Total Lighting Control

Remote Control Switch Converter

DESCRIPTION

The Remote Control Switch Converter *is an intelligent component for simple lighting control. It provides 12 individual switch inputs and one Master input for a group of 12 relays. Each input will accept any 2- or 3-wire switch. The RCS12 converts any switch input to a momentary output to drive the corresponding relay(s). Each output can drive up to three relays in parallel.*

The RCS12 should be installed in a lighting automation panel or an accessory cabinet as detailed on the following page.

FEATURES

- *12 individual relay outputs, with up to 3 relays wired in parallel per output.*
- *12 individual switch inputs (one per relay) and one Master input.*
- *Inputs accept any 2- or 3-wire switch (dry contact).*
- *Master ON/OFF control for group of relays while retaining individual switch override.*
- *Additional control of subgroups by tying any combination of inputs together.*

Before starting, read the installation instructions inside. If you have questions call GE Service at:

1-877-584-2685 (USA) or 1-800-661-6619 (Canada)

CAUTION: The power supply must be OFF when inserting or removing components. These instructions assume the panel has a standard cover which exposes both line-voltage and low-voltage sections. The line-voltage sections must be covered to avoid exposure to live high-voltage wiring.

INSTALLATION

There are two recommended ways to install the RCS12 Remote Control Smart Sweeper — in a Lighting Automation Panel (LAP) or in an Accessory Cabinet near a Lighting Automation Panel

Installation in a Lighting Automation Panel

A complete LAP assembly includes the following TLC components:

Tub	***RTUB12, -24 or -48***
Cover	***RCOV12xx, -24xxx or -48xxx***
Interior	***RINTER0012RC, -0024RC or -0048RC****
Power Supply	***RPWRxxx***
Relays	***RR7P or RR9P***

** RINTER0012RC and -0024RC accept one RSP12, RINTER0048RC accepts one or two*

Details for assembling a complete Lighting Automation Panel are outlined separately in the RINTER installation instructions. Once the panel is assembled and relays are connected to the motherboard, the RCS12 may be installed.

Basic Installation Steps

1. *Mount the RCS12(s) on the panel accessory bracket.*
2. *Wire 24V rectified power from the panel motherboard to the blue and white power input tabs on the RCS12.*
3. *Wire red and black connections for each relay from the panel motherboard to relay outputs on the RCS12.*
4. *Wire any 2- or 3-wire switch to the individual switch inputs and/or the Master switch input on the RCS12 (not on the panel motherboard).*

Installation in an Accessory Cabinet near the LAP

Accessory cabinets with covers include:

RBS1	*Accepts one (1) RCS12*
RBS2	*Accepts two (2) RCS12s*

Mount the RCS12 in the accessory cabinet and wire the same as above.