

control with flexibility

**BROYCE
CONTROL**

Shortform
catalogue



EARTH LEAKAGE RELAYS



TIMERS



CONTROL RELAYS



THREE PHASE RELAYS



LEVEL CONTROL RELAYS



RELAYS, SOCKETS & ACCESSORIES



INTERFACE MODULES



PROTECTION DEVICES



GENERATOR PROTECTION RELAYS



A reputation for quality products throughout industry

Broyce Control has successfully established itself as one of the leading manufacturers of control devices.

Our reputation for excellence in design goes back some 40 years when the company was founded.

Since that time we have continued to expand and develop our product range based on a total commitment to quality that is now recognised throughout the industry.



Innovation combined with practical ability ensures that our customers always receive first class products time and time again.

This shortform brochure can only give an indication of the products and services available.

For more in depth information, copies of our full range product catalogue are available on request or visit our website.

24 hour ordering

Orders can be accepted 24 hours a day, 7 days a week, 365 days a year. Phone, fax or e-mail for a quick response.

2 year guarantee

Every product produced by Broyce Control is fully guaranteed against defective manufacture for 2 years.

Approvals

Many of our products carry recognised approvals including UL, CUL, CSA, VDE and conform to international standards. All Broyce products are CE and C-tick compliant.

Services

At Broyce Control we offer more than a standard product range.



We will work with you in the design and development of customised products, producing working samples to ensure accuracy and suitability.

In some cases performance characteristics of existing products can be modified to fit with your requirements.

EARTH LEAKAGE RELAYS



Main Types

- Variable sensitivity Type A
- Fixed sensitivity Type A
- Range of toroids

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Features and Options

- Din rail mounting
- Remote test and reset
- Actual current display
- Self test
- Remote lamp output (Variable)
- Max current display
- Analogue output
- Digital setting
- Adjustable time delay
- Adjustable trip level

TIMERS



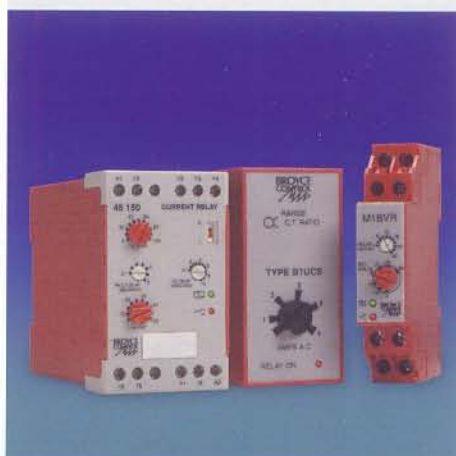
Main Types

- Multi function
- Delay on operate
- Delay off (delay on release)
- Delay on operate and instantaneous contact
- Flasher
- Interval
- Mains restoration (auto restart)
- Multi attempt to start
- Re-cycling asymmetrical
- Re-cycling symmetrical
- Stair case lighting
- Star delta start
- True delay off
- Other functions available

Features and Options

- Din rail mounting
- Plug in
- Single or multi function versions
- Single or multi time range versions
- Single or multi voltage versions
- Relay or thyristor output
- Remote potentiometer

CONTROL RELAYS



Main Types

- Battery voltage alarm
- Current relays
- Current transformers
- Delayed re-start
- Frequency relays
- Load sharing relays
- Logic/flip flop relay
- Mains failure relay
- Missing pulse relay
- Pt 100 temperature control relays
- Shaft rotation relay
- Tachometer relay
- Thermistor relay
- Voltage relays
- Underspeed
- Mains restoration (auto restart)

Features and Options

- Din rail mounting
- Plug in
- User adjustable facilities
- Single and double pole versions
- Customised versions
- Relay inversion
- Latching
- Single voltage/multi voltage
- Analogue output

THREE PHASE RELAYS



Main Types

- Phase asymmetry
- Phase loss
- Phase failure
- Phase over current
- Phase over voltage
- Phase sequence
- Phase under current
- Phase under voltage
- Phase under voltage and thermistor
- Neutral loss detection
- Single phasing preventor
- Sequence/failure indication
- Combined under and over voltage

Features and Options

- Din rail mounting
- Plug in
- Monitors own supply
- Auxiliary supply
- User adjustable facilities
- Fixed or adjustable trip levels
- Single or double pole versions
- Up to 600 volts
- Self test
- Diagnostic LED

LEVEL CONTROL RELAYS



Main Types

- Conductive level
- Pump up/pump down
- Dry running protection
- Seal leakage detection
- Reverse acting (filling)
- Up to 3 levels (incl. alarm)
- Standard (empty)
- Combined 3 phase and level
- Range of accessories includes: *electrodes, holders, separators and connectors*
- Capacitive
- Built in or separate amplifier

Features and Options

- Adjustable sensitivity
- Din rail mounting
- Plug in
- Mode selectors
- Clear status indication (LED)

RELAYS, SOCKETS & ACCESSORIES



Main Types

- 2 PDT (8 pin) 10 amp
- 3 PDT (11 pin) 10 amp
- 4 PDT (14 pin) 10 amp
- 4 PDT (14 pin) 5 amp - miniature
- 1 PDT (3.5mm) 12 amp
- 2 PDT (5.0mm) 8 amp
- Wide range of sockets to suit
- Hours run meters
- Modular housings
- LED and diode modules

Features and Options

- Plug in
- Indication
- Test button and latching facility
- Colour coded for easy I.D. of AC or DC coil
- Cadmium Free Contacts

INTERFACE MODULES



Main Types

- Relay modules
- Single pole
- Double pole
- Four pole
- Eight pole
- Sixteen pole
- Diode modules
- Fuse modules
- IDC modules
- Sub miniature D connector

Features and Options

Din rail mounting
Easy installation
LED indication
Flexible wiring options
Sockets for easy relay replacement
Facility for "common" shorting links
Common negative/common positive
Customised versions

PROTECTION DEVICES



Main Types

- Lamp test units
- Diode modules
- Multi input alarm relay
- Reverse power relay
- Surge protection
- Synchronising check relay

For further information visit
www.broycecontrol.com

Features and Options

User adjustable facilities
Test and reset facilities
Fixed or selectable sensitivity
Re-triggerable
Din rail mounting
Surface mounting

GENERATOR PROTECTION RELAYS



Main Types

- Battery voltage alarm
- Current relays (single phase)
- Current relays (three phase)
- Frequency relays
- Reverse power relays
- Synchronising check relays
- Voltage relays (single phase)
- Voltage relays (three phase)

Also Refer to...
timers, relays and sockets

Features and Options

Din rail mounting
User adjustable facilities
Single and double pole versions
Single and three phase units

Exceeding customer expectations

At Broyce Control we offer a comprehensive and flexible product range. Many products carry recognised approvals and all conform to International standards.



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Our aim is to understand our customer requirements and to respond to their needs anywhere in the world. We already work with customers in some 90 countries supplying standard and customised products to meet the great variety of different market demands.

When you order from Broyce Control you'll notice a real difference.

**BROYCE
CONTROL**
/M.A.A.

Contact your local distributor