

NEW ELEC

MOTOR PROTECTION & CONTROL TECHNOLOGY

GA Relay Ordering Information

Earth Leakage Motor Protection Relay Kits



About

Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.

Protection Features:

- Fail-safe or non fail-safe option
- Earth Leakage Protection
- Earth Fault Protection 110V / 220V A.C.or 380V / 525V A.C. supply
- Latching or non-latching trip contact
- Instantaneous or IDMT curve selection
- Latched 'contactor trip' C/O contact
- Harmonic Suppression
- Adaptor plate to fit 71 x 94mm cut-out



A South African Company to be Proud of





Ordering Details

GA 1 - 2 - 3 - 4 - 5

1 - Model

GA Standard = 0
 GA ELX Model = A

2 - Range

0030 = 030mA sensitivity
 0250 = 250mA sensitivity
 0375 = 375mA sensitivity
 0500 = 500mA sensitivity
 1000 = 1000mA sensitivity

3 - Main Trip Contact

Non fail-safe = 0
 Fail-safe = B

4 - Latching or Non-Latching Main Trip

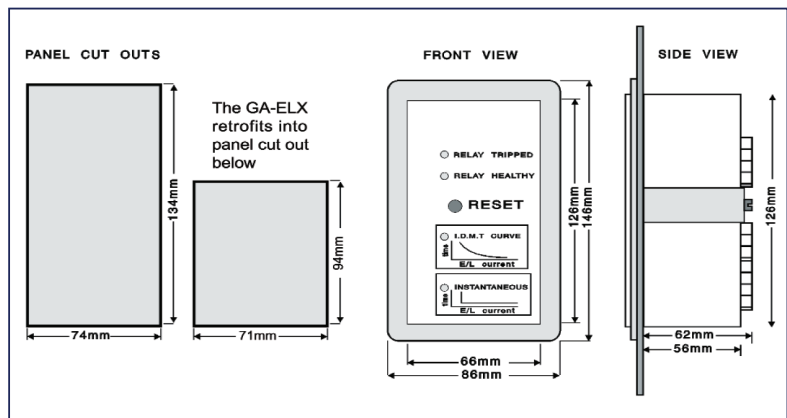
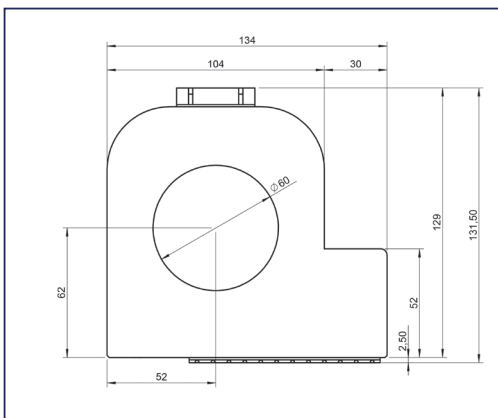
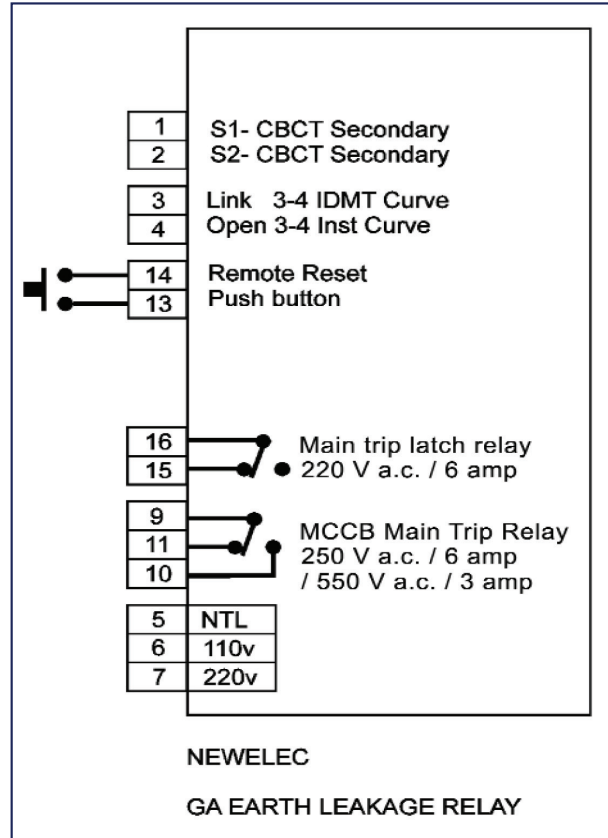
Non-latching = 0
 Latching = C

5 - Auxiliary Supply Voltage

110V / 220V A.C. = 0
 380V / 525V A.C. = D

Example:

GA-A-0500-B-0-D



Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

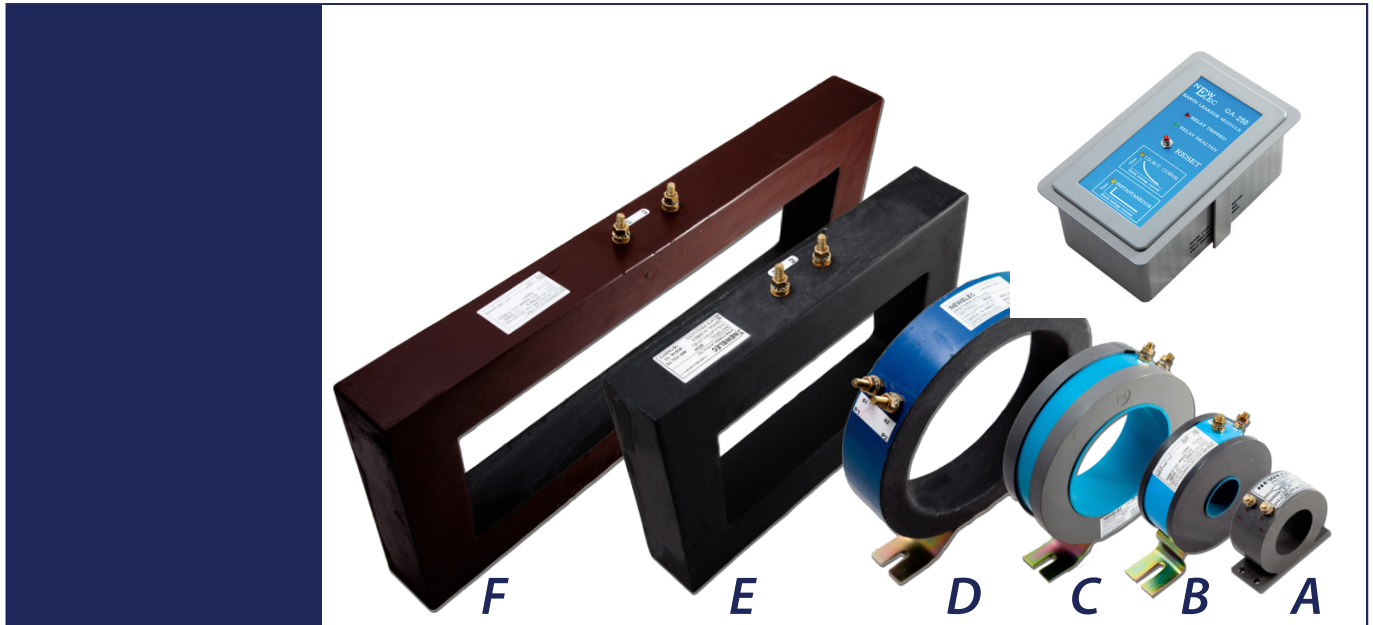
Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.





Earth Leakage Motor Protection Solution to Suite:

C.B.C.T



Standard Kit

Product Code	Description
FPR0109	GA0-0030-0-0-0
BTXxxxx	

Ordering Information:

- F BTX0006 C.B.C.T 400 x 110 mm Rectangular Window
- E BTX0007 C.B.C.T Rectangular 200 mm ID
- D BTX0005 C.B.C.T MOH 1000/1 190 mm ID
- C BTX0003 C.B.C.T 1000/1 MOH Steel 150 mm ID
- B BTX0001 C.B.C.T 1000/1 MOH Steel 63 mm ID
- A BTX0004 C.B.C.T 1000/1 MOH Steel 43 mm ID

Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.





Earth Leakage Motor Protection Solution to Suite:

30mA Sensitivity



Standard Kit

Product Code	Description
FPR0761	GA0-0030-0-0-0
BTX0004	C.B.C.T. 1100/1 MOH Steel 43mm ID

Ordering Information:

GA 1 Model GA Standard = 0	GA ELX Model = A
GA 2 Range 0030 =	030mA sensitivity
GA 3 Main Trip Contact Non fail-safe =	0 Fail-safe = B
GA 4 Latching or Non-Latching Main Trip Non-latching =	0 Latching = C
GA 5 Auxiliary Supply Voltage 110V / 220V A.C. =	0 380V / 525V A.C. = D

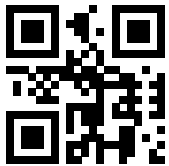
Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

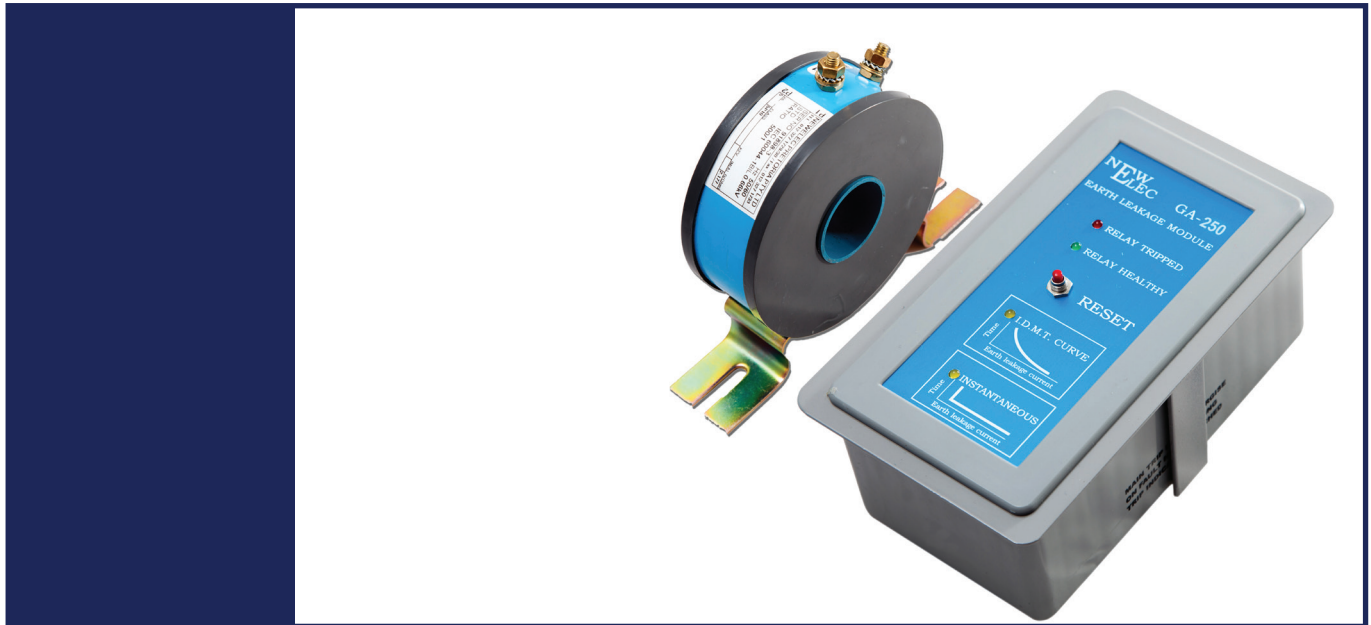
Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.





Earth Leakage Motor Protection Solution to Suite:

250mA Sensitivity



Standard Kit

Product Code	Description
FPR0109	GA0-0250-0-0-0
BTX0004	C.B.C.T. 1100/1 MOH Steel 43mm ID

Ordering Information:

GA 1 Model GA Standard = 0	GA ELX Model = A
GA 2 Range 0030 =	030mA sensitivity
GA 3 Main Trip Contact Non fail-safe =	0 Fail-safe = B
GA 4 Latching or Non-Latching Main Trip Non-latching =	0 Latching = C
GA 5 Auxiliary Supply Voltage 110V / 220V A.C. =	0 380V / 525V A.C. = D

Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.

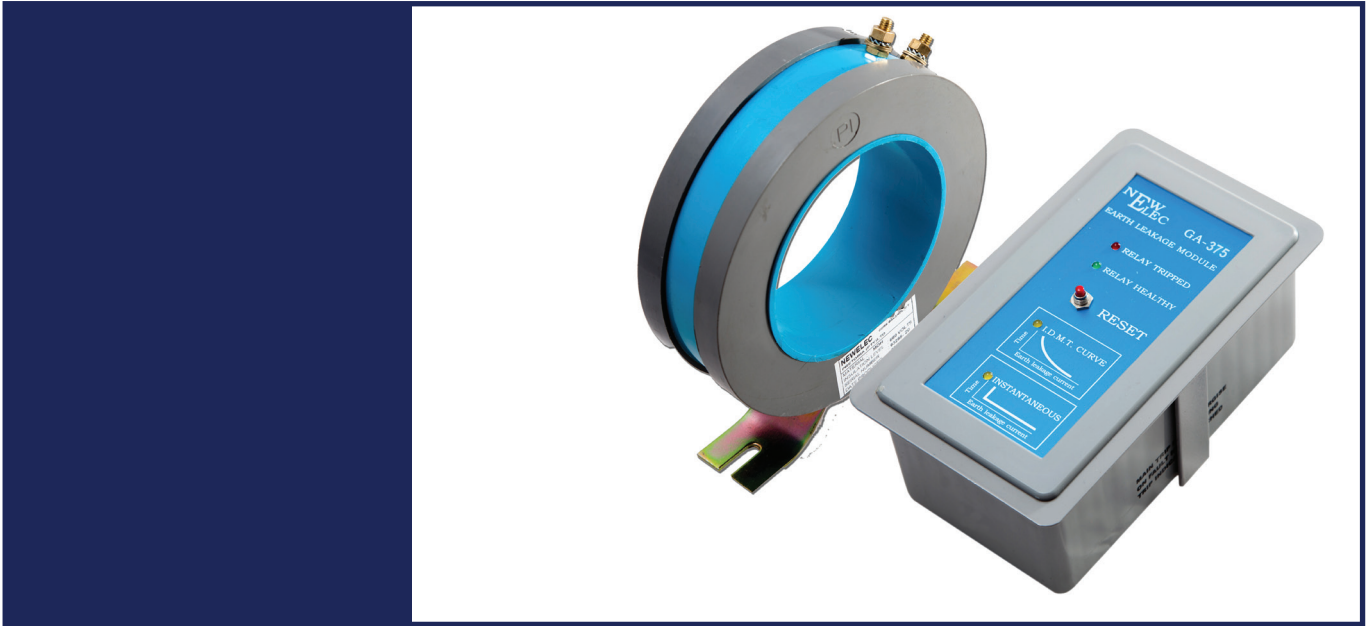


Certificate Number : 8707QM5001



Earth Leakage Motor Protection Solution to Suite:

375mA Sensitivity



Standard Kit

Product Code	Description
FPR0136	GA0-0375-0-0-0
BTX0001	C.B.C.T. 1000/1 MOH Steel 63mm ID

Ordering Information:

GA 1 Model GA Standard = 0	GA ELX Model = A
GA 2 Range 0030 =	030mA sensitivity
GA 3 Main Trip Contact Non fail-safe =	0 Fail-safe = B
GA 4 Latching or Non-Latching Main Trip Non-latching =	0 Latching = C
GA 5 Auxiliary Supply Voltage 110V / 220V A.C. =	0 380V / 525V A.C. = D

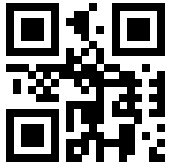
Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

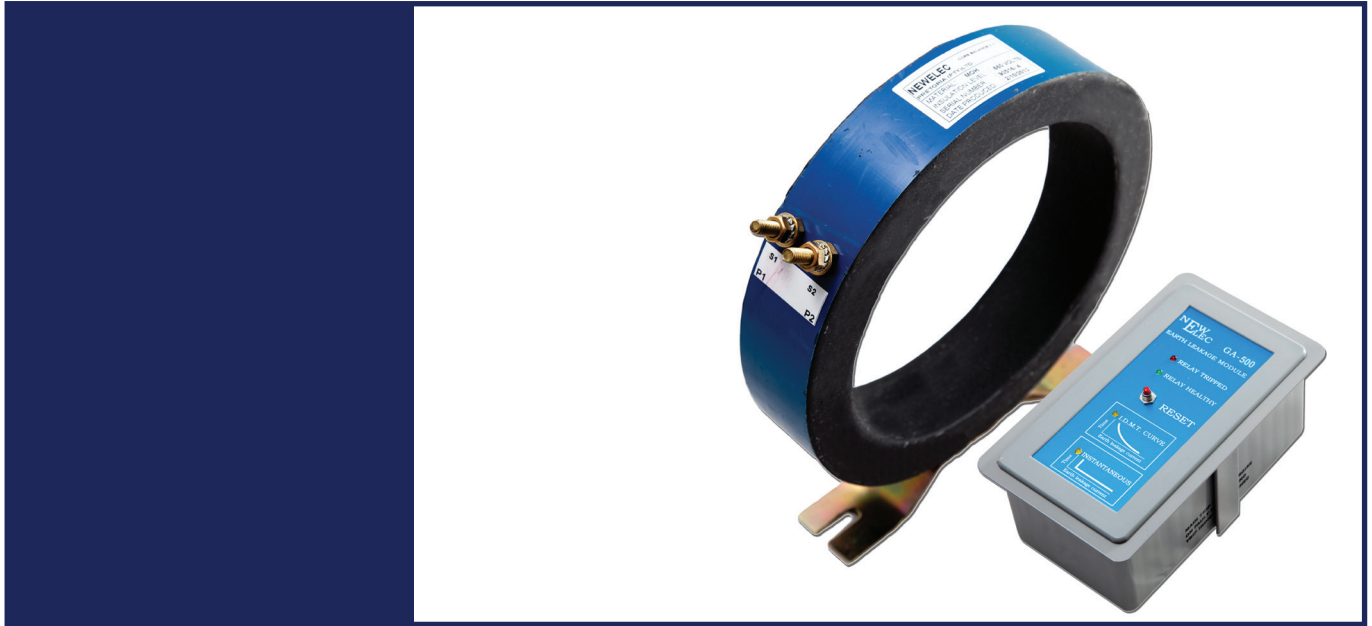
Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.





Earth Leakage Motor Protection Solution to Suite:

500mA Sensitivity



Standard Kit

Product Code	Description
FPR0186	GA0-0500-0-0-0
BTX0001	C.B.C.T. 1000/1 MOH Steel 63mm ID

Ordering Information:

GA 1 Model GA Standard = 0	GA ELX Model = A
GA 2 Range 0030 =	030mA sensitivity
GA 3 Main Trip Contact Non fail-safe =	0 Fail-safe = B
GA 4 Latching or Non-Latching Main Trip Non-latching =	0 Latching = C
GA 5 Auxiliary Supply Voltage 110V / 220V A.C. =	0 380V / 525V A.C. = D

Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

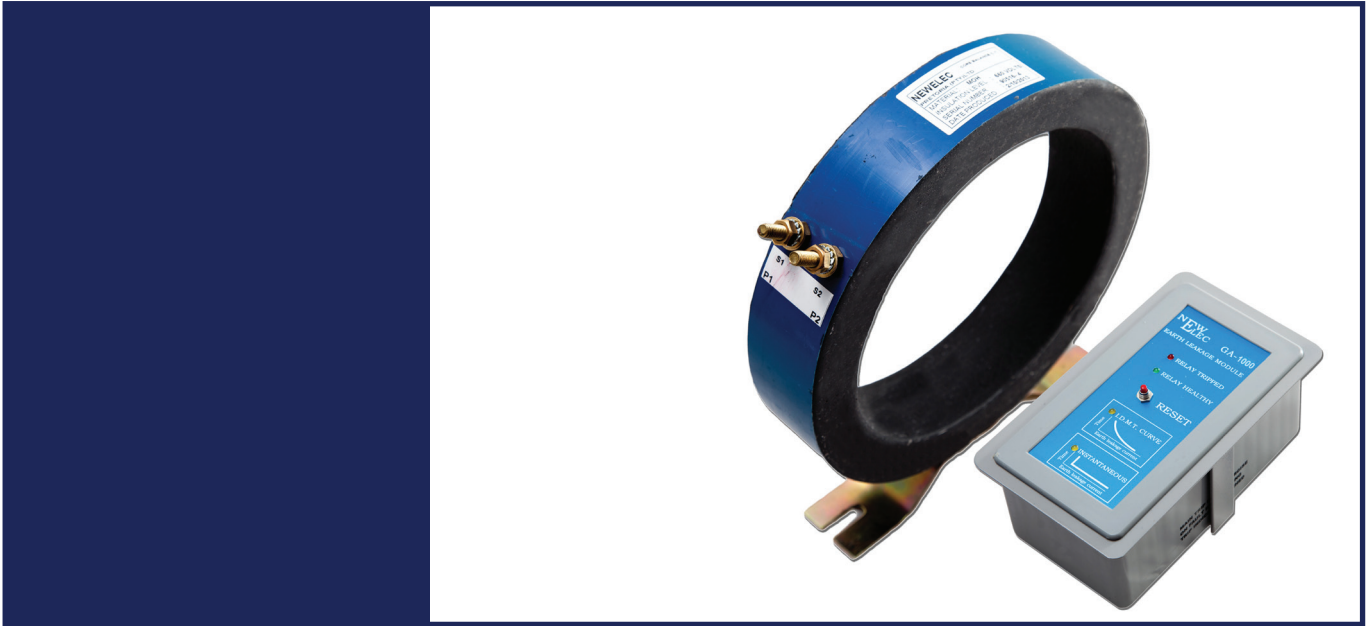
Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.





Earth Leakage Motor Protection Solution to Suite:

1000mA Sensitivity



Standard Kit

Product Code	Description
FPR0183	GA0-1000-0-0-0
BTX0002	C.B.C.T. 1000/1 MOH Steel 104mm ID

Ordering Information:

GA 1 Model GA Standard = 0	GA ELX Model = A
GA 2 Range 0030 =	030mA sensitivity
GA 3 Main Trip Contact Non fail-safe =	0 Fail-safe = B
GA 4 Latching or Non-Latching Main Trip Non-latching =	0 Latching = C
GA 5 Auxiliary Supply Voltage 110V / 220V A.C. =	0 380V / 525V A.C. = D

Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.





Earth Leakage Motor Protection Solution to Suite:

Each GA Earth Leakage Relay require one of the following Core Balance Current Transformers:

C.B.C.T. 1100/1 43mm ID



Product Code	Description
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BTX0004	C.B.C.T. 1100/1 MOH Steel 43mm ID
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C.B.C.T. 1000/1 63mm ID



Product Code	Description
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BTX0001	C.B.C.T. 1000/1 MOH Steel 63mm ID
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Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.



Certificate Number : 8707QM5001



Earth Leakage Motor Protection Solution to Suite:

Each GA Earth Leakage Relay require one of the following Core Balance Current Transformers:

C.B.C.T. 1000/1 104mm ID



Product Code	Description
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BTX0002	C.B.C.T. 1000/1 MOH Steel 104mm ID
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C.B.C.T. 1000/1 150mm ID



Product Code	Description
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BTX0003	C.B.C.T 1000/1 MOH 150mm ID
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Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

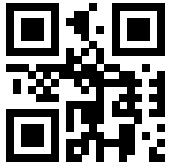
The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.



Certificate Number : 8707QM5001



Earth Leakage Motor Protection Solution to Suite:

Each GA Earth Leakage Relay require one of the following Core Balance Current Transformers:

C.B.C.T. 1000/1 190mm ID



Product Code	Description
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BTX0005	C.B.C.T. 1000/1 MOH Steel 190mm ID
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C.B.C.T. Rectangular 200mm



Product Code	Description
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BTX0007	C.B.C.T Rectangular 200mm
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Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.

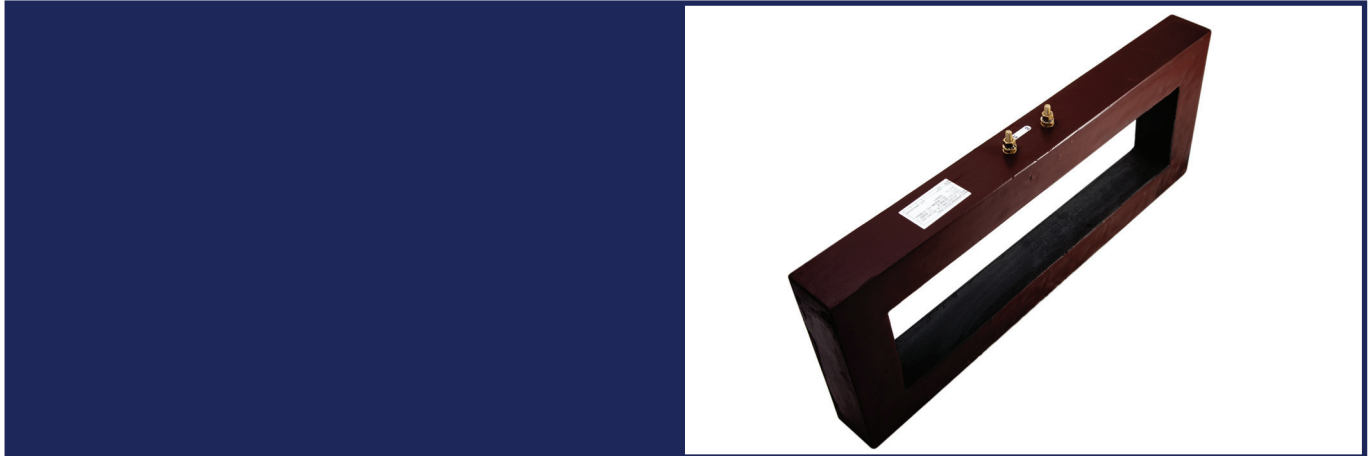




Earth Leakage Motor Protection Solution to Suite:

Each GA Earth Leakage Relay require one of the following Core Balance Current Transformers:

C.B.C.T. Rectangular 400mm



Product Code	Description
BTX0006	C.B.C.T. Rectangular 400mm



Pioneers of the harmonic suppression circuit characteristics, the GA Earth Leakage Protection Relay enables more sensitive earth leakage protection of high kilowatt motors started direct-on-line, as well as variable speed drive applications without nuisance tripping.

The GA is available in diverse configuration options, including latched or non-latching main trip contact, fail-safe or non fail-safe options, as well as 110V / 220V or 380V / 525V A.C. auxiliary supply voltages.

The trip contact current rating is a sturdy 6A at 220V and 3A at 525V A.C. A latched 'contactor trip' change-over contact can only be reset by pressing the control panel-mounted pushbutton.

Sensitivities range from 30mA to 1000mA with user-selectable instantaneous or IDMT curve selection while using the same earth leakage core.

ISO 9001:2008



Certificate Number : 8707QMS001

A South African Company to be Proud of

NEW ELEC

MOTOR PROTECTION & CONTROL TECHNOLOGY



Physical Address:

298 Soutter Street,
Pretoria West

Tel: +27 12 327 1729

Fax: +27 (0)12 327 1733

Toll Assist: 0860 10 30 41

www.newelec.co.za

sales@newelec.co.za