Honeywe

INDUSTRIES

PRODUCTS & APPLICATIONS

NEWS & EVENTS

CONTACT & SUPPORT

Speed, Position & Current

Thermal

Pressure. Force & Flow

Switches & Relays **Equipment Health** Potentiometers & Resistors

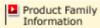
Safety **Products** Vehicle Cont & Monitoring

Honeywell Sensing and Control















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

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.