

MINIATURE CIRCUIT BREAKER (MCB)



A. MCBs (0.5A to 63A): We deals with L&T MCBs are equipped with label holder for easy identification of circuit during operation as well as in maintenance. If fault occurs, the Rapid Arc Quenching mechanism in modular device operates and extinguishes the arc quickly (within 3-5 msec), ensuring lowest possible energy flow through the circuit. A miniature circuit breaker (MCB) automatically switches off electrical circuit during an abnormal condition of the network means in overload condition as well as faulty condition. Nowadays we use an MCB in low voltage electrical network instead of a fuse. Handling an MCB is electrically safer than a fuse. There are four type of MCBs available in our stock such as Single Pole, Double Pole, Three Pole & Four Pole MCBs. The capacity range of these MCBs are 0.5A to 63A.

MCBs (0.5A to 63A)	
Item	MCB
Make	L&T
Capacity Range	15 kA (upto 40A)
	10 kA (50A & 63A)
Rated Voltage	130V DC (for SP)
	250V DC (for DP)
Breaking Capacity	6kA

Rating	Modules			
	Single Pole	Double Pole	Three Pole	Four Pole
0.5A	1	2	3	4
1A	1	2	3	4
2A	1	2	3	4
3A	1	2	3	4
4A	1	2	3	4
6A	1	2	3	4
10A	1	2	3	4
16A	1	2	3	4
20A	1	2	3	4
25A	1	2	3	4
32A	1	2	3	4
40A	1	2	3	4
50A	1	2	3	4
63A	1	2	3	4



Single Pole MCB



Double Pole MCB



Three Pole MCB



Four Pole MCB



AUMSHIVAY ENGINEERING PRIVATE LIMITED

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Features:

- MCBs conform to IS/IEC 60898 with short-circuit breaking capacity of 10kA throughout the range.
- MCBs conforms to IEC 60947-2 with short-circuit breaking capacity.
 - 15kA (up to 40A)
 - 10kA (50A & 63A)
- DC MCBs conforms to IEC 60947-2.
 - Rated Voltage: 130V DC (for SP), 250V DC (for DP) with breaking capacity of 6kA.
- True contact indication in MCBs and Isolators enhancing safety by reflecting actual contact status.
- Label holder in MCBs for easy circuit identification.
- Complete range of RCCBs from 25A to 100A with 30mA, 100mA and 300mA sensitivity with ISI mark.
- Isolators available in DP,TP and FP from 40A to 100A with utilization category of AC-22A.
- Range of Controlling and monitoring devices.
 - MCB accessories: Auxiliary Contact, Trip Alarm Contact, Shunt Release.



Short Circuit Fault Indications

Quick Connect Design

True Position Indication

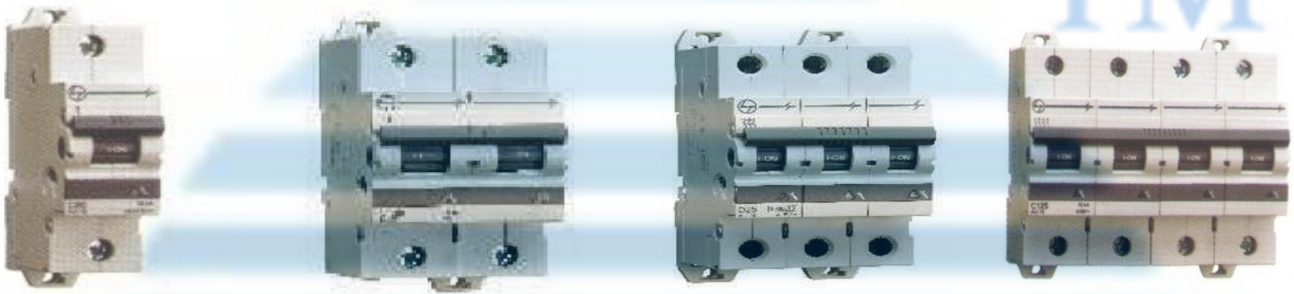
Specifications

Short Circuit Fault Indications	Indicates that the MCB has tripped a on short-circuit fault
	Clear indication by amber coloured flag
	Easy detection of occurrence of a short-circuit fault
	Faulty phase detection in multi-pole MCBs
Quick Connect Design	Clear differentiation between overload and short-circuit fault
	Both, flexible and rigid wires can be terminated by sliding them along the termination groove; no tool required for terminating the rigid wire
Lowest Watt Loss	Reduces installation time.
	MCBs from AU Solutions offer the lowest watt loss in the industry.
True Position Indication	On an average, the watt loss values are almost 55% lower than those prescribed by IEC, and are the lowest among its kind of products.
	Knob indicates actual position of the contacts inside.



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A. MCBs (80A to 125A); We also dealing with L&T MCB's are used in small scale premises and domestic dwellings and anywhere needed to control the distribution and supply of electrical power. They offer an efficient way to manage the electrical circuit of a house or of an entire building. They are commonly used these last few years and they come in a refined design, able to provide reliable and effective protection of the circuit. They are a safe and dependable solution for the proper management of the electrical circuit. These are available for a capacity range from 80A to 125A for final distribution offer a unique blend of safety, convenience and performance.



Rating	Modules			
	Single Pole	Double Pole	Three Pole	Four Pole
80A	1.5	3	4.5	6
100A	1.5	3	4.5	6
125A	1.5	3	4.5	6

Features:

- Short circuit Breaking Capacity – 15kA (IEC 60947-2, EN 60947-2).
- C&D Curves.
- Available in SP, DP, TP and FP.
- Suitable for Isolation.
- Protection Degree – IP 20.
- Availability of wide range of Site Mountable Accessories.