

Honeywell

Sensing and Control

Relialign™ RDI and RDI2 Residential Door Interlock Switches

01/06/2010

The Relialign™ Series electromechanical door interlock is designed specifically for swing door applications that include residential elevators, dumbwaiters, and platform lifts. The door interlock holds the door in place and prevents it from being opened when not desired (e.g. the elevator/lift car is not present at the door). A number of design features contribute to its enhanced safety, reduction of nuisance stoppages and call-backs, as well as simplified wiring and installation.

The Relialign™ RDI2 Series interlock features a rugged

thermoplastic-molded housing. Featuring a custom internal solenoid control, Relialign™ interlock can reduce complexity of the host controller, trim down power consumption for a “greener” product, extend solenoid life and reduce solenoid “time outs,” lessening customer aggravation.

Potential Applications:

- Residential Elevators
- Residential Dumb Waiters
- Platforms/Vertical Lifts



Honeywell RDI Residential Door Switches

If you have any queries, feel free to email:

edmund.gan@quadrep.com.sg

Inside this issue:

Honeywell– Relialign RDI and RDI2 Residential Door Interlock Switches	1
Pulse– Low Cost Weatherproof Antennas for 2.4GHz Applications	1
FCI– Highly Reliable USB for MultiMedia Devices	2
Sanyo Denki– Linear Actuator Motor- “SanMotion F5”	2



Low Cost Weatherproof Antennas for 2.4GHz Applications

16/06/2010

Pulse, a Technitrol Company (NYSE: TNL), a worldwide leader in electronic component and subassembly design and manufacturing, introduces its new low cost, weatherproof antennas for 2.4 GHz devices used in industrial, smart grid metering, security, broadband access, and other machine-to-machine (M2M) applications. These robust, high-efficiency, compact

antennas meet Bluetooth, WLAN, WiFi, IEEE 802.11b/g, ZigBee IEEE 802.15.4, and 2.4 GHz ISM band system standards.

Pulse’s W5001, W5010, and W5011 antennas function in ruggedized conditions, offering IP65 water ingress protection in accordance with international standard IEC 60529, UV protection, and the ability to withstand 100 mph wind loading. They have a maximum gain of 1.5 dBi in the

2,400 to 2,500 MHz range, an efficiency of 70%, and an operating temperature range of -40°C to 85°C. The antennas have a small footprint and low profile, measuring only 128mm x 18mm.

If you have any queries, feel free to email:

edmund.gan@quadrep.com.sg



Pulse W0XX Series Antennas



Highly Reliable Micro USB For Multimedia Devices

22/06/2010

FCI, a leading manufacturer of connectors and interconnect systems, introduces a new connector that complies with the physical, electrical and environmental requirements of USB 2.0 standard. The new Micro USB connector features an extremely small design as well as high reliability and rugged durability. This new connector is part of FCI's expansive USB family, widely used in mobile phones, MP3 players, PDAs, digital cameras and dozens of other devices used daily.

FCI's Micro USB is ideal for applications with space constraints. Approximately 60% smaller than the average mini-USB connector, the Micro USB provides high reliability while requiring little space, providing engineers a solution for the sleek, small designs of tomorrow.

The Micro USB Connector is RoHS-compatible and ensures direct data

transmission among mobile devices without host and complies to USB 1.1 and 2.0 standards. Highly durable, the Micro USB has a passive latch mechanism preventing unintentional cable release and has a life span of 10,000 cycles. The connector's receptacles and plugs are available in a wide variety of mounting and termination configurations enabling it to be used

in a wide array of devices.

FCI offers Micro USB B and A/B type receptacles (Standard; Mid-Mount and Reverse) as well as a B-type plug

For more info, please email: edmund.gan@quadrep.com.sg



FCI Highly Reliable Micro USB Connectors

SANYO DENKI

Linear Actuator Stepping Motor "SanMotion F5"

09/06/2010

SANYO DENKI CO., LTD. has expanded the lineup of SANMOTION F5 by developing a linear actuator stepping motor.

Semiconductor manufacturing equipment and general industrial machinery sometimes needs the direct drive operation by the linear motion.

This product, on the other hand, incorporates a ball screw inside the stepping motor to make it compact. This allows equipment size to be reduced.

This motor is suitable for semiconductor manufacturing equipment, general industrial machinery, machine tools application and transport equipment.

Features:

Downsizing and simplification of design and assembly

There is no need to incorporate a ball screw separately from the motor, the number of parts and design process in customers can be reduced, and equipment size can be reduced.

Largest Thrust in the Industry

The product produces a maximum thrust of 450 N, the largest in the industry.

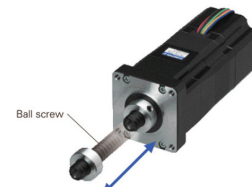
Longest Stroke Length in the Industry

The product has the longest stroke of 80mm*2 in the industry.

For more info, please email: edmund.gan@quadrep.com.sg



SanMotion F5 Motor



SanMotion F5 Motor in Operation



QuadRep Marketing (Singapore) Pte Ltd

53 Ubi Ave 1 #03-30
Paya Ubi Industrial Park
Singapore 408934
Phone: 65-63461933
Fax: 65-63461911

For sales enquiries please email :
cherquan.teo@quadrep.com.sg
For technical support please email:
edmund.gan@quadrep.com.sg

**QuadRep (Malaysia) Sdn Bhd
(Kuala Lumpur Office)**

70-3B, Block F, Jalan PJU 1/3B,
SunwayMas Commercial Centre,47301
Petaling Jaya, Selangor, Malaysia.
Phone : 603 7880 9509 Fax : 603 7880 05

For sales enquiries: please email:

kcfoo@quadrep.com.my

(Penang Office)

570C 3rd Flr, Jalan Sultan Azlan Shah,
Sungai Nibong, Penang 11900 Malaysia
Phone : 604 6581771 Fax : 604 6582771

For sales enquiries: please email:

shloh@quadrep.com.my

QuadRep is a manufacturers representative and distributor of electronic components and sub-systems established in Singapore since 1987. We have many years of history and proven track record in sales and marketing of high technology electronic components and sub-systems.

QuadRep is market driven and with a highly qualified technical sales team, we are able to provide the best solutions to our customers from design to procurement and to manufacturing.

We represent a range of manufacturers of ICs and Discrete Semiconductor Products, Interconnects, Inductors, Filters, Transformers, Resistors and Trimmers, Capacitors, Circuit Protection Devices, Integrated Passive Components, Encoders, LCD Modules, Switches, Front Panel Assemblies, Frequency Control Products, Audio Products, Sensors and Controls, Batteries, Heat-sinks and Embedded Modules



For more info, please visit <http://www.quadrep.com.sg>