

Application

The new range of VIGI C60 residual current devices simply clip on to the right hand side of any C60HB, C60HC and C60HD mcb, without adaptors, to provide a high level of protection against earth leakage faults in addition to the overload and over current protection provided by the mcb alone.

The VIGI rcd has a residual current-operated electro-mechanical release which operates, without any auxiliary source of supply, to open a circuit automatically in the case of an earth leakage fault between phase and earth greater than or equal to 10, 30, 100 or 300mA.

The VIGI C60 can be field adapted to operate in one of two modes:
[] automatic reset: VIGI is reset by mcb toggle
[] hand reset: VIGI is reset separately
[] the 10, 30, 100 and 300mA units provide protection against indirect contact
[] the 10mA and 30mA units provide complementary protection against direct contact.
NB: must not be used as the sole means of providing protection against direct contact (16th edition 412-06)
[] all sensitivities protect the installation against insulation faults
[] the breaking capacity, tripping and other performance characteristics of the mcb remain unaltered.

Specifications

[] Rcd to BS 4293

Technical data

[] voltage:
2P 110/240/415V 50/60 Hz/
4P 240/415V 50/60 Hz
[] sensitivities: (non-adjustable)
30, 100 and 300 mA for current ratings up to 63A
10mA for current ratings up to 25A.

unwanted tripping

ALL VIGI modules are equipped with a filtering device preventing the risks of unwanted tripping due to transient voltages (lightning, line disturbances on other equipment...) and transient currents (from high capacitive circuits...).

DC sensitive devices: consult us

[] cable capacities:

4P devices tunnel terminals for cables up to 35mm²
2P devices tunnel terminals for cables up to 25mm²

Installation

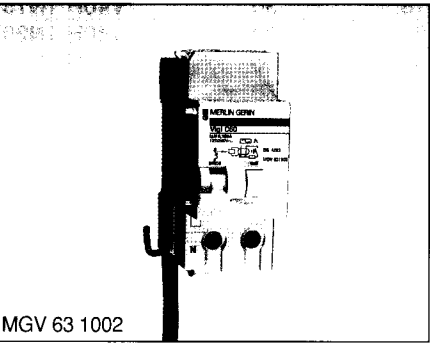
[] on symmetrical DIN rail
[] in all distribution boards and standard enclosures.
[] direct panel mounting.
[] ALL VIGI add-on rcd's can accept up to a total of 4 marking accessories on each of their poles.
The following symbols are available: Blank, 1-9, +, -, and A-Z.

to order:

Select the appropriate C60HB, C60HC or C60HD mcb, then decide on the sensitivity of the VIGI add-on residual current device - and quote mcb and VIGI rcd references.

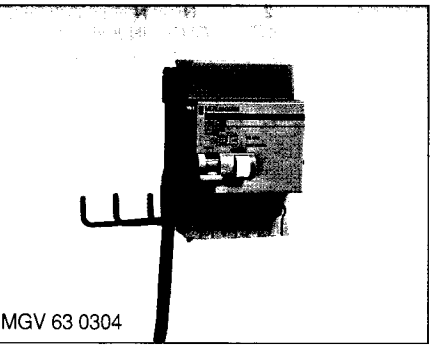
example:

C60HB232 + MGV 63 300 2
= 10000A 2 pole 32A 300mA sensitivity rcd/mcb with overload, short circuit and earth leakage protection .



VIGI modules - two pole
for assembly with 1P or 2P mcbs

Table with 3 columns: rating (A), sensitivity (mA), part n°. Rows include 25/10/25, 63/30/63, 63/100/63, and 63/300/63.



VIGI modules - four pole
for assembly with 3P or 4P mcbs

Table with 3 columns: rating (A), sensitivity (mA), part n°. Rows include 63/30/63 and 63/300/63.

Terminal screw shields available for VIGI rcd's. Refer to page 39

overall widths
mcb + VIGI C60 module
C60HB, C60HC AND C60HD mcbs

Table with 5 columns: mcb poles, VIGI C60 poles, 18 mm SP ways, 9 mm modules, mm. Rows show combinations for 1, 2, 3, and 4 poles.

[] dimensions see page 118

