

Honeywell

[HOME](#)
[ABOUT US](#)
[INDUSTRIES](#)
[PRODUCTS & APPLICATIONS](#)
[NEWS & EVENTS](#)
[CONTACT & SUPPORT](#)
[Speed, Position
& Current](#)
[Thermal](#)
[Pressure,
Force & Flow](#)
[Relays](#)
[Switches &
Equipment Health](#)
[Potentiometers
& Resistors](#)
[Safety
Products](#)
[Vehicle Cont
& Monitoring](#)

Honeywell Sensing and Control

[Where to buy ?](#)
[Interactive
Catalog Home](#)
[Product Family
Information](#)
[Specification
Search](#)
[Search
Help](#)


*Representative photograph,
actual product appearance
may vary.*

- [Installation
Instructions](#)
- [N/A](#)
- [Specifications](#)

Click here for a print friendly version of this datasheet.

LS4D3K

**Series HDLS Non Plug-in: Top Roller Plunger; 1NC 1NO SPDT S
Action; 20 mm**

Features

- Wide variety of operating heads
- Field adjustable operating modes, for reduced inventory
- Convenience of on-the-spot adjustment instructions
- Complete choice of circuitry and electrical rating options
- Plug-in and non plug-in versions have identical operating characteristics and are dimensionally interchangeable
- Manifold (rear-wire) version
- Explosion-proof versions
- Low temperature versions to -40°C (-40°F)
- Captive head and body screws
- Designed to withstand seismic shock
- Stainless steel (NEMA 4X) versions
- Pre-leaded cable or pre-wired connector types
- Epoxy filled wash down (NEMA 6P) types
- Completely fluorocarbon (FC) sealed versions

Typical Applications

- Machine Tools
- Material Handling
- Packaging
- Presses
- Pulp and Paper
- Welding
- PLC Interface

Description

Sensing and Control offers the world's most advanced line of heavy-duty limit switches. These switches include boss-and-socket head design for secure head-to-body retention, unique all-metal drive train for consistent operating characteristics even at high temperature (lasts longer with need for frequent adjustment than drive trains with plastic parts,) self-pressure plate terminals save wiring time, easily identified grounding terminal (inside) for compliance with OSHA and other regulatory agency standards, one piece flat gasket (seals better than gaskets that go around curves and corners, does not contact terminal pins to reduce chances of fluid migration,) front mounting and interchangeability of single- and double-pole switches, plug-in and non plug-in with one another and with other switch brands, tracking interchangeability of actuator levers for single and double-pole switches, plug-in and non plug-in, twin shaft seals for an added measure of protection, inner FC O-ring seal, outer Buna-N seal (all FC available,) FC shaft and diaphragm seals on side rotary switches, rugged corrosion-resistant zinc head and body are phosphate treated and epoxy finished, exclusive teller tab assures proper torque (when it cannot be moved the lever is tight enough to prevent slippage) and domestic air

international conduit taps.

Product Specifications	
Availability	Global
Operating Force (O.F.)	17,79 N max. [4 lb max.]
Pretravel (P.T.)	1,78 mm max. [0.070 in max.]
Overtravel (O.T.)	0.190 in min.
Differential Travel (D.T.)	0,38 mm max. [0.015 in max.]
Product Type	Heavy-Duty Limit Switches
Actuator	Top Roller Plunger
Circuitry	1NC 1NO Single-Pole Double-Throw, Snap-Action, Double
Ampere Rating	10 A (Thermal)
Supply Voltage	600 Vac and 250 Vdc max.
Housing Material	Zinc Die-Cast
Termination Type	20 mm
Housing Type	HDLS Non Plug-in
Series Name	HDLS Series
Sealing	NEMA 1, 3, 4, 4X, 6, 6P, 12, 13
Approvals	UL listed, CSA Certified, CE Certified
CSA File #	LR57326/Master Contract 152457
UL File #	E37138
Operating Temperature Range	-12 °C to 93 °C [10 °F to 200 °F]
Comment	Head can be set at 90 degree increments for cam or slide actuation
Agency Approvals and Standards	EN60947-1, EN60947-5-1
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Industrial

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.