





*Trip*per[®] Modular Devices

L&T Tripper - the assurance of absolute safety

IEC/EN
IS
ISI/CE
KEMA

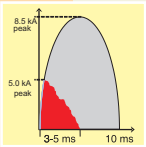
Tripper modular devices spell world class

Tripper products conform to relevant global standards viz., IEC, EN and IS. They also have CE /  marking and KEMA  certification.



Safety re-defined

Finger proof terminals eliminate chances of accidental contact with live parts. You can install, operate and maintain Tripper with total confidence.



Energy limiting class - 3

If fault occurs, the Rapid Arc Quenching mechanism in the Tripper operates and extinguishes the arc quickly (within 3 - 5 msec), ensuring lowest possible energy flow through the circuit. This minimizes risk of fire and maximizes life of your equipment.



Safety meets superior aesthetics

Ergonomically designed, profiled for superior cooling and manufactured with fire retardant material. Elegant Tripper is brought to you keeping in mind utmost user safety.



Key Benefits



True contact indication

Tripper range enhances safety through true contact indication even from a distance regardless of its mounting and knob position. Red and Green indication provided below the knob positively identify the electrical ON/OFF status & reflects actual contact status.



Innovatively profiled breathing channels

When two or more poles are placed adjacent to each other, the breathing channels are so profiled that the air circulates around individual pole, resulting in cooler operation. Tripper range operates coolest year after year.



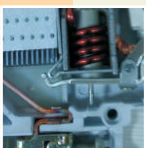
Large terminal size and Dual termination

Tripper can easily accommodate cables of up to 35 sq. mm. The terminals are designed to facilitate termination of cable or bus bar or both on incomer side. Tripper terminals offer simple termination flexibly.



Two position DIN rail clip

Installation on a DIN rail is further simplified with a two-position DIN rail clip as a standard feature. Tripper range makes mounting on a standard DIN rail more convenient than most.



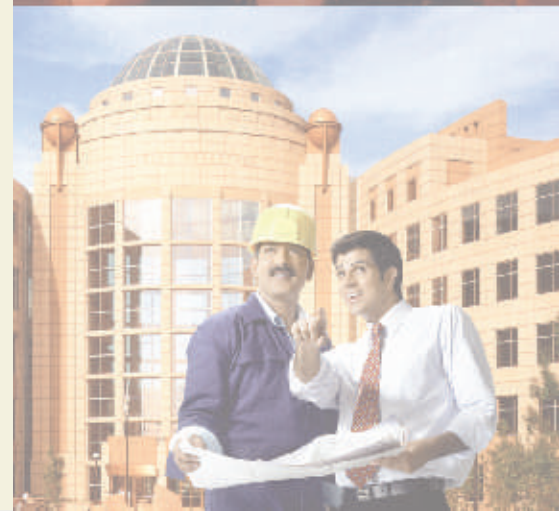
Non-welding contacts

Silver Graphite contact tips ensure higher life and maximum safety against contact welding due to its superior anti-welding properties, enhancing safety and life of the system.

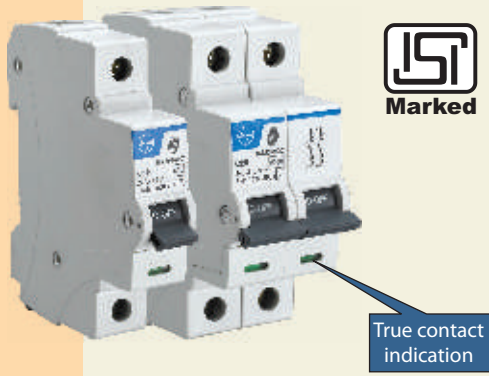


Combihead screw

Tripper range of products provided with combihead screws, allow you to use standard as well as Philips screwdrivers. Tripper range addresses your unstated needs.



Miniature Circuit Breakers (MCBs)



MCB is a vital protection device. It is essential in every electrical installation to safeguard both your life and valuable property against short circuit & overload.

- ◆ Conforms to IS/IEC 60898-1:2003 & EN/IEC 60898-1:2003 with CE marking & KEMA certification
- ◆ Breaking capacity of 6kA throughout the range
- ◆ Available in C curve in SP, DP, TP & FP versions from 6A to 63A rating
- ◆ Low watt loss - almost 50% of the values prescribed by IEC 60898-1:2003
- ◆ Trip free mechanism
- ◆ Design based on advanced current limiting hammer trip principle
- ◆ No Line-Load bias



Earth Leakage+Miniature Circuit Breakers (EL+MCBs)



Combination of ELCB & MCB (EL+MCB) at the price of ELCB, offers 3 in 1 protection against - overload, short circuit and earth leakage.

- ◆ Conforms to IS 12640 (Part 2): 2008 & EN/IEC 61009 - 1:1996
- ◆ Available in SPN & TPN versions from 6A to 63A ratings with 30mA or 100mA or 300mA sensitivity
- ◆ Saves human life from Electric shock and protects building from fire
- ◆ Quality assured by Test Certificate provided with each EL+MCB
- ◆ Easy fault identification - Both knobs come down for earth leakage tripping & only MCB knob comes down for over current tripping
- ◆ Truly current operated - operates even at nominal 1 volt





Terminals suitable upto 35sq.mm Cable

Isolators are used in electrical installation to MAKE, CARRY and BREAK circuit current. The Isolator ensures that there will be no current at the load side even if impulse voltage appears when the Isolator is OFF.

- ◆ Conforms to IS/IEC 60947-3:1999 & EN/IEC 60947-3:2008 with CE marking & KEMA certification
- ◆ Suitable for AC22-A utilization category
- ◆ Available in DP, TP and FP versions in 40A and 63A ratings



Distribution Boards - Tripbox



- ◆ Available in aesthetically superior Ivory colour to suit the interiors of buildings and can be supplied in different colours for bulk requirement
- ◆ Distribution boards are suitable for flush and surface mounting
- ◆ Ready to use DBs - provided with 100A phase busbar, Earth / Neutral bars and inter connecting wires as standard
- ◆ Provided with removable top and bottom gland plates with adequate knockout for easy wiring
- ◆ TPN DBs will have provision to accommodate 6 MOD incomer
- ◆ For bottom entry, Neutral bar can be shifted to bottom for comfortable wiring
- ◆ Double door construction with removable front plate enables easy installation
- ◆ 4W & 6W TPN Phase Selector Double Door DBs are available with 3 Nos. Salzer made 40A Selector Switch
- ◆ Light weight integral design
- ◆ Degree of protection is IP30 & IP43
- ◆ DIN channel for easy mounting

Product improvement is a continuous process. For the latest information and special applications, please contact us.

L&T SWITCHGEAR
SAFE & SURE

Electrical Standard Products
Larsen & Toubro Limited
Powai Campus, Mumbai 400 072
Customer Interaction Center (CIC)
BSNL / MTNL (toll free) : 1800 233 5858
Reliance (toll free) : 1800 200 5858
Tel : 022 6774 5858
Fax : 022 6774 5859
E-mail : cic@LNTEBG.com
Website : www.LNTEBG.com

