W-2000

Lighting Control Networks

Introducing the *élan* series:

quality, attractive data line & 2-wire switch stations designed to enhance any decor

DOUGLAS
lighting controls

W-2000 Digital and Hardwired Low Voltage Lighting Controls

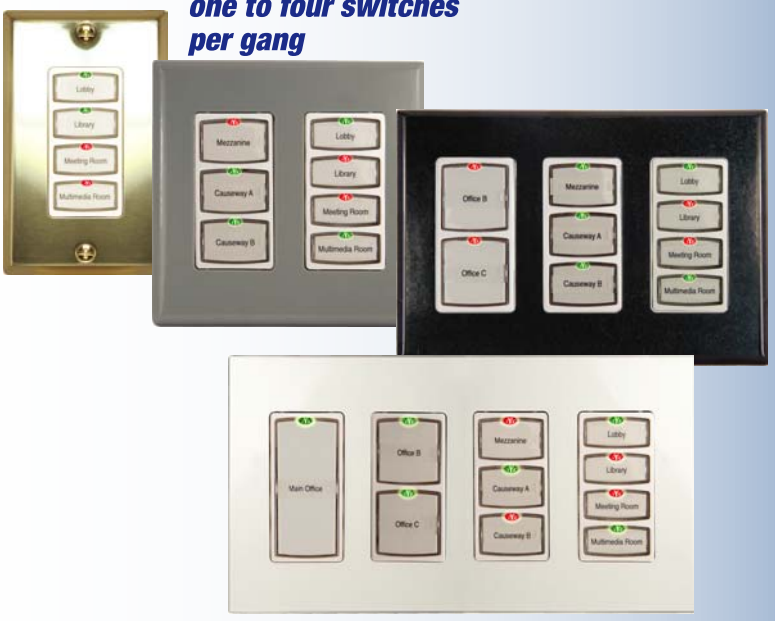
Digital and Hardwired Switch Stations

Switch plates are available in stainless steel, as well as white single or multiple gang, screwless plates. Additional 'élan' style colors are available through standard distribution channels.

Push buttons are large, attractive tactile devices with integral LED relay status indicators and a unique labeling system.

Accessory modules in various configurations and fluorescent dimming controls are available.

one to four switches per gang



the *élan* series

0-10VDC fluorescent dimming controls

security key modules

Douglas *élan* series Switches

digital ***hardwired*** ***digital*** ***hardwired***

easy field labeling ***color-coded compression screw terminals***

Top-quality, attractive low-voltage switch stations available in single or multiple gang configurations.

Douglas 'Digital' switch version available with FTT-10 transceivers and connections for 4-conductor cable.

A unique labeling system allows for user-definable switch identification.

W-2000 Digital Lighting Control Networks

The relay panels are interconnected with a 2-conductor data line. This forms the backbone of the W-2000 system which provides a unique address point for each relay.

The W-2000 family of products uses the *LonWorks* technology platform to provide an open standard, non-proprietary protocol for your lighting control system.

Other building automation systems that support lighting controls can integrate the Douglas W-2000 panel network as part of their system.

Douglas W-2000 Digital Lighting Control Networks can be:

- **Linked to a Building Automation System**
  A W-2000 network can be tied into a BAS that utilizes *LonWorks*. W-2000 relay panels are also available native BACnet-ready.

- **Configured by a Douglas WNP-2150 Network Manager**
  The Douglas Network Manager's settings are viewed and edited with a standard Internet browser. Telephone access is also available for remote programming.

- **Self-Configured as a Douglas Stand-Alone Network**
  A Douglas "stand-alone network" incorporates a full-function network manager. The digital network can be 'free topology' or serial bus connected.

DOUGLAS lighting controls

Douglas Network Lighting Control Scheduler

The Scheduler provides the link for control and programming of a W-2000 network by a PC.

Scheduler features include view & edit relay groups with a PC via any standard Internet browser. Access is provided by a direct connection or via the Internet. Full scheduling capability for weekly, holiday and special event formats.

Schedules support Flick Warn, Time Out, Delay OFF, Cleaning Mode and many other features. The system logs the last 255 events and permits diagnostics.

Douglas WNP-2150 Network Manager

The WNP-2150 Network Manager connects to the lighting control panels via the LonWorks data signal. The scheduler is contained within the WNP-2150 and is accessed by a PC that has an Internet browser installed.

Connection to the WNP-2150 from a PC or LAN is via an ethernet connection. The WNP-2150 can also be accessed by an optional telephone modem.

Douglas Low Voltage Switches

Douglas Data Line Switches

WNS- 2301 (1device/1gang)
WNS- 2302 (2device/1gang)
WNS- 2303 (3device/1gang)
WNS- 2304 (4device/1gang)

Douglas 2-Wire Switches

WR- 8601 (1device/1gang)
WR- 8602 (2device/1gang)
WR- 8603 (3device/1gang)
WR- 8604 (4device/1gang)

Douglas Photo Sensors

WPS-5533/WPS-5527

Photo sensors connect directly to a Satellite Panel, varying local output light levels in response to changing ambient light levels during the day.

WPS-5941/WPS-5951

Photo sensors connect into the W-2000 Network, for system-wide switching utilizing photo controls embedded in the WNP-2150.

Douglas Occupancy Sensors

The Douglas WRM-5104 Ceiling-Mounted PIR Occupancy Sensor monitors a 360^{0} detection zone within a room with eight- to twelve-foot ceilings.

The sensor's fresnel lens rotates and swivels to allow fine tuning of PIR detection zones. The control switch under the front cover allows for ON/OFF or OFF only mode and an adjustable 'TIME OUT'/sensitivity slider.