



- Earth leakage relay for earthed AC systems
- Non isolated analogue output (C-version)
- “RCT” measuring principle

Specifications

Auxiliary Voltage:	100-120, 200 - 240, 380 - 415V, or 440 - 460VAC: 40 - 70Hz
Optional Aux. Voltage:	12, 24VDC
Current range:	0-150mA as standard. <i>(Other ranges are available on request)</i>
Contact Rating:	
AC:	100VA -250V/2A max.
DC:	50W -100V/1A max.
Adjustments:	Factory set trip level 100mA on the standard <i>(or as ordered)</i>
Analogue output: (Only on KRM162C)	0-1mA = 0-range
Temperature:	-20 to +70°C
Weight:	0.4kgs
Front protection:	IP21

MML150xx		
System voltage:	100-240, 380-460 or 600-1000VAC	
Dimension: (HxWxD)	MML1501: 172 x 112 x 35mm MML15010: 172 x 112 x 70mm	
Weight:	MML1501: 0.3kgs MML1510: 0.5kgs	

Core Balance Current Transformer (CBCT)		
Type:	Dimension: (WxH)	Inner area: (WxH)
IGT12 (Toroidal)	37 x 43mm	ø 12mm
IGT30 (Toroidal)	ø 55mm	ø 30mm
IGT60 (Toroidal)	ø 98mm	ø 60mm
IGT60A (Toroidal)	ø 114mm	ø 64mm
IGT110 (Toroidal)	ø 154mm	ø 110mm
IGT160 (Toroidal)	224 x 220mm	ø 160mm
IGT200 (Toroidal)	265 x 260mm	ø 200mm
IGR2015 (Rectangular)	330 x 218mm	200 x 150mm
IGR3015 (Rectangular)	370 x 228mm	300 x 150mm
IGR3215 (Rectangular)	390 x 228mm	320 x 150mm
IGR3515 (Rectangular)	420 x 228mm	350 x 150mm
IGR4015 (Rectangular)	470 x 228mm	400 x 150mm
IGR5015 (Rectangular)	580 x 235mm	500 x 150mm

The unit meets IEC60092-504 and the relevant environmental and EMC tests specified in IEC60068/60092 and IEC61000/60533 respectively, to comply with the requirements of the major Classification Societies.

Description

The KRM162B or KRM162C measures the insulation, directly in milliamps, of earthed AC systems, but it can also be used in IT-systems together with a constant impedance module type MML150xx.

The instrument is fed from a suitable Core Balance current transformer (CBCT see separate datasheet).

Standard relay has a 0-150mA range with a factory set trip level of 100mA.

Larger ranges and trip levels are available, typically ranges is 0-500mA, 0-1A, 0-2A, 0-5A and 0-10A.

Relay is fail-safe and energises when powered. Link terminal 6 and 10 to make a non-latching relay.

All current carrying conductors must pass through the core balance CT. Metal sheaths or braiding on any cables must NOT be passed through the CBCT.

Dimensions

