



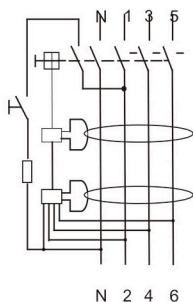
Application

Along with our life style changing and high-tech development, we already started to know and enjoy the service produced by some electrical installations contain products which incorporate power electronics, such as inverters for PV installations, speed control in HVAC, some running machines, UPS, medical equipment and charge pole for electric vehicle etc. This type of equipment can produce, in addition to standard 50Hz earth leakage currents, smooth DC and high frequency AC residual current which would not be detected by a standard AC or A type RCCB. That's why B type RCCB was born and started to be used for above equipments protections of residual currents. B type RCCB was design according to standard IEC/EN61008-1 + IEC/EN62423. In addition to normal AC, B type RCCB also can detect high frequency AC and smooth DC earth residual currents. So it is named as "universal current sensitive RCCB", which means it could be used for the widest variety of applications, these are always also designed for use under harsh ambient conditions.



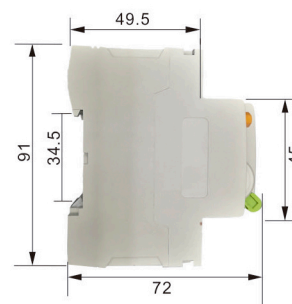
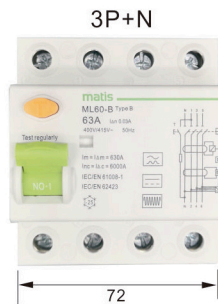
Specification

Poles	Rated Current	Type Designation
2P	25A/30, 100, 300mA	ML60-2B25/030/100/300
2P	40A/30, 100, 300mA	ML60-2B40/030/100/300
2P	63A/30, 100, 300mA	ML60-2B63/030/100/300
4P	25A/30, 100, 300mA	ML60-4B25/030/100/300
4P	40A/30, 100, 300mA	ML60-4B40/030/100/300
4P	63A/30, 100, 300mA	ML60-4B63/030/100/300



With Electronic & Electro-Magnetic Dual Protective Systems

Dimension



ML60-B B Type RCCB

Technical Data

Electrical	
Standard	IEC/EN 61008-1+IEC/EN62423
Tripping	instantaneous
Rated voltage Un	1P+N:230/240; 3P+N:400/415V, 50Hz
Rated Current	25,40,63A
Rated residual operating current	30, 100, 300mA
Wave form	B type
Rated insulation voltage Ui	500
Rated impulse withstand voltage Uimp	4000V
Rated short circuit strength Im	500(In=25/40A); 600(In=63A)
Electro-mechanical endurance	=4,000 operating cycles

Mechanical	
Frame size	45mm
Device height	72mm
Device width	54mm(2P) / 72mm(4P)
Mounting	quick fastening on DIN rail IEC/EN 60715
Degree of protection	IP20
Upper and lower terminals	open mouthed / lift terminals
Terminal protection	finger and hand touch safe
Terminal capacity	rigid conductor up to 25 mm ²
Busbar specification	0.8-2mm
Terminal fastening torque	2.0N.m
Tripping temperature	-25°C + 40°C
Resistance to climatic conditions	IEC/EN61008-1 + IEC62423

Distinguishing Features

1. Could detect not only normal AC but also high frequency AC and smooth DC residual currents.
2. High breaking capacity up to 10kA
3. With indication window for RCCB fault
4. With handle lock control system to protect from error operation
5. With protective cover for terminal screws for insulation and seal functions.
6. Auto Recloser is available to work with B type RCCB

