

Protection of electrical appliances

According to regulations (ELOT - European Standard EN 50160/2000), voltage disturbances, such as occasional voltage sags or voltage interruptions, over voltages etc, are inevitable since they are due to natural phenomena (e.g. lightning, falling trees), unexpected faults, third parties interventions and to other unpredictable external causes. For the above mentioned reasons:

1. PPC, following the international policy, undertakes all possible measures to minimize the consequences from possible voltage fluctuations (network inspections, lightning arresters installation, tree pruning, etc).
2. Manufacturers of electrological and particularly of electronics equipment are obliged to be in accordance with the European directives on Electromagnetic Compatibility regarding the design and testing of their products.
3. Customers can establish the necessary protective devices (supervisors, voltage stabilizers, continuous power supply systems, etc) in their electrical installation, so as to prevent damages or malfunction in the operation of their appliances, if these appliances do not include such devices.