

LMBN-40 (PHASE LINE+NEUTRAL LINE+LEAKAGE) RCBO



APPLICABLE SCOPE

LMBN-40 RCBO is suitable to the single phase residual circuit of 50/60Hz, rated voltage 230V, as the current leakage protection and protect the civil electrical circuit from over load and short circuit and it has the features of volume small, breaking capacity high. Null/live wire is cut at the same time, and even the wire is reverse connection, it still have current leakage Protection. The product conforms to standards IEC1009.1,GB16917.1etc.

TECHNICAL PARAMETER

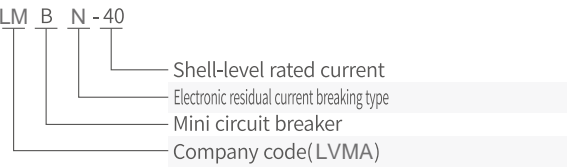
Rated voltage(V)	Pole	Shell-level rated current(A)	Rated current(A)	Rated breaking residual current(mA)	Rated not breaking residual current(mA)	Breaking time of rated residual current(s)	Breaking Capacity (A)
230(220)	1P+N	40A	6,10,16, 20,25,32,40	10、30、100	0.5I△n	≤0.1	6000

Remark:wiring is terminal with clamp, cable dia.:10mm²below available for hard cable.

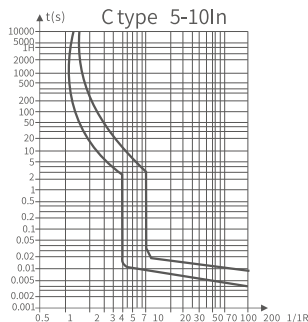
CURRENT RELEASE CHARACTER DIAGRAM

(A) Test current	(A) Rated current	Requested time	Result	Start station	Remark
1.13In	All	t≤1h	Don't trip	Cool	Current ascends the requested value stably in 5s
1.45In		t<1h	Trip	Heat	
2.55In	In≤32A	Is<t<60s	Trip	Cool	Auxiliary switch closed and power on
2.55In	In>32A	Is<t<120s	Trip	Cool	
5In	All	t≤0.1s	Don't trip	Cool	
10In		t<0.1s	Trip	Cool	

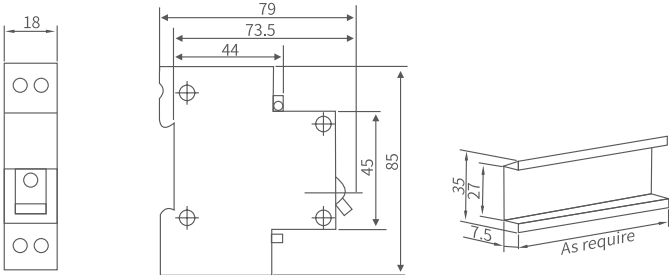
TYPE MEANING



BREAKING CHARACTERISTIC CURVE



OUTLOOK AND MOUNTING SIZE



- Application guidelines:
1. Press the test button once a month, check leakage protective device.
  2. When the leakage protective device, the device on the obverse of the red machine instructions.
  3. When reclosing circuit breaker, the protection device reset automatically.