

Somfy Insteon to RTS Operational Description

INSTEON™ is a powerful, wireless home-control networking technology that simply, affordably and reliably integrates systems in the home for improved comfort, safety, convenience and value.

Applications

- Scene and remote control lighting
- Security alarm interfaces and sensors
- Home sensors (e.g. water, humidity, temperature)
- Access control (e.g. door locks)
- Heating and cooling (HVAC) control and management
- Audio-video control
- Appliance management
- Energy savings

Network Topology

INSTEON is a robust, redundant dual-mesh network that combines wireless radio frequency (RF) with the home's existing electrical wiring. INSTEON is less susceptible than other single band networks to the kind of interference and noise commonly encountered within the home.

INSTEON leverages the latest digital technology to create a true peer-to-peer mesh network. Because all INSTEON devices are peers, they do not require network supervision, so complex network controllers and routing tables are not required.

The Insteon to RTS interface is an add-on module in an Insteon network. It accepts standard Insteon commands and converts them to RTS commands. It receives Insteon power line carrier commands and transmits RTS based on those received commands.

The device is activated automatically. Transmission ceases in less than 1 sec after activation.