

AUGUST 2003

# PLEASE PASS TO YOUR ELECTRICAL DESIGN DEPT.

Dear Customer

Welcome to our August bulletin.

Last month, we received one of our twice-yearly visits by the British Standards Institution (BSI) to audit our quality system. This particular visit was most important as it was the final stage of the transition from ISO 9002 to ISO 9001:2000.

I am pleased to report that BSI have now recommended our transfer of registration to ISO 9001:2000 and we expect to receive our new certificate within the next few weeks.

If you would like to receive a copy of the new certificate when this becomes available, as well as our Business Manual, Company objectives and quality plan, please contact our Management Representative for Quality, Olga Summers.

This month's product focus features the M169 phase failure relay, one of a wide range of measuring relays available in our product portfolio.

Yours sincerely

Gary Brookes  
Managing Director

## PRODUCT FOCUS

### THE PRODUCT

This month we highlight one of our most popular measuring relays, the M169x01.



This relay is suitable for protecting three phase systems against phase loss or phase reversal.

Housed in a compact 22.5 mm wide din rail mounting enclosure, the relay provides two changeover contacts, two LEDs signal "power on" and contact position.

### SPECIFICATION

Model	M169x01
Nominal voltage range	380 to 440V ac 50/60Hz ±5%
Nominal power consumption	9VA/2W
Temperature range	-5 to +60°C
Contacts	2 Changeover
Response Time	Actuation approx 250ms Release approx 500ms
Reset Time	< 1s
Switching Capacity	Max. Switching voltage 250V ac Max. Continuous Current 3A
Switching Power	220VA, 50W
Mechanical Service Life	20x10 <sup>6</sup> operations
Rated Insulation Voltage	250V
Test Voltage	2kV 50Hz/1 min

### DELIVERY

Available Ex Stock.

### LIST PRICE

M169 £30.66\*

\* Discounts available for quantity on regular usage.

### USEFUL CONTACTS

#### Instrumentation, Industrial Relays

Dave Newton, Peter Hodgetts & Ray Munro  
01268 749301

#### Safety Products

John Roberts & Barry Mitchell  
01268 749302

#### Temperature/Pressure and Rotational Products

Tom Hawkins  
01268 749303

#### Special Projects

Gary Brookes & John Hodgetts  
01268 749300

#### Customer Service

Hilary Gales & Maureen Jones  
01268 749300

### WEB SITE

For up-to-date company news, please visit our website at

**[www.rayleigh.co.uk](http://www.rayleigh.co.uk)**

We would welcome your comments.

**RAYLEIGH INSTRUMENTS LIMITED**

**FAX BACK**  
**01268 749309**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Postcode: \_\_\_\_\_

Tel: \_\_\_\_\_

Contact: \_\_\_\_\_

Position: \_\_\_\_\_



Please send details of your **M169x01** Relay.