAWK™ RESOLVERS 1-INCH SERIES, FULLY HOUSED CONFIGURATION

HONEYWELL INTRODUCES MICROPOWER OMNIPOLAR DIGITAL HALL-EFFECT SENSOR ICS WITH LOW SUPPLY VOLTAGE AND ULTRA LOW TYPICAL CURRENT

HONEYWELL EXTENDS ITS TRUSTABILITY® PRESSURE SENSOR PRODUCT LINE WITH A SINGLE SIDE LIQUID MEDIA OPTION

HONEYWELL ADDS NEW 100° AND 180° ARC CONFIGURATIONS TO ITS SMART POSITION SENSOR PORTFOLIO

**MICRO SWITCH**  
Anniversary site

[Terms & Conditions](#) | [Privacy Statement](#) | [Site Map](#)