

NEWSLETTER

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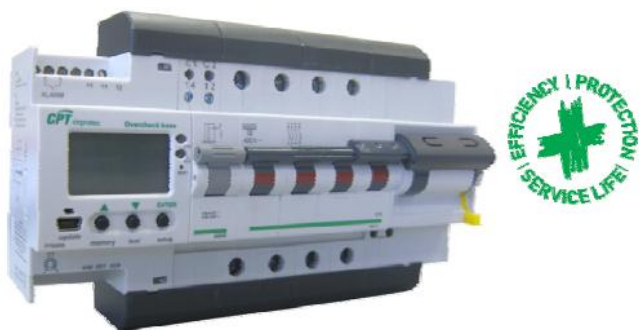


Overcheck Units

New Range of Line Control Units: Over-voltage and under-voltage protection along with automatic reclosing earth leakage, shortcircuit and overload protection

CPT Cirprotec, the experienced specialist in lightning, surge and over-voltage protection, presents the new overcheck range of line control units. These systems are intended for advanced control of power supply lines protecting equipment from permanent (TOV) over-voltages and under-voltages.

Permanent Over-voltages (also known as temporary over-voltages TOV) are voltage increases of hundreds of volts, usually caused by an imbalanced neutral point in a three-phase distribution system, where compensation between phases is therefore no longer assured. The loss of the neutral wire is the most common cause for these over-voltages and under-voltages, which may cause any damage from early aging to total equipment destruction, even setting the installation in fire.



First Power & Surge Protection Ltd

*Electronic Lightning & Surge Protection,
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The **Overcheck** Line Control Unit provides protection against:

1. Permanent over-voltages (TOV) and under-voltages (programmable thresholds)
2. Phase-sequence errors
3. Earth leakages (RCD, class A): built-in self-reclosing earth leakage control relay RCD
4. Short-circuits and overloads (MCB: 6A to 63A)

Overcheck is supplied all wired (plug-and-play) equipped with a main MCB in order to guarantee proper disconnection of the downstream installation in case of a permanent over-voltage (TOV) or under-voltage. This system is self-reclosing for safe automatic reconnection once the hazard is over.



The system is also supplied with default programs (sets of parameters) and the configuration can be locked w/PIN and PUK.

Overcheck has evolved to a new and most compact and featured device, fully programmable and available both for 1-phase and 3-phase networks. It is moreover is featured with alarms: end-of-reconnection-cycle, MCB status error, log of errors (datestamp, error).

The **Overcheck** line control unit allows software update via mini-USB. The system is also equipped with an expansion slot/port. Overcheck will thus be upgradable with future developments and features in order to meet new scenarios for this advanced line control unit.



Single-phase (9 DIN modules) and three-phase (12 DIN modules) systems.

With this new overcheck range, Cirprotec makes a yet another contribution to improving quality, electrical safety and continuity of service in installations



Please do not hesitate to contact us regarding any of our services / products or if would like to receive one of our brochures, either contact us by e-mail or telephone.



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