Telecontrol+ (MTC+) module

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Introduction

The Teldat Telecontrol+ Module allows you to control the power supply of remote devices. It is very useful for restarting critical machines (such as remote cash machines) when they are in a shutdown state or for controlling lights or mains-powered machines remotely.

The Telecontrol+ Module (MTC+) is a peripheral device for a Teldat router, managed out of band since it only connects to the console port of said router. And because the device does not need an Ethernet connection, it does not consume infrastructure resources or require human intervention for implementation. Nor does it interfere with the network.

Destacar

- **High reliability**
- **No port required on the switch or IP address**
- **Manages up to 16 devices with a single router**
- **Dual electromechanical switch**
- **Compatible with 110/220 V and worldwide sockets**
- **Fully manageable via text or SNMP commands**
- **Supports high voltages and reactive loads**

Interfaces

Asynchronous serial control port	Connection to the router
Control output port	Connection to the next device
110/220 V power supply	Input power
Controlled current output	Managed device connection

Competitive Advantage

Highly reliable	It does not include an operating system or IP layer, only the electronic control device, so it is immune to software failure and totally stable.
No Ethernet or IP address required	It does not require switch ports. No need to reserve/administer an IP address. Works independently of the network, thus providing you with more security.
Controls up to 16 devices per router	It is has an input control port and an output control port, to cascade MTC+ modules without taking up Ethernet/IP resources.
Dual electromechanical switch	Relay-based systems generate internal sparks that end up burning the contacts. The MTC+ electronically cuts the current before the relay is tripped.

Key Features

- **Improved reliability when downloading network tasks** It does not include an operating system or IP layer. It simply integrates the electrical control system. This makes it extremely reliable.
- **Dual mechanical and electronic switching** Unlike other mechanical control devices (relays), the current is electronically cut off when it passes through zero without producing countercurrents or sparks, thus maximizing useful life and minimizing faults.
- **Compatible with 110/220 V and wordlwide sockts** The voltage setting is selected in the device itself and standard outlets are used with independent cables, allowing the device to be used all over the world.
- **Supports high voltages and reactive loads** The design of the internal electronic control mechanism is such that it allows management of large, reactive power loads, making it especially useful in adverse environments.
- **No Ethernet connection required** In addition to the obvious savings in network Ethernet ports, it facilitates installation and increases reliability by becoming independent from the status of local network.
- **Multi-unit cascading(up to 16 devices)** Multiple serial devices can be managed via the control port without using additional Ethernet ports.
- **Fully controllable by text or SNMP commands** The device receives commands sent to the reouter from a control center via console or SNMP, which means it can be integrated into automated systems.

CARACTERíSTICA TéCNICA DEL HARDWARE

Control interfaces

One asynchronous port on an RJ11 input interface
One asynchronous port on an RJ45 input interface for cascading connections
Rotary selector

Dimensions and weight

Length x Width x Height: 140 x 115 x 60 mm
Approximate weight: 0,350 Kg
Format: desktop

Reset button

The reset button restores default settings

Permitted load

1100w at 220v, 550w at 110v
5 A protection fuse

LEDs

1 x power indicator LED
1 x controlled output status indicator LED

CARACTERíSTICA TéCNICA DEL SOFTWARE

Control procedure

Asynchronous communication between the router and cascade devices.
The router receives commands from the console or via SNMP
The router forwards the commands to the asynchronous interface

CARACTERíSTICA TéCNICAS ADICIONALES

Scenarios

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