

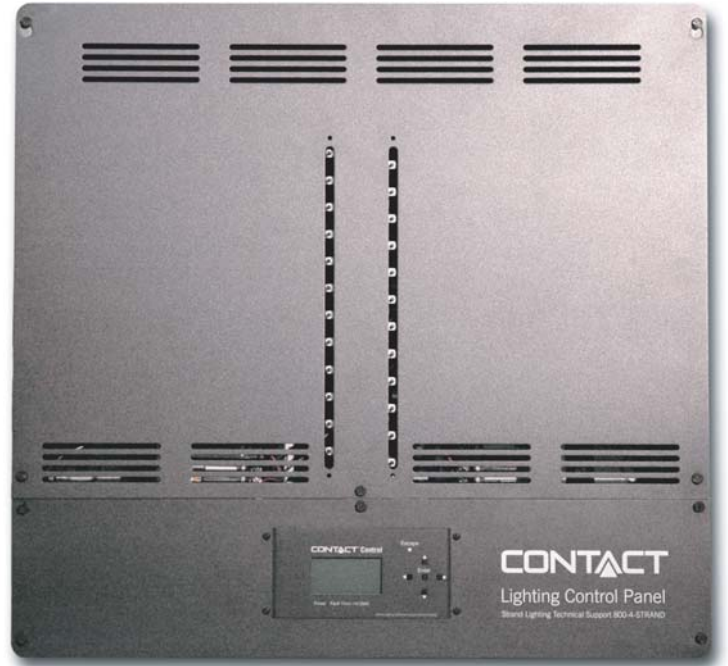
CONTACT

Relay Panels

Contact Relay Panels come in four panel sizes for 12, 24, 36 and 48 relay variants. Contact Relay Panels are ideal for a wide range of control and energy management applications.

The system's integrated clock provides full astronomical time control for hundreds of events with full day-of-the-week and calendar scheduling. The integrated flash warn feature provides visual warning of any timeclock control action.

Contact is easy to set up and configure with a simple walkaround interface for connecting control stations to relays, as well as a computer-based configurator for advanced installations.



Contact Relay Panel

Features

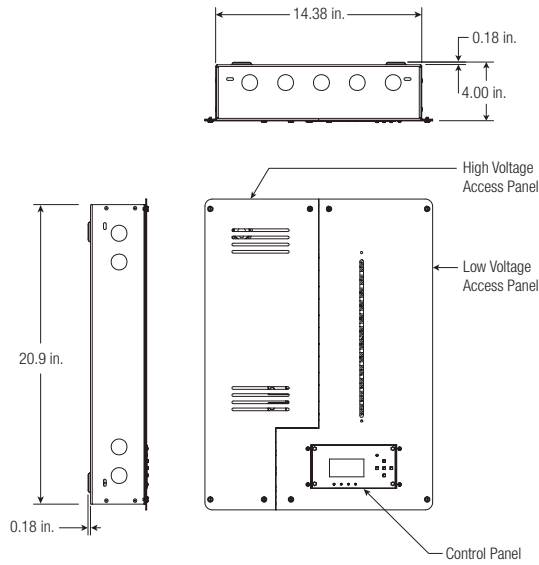
- Recessed or surface-mount relay panel
- Individually fed branch circuits or 3-Phase MLO power options
- cCSAus Listed
- Space for 12, 24, 36 or 48 relay poles per enclosure
- Single and Double pole relays rated for 20 amps 120, 230, 277, and 347 volts
- Vision.net control station support
- DMX512 Input
- Optional ShowNet Ethernet
- Astronomical clock
- Active Power Management is an available option on all Contact relay panels with integral circuit breakers
- Local control of all relays
- Password protected LCD screen and pushbuttons makes easy system configuration, or configure via your personal computer
- Master - Slave operation one rack processor can run up to 96 relays or dimmers
- Cabinets may be linked to A21 dimmer racks to provide a fully integrated solution
- Barriers available for systems fed from breaker panels to allow for 120/277 volt feeds

PHILIPS
Strand Lighting

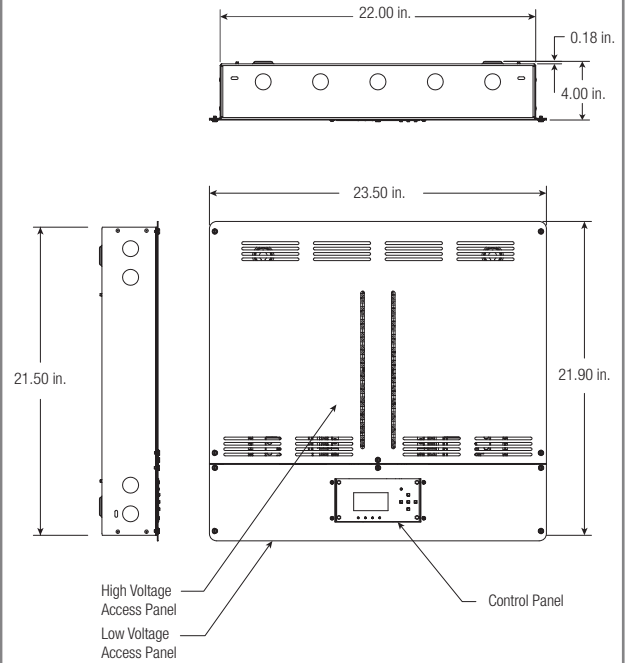
SPECIFICATION SUBMITTAL

CONSULTANT: <input type="text"/>	PROJECT NAME: <input type="text"/>	MODEL NUMBER QUANTITY: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
DATE: <input type="text"/>	PROJECT NUMBER: <input type="text"/>	APPROVED BY: <input type="text"/>

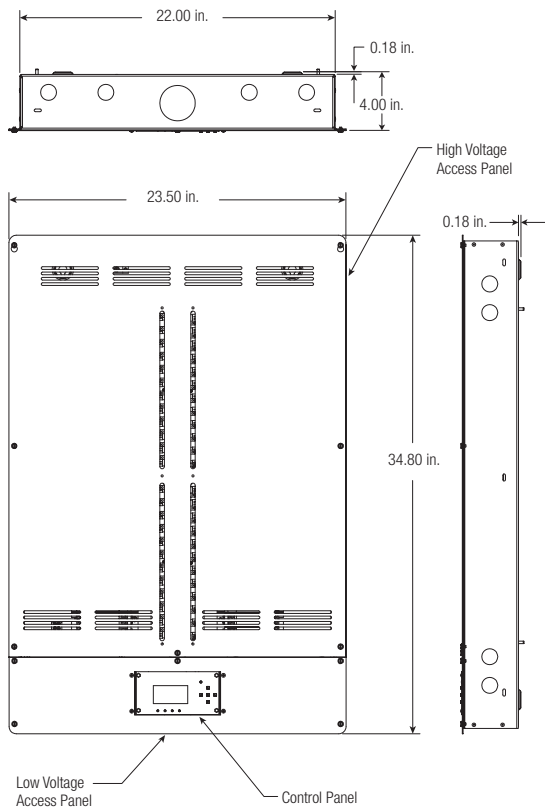
12 Circuit Relay Panel



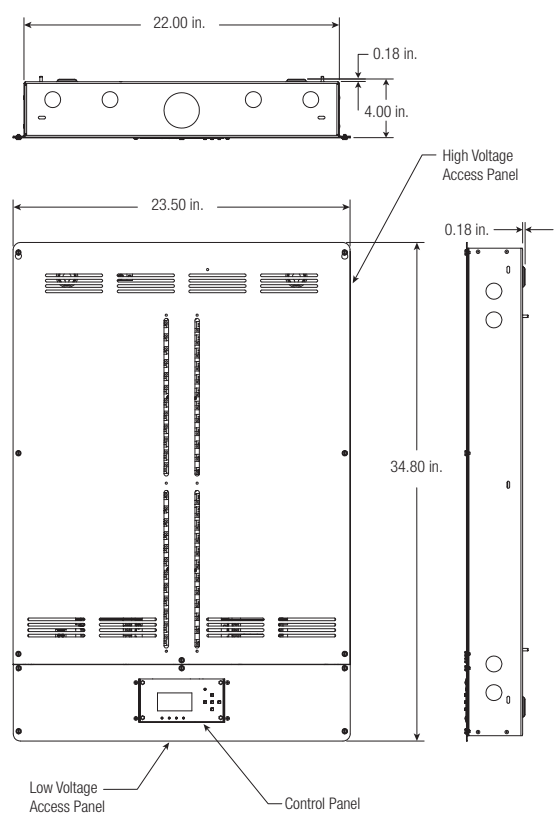
24 Circuit Relay Panel



36 Circuit Relay Panel



48 Circuit Relay Panel



Strand Lighting Active Power Management Technology

Contact Relay panels with integral breakers support Active Power Management technology. Relays with Active Power Management sensors installed will report load status and may have a maximum load set on a per relay basis in one amp increments. Active Power Management can be installed in blocks of four relays.

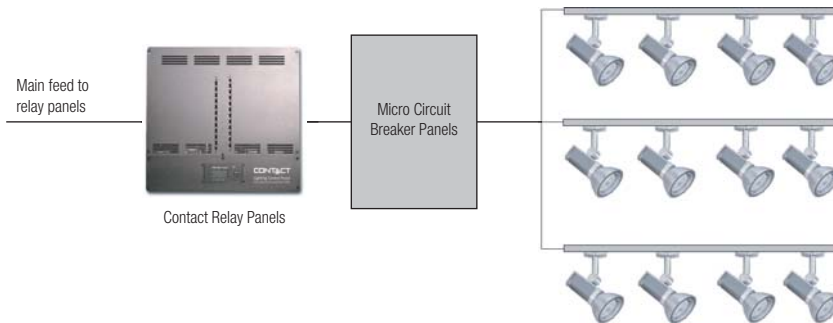
Active Power Management allows designers to securely set limits on circuits to meet watts per square foot requirement on track lighting and other circuits to meet energy conservation codes. Once a circuit has a load limit set at commissioning the limit cannot be changed. Load monitoring and status reporting is also a standard feature of Active Power Management allowing a facility to dynamically monitor and adjust lighting loads.



Vision.net Stations and Sensors

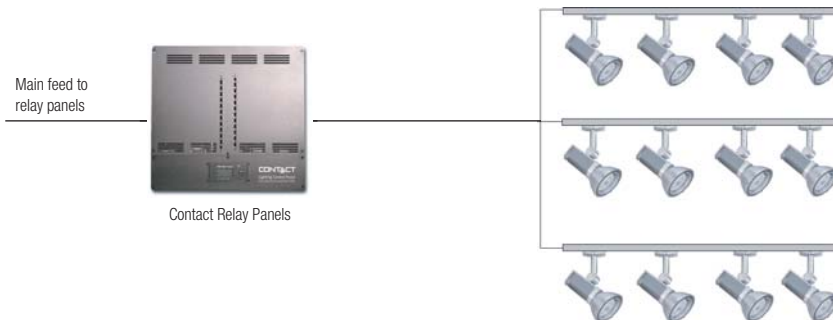
Connecting Contact to our popular range of Vision.net controls will allow system designers to create and operate easy-to-use lighting systems that fully integrate local control with occupancy sensors and photo cells.

Lighting Control without Active Power Management



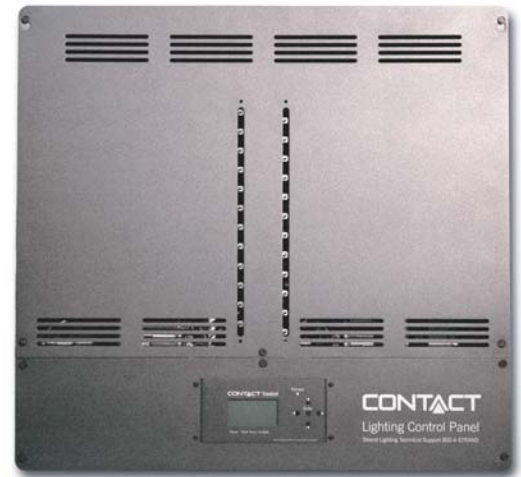
Lighting Control without Active Power Management	
2-Wire Branch Circuit Terminations	
Contact Relay Panels	72
Micro Circuit Cabinets	144
Track Lighting	72
Total Terminations	288

Lighting Control with Active Power Management



Lighting Control with Active Power Management	
2-Wire Branch Circuit Terminations	
Contact Relay Panels	72
Track Lighting	72
Total Terminations	144

Contact Relay Panel



Ordering Information

Cat No. Description

Contact Relay Panels

Contact Relay Panels - individually fed ^{(1), (3)}

76910	Relay Insert Panel, 12-circuit
76911	Relay Insert Panel, 24-circuit
76912	Relay Insert Panel, 36-circuit
76913	Relay Insert Panel, 48-circuit

Contact Relay Panel Power Modules with 3-phase input and breakers for 120 volt power supplies ^{(1), (2), (3)}

76921C	Relay Insert Panel with Breakers, 24-way
76922C	Relay Insert Panel with Breakers, 36-way
76923C	Relay Insert Panel with Breakers, 42-way

Contact Relay Panel Power Modules with 3-phase input and breakers for 277 volt power supplies ^{(1), (2), (3)}

76931C	Relay Insert Panel with Breakers, 24-way
76932C	Relay Insert Panel with Breakers, 36-way
76933C	Relay Insert Panel with Breakers, 42-way

Contact Relay Panel Enclosures

CONBOX-1	Enclosure for use with 76910 insert
CONBOX-2	Enclosure for use with 76911 insert
CONBOX-3	Enclosure for use with 76912 / 76913 / 76921C / 76931C inserts
CONBOX-4	Enclosure for use with 76922C / 76923C / 76932C / 76933C inserts

Contact Relay Panel Options

Control Options

76960	Master Control Option
76961	Auxiliary Control Option (operates with a master panel)
74161	Ethernet Control Module
76924	UL 924 Kit
76990	Barrier Kit

Relay Options

76991	Relay, 1-pole
76992	Relay, 2-pole (occupies two slots)

377V Power Supply Option

76952	277/347V Power Supply for control electronics
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Circuit Breaker Options

76966	Circuit Breaker, 1-pole, 20A, 120V
76967	Circuit Breaker, 2-pole, 20A, 120V
76969	Circuit Breaker, 1-pole, 20A, 277V

- Notes:
- (1) When ordering, specify control options and relay types (number of 1 pole or 2 pole). Note, 2-pole relays occupy (and count as) two relay slots.
 - (2) Panels with circuit breakers come with 3-phase mains lugs for power input.
 - (3) Panel inserts only. When ordering, specify relay panel enclosure. See Contact Relay Panel Enclosures for required enclosure type.

Philips Strand Lighting

Dallas
10911 Petal Street
Dallas, Texas 75238
Tel: (214) 647-7880
Fax: (214) 647-8031

New York
267 5th Ave, 4th Floor
New York, NY 10016
Tel: (212) 213-8219
Fax: (212) 532-2593

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Auckland
19-21 Kawana Street
Northcote, Auckland 0627
New Zealand
Tel: + 64 9 481 0100
Fax: + 64 9 481 0101

Asia
Room 6-10,
20/F Delta House
3 On Yiu Street
Shatin, N.T. Hong Kong
Tel: + 852-2757-3033
Fax: + 852-2757-1767

Europe
European Service & Distribution Centre
Marssteden 152
Enschede 7547 TD
the Netherlands
Tel: +31-53-4500424
Fax: +31-53-4500425

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