

Honeywell



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.

14CE3-Q

Miniature Enclosed Switches Series 14CE: Cross Roller Plunger (90° Rotated Plunger); 1NC 1NO SPDT Snap Action; 4-Pin DC Micro-Connector

Features

- Compact construction
- Pre-wired or connector versions
- Die-cast Zinc housing
- Wide selection of actuators
- Gang mounting capability
- Cable length variations
- Side and bottom exit cable/connector
- Simple two-screw mounting
- Low temperature variants
- Fluorocarbon sealing (standard)

Typical Applications

- Processing Equipment
- Textile Machinery
- Machine Tools
- Robotics
- Packaging Equipment
- Farm Machinery
- Commercial Laundry Equipment
- Printing Trade Machinery
- Vehicles

Description

All 14CE and 914CE series miniature enclosed switches incorporate fluorocarbon diaphragm sealing to provide reliable protection, meeting NEMA 1, 2, 3, 3R, 4, 6, 6P, and 13 as well as IP66, IP67, and IP68 requirements. Versions with boot seal also meet NEMA 12 requirements (dust, falling dirt, liquid media with solid contaminants). The cable or connector and basic switch terminals are encapsulated in an epoxy compound, offering superior resistance in harsh environments. For low temperature applications (down to -40 degrees C, -40 degrees F), CE switches can be supplied with low temperature seals and lubricant.

The CE switches are a rugged and versatile switch which can be applied indoors in harsh factory floor applications, as well as on outdoor equipment in extreme temperatures. A full range of actuators are available, including plain plungers, roller plungers, side rotary, multi-directional wire, and manually operated. The switches are also available with the industry standard, M12 miniature 4-pin connector. The 14 CE versions are designed for European applications and meet the requirements of the low

voltage directive and therefore carry the CE mark. The 914CE products meet UL and CSA standards, as well as European CE requirements.



14CE3-Q

Miniature Enclosed Switches Series 14CE: Cross Roller Plunger (90° Rotated Plunger); 1NC 1NO SPDT Snap Action; 4-Pin DC Micro-Connector

Product Specifications	
Availability	Europe; Asia-Pacific
Product Type	Miniature Limit Switches
Actuator	Cross Roller Plunger (90° Rotated Plunger)
Lever Style	None
Circuitry	1NC 1NO SPDT Snap Action
Ampere Rating	3 A (Thermal)
Supply Voltage	125 Vac, 250 Vac
Housing Material	Zinc Die-Cast
Termination Type	4-Pin DC Micro-Connector
Series Name	14CE Series
Sealing	IP65, NEMA 1, 3
Approvals	CE Certified
CSA File #	LR15775
UL File #	E41859
Mechanical Life	up to 10 million
Operating Temperature Range	0 °C to 70 °C (35 °F to 160 °F)
Comment	Side Exit Connector
Agency Approvals and Standards	IEC947-5-1, EN60947-5-1
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Sealed	Industrial


Honeywell

14CE3-Q

Miniature Enclosed Switches Series 14CE: Cross Roller Plunger (90° Rotated Plunger); 1NC 1NO SPDT Snap Action; 4-Pin DC Micro-Connector

WARNING

IF USED IN APPLICATIONS CONCERNING HUMAN SAFETY

- Only use NC direct opening ("positive opening"/"positive break") contacts, identified by the symbol .
- Do NOT use flexible/adjustable actuators. Only use actuators designed for safety applications
- Do NOT defeat, tamper, remove, or bypass this switch.
- Hazardous voltage, disconnect power before servicing.
- Strictly adhere to all installation and maintenance instructions.
- Consult with local safety agencies and their requirements when designing a machine-control link, interface and all control elements that affect safety

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.

© Copyright Honeywell Inc. 1998-2006 All rights reserved.