

BROYCE CONTROL

Passionate about protection and control

EARTH LEAKAGE & EARTH FAULT RELAYS

PANEL MOUNT

COMPACT
DIMENSIONS

TRUE RMS

EARTH FAULT
DETECTION

EARTH LEAKAGE
DETECTION
(TYPE A)



P50ELR-3

Earth Leakage Relay (3A) with SPDT contact

Key Features:

- Panel (Flush) Mount enclosure
- Quick to install using adjustable side clips (no fixing screws required)
- Selectable Trip setting (0.03 - 3A)
- Selectable Time delay setting (0 [inst.] - 0.5s)
- Test and Reset buttons for simulating and clearing of fault condition
- Toroid open circuit detection
- LED bargraph for leakage current indication
- Red LED indication of actual tripped condition
- Green LED indication for Auxiliary power supply presence
- Microprocessor based (self checking) with non-volatile memory
- 1 x SPDT relay output - 8A
- Supply voltage options: 115V AC or 230V AC

NEW



Dims:
W x H. 57 x 70mm (front)
W x H. 50 x 62mm (main body)
L. 91mm

P50ELR-10

Earth Leakage Relay (10A) with SPDT contact

Key Features:

- Panel (Flush) Mount enclosure
- Quick to install using adjustable side clips (no fixing screws required)
- Selectable Trip setting (0.03 - 10A)
- Selectable Time delay setting (0 [inst.] - 0.5s)
- Test and Reset buttons for simulating and clearing of fault condition
- Toroid open circuit detection
- LED bargraph for leakage current indication
- Red LED indication of actual tripped condition
- Green LED indication for Auxiliary power supply presence
- Microprocessor based (self checking) with non-volatile memory
- 1 x SPDT relay output - 8A
- Supply voltage options: 115V AC or 230V AC

NEW



Dims:
W x H. 57 x 70mm (front)
W x H. 50 x 62mm (main body)
L. 91mm

P50ELR-30

Earth Leakage Relay (30A) with SPDT contact

Key Features:

- Panel (Flush) Mount enclosure
- Quick to install using adjustable side clips (no fixing screws required)
- Selectable Trip setting (0.03 - 30A)
- Selectable Time delay setting (0 [inst.] - 0.5s)
- Test and Reset buttons for simulating and clearing of fault condition
- Toroid open circuit detection
- LED bargraph for leakage current indication
- Red LED indication of actual tripped condition
- Green LED indication for Auxiliary power supply presence
- Microprocessor based (self checking) with non-volatile memory
- 1 x SPDT relay output - 8A
- Supply voltage options: 115V AC or 230V AC

NEW



Dims:
W x H. 57 x 70mm (front)
W x H. 50 x 62mm (main body)
L. 91mm

P50ELR-3/2

Earth Leakage Relay (3A) with 2 x SPNO contacts

Key Features:

- Panel (Flush) Mount enclosure
- Quick to install using adjustable side clips (no fixing screws required)
- Selectable Trip setting (0.03 - 3A)
- Selectable Time delay setting (0 [inst.] - 0.5s)
- Test and Reset buttons for simulating and clearing of fault condition
- Toroid open circuit detection
- LED bargraph for leakage current indication
- Red LED indication of actual tripped condition
- Green LED indication for Auxiliary power supply presence
- Microprocessor based (self checking) with non-volatile memory
- 2 x SPNO relay output - 3A
- Supply voltage options: 115V AC or 230V AC

NEW



Dims:
 W x H. 57 x 70mm (front)
 W x H. 50 x 62mm (main body)
 L. 91mm

P50ELR-10/2

Earth Leakage Relay (10A) with 2 x SPNO contacts

Key Features:

- Panel (Flush) Mount enclosure
- Quick to install using adjustable side clips (no fixing screws required)
- Selectable Trip setting (0.03 - 10A)
- Selectable Time delay setting (0 [inst.] - 0.5s)
- Test and Reset buttons for simulating and clearing of fault condition
- Toroid open circuit detection
- LED bargraph for leakage current indication
- Red LED indication of actual tripped condition
- Green LED indication for Auxiliary power supply presence
- Microprocessor based (self checking) with non-volatile memory
- 2 x SPNO relay output - 3A
- Supply voltage options: 115V AC or 230V AC

NEW



Dims:
 W x H. 57 x 70mm (front)
 W x H. 50 x 62mm (main body)
 L. 91mm

P50ELR-30/2

Earth Leakage Relay (30A) with 2 x SPNO contacts

Key Features:

- Panel (Flush) Mount enclosure
- Quick to install using adjustable side clips (no fixing screws required)
- Selectable Trip setting (0.03 - 30A)
- Selectable Time delay setting (0 [inst.] - 0.5s)
- Test and Reset buttons for simulating and clearing of fault condition
- Toroid open circuit detection
- LED bargraph for leakage current indication
- Red LED indication of actual tripped condition
- Green LED indication for Auxiliary power supply presence
- Microprocessor based (self checking) with non-volatile memory
- 2 x SPNO relay output - 3A
- Supply voltage options: 115V AC or 230V AC

NEW



Dims:
 W x H. 57 x 70mm (front)
 W x H. 50 x 62mm (main body)
 L. 91mm



P50EFR

NEW

Earth Fault Relay (2A) with SPDT contact

Key Features:

- Panel (Flush) Mount enclosure
- Quick to install using adjustable side clips (no fixing screws required)
- Adjustable Trip setting (0.1 - 2A)
- Adjustable Time delay setting (0.05 - 1s)
- Test and Reset buttons for simulating and clearing of fault condition
- Red LED indication of actual tripped condition
- Green LED indication for Auxiliary power supply presence
- Microprocessor based (self checking) with non-volatile memory
- 1 x SPDT relay output - 8A
- Supply voltage options: 115V AC or 230V AC



Dims:
W x H. 57 x 70mm (front)
W x H. 50 x 62mm (main body)
L. 91mm

P50EFR/2

NEW

Earth Fault Relay (2A) with 2 x SPNO contacts

Key Features:

- Panel (Flush) Mount enclosure
- Quick to install using adjustable side clips (no fixing screws required)
- Adjustable Trip setting (0.1 - 2A)
- Adjustable Time delay setting (0.05 - 1s)
- Test and Reset buttons for simulating and clearing of fault condition
- Red LED indication of actual tripped condition
- Green LED indication for Auxiliary power supply presence
- Microprocessor based (self checking) with non-volatile memory
- 2 x SPNO relay outputs - 3A
- Supply voltage options: 115V AC or 230V AC



Dims:
W x H. 57 x 70mm (front)
W x H. 50 x 62mm (main body)
L. 91mm

BZCT Toroids

Used with P50ELR range

Key Features:

- 5 sizes available - 35mm, 50mm, 70mm, 120mm and 160mm
- Circular aperture
- Surface mounting
- Fixing slots provided



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