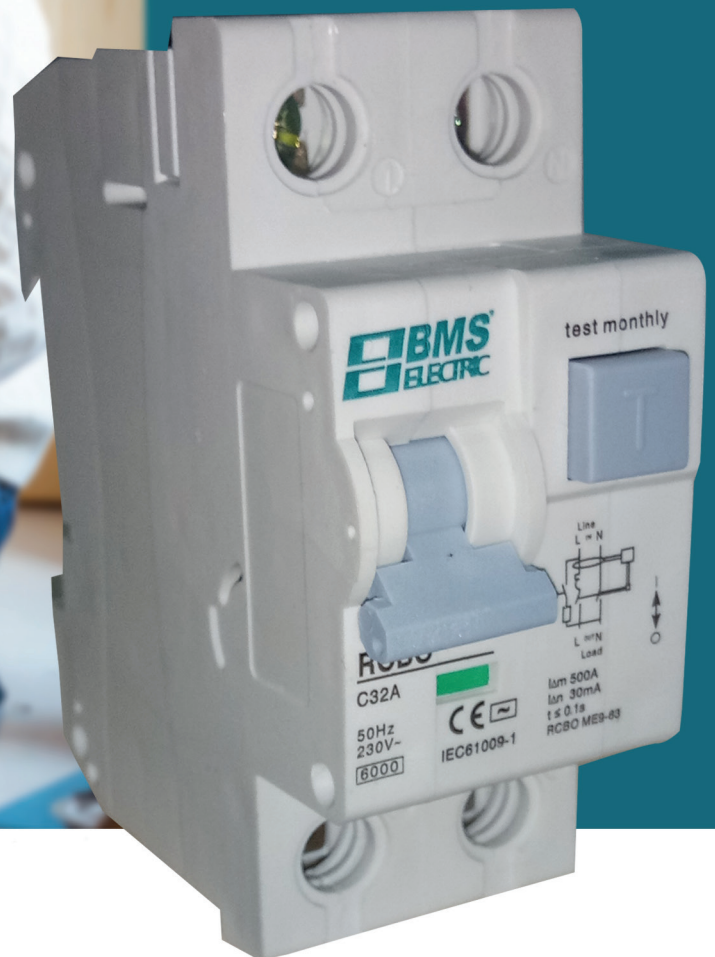


# FICHE TECHNIQUE DISJONCTEUR DIFFÉRENTIEL

## RCBO TECHNICAL DATA SHEET



### Application

DD-63 series leakage breaker is suitable for the leakage protection of the line of AC 50/60Hz, rated voltage single phase 240V, rated current up to 63A. When there is human electricity shock or if the leakage current of the line exceeds the prescribed value, it will automatically cut off the power within 0.1s to protect human safety and prevent the accident due to the current leakage.

DD-63 series leakage breaker can protect against overload and short-circuit. It can be used to protect the line from being overloaded and short-circuited as well as infrequent changeover of the line in normal situation. It complies with standard of IEC/EN61009-1 and GB16917.1.

## Basic specification and main parameters

→ Frame class	63A
Rated working voltage	240V
→ Rated frequency	50/60Hz
Rated working current	2, 3, 6, 10, 16, 20, 25, 32, 40, 50, 63A
→ Rated residual operating current	0.01, 0.03, 0.1, 0.3A
Rated residual un-operating current	$0.5I\Delta n$
→ Sensibility	A&AC Type
Maximum operating time	$I\Delta n \quad t \leq 0.1s, 5I\Delta n \quad t \leq 0.04$
→ Instant release type	B&C type
Limiting value of un-operating current	$6I_n$
→ Rated limiting short-circuit current	10000A
Pole number	1P+N
→ Mechanical life	20000
Electric life	4000

## The over-current tripping unit protection feature

Sequence NO.	Release	Test current $I/I_n$	Start state	Tripping time	Expected result
1	C	$1.13I_n$	Cold state	$t \leq 1h$	Not tripping
2	C	$1.45I_n$	Start right after the serial NO. 1 test	$t < 1h$	Tripping
3	C	$2.55I_n$	Cold state	$1s < t < 60s$	Tripping
4	C	$5I_n$	Cold state	$t \leq 0.1s$	Not tripping
5	C	$10I_n$	Cold state	$t < 0.1s$	Tripping

## Dimensions(mm)

