



Current limiter device (CLD)

The current limiter device (CLD) is an electronic accessory that disconnects automatically after exceeding a current value preset at the factory at (5, 10 or 20Amps), reconnecting after 10 seconds. If the overcurrent persists it will disconnect again and continue retrying to connect every 10 seconds until the current overload is ended.

It has three main applications:

1.-It has been used in many countries to replace the use of a meter, mainly in rural areas of low consumption where users pay a fixed fee instead of measured service. This is more economic for the utility than instead sending personnel to take readings in remote areas where the meters are often tampered by the users.

Due to its compact design it can be installed at the top of a pole singly or several CLD within a junction box.



2.- In other cases it is used in conjunction with a meter to prevent the theft of energy limiting the total current to the service entry.



3.- It is also used in the public lighting network to prevent people from stealing energy from the lamps, or from a low voltage open distribution network, thieves are commonly street vendors found outside subway stations, fairs, etc..



Benefits:

-Prevents the theft of the Energy

-It controls the maximum demand of the distribution network to avoid overloading the transformer

-economical design, durable up to 20 years, if the user purchases a higher current capacity just replace the device for another with higher capacity, no rewiring is necessary.

It can operate over a wide range of voltages 85-305v, it also contains a surge protector MOV of 360 Joules.

It has different applications according to the needs of the utility company, either to replace the use of a meter or work together with it to prevent illegal connections.

Model	Range of voltage	Current (Amps)	Tolerance of Current	MOV surge protection-joules
CLD- 5	85-305	5	5%	360
CLD-12	85-305	12	5%	360
CLD-20	85-305	20	5%	360

Other sizes available upon request.

For more information please contact with:

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