



NSI

2002

Product

Catalog



ILLUMINATING ANSWERS

NSI transformed the way the world thinks about lighting controls. Before we introduced our first microprocessor-based controls, stage and display lighting was laborious and the technology stagnant. Now — with the revolutionary products from Leviton — lighting is fluid and dynamic. Our control systems are designed to unlock your vision and creativity, giving you the power to animate your lighting like never before. And when you consider their versatility and technological advances, our controllers, dimmers and fixtures are remarkably affordable.

The same enthusiasm we put into innovation drives our customer service. When you purchase NSI products, you'll work with a knowledgeable team of customer representatives trained to anticipate and respond to your needs. So whether you have a technical question or complex shipping instructions, our people will get it right the first time.

As you look through this catalog, we hope you are impressed by the variety and versatility of our product line. We're confident Leviton has the lighting answers you're looking for.



■ MC 24/48 2-3

■ Melange 2-3

Melange Pro

Melange Plus

■ MLC Series 4-5

MLC 16

MLC 16D

MLC 128R

■ MC 7500 Series 6-7

MC 7532

MC 7524

MC 7516

■ MC 7000 Series 6-7

MC 7024

MC 7016

MC 7008

■ MC 1616 8-9

■ TLC 16 8-9

■ MC 6300 8-9

■ Foot Controllers 8-9

NCM 508

NCM 5128

■ Dimmers 10-11

ND 4600

ND 5000

NRD 8000

DMX 16

■ Satellite Dimmer/Relays 12-13

DDS 3600R

DDS 5300

DDS 5600

DDS 6000

DDS 6000+

■ Rack Dimmer/Relays 14-15

DDS 8600

DDS 8800

DDS 9600

DDS 9800

■ Commercial Dimmer 14-15

2408 CD

■ Rack Dimmer/Relays 16-17

DS 8-12

DS 8-24

DS 12-12

DS 12-24

■ Topaz Series 18-19

Topaz Dimmer Module

Topaz Control Module

Topaz 12 Wall Pack

Topaz 12 Portable

Topaz 24 Dimmer Rack

Topaz 96 Dimmer Rack

■ Rolling Racks 20-21

Two Bay - 48 QTP

Two Bay - 96 QT

Three Bay - 96 QTP

■ Architectural Control Products 22-23

Sapphire Series

D3200 Series

■ Luma-Net® Products 24-25

400 Series

800 Series

■ Control Interface 24-25

I/F 501

■ Par Can System in a Box 26-27

■ System in a Box 28-29

Hands On

Hands Free

■ Lighting Fixtures 30-31

Mini Ellipse

Fresnel 6" & 8"

5/50 Ellipsoidal

Par cans

■ Connection Products 34-62

Cam-type Devices

Straight Blade & Locking Plugs, Connectors & Receptacles

Cord Sets & Wire

DMX Cable

Surge Protection Products

■ Definition of Terms 63-67

Nema chart

Horse power ratings & ANSI Symbols

Glossary

Control

Whether your lighting is basic or intricate, mild or wild, Leviton puts complete control in your hands.

Dimming

Our truck-tough dimming products are ready to perform when you are. Whether it's a touring rack or an architectural installation, Leviton has it all.

Architectural Controls

Rugged durability with precise performance, Leviton's architectural lighting control systems offer flexible, cost-effective lighting solutions.

Packaged Systems

Lighting to go. From dimming and control systems to complete packages, Leviton has a system in a box that's right for you.

Lighting Fixtures

Lighting fixtures born from years of experience on the stage and screen will exceed your expectations for quality, precision and durability.

Connectors

From the leader in wiring devices comes a broad offering of devices, cord sets, wire and cable, specially selected for the needs of the entertainment industry.

Technical



The MC 24/48 lighting control console from Leviton gives you the powerful unification of advanced theatrical functions and sophisticated intelligence. Easy-to-use display and control features seamlessly link intelligent and standard light fixtures to help you create any look you desire. Multiple fixture attributes may be controlled at once with Leviton's unique trackball and encoder inputs.

The Melange series memory lighting controller blends more creative features together than you ever thought possible from such an affordable system. And with the Melange Pro, we have taken it a step further with more advanced features to meet your ever increasing lighting control desires.



MC 24/48 FEATURES

- | | |
|--|---|
| 600 Max Cue Capacity | Selective Cue Recording |
| 1024 Max Dimmers | Multi-Part Cues |
| 2 Pair Cross Faders | Bank Loading of Cues, Groups and Effects |
| Up to 2,000 Macros | Split Up/Down Fade Times |
| 24 Submasters with up to 8 Pages with Bump Buttons | Proportional Range Editing of Levels |
| 7 Encoder Wheels for Individual Trait Control of Motorized Devices for Pan, Tilt and Level Control | Modified Rate Recording |
| Trackball | Overlapping Inhibitive or Pile-On Functions |
| Stage, Preview, Device, Cue Sheet, Track Sheet, Playback, Patch and Setup Display Screens | Programmable Up/Dwell/Down Times |
| Cue Numbering from .1 to 999.9 via Numeric Keypad | Master Fader |
| Link to Cue or Macro | Blackout Button |
| | Hold/Back Buttons |
| | Optional 2nd Video Card |

MELANGE SERIES FEATURES

- | | |
|--------------------------------------|--|
| 128 Channels | Manual Override/Crossfade |
| 512 Dimmer Softpatch | Grand Master |
| EEPROM Internal Memory Storage | Blackout Control |
| Submaster Bumps | Level Sensitive Chase Effects |
| Submaster Bump, Solo, or Latch Modes | Control Function Indicators |
| 8 External Macros | VGA Color Monitor |
| Pile-On and Split Time Fades | SMPTE via MIDI Time Code (Melange Pro) |
| | NSI 128 Channel Micro-Plex (3-pin XLR) |
| | DMX512 Digital Control (5-pin XLR) |

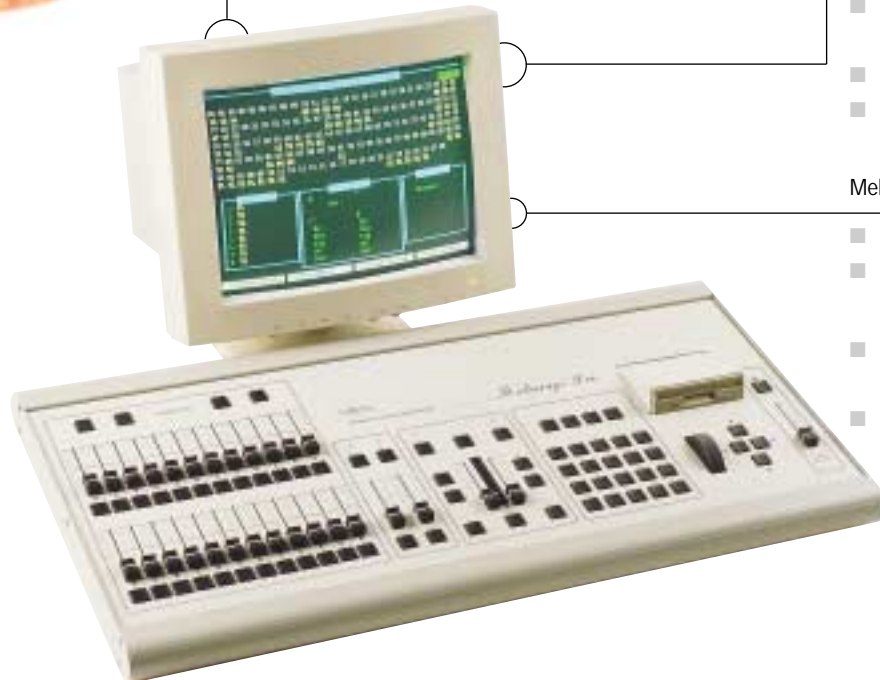
MC 24/48



MC 24/48
UL Listed, C-UL Listed

- 24 Channels 2-scene Operation, 48 Channel Single Scene
- Up to 384 Stage Lighting Control Channels
- 512 Motorized Lighting Control Channels

Melange



Melange Pro

- 128 Control Channels
- 512 Dimmer Proportional Soft-patch
- 24 Submaster Controls with up to 99 Submaster Pages
- Internal 3.5" Disk Drive
- 400 Cues

Melange Plus (not shown)

- 128 Control Channels
- 512 Dimmer Proportional Soft-patch
- 8 Submaster Controls with up to 99 Submaster Pages
- 200 Cues



The MLC 16 and MLC 16D accommodate any DMX512-capable device in the world. And this versatility means that in addition to moving lights, you can easily control dimmers, relays and fog machines.

Onboard joystick and encoder wheels make show design a snap with the ingeniously organized MLC 128R's front panel and pre-established library of lighting fixtures.



MLC 16 FEATURES

Controls 16 Intelligent Devices	Device Personality Assignment
512 Control Channels	Control Function Assignment
Up to 800 Step Memory	Device Setup Display
96 Total Programmable Memory Patterns	Alpha Labeling of Devices
24 Scene Access Buttons	Addresses Multiple Personalities at Once
Two Line by 40 Character Liquid Crystal Display	MIDI with Editing Capability
4 Pages of Pattern Memory	3.5" Disk Drive (optional)
On-board Library of Popular Intelligent Lighting Device Definitions	DMX512 Digital Control (5-pin XLR)
Control Joystick	RS232 Input/Output Port
	DMX input

MLC 128R FEATURES

Control up to 128 Individual Intelligent Devices	Lighting Device Editing, Adding and Deleting Capabilities, as well as Alphanumeric Naming for Identification of all Devices, Traits and Indexed Positions
512 Control Channels	Control of Similar Traits in Multiple Devices
An Extensive Memory Capacity that Provides up to 256 Device Patterns and 256 Shows	Two-line by 40-character LCD Display
Pre-focus Memories that Provide Fast Standard Show Set-up Times with Minimal Editing	Four Encoder Wheels for Fast-Action Access and Easy Modification of Device Trait information
On-board Library of Popular Intelligent Lighting Device Definitions	Joystick Provides Real Time Pan and Tilt Control
Control of Similar Traits in Multiple Devices	Audio Synchronization for Triggering from a Remote Line-level Audio Source such as a Compact Disc Player or Audio Mixing Console
	DMX512 Output (3 pin XLR)
	Micro-Plex Output (3 pin XLR)
	MIDI In/Out/Through

MLC 16



MLC 16
UL, C-UL Listed

- 512 Control Channels
- 96 Patterns
- 24 Scenes
- 24 Shows

MLC 16D
UL, C-UL Listed

- 512 Control Channels
- 96 Patterns
- 24 Scenes
- 24 Shows
- 3.5" Disk Drive

MLC 128R



- 512 Control Channels
- Up to 1,024 User Programmable Scenes
- 256 Patterns
- 256 Shows
- Back up via RS232 Port



Catering to the advanced lighting designer, the 7500 Series features operational modes such as cue stacking, level sensitive chasing and up to 512 memory scene capability. The encoder wheel and LCD readout make onboard editing quick and easy.

MC 7500 SERIES FEATURES

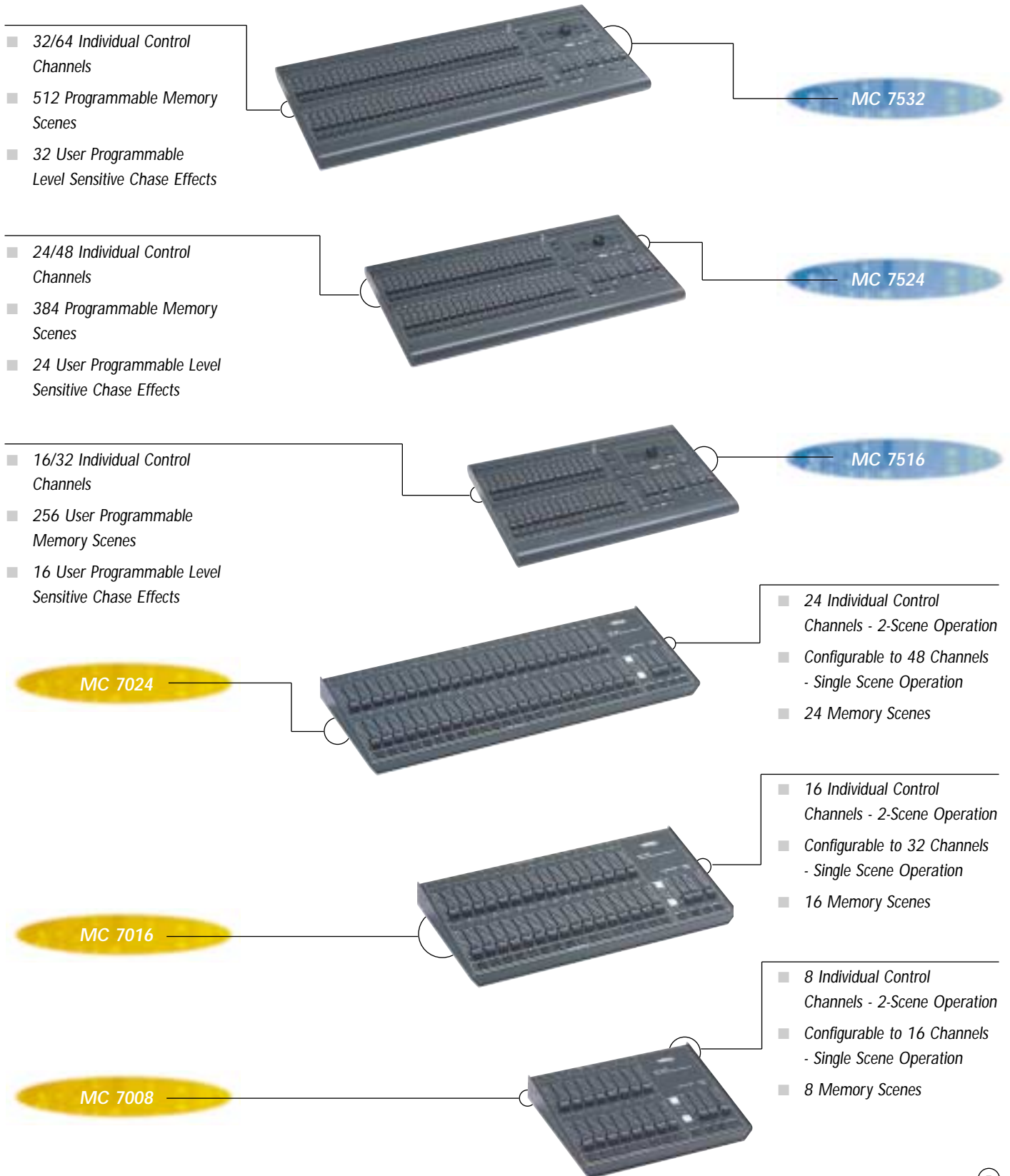
2-Scene Preset or Single Scene Operation (wide mode)	Cue Stacking
Dual Split Dipless Manual Crossfaders	Universal Internal Power Supply
Soft patching	NSI 128 Channel Micro-Plex to NSI Dimmers (3-pin XLR)
Auto Faders	DMX512 Digital Control (5-pin XLR)
Program and Modify Memory in Live or Blind Mode	MIDI In/Out/Through
Fully Protected Non-Volatile EEPROM Memory	Optional 37 pin 0-10V Analog Control Port
Audio Sync to Chase Effects Mode	

MC 7000 SERIES FEATURES

Individual Control Channels	User Programmable Memory Scenes
2-Scene Preset or Single Scene Operation (wide mode)	User Programmable Chase Functions
Dual Split Dipless Crossfaders	Chase Rate Control (tap button)
Individual Channel Bump Buttons	Grand Master
	Blackout Function
	NSI Micro-Plex Control Signal (3-pin XLR)
	Optional DMX512 Digital Control (5-pin XLR)

The MC 7000 series lighting consoles are simple and flexible with three operating modes. The consoles provide standard 2-scene preset operation, single scene (wide mode) operation for double the channel capacity, and memory scene operation. The MC 7000 series is particularly well-suited to small theaters, stage performances and rental inventories. These products are so easy to program and operate, the instructions are printed right on the consoles.







The powerful Leviton digital product series provide advanced control for all your applications. This means flexible control that handles a variety of innovative applications. And because of their microprocessor-based design, these products have the power of personal computers yet operate with the ease of a two-scene console. You can add programmable memory, scene masters and chase effects, and all with the simplicity of a familiar two-scene console.

The Leviton memory foot controllers pioneered the lighting revolution and helped launch the Leviton Micro-Plex standard, which has become accepted in the lighting industry by many manufacturers.



MC 1616 FEATURES

16 Individual Control Channels	Tap Sync Pattern Rate Control
Grand Master Level Control	NSI 128 Channel Microplex (3-pin XLR)
16 User Programmable Patterns or Static Scenes	Optional DMX512 Digital Control (5-pin XLR)
Up to 400 Step Pattern Memory	MIDI In/Out/Through
Audio Sync with Sensitivity Adjustments	

TLC 16 FEATURES

Touch Pad Control Panel	NSI 128 Channel Micro-Plex (3-pin XLR)
Add Button for Pile-On of Patterns	DMX512 Digital Control (5-pin XLR)
Non-Volatile Memory	Blackout Control
MIDI In/Out/Through	

MC 6300 FEATURES

Audio Sync to Chase or Channel Intensity	Port for External Power Supply
Configure Mode for Custom Operation	8 Programmable Chase Effects with up to 32 Steps Each
MIDI In/Out/Through	128 Channel Softpatch Table
128 User-Programmable Memory Scenes	NSI 128 Channel Microplex (3-pin XLR)

FOOT CONTROLLER FEATURES

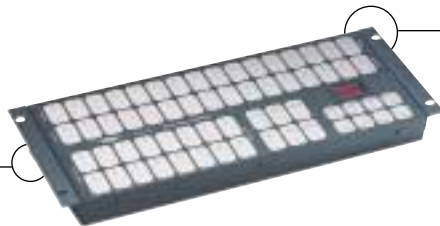
Push Button Scene Crossfade and Fadeout Controls	Input for Audio Synchronization with Adjustable Gain
Multimode Chase Includes Normal, Scene and Program Chase Effects	Phantom Powered by Dimmer Packs Eliminating AC Power Cord
Scene Freeze for Pile-On Effects	NSI 128 Channel Micro-Plex (3-pin XLR)
	Variable Chase Rate
	LED Indicators for Scene Select, Chase, Audio and Freeze Effects
	Blackout Control

MC 1616



- 16 Programmable Patterns or Static Scenes with Individual Channel Bump Buttons
- Manual Operation Mode

TLC 16



- 16 Individual Control Channels
- 16 Memory Sequence Programmable Touch Control Panels with Independent Channel Bump and Latch Controls
- Dual 7-Segment LED Indicator Display

MC 6300



- Manual Scene Preset with 16 Individual Slide Controls
- Touch Sensitive Scene Crossfades and Fadeout
- Dipless Cue Stack Processor Control
- Auto Fade Preset Control
- Chase Rate Control

NCM 508

- 8 Channels with Independent Presets
- 4 Programmable Scenes
- 1 Manual Scene



NCM 5128

- 16 Channels with Independent Presets
- 128 Programmable Scenes with Digital Display
- Non-Volatile EEPROM Memory



Foot Controllers



Leviton's professional dimmer products introduce performance standards typically reserved for higher-end theatrical systems. These affordable, portable dimmer packages are equipped with dual SCR circuit designs for long-lasting, reliable performance and toroidal filtering for noise reduction. Each Leviton professional dimmer pack includes Leviton's Micro-Plex technology that allows control connections to be accomplished with standard 3-conductor microphone cables. Additional dimmers may be daisy chained together for easy system expansion. Each dimmer pack may be addressed to receive a specific set of channels.

DIMMER PACK FEATURES (ND 4600 & 5000)

4 Channel Programmable Satellite Dimmer System	Power On LED Indicator
Channel Address Switch	Control Signal Status Indicator LEDs
Dual SCR Circuit Design	Toroidal filtering reduces audio interference and extends lamp life
Two Outputs per Channel	
NSI Micro-Plex Input and Through Ports	

RACK DIMMER PACK FEATURES (NRD 8000)

8 Channel Programmable Satellite Dimmer System	Automatic Lamp Test Function
120/240 Volt Single-Phase Power Operation	Power On Indicator LEDs
Dual SCR Circuit Design	Control Signal Status Indicator LEDs
Two Outputs per Channel	Toroidal filtering reduces audio interference and extends lamp life
Individual Channel Circuit Breaker Protection	
NSI Micro-Plex Input and Through Jacks	

DEMULTIPLEXER FEATURES

Adapts NSI 128 Channel Micro-Plex to any 0-10 V Dimmer Packs	Allows Interface of NSI Microprocessor Memory Controllers
16 Independent Control Channels	LED Operation/Intensity Indicators
Automatic Lamp Test Function	Expands Easily
AC Power On Indicator	



ND 4600

- 600 Watts per Channel
- 2400 Watts Maximum Power
- 160 Micro-Second Rise Time



Dimmer Packs

ND 5000

- 1200 Watts per Channel
- 2400 Watts Maximum
- 300 Micro-Second Rise Time



Rack Dimmer Pack



NRD 8000

- 8 Channel Programmable Rack Mountable Dimmer System
- 1200 Watts per Channel
- 9600 Watts Maximum Power
- Single Phase Power Operation
- 400 Micro-Second Rise Time
- 19" Rack Mountable Chassis

DMX 16

- User Programmable for Assignment of any of a Possible 128 Channels
- 19" Rack Mountable Chassis



Demultiplexer



DDS digital dimming systems combine portability with high caliber rugged performance for a variety of applications. The DDS series provides Leviton Micro-Plex system connect technology along with 0-10VDC analog control capability. DMX512 is an available option for control of up to 512 channels. The DDS products may be assigned by channel to act as dimmers or as a relay switch for on/off operation of lights or motorized devices. The DDS series of digital dimming systems are offered in a variety of capacity and power configurations to meet every individual need. The digital dimming products are listed by Underwriters Laboratories and also carry the C-UL identification for systems used in Canada.

DDS SATELLITE PACK FEATURES

4 Individual Dimmer/Relay Channels (except 3600R)

Dual SCR Circuit Design Ensures Reliable Operation

DDS 5300 & 3600R Utilize TRIAC's for Faster, Quieter Operation Than Mechanical Relays

512 Channel Address Capable

External Fusing for Each Individual Channel

Toroidal Filtering Reduces Audio Interference and Extends Lamp Life

User Select for Dimmer/Relay Operation

User Select for Soft Start Operation to Increase Lamp Life

Internal Jumpers Activate 8 Auto Sequence Control Programs

External Front Panel Circuit Breaker

Power On LED Indicator

Sequence Rate Adjustable from 1 to 60 Seconds

Control Status Indicator LED

Individual Channel Function LEDs

NSI 128 Channel Micro-Plex (3-pin XLR)

Optional DMX512 Digital Control (5-pin XLR)

Available with Either 15 or 20 Amp Power Supply Cords



DDS 3600R



UL Listed, C-UL Listed

- Relay Pack
- 600 Watts per Channel
- 2400 Watts Maximum Power
- Integral Hanging Bracket

DDS 5300



UL Listed, C-UL Listed

- 300 Watts per Channel
- 1200 Watts Maximum Power
- 100 Micro-Second Rise Time
- Integral Hanging Bracket

DDS 5600



UL Listed, C-UL Listed

- 600 Watts per Channel
- 2400 Watts Maximum Power
- 160 Micro-Second Rise Time
- Integral Hanging Bracket

UL Listed, C-UL Listed

- 1200 Watts per Channel
- 2400 Watts Maximum Power
- 400 Micro-Second Rise Time
- Optional Screw Terminal Outputs



DDS 6000

UL Listed, C-UL Listed

- 1200 Watts per Channel
- 4800 Watts Maximum Power
- 2 Power Supply Cords
- 400 Micro-Second Rise Time
- Optional Screw Terminal Outputs



DDS 6000+



Whether in a club or on the road, Leviton's rack dimmers deliver unparalleled reliability, day-in, day-out. Even though they're small in size, they are big on performance, with dimming characteristics usually found on larger, more costly theatrical products. Industry veterans know that this is the dimmer you can count on.

The 2408 CD takes the limits off traditional dimming packs, offering a simple solution to both architectural and entertainment lighting needs. The 2408 CD is the height of versatility, providing Microplex, DMX512, and 0-10 Volt analog inputs, as well as Luma-Net® control capability. It's robust, conservative design means this dimmer is built to provide years of dependable service.

DDS RACK DIMMER/RELAY FEATURES

6 or 8 Channel Versions	Individual Channel Lamp Test Controls
1.2 kW or 2.4 kW Versions	Internal Variable Speed Cooling Fan
512 Channel Address Capable	Control Status LED Indicator
Dual SCR Circuit Design	DC Power LED Indicator
Toroidal filtering reduces audio interference and extends lamp life	Phase Power LED Indicators
Internal Switch Select Activates 8 Auto Sequence Control Programs	Over Temp. LED Indicator
Sequence Rate Adjustable from 1 to 60 Seconds	No-Load LED Indicators
User Select for Soft Start to Increase Lamp Life	External Magnetic Circuit Breakers for Each Individual Channel
Individual Channel Function LEDs	NSI 128 Micro-Plex (3-pin XLR)
	Optional DMX512 Digital Control (5-pin XLR)

2408 CD COMMERCIAL DIMMER PACK FEATURES

8 Individual Dimmer/Relay Channels	512 Channel Address Capable
2,400 Watts per Channel, 19,200 Watts Maximum	Channel Address Select Switch
Dual SCR Circuit Design	Extruded Aluminum Passive Heat Dispersion
Toroidal filtering reduces audio interference and extends lamp life	NSI Micro-Plex, DMX512 and 0-10 Volt Analog Inputs
Microprocessor Controlled	Luma-Net® Architectural Control Capable
8 Fully Magnetic Circuit Breakers	Pressure Screw Terminals for Hardwire Inputs/Outputs
120/240 Volt Operation	Compatible with Mark VII and Mark X Ballasts



UL Listed, C-UL Listed

- 6 Individual Dimmer/Relay Channels
- 1200 Watts per Channel
- 7200 Watts Maximum Power
- 300 Micro-Second Rise Time
- Single Phase or Three Phase Power
- 2 Pole 30 Amps, 3 Pole 20 Amps Input Feed



DDS 8600

UL Listed, C-UL Listed

- 8 Individual Dimmer/Relay Channels
- 1200 Watts per Channel
- 9600 Watts Maximum Power
- 300 Micro-Second Rise Time
- Single Phase Power
- 2 Pole 40 Amps Input Feed



DDS 8800

UL Listed, C-UL Listed

- 6 Individual Dimmer/Relay Channels
- 2400 Watts per Channel
- 14,400 Watts Maximum Power
- 400 Micro-Second Rise Time
- Single Phase or Three Phase Power
- 2 Pole 60 Amps, 3 Pole 40 Amps Input Feed



DDS 9600

UL Listed, C-UL Listed

- 8 Individual Dimmer/Relay Channels
- 2400 Watts per Channel
- 19,200 Watts Maximum Power
- 400 Micro-Second Rise Time
- Single Phase Power
- 2 Pole 80 Amps Input Feed



DDS 9800

UL Listed, C-UL Listed

- 8 Individual Dimmer/Relay Channels
- 2400 Watts per Channel
- 19,200 Watts Maximum Power
- 400 Micro-Second Rise Time
- Single Phase Power
- 2 Pole 80 Amps
- 2404 CD 4-Channel Model Also Available
- 2408 CR Relay Model Also Available



2408 CD



Leviton's DS digital dimmer systems combine convenient mobility with a rugged design and high caliber performance for a variety of lighting application demands. The DS dimmers include a sixteen character liquid crystal display and front panel keypad for intuitive access to features like presets with time fades, soft patch of DMX and Leviton's Micro-Plex control signals, 0-10VDC analog input control, and module temperature data. LED's on the front panel also provide status to a host of functions like dimmer control level, active power sources, active DMX512 and NSI Micro-Plex control signals, and temperature conditions. A DMX512 termination switch is provided on the front panel. All of these performance features combined with the highest power density on the market makes this dimmer an unbeatable value. UL and C-UL listed. Patents pending.

DS MODULAR DIMMER FEATURES

- Fully Modular Design
- Dimmer and Control Modules are Easily Serviced Using Removable Front Panel While Dimmer Remains in Rack
- 8 & 12 Channel Versions
- 1200 kW & 2400 kW Per Channel Versions
- 16 Character X 2 Line Backlit Liquid Crystal Display
- 20 Button Function Keypad
- Non-Volatile EEPROM Preset and Softpatch Storage
- Softpatch Capable
- Programmable Time Fade Presets
- Programmable Bump Buttons
- Front Panel Accessible DMX512 Termination Switch
- Magnetic Circuit Breakers
- Voltage Regulation
- DMX512 Control Input (5 pin XLR)
- NSI Micro-Plex Control Input (3 pin XLR)
- NSI Luma-Net® Architectural Control Input
- 0-10VDC Analog Control Inputs
- 120V Input Power- Single Phase & Three Phase Available
- 15V RMS Preheat Range
- Full On Test/Focus
- Over Voltage and Over Temperature Protection
- Valid DMX Signal Indicator
- Valid NSI Micro-Plex Signal Indicator
- Line Power Indicator LEDs
- Temperature Status LED



DS 8-12



UL Listed, C-UL Listed

- 8 - 1200 Watt Dimmer / Relay Channels
- 9,600 Watts Maximum Power Capability
- Single Phase Power Operation
- 2 pole 40 Amps Input Feed
- 350 Micro-Second Rise Time

UL Listed, C-UL Listed

- 8 - 2400 Watt Dimmer / Relay Channels
- 19,200 Watts Maximum Power Capability
- Single Phase Power Operation
- 2 pole 80 Amps Input Feed
- 350 Micro-Second Rise Time



DS 8-24

DS 12-12



UL Listed, C-UL Listed

- 12 - 1200 Watt Dimmer / Relay Channels
- 14,400 Watts Maximum Power Capability
- Single / Three Phase Power Operation
- 2 pole 60 Amps / 3 pole 40 Amps Input Feed
- 350 Micro-Second Rise Time

UL Listed, C-UL Listed

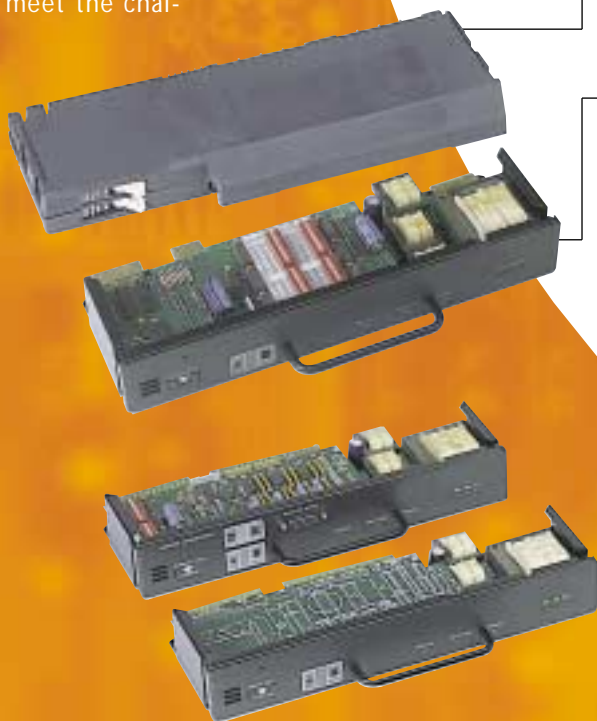
- 12 - 2400 Watt Dimmer / Relay Channels
- 28,800 Watts Maximum Power Capability
- Single / Three Phase Power Operation
- 2 pole 120 Amps / 3 Pole 80 Amps Input Feed
- 350 Micro-Second Rise Time



DS 12-24



From theatrical to architectural environments, these compact and ruggedly designed dimming cabinets are ideal for permanent installation in a wide array of facilities. They feature high density dimming in small footprint packages for versatile, powerful, yet cost-effective performance. These heavy duty Leviton cabinets provide true theatrical grade performance for everything from churches to theaters and more. For your most demanding dimming applications Leviton products meet the challenge.



TOPAZ SERIES FEATURES

- Plug-in Dimmer Modules**
- Plug-in Electronic Control Module**
- Lightweight**
- Single or Three Phase Power**
- Digital or Universal Control Module Available**
- No Disassembly or Reassembly in Installation**
- Multiple Racks may be Bussed Together (Pre-assembled at the Factory)**
- Locking Door Prevents Unauthorized Access**
- Multiple Voltages**
- User Programmable Panic Switches**
- Low Noise Fans**
- Terminals Provided and Labeled for All Control Circuits**

Topaz Dimmer Modules UL Recognized, CSA Certified

- Available in 1.8kW and 2.4kW 120 Volt and 2.5kW 240 Volt Versions
- Filler Module also Available
- 350 Micro-Second Rise Time
- Enclosed Two-piece Engineering Grade, "Rynite" FR530 Chassis
- All Heat Generating Components Have Separate Ambient Air Intakes to Eliminate Heat Build Up
- Compact Design, Each Module is 1.25"H x 12.0"W x 4.0"D, Weighing just 2.5 lbs.

Topaz Control Modules UL Recognized, CSA Certified

- Digital/Analog and 120/240 Volt
- Completely Digital Circuitry Including a High-Speed Microprocessor
- Indicator LEDs Show That Power is Present and the System is Functioning Properly
- User-selectable Rack Number Thumbwheel
- Topaz Universal Control Module Will Accept DMX512, AMX-192 and 0-10V Analog
- Non-dim Switches for Each Dimmer



Topaz 12 Wall Pack



UL Listed, CSA Certified

- Houses 6 Plug-in Dimmer Modules (12 channels)
- Available with Semi-recessed Mounting Kit
- 120 and 240 Volt Versions
- Bus Strapping is Arranged for Easy Conversion from 3 Phase to 1 Phase
- Ultra Low Noise Operation

UL Listed, CSA Certified

- Houses 6 Plug-in Dimmer Modules (12 channels)
- Less than 44 lbs. in Weight
- Stackable Design, Extremely Compact
- 120 Volt Only
- Robust Enclosure – Built to Endure the Demands of the Road
- Optional Cam-type Inputs and Main Circuit Breaker



Topaz 12 Portable

UL Listed, CSA Certified

- Houses 48 Plug-in Dimmer Modules (96 channels)
- 120 Volt and 240 Volt Versions
- Lateral Busing Kit (connects 2 racks for a total of 192 channels)
- Single Phase or Three Phase Input Power



Topaz 96

UL Listed, CSA Certified

- Houses 12 plug-in Dimmer Modules (24 channels)
- Plug-in Dimmer and Control Modules (order separately)
- Wall Mount
- 120 Volt and 240 Volt Versions
- Lateral Busing Kit (connects 2 racks for a total of 48 channels)
- Single Phase or Three Phase Input Power

Topaz 24





The Leviton series of rolling racks provide the high performance features of Leviton i Series e dimming in a concisely designed and compact package. The small size of these rolling rack systems maintains mobility while making placement convenient even in the tightest locations.

ROLLING RACK FEATURES

Accepts 12-20A Quad Plug-in Dimmer Modules

Accepts 2 Plug-in Control Modules, One On-line Backup to the other

Welded Steel and Aluminum Frame with Heavy-duty Locking Swivel Casters

Units, only 38" high, are Stackable for Double the Density

Tubular Frame Open at Top and Bottom to Allow for Insertion of 1-1/2" Pipe for Cable Ladders, Stacking Stabilizers and Other Mechanical Features

Dual Heavy-duty Recessed Handles on Each Side

Six Hot Pockets, Four 20A Stage Pin Connectors, and Two 20A Duplex U-ground Connectors

400A or 600A Bussing

Single-phase Three-wire or Three-phase Four-wire via Bus Straps

Cam-type input Connectors With or Without Feed-through

Optional Main Circuit Breaker with Tabs for Lockout Padlock

High Quality Multi-lam Patch Panel Contacts

Two or Four Jacks per Dimmer Plus Four Jacks per Hot Pocket Color-coded by Phase

Three Types of Standard Output Connectors (Socapex, Edison, Stage pins)

Optional Modular Output Panels are Available

Hand-held Terminal Connector

Optional Hand-held Terminal (Soft Patch Dimmers to DMX Channels and Set Dimmers in Non-dim Mode)

Removable Latching Filter Door Retains Dimmer and Control Modules

Storage for Spare Dimmer Modules and Hand-held Terminal

Write-on Strips for Circuit Identification



UL Listed, C-UL Listed

- One Dimmer Bay and One Power Patch Bay, 30"x 33"
- Supports 48 Dimmers (12 Quad modules)
- Supports 6 Load Panels for a Total of 144 Load Circuits
- Supports 192 Patch Cords by 216 Patch Jacks
- 350 Micro-Second Rise Time



Two Bay - 48 QTP

UL Listed, C-UL Listed

- Two Dimmer Bays with Soft Patch, 30"x 33"
- Supports 96 Dimmers (24 Quad modules)
- Supports 6 Load Panels for a Total of 144 Load Circuits
- 350 Micro-Second Rise Time



Two Bay - 96 QT

UL Listed, C-UL Listed

- Two Dimmer Bays and One Power Patch Bay, 30"x47"
- Supports 96 Dimmers (24 Quad modules)
- Supports 9 Load Panels for a Total of 216 Load Circuits
- Supports 192 Patch Cords by 408 Patch Jacks
- 350 Micro-Second Rise Time



Three Bay - 96 QTP



Sapphire gives you the power and flexibility to control large-scale complex lighting systems including total integration of theatrical, architectural, and energy management systems.

Until now, you had to install a large central system to get all the sophisticated programming and control features that are standard to this compact, stand-alone unit. The D3200's digital processing makes complex scheduling and scene control functions as easy as following clear, on-screen instructions. Networked with additional units, the D3200 can tackle even large applications with ease. Best of all, it's intuitive to operate, giving users more time to focus on the desired effects.

SAPPHIRE FEATURES

Bright LCD Readout Clearly Identifies Presets for Intuitive Operation

Distributed Processing Provides Enhanced Reliability

Buttons on All Stations May be Assigned Multiple Functions

D3200 SERIES FEATURES

2,000 watt, 6-channel integrated Dimmer and Control System

2 Line 16 Character Illuminated LCD Screen

Programming Wizards Display Simple, Step-by-step Setup Instructions

"Info" Button Provides Immediate Information About Zones (name, level, etc.)

Can be Networked with up to 30 Other D3200 Units

Easily Programmed on a PC via RS232 Smart Jack

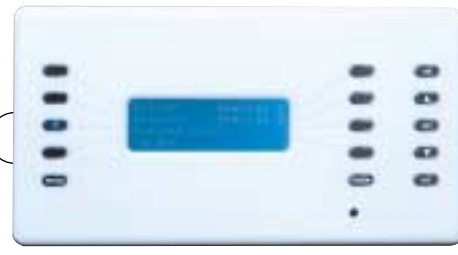
Accessories Include Pushbutton Remote Stations, Smart Jack, Remote Control and End-of-line Termination Devices

Dims Incandescent Magnetic Low Voltage and Advance Mark X Florescent Loads

Built-in Learning IR Receiver



Sapphire



- LCD, Buttons and Slider Stations in Multiple Combinations
- Virtually Limitless Number of Stations
- Convenient Daisy-chain Wiring Topology
- Distributed Processing Technology Provides Unequaled Reliability by Eliminating Dependence on a Single Central Processor
- Rugged Engineered Plastic Housing Available in White and Black

D3208

- Dims 6 Internally Driven Loads
- Up to 248 Zones with Bar Graph Display
- 2 Auxiliary Channels for A/V Interface and Other Operations
- Combine Separate 8 Partitions/256 Configurations (No Extra Device Required)
- Time Based Scene Changes and Event Sequencing
- Dims Incandescent, Magnetic Low Voltage, and Advance Mark X Fluorescent Loads
- Allows 32 Scenes Per Group (per single configuration)
- Astronomical Time Clock



D3208

D3206 (Not Shown)

- Dims 6 Internally Driven Loads
- Up to 186 Zones with Bar Graph Display
- Dims Incandescent, Magnetic Low Voltage, and Advance Mark X Fluorescent Loads
- Allows 32 Scenes Per Group (per single configuration)
- Astronomical Time Clock





These cost-effective, flexible architectural lighting control systems are excellent for churches, schools, and universities. The commercial line can integrate house and stage lighting for total control over the entire facility. Luma-Net® is a very flexible lighting control device with different models to cover zone and scene controls. Fader equipped models are very durable and will hold up to heavy usage in commercial applications.

The I/F 501 is a very flexible protocol interface device with a host of different in/out combinations of the following protocols: DMX512, CMX, AMX, Microplex, Luma-Net, MIDI, RS232 and 0-10V analog.



LUMA-NET® 400 SERIES FEATURES

Programmable Fade Times	Mounts in Standard 2-Gang Electrical Box
Programmable Master/Slave Operation	Works with any Luma-Net Product
Control Lockout Function	Compatible with DMX Dimmers or Micro-plex Dimmers when used with I/F 501
Front Panel Programmable or from PC with Optional Luma-Net Software and Interface I/F 501	

LUMA-NET® 800 SERIES FEATURES

Programmable Preset Buttons	Programmable with Luma-Net Software and Interface I/F 501 Only
Programmable Fade Times	
All Off Button	Mounts In Standard 2/3-Gang Electrical Box
Each Slide Control Programmable for up to 100 Dimmer Channels	Works with any Luma-Net Product
Control Lockout Function	

I/F 501 CONTROL INTERFACE FEATURES

Up to 512 Control Channel Addresses	DMX512 Input/Output Ports
Configure Mode Select Switches	NSI Micro-Plex Input/Output Ports
4 Line Analog (0-10V DC) or Dry Contact Closure Input Port	RS-232 Input Port (DB-9 connector)
Bottom Chassis Key Holes Positioned for Easy Wall Mounting	NSI Luma-Net Architectural Lighting Port (RJ-14 style connector)
15 V DC External Power Supply Port	NSI Luma-Net Software Interface Capability
	8 Pre-Programmed Auto Sequence Chases
	Programmable Precision Auto-Cue Playback
	Real Time ASCII Control Over Dimmers via RS-232

400 CP



- 4 Programmable Zones
- Raise or Lower Assigned Control Zones
- Controls up to 500 Dimmer Channels

404 CP



- 4 Programmable Zones
- Each Scene Programmable for up to 100 Channels

408 CP



- 8 Programmable Scenes
- Each Scene Programmable for up to 100 Channels

- 4 Programmable Slide Controls
- Mounts in a Standard 2 gang Electrical Box
- Each Slider Programmable for up to 100 Channels



804 CP

- 8 Programmable Slide Controls
- Mounts in a Standard 3 gang Electrical Box
- Each Slider Programmable for up to 100 Channels



808 CP

The I/F 501 combines Luma-Net and lighting consoles with Micro-Plex and DMX. In addition to merging lighting protocols, this interface device is capable of converting computer protocols to lighting protocols.



I/F 501



Leviton's complete lighting systems provide everything you need to bring your performance to light. From the lamps to the color frames and gels, these are true turn-key systems. With a wide array of hands-on and hands-free control packages, there is sure to be a system that's right for you. Need an eight-light configuration? Just add an expansion kit to your base system and you're set. It's the easy, cost-effective way to build just the system you need, when you need it.

PAR CAN SYSTEM FEATURES

Eight Channel, Programmable Light System

Easily Expandable by Adding More of Your Own Dimmers and Lights

Six Kits to Choose from

Color Frame Included at No Extra Cost

Rolled Edges for Extra Strength

Solid Steel Clutch on Par 56 Cans

Black Finish

CE Listed

Choose between Hands On or Hands Free operation: the Hands Free system features a MC 7008 which has 2 cene Operation and is configurable to 8 individual Channels with 8 sub-master Sliders. The Hands On system features a NCM 508 which has 4 scene operation and is configurable to 8 individual channels with 8 sub-master sliders.

Choose between DDS 5600 dimmer pack or DDS 3600R Relay Pack: the DDS 5600 features 600 watts per channel, 2,400 watts maximum power and 160 micro-second toroidal filtering. The DDS 3600R features 600 watts per channel, 2,400 watts maximum power.



Par Can System in a Box

Par Can System HO4D includes

- 4 Par 56 Fixtures
- 4 Par 56 Lamps
- 1 Control Unit – MC 7008
- 1 Dimmer Unit – DDS 5600
- 1 Stand
- 4 Gels
- 4 Gel Holders
- 1 Control Cable



Par Can System in a Box

	HF4D	HF4R	HO4D	HO4R	Relay Expansion Kit	Dimmer Expansion Kit
	Hands Free 4 Dimmer	Hands Free 4 Relay	Hands On 4 Dimmer	Hands On 4 Relay		
Par 38 (Black)		4		4	4	
Par 56 (Black)	4		4			4
MC 7008			1	1		1
NCM 508	1	1				
DDS 3600R Relay pack		1		1	1	
DDS 5600 Dimmer pack	1		1			

All systems include: stand, control cable, 4 color gels, 4 color frames and 4 lamps.



Lighting to go – Leviton's System in a Box bundles all the road-tested, reliable dimming and control components needed to put you in the right light, with a variety of convenient grab-and-go kits. You provide the talent and Leviton will make the show. You don't need to be a lighting wizard to make your show look great. All you need is Leviton's System in a Box. Whether you're a chorale group or a conga band, let the System in a Box put your performance in the best light.

CONTROL AND DIMMING SYSTEM FEATURES

Eight Channel, Programmable Light System

Easily Expandable by Adding More of Your Own Dimmers and Lights

Choose between Hands On or Hands Free operation

The Hands On System Features a MC 7008 which has 2 Scene Operation and is Configurable to 8 Individual Channels with 8 Sub-Master Sliders.

The Hands Free system Features a NCM 508 which has 4 Scene Operation and is Configurable to 8 Individual Channels with 8 Sub-Master Sliders

Each system Comes with 2 ND 4600 Dimmer Units, which Each have 600 Watts Per Channel, 2,400 watts Maximum Power, Toroidal Choke Filtering for Reduced Audio Interference and a 100 Micro-Second Rise Time.



Hands On System includes

- 1 Control Unit – MC 7008
- 2 Dimmer Units – ND 4600
- 2 Control Cables – 25'



Hands Free System

Hands Free System includes

- 1 Control Unit – NCM 508
- 2 Dimmer Units – ND 4600
- 2 Control cables – 25'





These products represent some of the best constructed and longest lasting lighting instruments in the industry. Rugged and durable, they stand the test of time and will in many cases be the last fixture you'll ever buy. With decades of experience and engineering expertise built into every fixture you can rely on these to deliver for stage, theatre or performance needs.

The newest member of the Leviton lighting fixture family, our rugged and cost-effective Par cans, offer a durable and value conscious lighting alternative.

ELLIPSOIDAL FEATURES

- | | |
|--|---|
| Insulated Handle Centers Lamp within Reflector | Shutters Equipped with Thermal Insulated Fingerholes |
| Lamp Housing Secured by Bottom Insulated Handle | Lens Tube Moves Within Shroud and Secured by Top Insulated Handle |
| Peak/flat Fields Easily Achieved by Moving Lamp Housing within Reflector Housing | Rugged Lens Tube |
| Lamp Housing Removes Completely for Easy Lamp Replacement | 20°, 30° and 40° Allow for Change of Beam Angle by Repositioning Lenses |
| Yoke Hardware Includes Positive Locking Clutch Disk for Tilt Control | |

FRESNEL FEATURES

- | | |
|--|---|
| High Intensity Spot with a Smooth, Even Flood Field | All Operating Controls Thermally Insulated for Cool Handling Operations |
| Lightweight, Rugged Aluminum Construction | Torlon insulators Provide Smooth Focusing Operation |
| Superior Ventilation System Guarantees Cooler Unit Operation with Extended Lamp and Gel Life | Locking Pin Accessory Clip for Added Safety |
| | 6" & 8" Versions |

PAR CAN FEATURES

- | | |
|---|---|
| Rigid, Rolled Edge Frame for Extra Strength | Includes Color Frame at No Extra Cost |
| Solid Steel Clutch Mechanism on Par 56 & Par 64 | Black or Bright Chrome Finishes Available |
| | ETL, CE Listed |

5/50 Ellipsoidals



UL Listed, CSA certified

Designed to frame areas, project patterns and create special effects, these units feature durable construction with thermal insulation to make them convenient to handle and use. They're available in 5, 10, 15, 20, 30, 40 and 50 degree versions. The 30 degree fixture comes with all lens and field stops to make it a 20, 30 or 40 degree instrument. The fixtures come standard with safety cable, C-clamp and color frame.

Mini Ellipse



UL Listed, CSA certified

The Mini Ellipse has unsurpassed photometric performance and three field angles of 30, 40 and 50 degrees – all in one unit. This provides maximum versatility with just one fixture. The joystick allows fast and precise filament alignment without the need for tools.

UL Listed, CSA certified

The superior photometric performance of our fresnels provides maximum utility for the user. Used as high intensity spots with a smooth even flood field, all operator controls are thermally insulated for cool handling and operation. A gear driven base provides smooth beam width adjustment. Available in 6 and 8 inch versions.



Fresnels

Par 64, Par 56 and Par 38
ETL, CE Listed

Our par cans are a cut above the rest, which is just what you should expect from Leviton. These rugged fixtures feature rolled edges for added strength and high-performance, solid-steel clutches (featured on Par 56 & Par 64) for precise aiming, and even color frames.

Par Cans





LEVITON... BUILDING A CONNECTED WORLD

Since 1906, Leviton has been at the heart of electrical connection technology. In fact, it is estimated that every building in America has at least one Leviton product in use!

For nearly a century, Leviton has defined an industry. No manufacturer has a broader, more comprehensive line of plugs, connectors, and the wire to make them work. Leviton literally makes every piece of the lighting puzzle, from the power in the wall to the fixture on the dance floor.

Leviton defines how America connects with electricity. From plugs and receptacles to cam-type devices, no one else has more ways to make electricity work for you. Add to that the greatest line of wire and cable made just for entertainment, and you have the best electrical connections in the business.

The entertainment business is tough on electrical products. Leviton products are tougher. Born from the demands of heavy industry, medical and military applications, these devices were made for places where failure is not an option. If you want to spend your time entertaining instead of repairing, step up to Leviton.



■ Cam-type Connectors 34-41	■ Cordset Products 58-61	■ Technical Information 63-66
15 Series	<i>Cords</i>	<i>NEMA Locking Configurations</i>
16 Series	<i>Adapters</i>	<i>NEMA Straight</i>
17 Series	<i>Bulk Portable Cord</i>	<i>Blade Receptacles</i>
18 Series	<i>DMX Cable</i>	<i>ANSI Architectural Symbols</i>
■ Straight Blade Plugs & Connectors 42-43	■ Surge Protection Devices 62	<i>Horsepower Rating for</i>
15 Amp	<i>Plug Strips</i>	<i>Plugs & Receptacles</i>
20 Amp		<i>Glossary</i>
■ Straight Blade Receptacles 44-45		
<i>Receptacles</i>		
<i>Isolated Ground Receptacles</i>		
<i>Wall Plates</i>		
■ Locking Devices 46-56		
15 Amp		
20 Amp		
30 Amp		
■ NonNEMA Locking Devices 57		
20 Amp		
30 Amp		

Connectors

Carefully and exclusively selected for the entertainment industry, Leviton offers the finest electrical connection products, wire, cable and cord available. From the only manufacturer capable of bringing it all together—Leviton.



15D21-E



15D22-E

15 Series — Taper Nose — Up to 125 AMP,* 600V

Male Detachable Plug—Set Screw (Cable Size: #8–#4)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	15D21-E	15D21-C	15SDM-48E
White	15D21-W	15D21-C	15SDM-48W
Red	15D21-R	15D21-C	15SDM-48R
Blue	15D21-B	15D21-C	15SDM-48B
Green	15D21-G	15D21-C	15SDM-48G
Yellow	15D21-Y	15D21-C	15SDM-48Y
Orange	15D21-O	15D21-C	15SDM-48O
Brown	15D21-H	15D21-C	15SDM-48H

Female Detachable Plug—Set Screw (Cable Size: #8–#4)

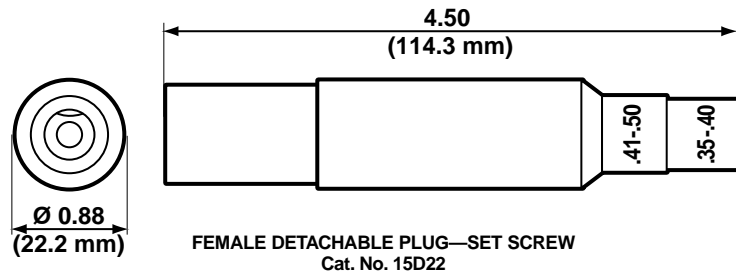
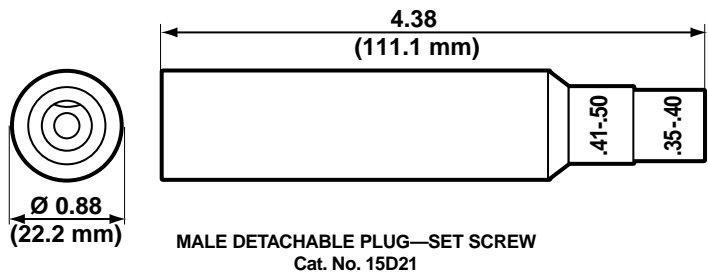
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	15D22-E	15D22-C	15SDF-48E
White	15D22-W	15D22-C	15SDF-48W
Red	15D22-R	15D22-C	15SDF-48R
Blue	15D22-B	15D22-C	15SDF-48B
Green	15D22-G	15D22-C	15SDF-48G
Yellow	15D22-Y	15D22-C	15SDF-48Y
Orange	15D22-O	15D22-C	15SDF-48O
Brown	15D22-H	15D22-C	15SDF-48H

SPECIFICATIONS & FEATURES

- The 15 Series Taper Nose mini-cam plugs, receptacles and connectors are tough and reliable. Primary applications include carnivals and theme parks, as well as the entertainment industry

TESTING & CODE COMPLIANCE

- UL Listed E-151429
- NEMA 3R-Rated for use in outside locations



15 Series — Taper Nose — Up to 125 AMP,* 600V

Panel Receptacle—Threaded Stud (Cable Size: #8–#4)

	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	15R21-E	15R22-E
White	15R21-W	15R22-W
Red	15R21-R	15R22-R
Blue	15R21-B	15R22-B
Green	15R21-G	15R22-G
Yellow	15R21-Y	15R22-Y
Orange	15R21-O	15R22-O
Brown	15R21-H	15R22-H



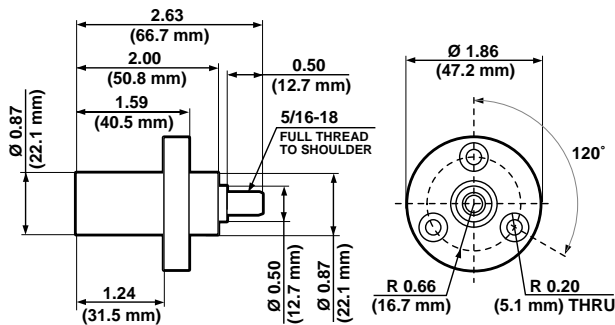
15R21-R

SPECIFICATIONS & FEATURES

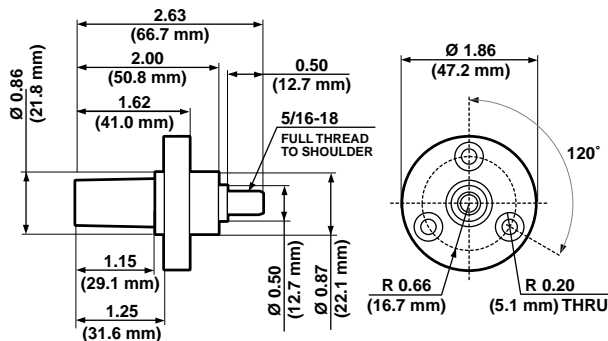
- The 15 Series Taper Nose mini-cam plugs, receptacles and connectors are tough and reliable. Primary applications include carnivals and theme parks, as well as the entertainment industry

TESTING & CODE COMPLIANCE

- UL Listed E-151429
- CSA Certified LR-76878-4
- NEMA 3R-Rated for use in outside locations



MALE PANEL RECEPTACLE THREADED STUD
Cat. No. 15R21



FEMALE PANEL RECEPTACLE THREADED STUD
Cat. No. 15R22





16D22-E



16D31-O

16 Series — Taper Nose — Up to 400 AMP,* 600V

Male Detachable Plug—Double Set Screw (Cable Size: #2-2/0)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D22-E	16D22-C	16SDM-22E
White	16D22-W	16D22-C	16SDM-22W
Red	16D22-R	16D22-C	16SDM-22R
Blue	16D22-B	16D22-C	16SDM-22B
Green	16D22-G	16D22-C	16SDM-22G
Yellow	16D22-Y	16D22-C	16SDM-22Y
Orange	16D22-O	16D22-C	16SDM-22O
Brown	16D22-H	16D22-C	16SDM-22H

Female Detachable Plug—Double Set Screw (Cable Size: #2-2/0)

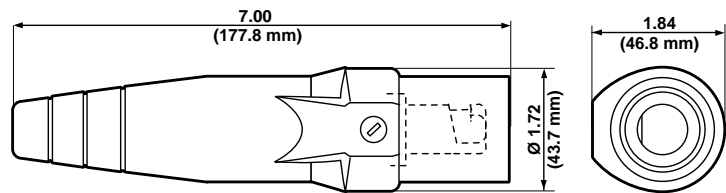
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D31-E	16D31-C	16SDF-22E
White	16D31-W	16D31-C	16SDF-22W
Red	16D31-R	16D31-C	16SDF-22R
Blue	16D31-B	16D31-C	16SDF-22B
Green	16D31-G	16D31-C	16SDF-22G
Yellow	16D31-Y	16D31-C	16SDF-22Y
Orange	16D31-O	16D31-C	16SDF-22O
Brown	16D31-H	16D31-C	16SDF-22H

SPECIFICATIONS & FEATURES

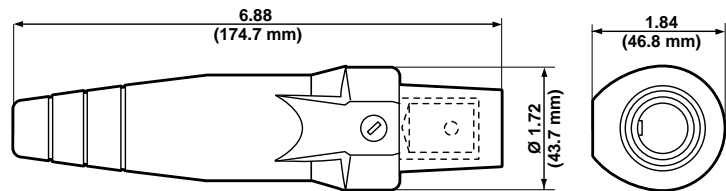
- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

TESTING & CODE COMPLIANCE

- UL Listed E-151429
- CSA Certified LR-76878-4
- NEMA 3R-Rated for use in outside locations



MALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 16D22



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 16D31



16 Series — Taper Nose — Up to 400 AMP,* 600V

Male Detachable Plug—Double Set Screw (Cable Size: 1/0-4/0)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D24-E	16D24-C	16SDM-14E
White	16D24-W	16D24-C	16SDM-14W
Red	16D24-R	16D24-C	16SDM-14R
Blue	16D24-B	16D24-C	16SDM-14B
Green	16D24-G	16D24-C	16SDM-14G
Yellow	16D24-Y	16D24-C	16SDM-14Y
Orange	16D24-O	16D24-C	16SDM-14O
Brown	16D24-H	16D24-C	16SDM-14H



16D24-Y

Female Detachable Plug—Double Set Screw (Cable Size: 1/0-4/0)

COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	16D33-E	16D33-C	16SDF-14E
White	16D33-W	16D33-C	16SDF-14W
Red	16D33-R	16D33-C	16SDF-14R
Blue	16D33-B	16D33-C	16SDF-14B
Green	16D33-G	16D33-C	16SDF-14G
Yellow	16D33-Y	16D33-C	16SDF-14Y
Orange	16D33-O	16D33-C	16SDF-14O
Brown	16D33-H	16D33-C	16SDF-14H



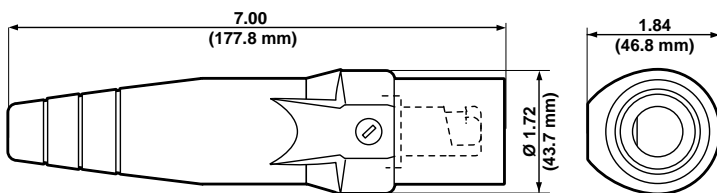
16D33-O

SPECIFICATIONS & FEATURES

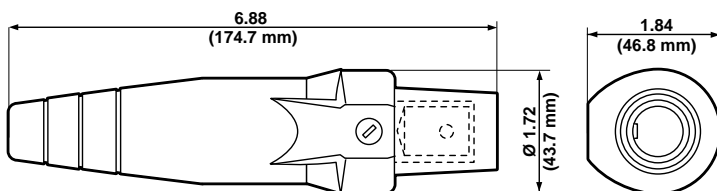
- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

TESTING & CODE COMPLIANCE

- UL Listed E-151429
- CSA Certified LR-76878-4
- NEMA 3R-Rated for use in outside locations



MALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 16D24



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 16D33





16P22-E

16 Series — Caps and Covers

Protective Caps

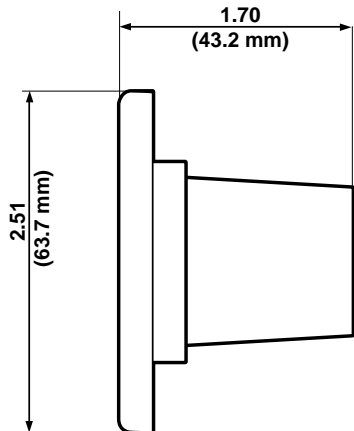
	MALE	FEMALE
COLOR	CAT. NO.	CAT. NO.
Black	16P21-E	16P22-E
White	16P21-W	16P22-W
Red	16P21-R	16P22-R
Blue	16P21-B	16P22-B
Green	16P21-G	16P22-G
Yellow	16P21-Y	16P22-Y
Orange	16P21-O	16P22-O
Brown	16P21-H	16P22-H



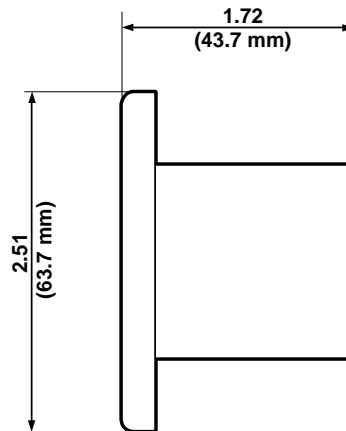
16S21-O

Snap Back Cover—for Male and Female Panel Receptacle

COLOR	CAT. NO.
Black	16S21-E
White	16S21-W
Red	16S21-R
Blue	16S21-B
Green	16S21-G
Yellow	16S21-Y
Orange	16S21-O
Brown	16S21-H



MALE PROTECTIVE CAP
Cat. No. 16P21



FEMALE PROTECTIVE CAP
Cat. No. 16P22



16 Series — Taper Nose — Up to 400 AMP,* 600V

Female Terminal Connector (Cable Size: #2-4/0)

	ANGLE STYLE	OFFSET STYLE
COLOR	CAT. NO.	CAT. NO.
Black	16F21-E	16F22-E
White	16F21-W	16F22-W
Red	16F21-R	16F22-R
Blue	16F21-B	16F22-B
Green	16F21-G	16F22-G
Yellow	16F21-Y	16F22-Y
Orange	16F21-O	16F22-O
Brown	16F21-H	16F22-H



16F21-B



16R21-R

Panel Receptacle

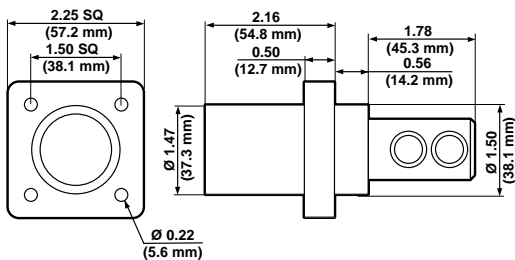
COLOR	DOUBLE SET SCREW STYLE (CABLE SIZE: 1/0-4/0)		THREADED STUD STYLE (CABLE SIZE: #2-4/0)	
	MALE	FEMALE	MALE	FEMALE
Black	16R21-E	16R22-E	16R23-E	16R24-E
White	16R21-W	16R22-W	16R23-W	16R24-W
Red	16R21-R	16R22-R	16R23-R	16R24-R
Blue	16R21-B	16R22-B	16R23-B	16R24-B
Green	16R21-G	16R22-G	16R23-G	16R24-G
Yellow	16R21-Y	16R22-Y	16R23-Y	16R24-Y
Orange	16R21-O	16R22-O	16R23-O	16R24-O
Brown	16R21-H	16R22-H	16R23-H	16R24-H

SPECIFICATIONS & FEATURES

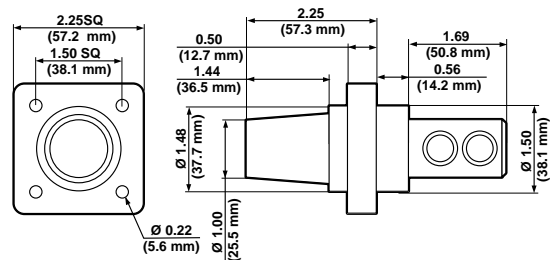
- Leviton ECT 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

TESTING & CODE COMPLIANCE
(PANEL RECEPTACLES ONLY)

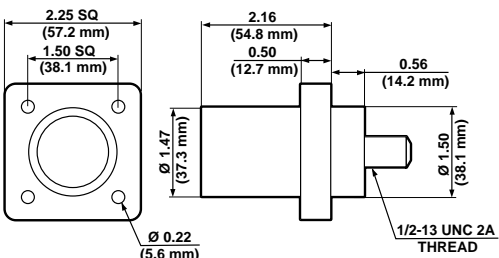
- UL Listed E-151429
- CSA Certified LR-76878-4
- NEMA 3R-Rated for use in outside locations



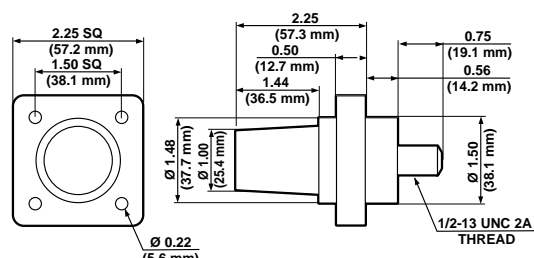
MALE DOUBLE SET SCREW PANEL RECEPTACLE
Cat. No. 16R21



FEMALE DOUBLE SET SCREW PANEL RECEPTACLE
Cat. No. 16R22



MALE THREADED STUD PANEL RECEPTACLE
Cat. No. 16R23



FEMALE THREADED STUD PANEL RECEPTACLE
Cat. No. 16R24



17D22-O



17D24-E

17 Series — Taper Nose — Up to 690 AMP,* 600V

Male Detachable Plug—Double Set Screw (Cable Size: 350-500MCM)

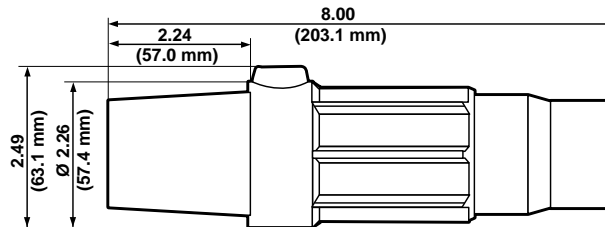
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17D22-E	17D22-C	17SDM-E
White	17D22-W	17D22-C	17SDM-W
Red	17D22-R	17D22-C	17SDM-R
Blue	17D22-B	17D22-C	17SDM-B
Green	17D22-G	17D22-C	17SDM-G
Yellow	17D22-Y	17D22-C	17SDM-Y
Orange	17D22-O	17D22-C	17SDM-O
Brown	17D22-H	17D22-C	17SDM-H

Female Detachable Plug—Double Set Screw (Cable Size: #2-2/0)

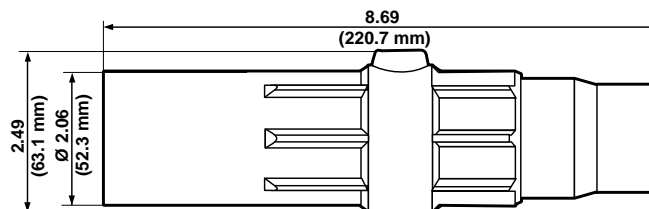
COLOR	COMPLETE CAT. NO.	CONTACT CAT. NO.	INSULATOR CAT. NO.
Black	17D24-E	17D24-C	17SDF-E
White	17D24-W	17D24-C	17SDF-W
Red	17D24-R	17D24-C	17SDF-R
Blue	17D24-B	17D24-C	17SDF-B
Green	17D24-G	17D24-C	17SDF-G
Yellow	17D24-Y	17D24-C	17SDF-Y
Orange	17D24-O	17D24-C	17SDF-O
Brown	17D24-H	17D24-C	17SDF-H

SPECIFICATIONS & FEATURES

- The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electrochemical machining equipment and other general industrial uses.



MALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 17D22



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW
Cat. No. 17D24



18 Series — Ball Nose — Up to 400 AMP,* 600V

Panel Receptacle

THREADED STUD STYLE
(CABLE SIZE: #2-4/0)
FEMALE

COLOR	CAT. NO.
Black	18R22-E
White	18R22-W
Red	18R22-R
Blue	18R22-B
Green	18R22-G
Yellow	18R22-Y
Orange	18R22-O
Brown	18R22-H



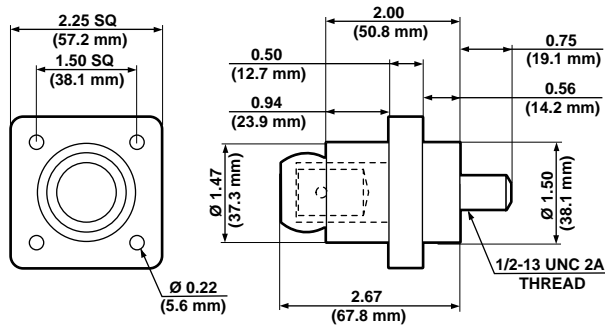
18R22-G

SPECIFICATIONS & FEATURES

- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States

TESTING & CODE COMPLIANCE

- UL Listed E-151429
- CSA Certified LR-76878-4



FEMALE THREADED STUD PANEL RECEPTACLE
Cat. No. 18R22





5266-C

15 AMP 125V 2-Pole, 3-Wire Grounding

Industrial Grade

Nylon Body	5266-C	5269-C
All-Black Nylon for <i>Stage and Studio</i>	5266-CB	5269-CB
Angle, Black Nylon Body	5266-CA	5269-CA
Flanged Inlet, White Nylon Body	5278-C	—
Flanged Outlet, White Nylon Body	—	5279-C



5356-VB

15 AMP 250V 2-Pole, 3-Wire Grounding

Industrial Grade

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 6-15P	NEMA 6-15R
Nylon Body	5666-C	5666-C
Flanged Inlet, White Nylon Body	15678-C	—
Flanged Outlet, White Nylon Body	—	15679-C

All devices are UL Listed and CSA Certified.

SPECIFICATIONS & FEATURES

Hospital Grade

- Unmatched quality and performance confirmed by rigorous UL 498 testing

- Clearly identified by green dot

Industrial Grade

- Rugged construction resists impact, sunlight, chemicals and rough use
- All contacts are solid one-piece brass for better conductivity
- Triple-wipe, heavy-duty power contacts set in deep pockets to resist damage
- Captive, color-coded brass #8 terminal screws
- Unique cord clamp accepts wide range of cable sizes, grips securely without tearing cord jackets: 10-3ST-18-3SVT (.245"-.700" OD)

TESTING & CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets UL Fed. Spec. requirements: Industrial Plugs & Connectors (File #13393); Hospital Grade (UL 498, File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C

PYTHON™ PLUGS AND CONNECTORS Python™ Plugs and Connectors Feature a Hinged Design for Fast, Easy Installation and Assembly

15 AMP 125V 2-Pole, 3-Wire Grounding

Industrial Grade

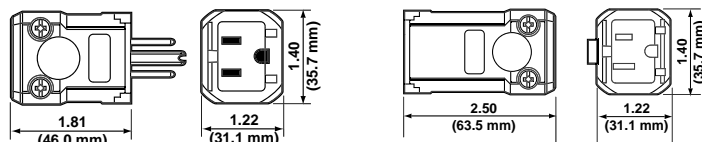
DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 5-15P	NEMA 5-15R
All Black Nylon Body for <i>Stage and Studio</i>	5256-VB	5259-VB

20 AMP 125V 2-Pole, 3-Wire Grounding

Industrial Grade

DESCRIPTION	CAT. NO. PLUG	CAT. NO. CONNECTOR
	NEMA 5-20P	NEMA 5-20R CSA config. in Canada
All Black Nylon Body for <i>Stage and Studio</i>	5356-VB	5359-VB

All devices are UL Listed and CSA Certified.



Cat. No. 5256-VY

Cat. No. 5259-VY



20 AMP 125V 2-Pole, 3-Wire Grounding

Industrial Grade

Nylon Body	5366-C	5369-C
Flanged Inlet, White Nylon Body	15378-C	—
Flanged Outlet, White Nylon Body	—	15379-C

20 AMP 250V 2-Pole, 3-Wire Grounding

Hospital Grade

DESCRIPTION	CAT. NO. PLUG NEMA 6-20P	CAT. NO. CONNECTOR NEMA 6-20R
Hospital Grade Angle, Transparent Body	8415-CAT	—

Industrial Grade

Nylon Body	5466-C	5469-C
Flanged Inlet, White Nylon Body	5478-C	—
Flanged Outlet, White Nylon Body	—	5479-C

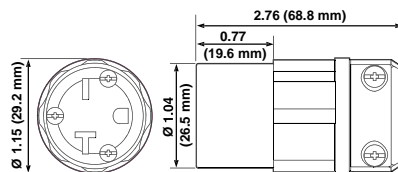
All devices are UL Listed and CSA Certified.



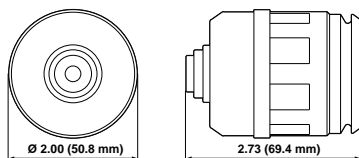
5369-C



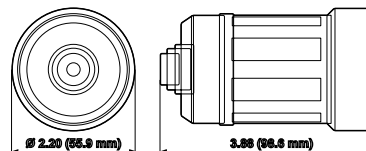
5466-C



Cat. No. 5469-C



Cat. No. 6017



Cat. No. 6018

SPECIFICATIONS & FEATURES

Hospital Grade

- Unmatched quality and performance confirmed by rigorous UL 498 testing

- Clearly identified by green dot

Industrial Grade

- Rugged construction resists impact, sunlight, chemicals and rough use
- All connector contacts are solid one-piece brass for better conductivity
- Triple-wipe, heavy-duty power contacts set in deep pockets to resist damage
- Captive, color-coded brass #8 terminal screws
- Unique cord clamp accepts wide range of cable sizes, grips securely without tearing cord jackets: 10-3ST-18-3SVT (.245"-.700")

TESTING & CODE COMPLIANCE

- Meet NEMA WD 1 & 6, ANSI requirements
- UL Listed & meets Fed. Spec. requirements: Industrial Plugs & Connectors (File #13393); Hospital Grade (UL 498, File #E-13393)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C





5252-BLU



5262-I

SPECIFICATIONS & FEATURES

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Locked-in mounting strap
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- Back and side-wiring options
- Brass terminal screws to reduce conductor oxidation
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamps for superior contact and conductivity

TESTING & CODE COMPLIANCE

- UL Listed 498 (UL File #13393); UL Federal Specification WC-596
- CSA Certified where applicable (CSA File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty

COLOR

Basic Cat. Nos. shown above denote Brown color device. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Red (-R), Gray (-GY), Black (-E) and Blue (-BU).

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C (without impact) to 65°C maximum continuous

Back and Side Wired (**Basic Cat. No. Denotes Brown Device***)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
	5-15R	6-15R	5-20R	6-20R
Slim Design Duplex Receptacle	5252 I, W, GY, R, E, BU, A	—	5352 I, W, GY, R, E, BU, A	—

Note: Single Receptacles meet Federal Specifications WC-596 but have a different construction and design than Duplex Receptacles listed above.

Side Wired (**Basic Cat. No. Denotes Brown Device***)

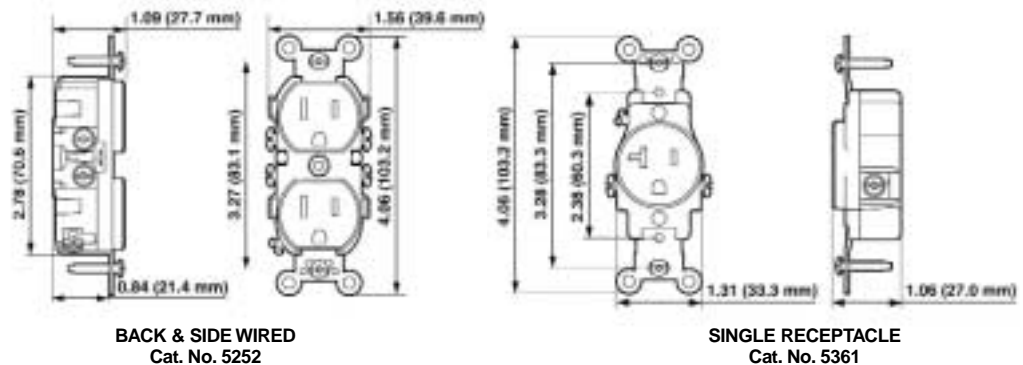
DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
Single Receptacle	5251 	5651	5351 	—

All devices are UL Listed and CSA Certified.

Back and Side Wired Dual Voltage (**Basic Cat. No. Denotes Brown Device***)

DESCRIPTION	RATING	CAT. NO.	COLOR
Duplex Receptacle	15A 125V/15A 250V	5292	





All devices are UL Listed and CSA Certified.



BACK & SIDE WIRED
Cat. No. 5252

SINGLE RECEPTACLE
Cat. No. 5361

Back and Side Wired (Basic Cat. No. Denotes Brown Device*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
	5-15R 	6-15R 	5-20R 	6-20R 
Duplex Receptacle 1-Piece Nickel-Plated Brass Strap	8200 I, W, GY, R	8600 I	8300 I, W, GY, R, E	8400 I
Single Receptacle	8210 I, W, R	—	8310 I, W, GY, R	—
Slim Design Receptacle	8200-H I, W, GY, R	—	8300-H I, W, GY, R	—
Duplex Receptacle, Tamper-Resistant	8200-SG I, W, G, R	—	8300-SG I, W, G, R	—
Illuminated Duplex Receptacle	8200-HL I, W, R, No Brown	—	8300-HL I, W, R, No Brown	—
Pilot Light Duplex Receptacle	8200-PL I, W, R, No Brown	—	8300-PL I, W, R, No Brown	—

Note: Single, Slim Design, Illuminated, Pilot Light and Tamper-Resistant Receptacles meet specifications for UL Hospital Grade listing but have a different construction and design from standard Hospital Grade Duplex Receptacles listed above.

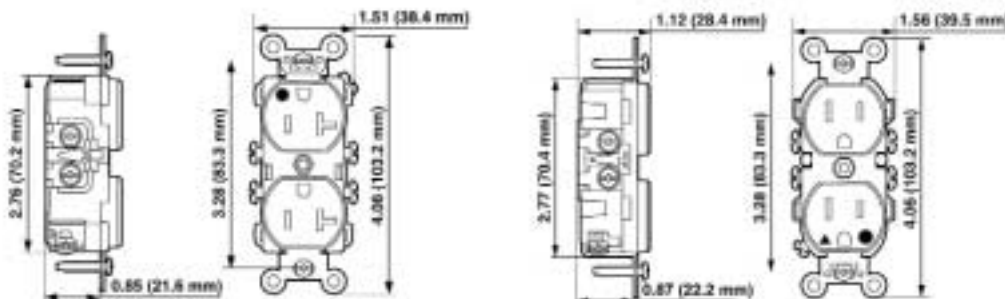
Isolated Ground Receptacles (Basic Cat. No. Denotes Orange Device*)

DESCRIPTION	CAT. NO./COLOR 15A/125V	CAT. NO./COLOR 15A/250V	CAT. NO./COLOR 20A/125V	CAT. NO./COLOR 20A/250V
Duplex Receptacle	8200-IG B, I, W, G, R	—	8300-IG B, I, W, G, R	—
Duplex Receptacle w/6" Ground Lead	8200-LIG Orange Only	—	8300-LIG Orange Only	—
Single Receptacle	8210-IG Orange Only	—	8310-IG Orange Only	—

Wallplates for Isolated Ground Receptacles (Engraved with "Isolated Ground")

DESCRIPTION	CAT. NO.	COLOR
1-Gang 1-Duplex Receptacle	80703-IG	I,W
1-Gang 1-Single Receptacle with 1.406" dia. hole	80703-IG	I,W

All devices are UL Listed and CSA Certified.



HOSPITAL GRADE
Cat. No. 8300

HOSPITAL GRADE ISOLATED GROUND
Cat. No. 8200-IG



8300-SGR



8200-IG

SPECIFICATIONS & FEATURES

- Impact-resistant thermoplastic nylon cover and body
- Smooth face does not collect dirt
- Four corner latches securely fasten face
- Large, triple-wipe, brass "T" contacts for superior contact and conductivity
- High performance brass #10-32 terminal screws to reduce conductor oxidation
- Back and side-wire ground termination brass strap version
- Break-off tabs for easy two-circuit conversion
- Apron barrier to prevent accidental contact between terminal screw heads and metal box
- Exclusive V-shaped, serrated back-wiring clamps for superior contact

TESTING & CODE COMPLIANCE

- UL Listed 498 for Hospital Grade (UL File #13393); UL Federal Specification WC-596
- CSA Certified where applicable (CSA File #LR-406)
- NOM Certified (#057)
- Meets NEMA WD-1 & 6, and ANSI standards
- Backed by a Limited 10-Year Warranty

COLOR

Basic Cat. Nos. shown above denote Brown for Hospital Grade and Orange for Isolated Ground (-IG) Devices. Isolated Ground Receptacle is distinguished by an orange triangle on its face. For other color selections, add suffix to the catalog number as follows: Ivory (-I), White (-W), Brown (for IG devices only, add -B), Red (-R), Gray (-G or -GY) and Black (-E).

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C (without impact) to 65°C maximum continuous







4720-C



4729-C

15 AMP Locking Devices

15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Duplex Flush Receptacle, Self Grounding, Back and Side Wired	4700			
Single Flush Receptacle	4710**			NEMA 5-15R 
Single Flush Receptacle Isolated Ground	4710-IG**			NEMA 5-15P 
Locking Flanged Outlet	4715-C			
Locking Flanged Inlet	4716-C			
Locking Plug, Nylon Body	4720-C	.245-.700	10-18	
Angle Locking Plug, Nylon Body	4720-CA	.245-.700	10-18	
Locking Plug, All Black for Stage and Studio	4720-CB	.245-.700	10-18	
Locking Connector, Nylon Body	4729-C	.245-.700	10-18	
Locking Connector, All Black for Stage and Studio	4729-CB	.245-.700	10-18	

**Uses stainless steel wallplate, Cat. No. 84004-40. All devices are UL Listed and CSA certified.

SPECIFICATIONS & FEATURES

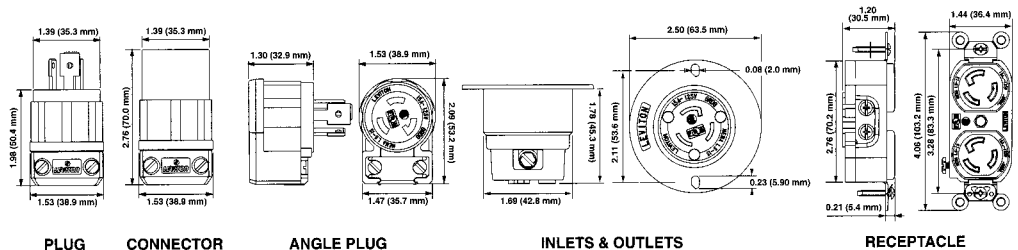
- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings.
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #13393 – Cat. Nos. 2447, 2547, 4716, 4720, 4729; File #13399 – Cat. Nos. 4700, 4710, 4715)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 75°C





Cat. No. C-518B/D1eg



15 AMP Locking Devices



15 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Duplex Flush Receptacle, Self Grounding, Back and Side Wired	4550			
Single Flush Receptacle	4560**			
Locking Plug, Nylon Body	4570-C	.245-.700	10-18	NEMA 6-15R 
Locking Connector, Nylon Body	4579-C	.245-.700	10-18	NEMA 6-15P 
Locking Flanged Outlet	4585-C			
Locking Flanged Inlet	4586-C			



4570-CA

15 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	4760**			
Single Flush Receptacle Isolated Ground	4760-IG**			
Locking Plug, Nylon Body	4770-C	.245-.700	10-18	NEMA 7-15R 
Locking Connector, Nylon Body	4779-C	.245-.700	10-18	NEMA 7-15P 
Locking Flanged Outlet	4785-C			
Locking Flanged Inlet	4786-C			



4579-C

**Uses stainless steel wallplate, Cat. No. 84004-40.
All devices are UL Listed and CSA certified.

SPECIFICATIONS & FEATURES

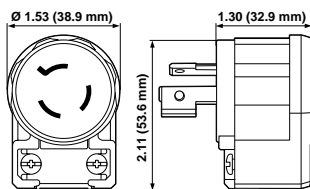
- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings.
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

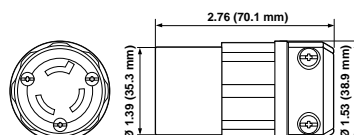
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #E-13393 – Cat. Nos. 4550, 4560, 4585-C, 4750, 4760, 4785-C; File #E-13399 – Cat. Nos. 4570, 4579, 4586-C, 4770, 4779, 4786-C)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 75°C

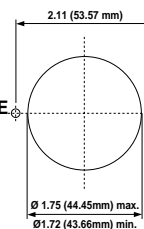


Cat. No. 4570-CA



Cat. No. 4579-C

**SUGGESTED PANEL
OPENING FOR 15A,
20A STRAIGHT BLADE
AND 15A LOCKING
FLANGED INLETS
AND OUTLETS**





2310

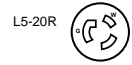


2313

20 AMP Locking Devices

20 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2310†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2310-IG†			
Locking Plug, Nylon Body	2311	.385-.780	10-18	L5-20R
Locking Plug, all Black for <i>Stage and Studio</i>	2311-B	.385-.780	10-18	L5-20P
Locking Connector, Nylon Body	2313	.385-.780	10-18	
Locking Connector, all Black for <i>Stage and Studio</i>	2313-B	.385-.780	10-18	
Locking Flanged Inlet	2315			
Locking Flanged Outlet	2316			



••Uses stainless steel wallplate, Cat. No. 84004-40. †Uses stainless steel wallplate, Cat. No. 84020-40. All devices are UL Listed. Also CSA certified except where indicated by★

SPECIFICATIONS & FEATURES

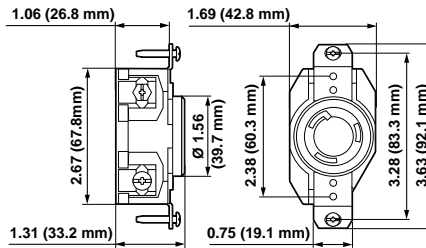
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

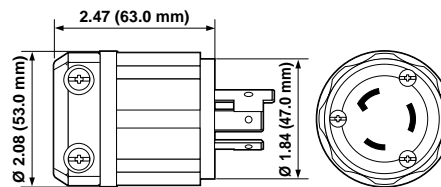
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #E-13393 – Cat. Nos. 4870, 2310, 2316; File #E-13399 – Cat. Nos. 4880-C, 4889-C, 2311, 2313, 2315)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

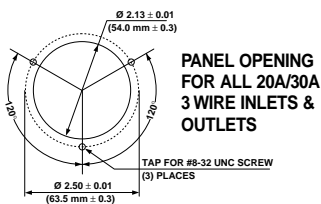
Environmental: Flammability per UL94 or CSA C22/06 Requirements
 Operating Temperature: -40°C to 75°C



SINGLE LOCKING RECEPTACLE
 Cat. No. 2310





LOCKING PLUG
 Cat. No. 2311



20 AMP Locking Devices



20 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2320†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2320-IG†			
Locking Plug, Nylon Body	2321	.385-.780	10-18	L6-20R 
Locking Connector, Nylon Body	2323	.385-.780	10-18	L6-20P 
Locking Flanged Inlet	2325			
Locking Flanged Outlet	2326			



2411



20 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2330†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2330-IG†			
Locking Plug, Nylon Body	2331	.385-.780	10-18	L7-20R 
Locking Connector, Nylon Body	2333	.385-.780	10-18	L7-20P 
Locking Flanged Inlet	2335			
Locking Flanged Outlet	2336			



2413

20 AMP 480V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2340†			
Single Flush Receptacle, Isolated Ground	2340-IG†			
Locking Plug, Nylon Body	2341	.385-.780	10-18	L8-20R 
Locking Connector, Nylon Body	2343	.385-.780	10-18	L8-20P 
Locking Flanged Inlet	2325			
Locking Flanged Outlet	2346			

†Uses stainless steel wallplate, Cat. No. 84020-40.
All devices are UL Listed except where indicated by★. Also CSA certified.

SPECIFICATIONS & FEATURES

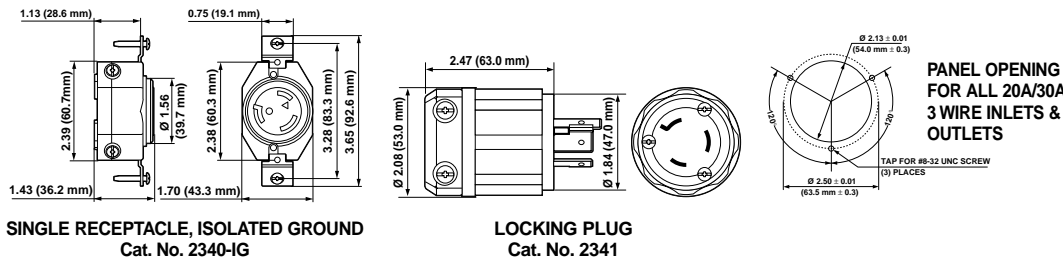
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #E-13393 – Cat. Nos. 2320, 2326, 2330, 2336, 3720, 3756, 2335, 2340, 2346; File #E-13399 – Cat. Nos. 2321, 2323, 2325, 2331, 2333, 2335, 3721, 3723, 3755, 2341, 2343, 2345)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 75°C







2411





2413

20 AMP Locking Devices



20 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2410†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2410-IG†			
Locking Plug, Nylon Body	2411	.595-.895	10-18	L14-20R 
Locking Connector, Nylon Body	2413	.595-.895	10-18	L14-20P 
Locking Flanged Inlet	2415			
Locking Flanged Outlet	2416			

20 AMP 3Ø 250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2420†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2420-IG†			L15-20R 
Locking Plug, Nylon Body	2421	.595-.895	10-18	L15-20P 
Locking Connector, Nylon Body	2423	.595-.895	10-18	
Locking Flanged Inlet	2425			
Locking Flanged Outlet	2426			

20 AMP 3Ø 480V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2430†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2430-IG†			L16-20R 
Locking Plug, Nylon Body	2431	.595-.895	10-18	L16-20P 
Locking Connector, Nylon Body	2433	.595-.895	10-18	
Locking Flanged Inlet	2435			
Locking Flanged Outlet	2436			

†Uses stainless steel wallplate, Cat. No. 84020-40.

All devices are UL Listed except where indicated by ★. Also CSA certified.

SPECIFICATIONS & FEATURES

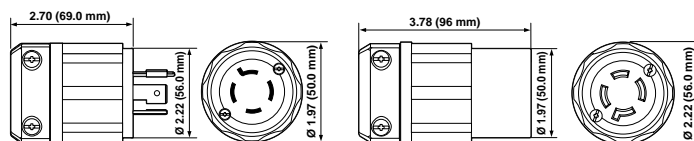
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 2410, 2416, 2420, 2426, 2430, 2436, 2440, 2446; File #E-13393 — Cat. Nos. 2411, 2413, 2415, 2421, 2423, 2425, 2431, 2433, 2435, 2441, 2443, 2445)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

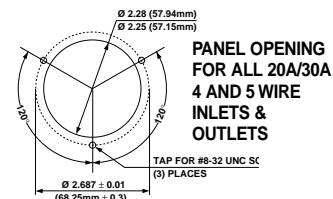
MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 75°C



LOCKING PLUG
Cat. No. 2411

LOCKING CONNECTOR
Cat. No. 2413



PANEL OPENING
FOR ALL 20A/30A
4 AND 5 WIRE
INLETS &
OUTLETS

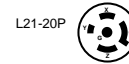
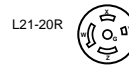
TAP FOR #8-32 UNC SC
(3) PLACES



20 AMP Locking Devices

20 AMP 600V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2350†			
Single Flush Receptacle, Isolated Ground	2350-IG†			
Locking Plug, Nylon Body	2351	.385-.780	10-18	
Locking Connector, Nylon Body	2353	.385-.780	10-18	
Locking Flanged Inlet	2355			
Locking Flanged Outlet	2356			



2523



2525

†Uses stainless steel wallplate, Cat. No. 84020-40.

All devices are UL Listed. Also CSA certified except where indicated by★

20 AMP Locking Devices

20 AMP 3ØY 120/208V 4-Pole 5-Wire Grounding

DESCRIPTION NEMA (stranded)	CAT. NO. CONFIG.	CORD DIA. (inches)	WIRE GAUGE (inches)	NEMA CONFIG.
Single Flush Receptacle	2510†			
Single Flush Receptacle, Isolated Ground	2510-IG†			
Locking Plug, Nylon Body	2511	.595-.895	10-18	
Locking Connector, Nylon Body	2513	.595-.895	10-18	
Locking Flanged Inlet	2515			
Locking Flanged Outlet	2516			



SPECIFICATIONS & FEATURES

- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #13399 – Cat. Nos. 2450, 2456, 2460, 2466, 2510, 2516, 2520, 2526; File #13393 – Cat. Nos. 2451, 2453, 2455, 2461, 2463, 2465, 2511, 2513, 2515, 2521, 2523, 2525)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

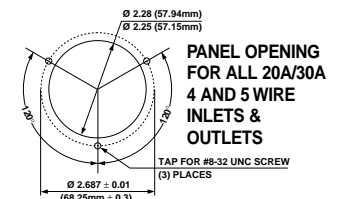
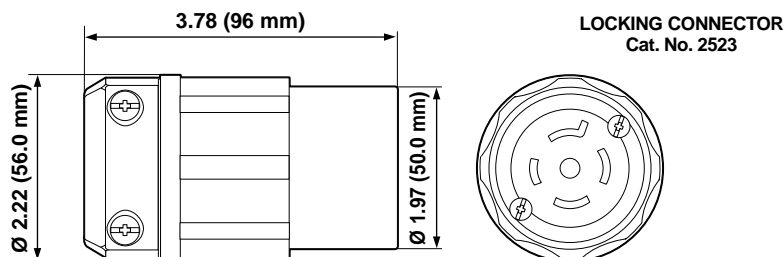
Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 75°C

20 AMP 3ØY 277/480V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2520†			
Single Flush Receptacle, Ground	2520-IG†			Isolated
Locking Plug, Nylon Body	2521	.595-.895	10-18	
Locking Connector, Nylon Body	2523	.595-.895	10-18	
Locking Flanged Inlet	2525			
Locking Flanged Outlet	2526			

†Uses stainless steel wallplate, Cat. No. 84020-40.

All devices are UL Listed. Also CSA certified.



INDUSTRIAL
SPECIFICATION GRADE



2610



2611

SPECIFICATIONS & FEATURES

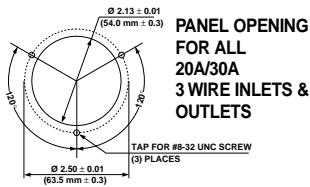
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 2530, 2546, 2610, 2616, 2620, 2626F; File #E-13393 — Cat. Nos. 2531, 2533, 2545, 2611, 2613, 2615, 2621, 2623, 2625F)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
 Operating Temperature: -40°C to 75°C



20 AMP Locking Devices

20 AMP 3ØY 347/600V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2530†			
Single Flush Receptacle, Isolated Ground	2530-IG†			L23-20R
Locking Plug, Nylon Body	2531	.595-.895	10-18	
Locking Connector, Nylon Body	2533	.595-.895	10-18	
Locking Flanged Inlet	2545			L23-20P
Locking Flanged Outlet	2546			

30 AMP Locking Devices

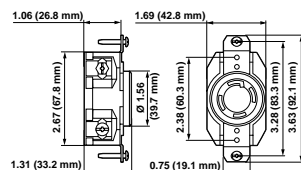
30 AMP 125V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2610†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2610-IG†			
Locking Plug, Nylon Body	2611	.385-.860	10-18	
Locking Plug, All Black for Stage and Studio	2611-B	.385-.860	10-18	L5-30R
Locking Connector, Nylon Body	2613	.385-.860	10-18	
Locking Connector, All Black for Stage and Studio	2613-B	.385-.860	10-18	L5-30P
Locking Flanged Inlet	2615			
Locking Flanged Outlet	2616			

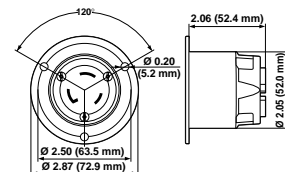
30 AMP 250V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2620†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2620-IG†			
Locking Plug, Nylon Body	2621	.385-.860	10-18	
Locking Plug, All Black for Stage and Studio	2621-B	.385-.860	10-18	L6-30R
Locking Connector, Nylon Body	C2623	.385-.860	10-18	
Locking Connector, All Black for Stage and Studio	C2623-B	.385-.860	10-18	L6-30P
Locking Flanged Inlet	2625F			
Locking Flanged Outlet	2626F			

†Uses stainless steel wallplate, Cat. No. 84020-40.
 All devices are UL Listed except where indicated by ★. Also CSA certified.





SINGLE LOCKING RECEPTACLE
 Cat. No. 2610



LOCKING FLANGED INLET
 Cat. No. 2615

30 AMP Locking Devices

30 AMP 277V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2630†			
Single Flush Receptacle, Isolated Ground	2630-IG†			L7-30R 
Locking Plug, Nylon Body	2631	.385-.860	10-18	
Locking Connector, Nylon Body	2633	.385-.860	10-18	L7-30P 
Locking Flanged Inlet	2635			
Locking Flanged Outlet	2636			





2661





2663



30 AMP 480V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2640†			
Single Flush Receptacle, Isolated Ground	2640-IG†			L8-30R 
Locking Plug, Nylon Body	2641	.385-.860	10-18	
Locking Connector, Nylon Body	2643	.385-.860	10-18	L8-30P 
Locking Flanged Inlet	2645			
Locking Flanged Outlet	2646			

30 AMP 600V 2-Pole 3-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2650†			
Single Flush Receptacle, Isolated Ground	2650-IG†			L9-30R 
Locking Plug, Nylon Body	C2651	.385-.860	10-18	
Locking Connector, Nylon Body	C2653	.385-.860	10-18	L9-30P 
Locking Flanged Inlet	2655			
Locking Flanged Outlet	2656			

30 AMP 125/250V 3-Pole 3-Wire Non-Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle★	2660-A†			L10-30R 
Locking Plug, Nylon Body★	2661	.385-.860	10-18	
Locking Connector, Nylon Body★	2663	.385-.860	10-18	L10-30P 
Locking Flanged Inlet★	2665			
Locking Flanged Outlet★	2666			

†Uses stainless steel wallplate, Cat. No. 84020-40.

All devices are UL Listed. Also CSA certified except where indicated by★

SPECIFICATIONS & FEATURES

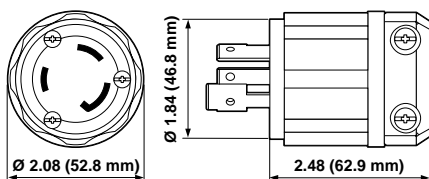
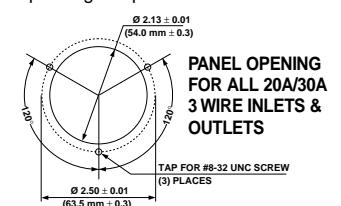
- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

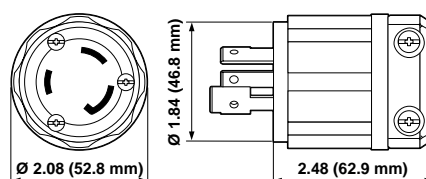
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #E-13399 – Cat. Nos., 2630, 2636, 2640, 2646, 2650, 2656, 2660, 2666; File #E-13393 – Cat. Nos. 2631, 2633, 2635, 2641, 2643, 2645 C2651, C2653, 2655, 2661, 2663, 2665)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 75°C



LOCKING PLUG
Cat. No. 2661



LOCKING CONNECTOR
Cat. No. 2663





2710



2716

30 AMP Locking Devices

30 AMP 125/250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2710†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2710-IG†			
Locking Plug, Nylon Body	2711	.595-1.150	10-18	L14-30R 
Locking Connector, Nylon Body	2713	.595-1.150	10-18	L14-30P 
Locking Flanged Inlet	2715			
Locking Flanged Outlet	2716			

†Uses stainless steel wallplate, Cat. No. 84020-40.
All devices are UL Listed except where indicated by ★. Also CSA certified.

SPECIFICATIONS & FEATURES

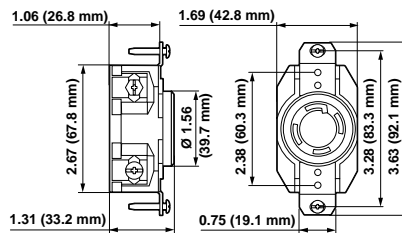
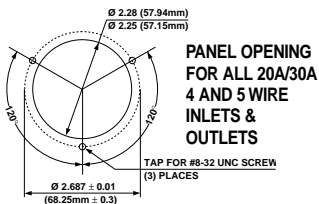
- V-0-MAX™ Locking Receptacles carry a UL 94 V-0 Flammability Rating, the best rating of any material used in Industrial Locking Flush Receptacle available today
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

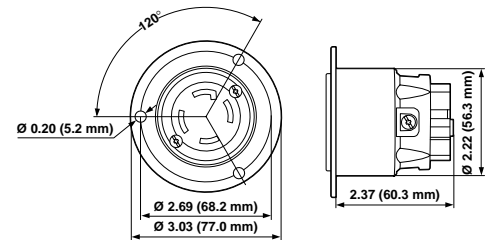
- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #13399 – Cat. Nos. 2670, 2676, 2680, 2686, 2690, 2696 2710, 2716; File #E-13393 – Cat. Nos., 2671, 2673, 2675, 2681, 2683, 2685, 2691, 2693, 2695, 2711, 2713, 2715)
- CSA Certified (File #LR-406)
- NOM Certified (File #057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 75°C



SINGLE RECEPTACLE
Cat. No. 2710





LOCKING FLANGED OUTLET
Cat. No. 2716



30 AMP Locking Devices



30 AMP 3Ø 250V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2720†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2720-IG†			L15-30R 
Locking Plug, Nylon Body	2721	.595–1.150	10–18	
Locking Connector, Nylon Body	2723	.595–1.150	10–18	L15-30P 
Locking Flanged Inlet	2725			
Locking Flanged Outlet	2726			



2730

30 AMP 3Ø 480V 3-Pole 4-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
V-0-MAX™ Single Flush Receptacle	2730†			
V-0-MAX™ Single Flush Receptacle, Isolated Ground	2730-IG†			L16-30R 
Locking Plug, Nylon Body	2731	.595–1.150	10–18	
Locking Connector, Nylon Body	2733	.595–1.150	10–18	L16-30P 
Locking Flanged Inlet	2735			
Locking Flanged Outlet★	2736			



2731

†Uses stainless steel wallplate, Cat. No. 84020-40.
All devices are UL Listed except where indicated by★. Also CSA certified.

SPECIFICATIONS & FEATURES

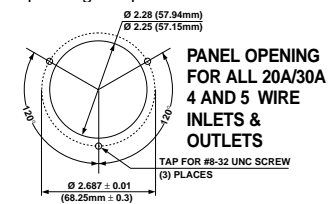
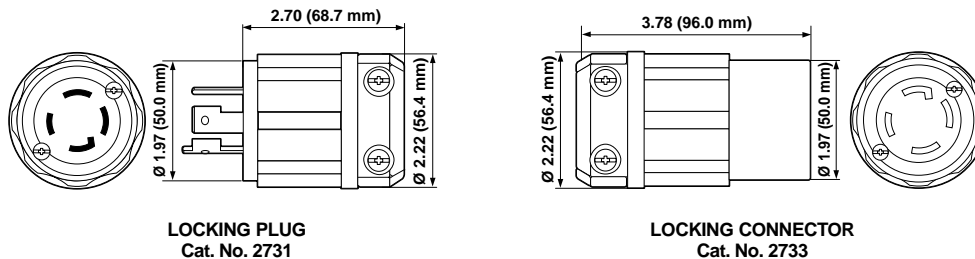
- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed. Spec. Listed WC-596 (File #E-13399 – Cat. Nos., 2720, 2726, 2730, 2736, 2740, 2746, 2750, 2756; File # E-13393 – Cat. Nos., 2721, 2723, 2725, 2731, 2733, 2735, 2741, 2743, 2745, 2751, 2753, 2755)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 75°C







2761





2763

30 AMP Locking Devices



30 AMP 3ØY 120/208V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2810†			L21-30R 
Single Flush Receptacle, Isolated Ground	2810-IG†			
Locking Plug, Nylon Body	2811	.595–1.150	10–18	L21-30P 
Locking Connector, Nylon Body	2813	.595–1.150	10–18	
Locking Flanged Inlet	2815			
Locking Flanged Outlet	2816			

30 AMP 3ØY 277/480V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2820†			L22-30R 
Single Flush Receptacle, Isolated Ground	2820-IG†			
Locking Plug, Nylon Body	2821	.595–1.150	10–18	L22-30P 
Locking Connector, Nylon Body	2823	.595–1.150	10–18	
Locking Flanged Inlet	2825			
Locking Flanged Outlet	2826			

30 AMP 3ØY 347/600V 4-Pole 5-Wire Grounding

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NEMA CONFIG.
Single Flush Receptacle	2830†			L23-30R 
Single Flush Receptacle, Isolated Ground	2830-IG			
Locking Plug, Nylon Body	2831	.595–1.150	10–18	L23-30P 
Locking Connector, Nylon Body	2833	.595–1.150	10–18	
Locking Flanged Inlet	2835			
Locking Flanged Outlet	2836			

SPECIFICATIONS & FEATURES

- Locking Receptacles feature a complete range of ratings and NEMA configurations, including isolated ground and non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

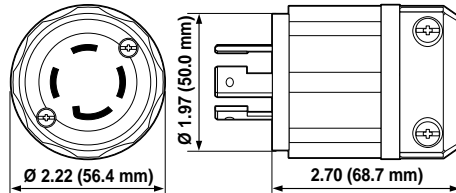
TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 2760, 2766, 2770, 2776, 2810, 2816, 2820, 2826, 2830, 2836; File #E-13393 — Cat. Nos. 2761, 2763, 2765, 2771, 2773, 2775, 2811, 2813, 2815, 2821, 2823, 2825, 2831, 2833, 2835)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

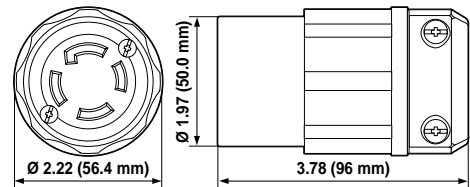
MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
 Operating Temperature: -40°C to 75°C

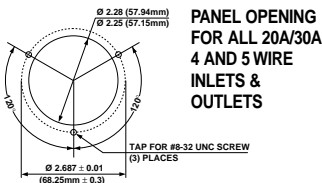
†Uses stainless steel wallplate, Cat. No. 84020-40.
 All devices are UL Listed. Also CSA certified.



LOCKING PLUG
 Cat. No. 2761





LOCKING CONNECTOR
 Cat. No. 2763



PANEL OPENING
 FOR ALL 20A/30A
 4 AND 5 WIRE
 INLETS &
 OUTLETS

20 AMP Non-NEMA Locking Devices



20 AMP 125V/250V 3-Pole 3-Wire Non-Grounding Non-NEMA^{††}

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle★	7310-BΔ			
Locking Plug★	9965-C	.385-.780	10-18	NON-NEMA 
Locking Connector★	7314-C	.385-.780	10-18	
Locking Flanged Inlet★	3325-C			NON-NEMA 
Locking Flanged Outlet★	3326-C			



7410-B

20 AMP 3ØY 120V/208V 4-Pole 4-Wire Non-Grounding Non-NEMA^{††}

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Locking Plug★	7411-C	.595-.895	10-18	NON-NEMA 
Locking Connector★	7413-C	.595-.895	10-18	
Locking Flanged Inlet★	7408-C			NON-NEMA 
Locking Flanged Outlet★	7409-C			



7411-C



^{††}Effective July 1, 1981, rating for non-grounding versions was changed from 20A-250V AC/DC, 10A-600V AC to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 20A-250V AC/DC, 10A-600V AC and are no longer UL Listed — for replacement use only.

ΔUses stainless steel wallplate, Cat. No. 84020-40.

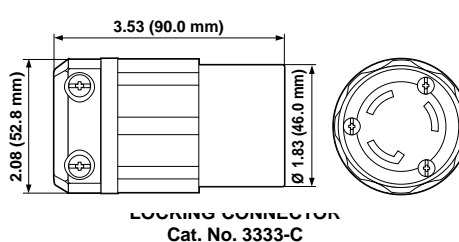
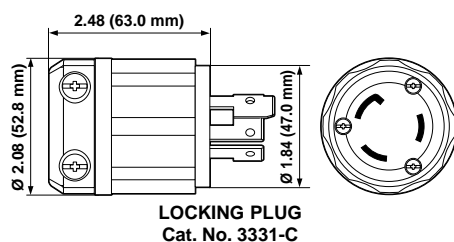
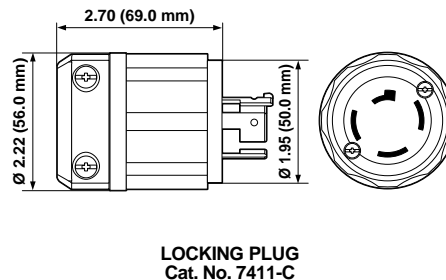
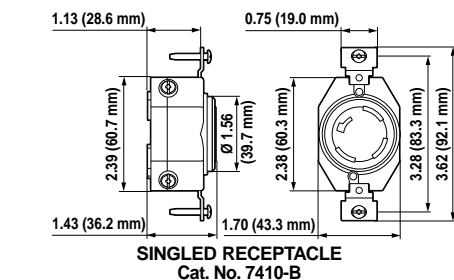
All devices are UL Listed. Also CSA certified except where indicated by★

30 AMP Non-NEMA Locking Devices

30 AMP 3ØY 120V/208V 4-Pole 4-Wire Non-Grounding Non-NEMA^{††}

DESCRIPTION	CAT. NO.	CORD DIA. (inches)	WIRE GAUGE (stranded)	NON-NEMA CONFIG.
Single Flush Receptacle★	3430**			
Locking Plug★	3431-C	.595-.1.150	10-18	
Locking Connector★	3433-C	.595-.1.150	10-18	
Locking Flanged Inlet★	3434-C			NON-NEMA 
Locking Flanged Outlet★	3435-C			NON-NEMA 

^{††}Effective July 1, 1981, rating for non-grounding versions was changed from 30A-250V AC/DC, 30A-600V AC to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 30A-250V AC/DC, 30A-600V AC and are no longer UL Listed — for replacement use only. All devices are UL Listed. Also CSA certified except where indicated by★



SPECIFICATIONS & FEATURES

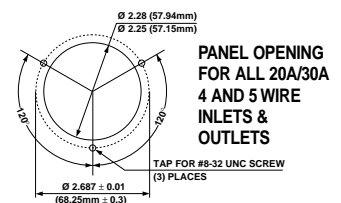
- Locking Receptacles feature a complete range of ratings and Non-NEMA configurations, non-grounding
- Locking Plugs and Connectors feature heavy-duty construction for top performance in the environmental extremes of grueling industrial settings
- Flanged Inlets and Outlets are built to endure hard use with rugged nylon flanges that assure a smooth, flush fit and outstanding resistance to cracking and breaking

TESTING & CODE COMPLIANCE

- All receptacles, plugs, connectors, inlets and outlets are designed to meet NEMA WD-6, and ANSI C-73, and to meet/exceed UL 498 standards
- UL Fed Spec. Listed WC-596 (File #E-13399 — Cat. Nos. 7582, 7557, 3520, 2525-C, 7310-B, 3326-C, 7410-B, 7409-C; File #E-13393 — Cat. Nos. 7567-C, 7565-C, 7556, 3521-C, 3523-C, 3524-C, 9965-C, 7314-C, 3325-C, 7411-C, 7413-C, 7408-C)
- CSA Certified (File #LR-406)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

MATERIAL CHARACTERISTICS

Environmental: Flammability per UL94 or CSA C22/06 Requirements
Operating Temperature: -40°C to 75°C





A9612025BP

Extension Cords

Power Runner

DESCRIPTION	CAT. NO.
12/3 STW 25 FT Power Runner Black	A9612025BP

SJOOW Tru-Rubber™ Cords (Best)

- Heavy-Duty Rubber Jacketing Offers Extreme Durability
- Super Supple Cord Coils and Straightens without Kinks
- Flame Resistant Cord Does Not Support Combustion
- Longest Lasting, Toughest Cord Available

DESCRIPTION	CAT. NO.
16/3 SJOOW Outdoor Ext Cord Black w/Yellow Tru-Link™ Ends 25 ft	C3426025BL
16/3 SJOOW Outdoor Ext Cord Black w/Yellow Tru-Link™ Ends 50 ft	C3426050BL
16/3 SJOOW Outdoor Ext Cord Black w/Yellow Tru-Link™ Ends 100 ft	C3426100BL
14/3 SJOOW Outdoor Ext Cord Black w/Yellow Tru-Link™ Ends 25 ft	C3424025BL
14/3 SJOOW Outdoor Ext Cord Black w/Yellow Tru-Link™ Ends 50 ft	C3424050BL
14/3 SJOOW Outdoor Ext Cord Black w/Yellow Tru-Link™ Ends 100 ft	C3424100BL
12/3 SJOOW Outdoor Ext Cord Black w/Yellow Tru-Link™ Ends 25 ft	C3422025BL
12/3 SJOOW Outdoor Ext Cord Black w/Yellow Tru-Link™ Ends 50 ft	C3422050BL
12/3 SJOOW Outdoor Ext Cord Black w/Yellow Tru-Link™ Ends 100 ft	C3422100BL



C3426050BL

SJEOW Tuf-Flex® Cords (Better)

- Tuff-Flex All-Weather Cord Material Stays Flexible From -58 F to +221F
- Oil/Water/Abrasion/Ozone & UV Resistant
- 20% Lighter Than Other Cords
- Super Flexible

DESCRIPTION	CAT. NO.
16/3 SJEOW Outdoor Ext Cord Black 25 ft	C3305025BL
16/3 SJEOW Outdoor Ext Cord Black 50 ft	C3305050BL
16/3 SJEOW Outdoor Ext Cord Black 100 ft	C3305100BL
12/3 SJEOW Outdoor Ext Cord Black 25 ft	C3312025BL
12/3 SJEOW Outdoor Ext Cord Black 50 ft	C3312050BL
12/3 SJEOW Outdoor Ext Cord Black 100 ft	C3312100BL



C3918012BL

SJTW General Purpose Cords (Good)

- Dual Insulated
- 100% Copper Wire
- Water Resistant Jacket
- Good Flexibility

DESCRIPTION	CAT. NO.
16/3 SJTW Indoor/Outdoor Ext Cord All Black 8 ft	A2316008BL
16/3 SJTW Indoor/Outdoor Ext Cord All Black 15 ft	A2316015BL
16/3 SJTW Indoor/Outdoor Ext Cord All Black 25 ft	06903025BLPKG
16/3 SJTW Indoor/Outdoor Ext Cord All Black 50 ft	06903050BLPKG
14/3 SJTW Indoor/Outdoor Ext Cord All Black 25 ft	06912025BLPKG
14/3 SJTW Indoor/Outdoor Ext Cord All Black 50 ft	06912050BLPKG
14/3 SJTW Indoor/Outdoor Ext Cord All Black 100 ft	



C1318008BL



SJTW General Purpose Cords (Good) Cont.

DESCRIPTION	CAT. NO.
12/3 SJTW Indoor/Outdoor Ext Cord All Black 25 ft	06904025BL
12/3 SJTW Outdoor Ext Cord All Black 50ft	C4312050BL
12/3 SJTW Outdoor Ext Cord All Black 100 ft	C4312100BL

Power Supply Cords

DESCRIPTION	CAT. NO.
18/3 SJT General Purpose Power Supply Cord All Black 6 ft	C1318006BL
18/3 SJT General Purpose Power Supply Cord All Black 8 ft	C1318008BL
16/3 SJT General Purpose Power Supply Cord All Black 6 ft	C1316006BL
16/3 SJT General Purpose Power Supply Cord All Black 8 ft	C1316008BL
14/3 SJT General Purpose Power Supply Cord All Black 6 ft	C1314006BL
14/3 SJT General Purpose Power Supply Cord All Black 8 ft	C1314008BL
18/3 SJEOW Tuf-Flex® Power Supply Cord All Black 12 ft	C3918012BL
16/3 SJEOW Tuf-Flex® Power Supply Cord All Black 12 ft	C3916012BL
14/3 SJEOW Tuf-Flex® Power Supply Cord All Black 12 ft	C3914012BL
16/3 SJOOW Tru-Rubber® Power Supply Cord All Black 8 ft	C1327008BL
14/3 SJOOW Tru-Rubber® Power Supply Cord All Black 8 ft	C1324008BL

Adapters

DESCRIPTION	CAT. NO.
14/3 SJTW Power Block 1ft 3-outlet Orange w/Black ends	A4514001OR
12/3 SJTW Rhino-Hide® Power Block 2ft 3-outlet Yellow w/Black ends	A8312002YW
12/3 SEOW Tuf-Flex® Power Block 2ft 3-outlet Red w/Black ends	A3612002RD
12/3 STW Twistlock Male to Straight Blade Female 9" Yellow w/Black ends	A1446009YW
12/3 STW Twistlock Female to Straight Blade Male 9" Yellow w/Black ends	A1447009YW
12/3 STW U-Ground "Y" Adapter	A1473020YW
12/3 STW U-Ground "Y" Adapter w/Cord Lock™	A1473020YWKDL
12/3 STW U-Ground "W" Adapter	A1479020YW
12/3 STW U-Ground "W" Adapter w/Cord Lock™	A1479020YWKDL
12/3 STW 20A Locking "Y" Adapter	A1474020YW
12/3 STW 20A Locking "W" Adapter	A1480020YW



A4514001OR



A8312002YW



A1446009YW



A3612002RD



Entertainment power cable

Bulk Portable Cord

Entertainment Cable Stage Lighting & Power Cables

DESCRIPTION	CAT. NO.
6/1 SC 105C 600v Black 1000'r (20 x 10 x 5 Plywood)	W39033
4/1 SC 105C 600v Black 1000'r (24 x 12 x 10 Plywood)	W39034
2/1 SC 105C 600v Black 1000'r (24 x 12 x 10 Plywood)	W39035
1/1 SC 105C 600v Black 1000'r (27 x 18 x 12 Plywood)	W39036
1/0-1 SC 105C 600v Black 1000'r (27 x 18 x 12 Plywood)	W39037
2/0-1 SC 105C 600v Black 1000'r (27 x 18 x 12 Plywood)	W39038
3/0-1 SC 105C 600v Black 1000'r (27 x 18 x 12 Plywood)	W39039
3/0-1 SC 105C 600v Black 1000'r (30 x 18 x 12 Plywood)	W39040
6/1 SC 105C 600v Green 1000'r (20 x 10 x 5 Plywood)	W35372



Flat PVC entertainment cable

Flat PVC Entertainment Cable 105°C

DESCRIPTION	CAT. NO.
12/5 Festoon Cable UL 600v Black 1000r	W39470
10/5 Festoon Cable UL 600v Black 1000r	W39471
8/5 Festoon Cable UL 600v Black 1000r	W39472
6/5 Festoon Cable UL 600v Black 1000r	W39473
4/5 Festoon Cable UL 600v Black 1000r	W39474
2/5 Festoon Cable UL 600v Black 1000r	W39475



SOOW

SOOW Cable 90°C Portable Cord UL/CSA

DESCRIPTION	CAT. NO.
12/3 SOOW UL/CSA 90C 600v 250' Coil (22 x 6 x 22 carton)	W20720
10/4 SOOW UL/CSA 90C 600v 250' Coil (22 x 6 x 22 carton)	W20734
16/3 SOOW UL/CSA 90C 600v 250' Coil (10.5 x 6 x 7 1.875 carton)	W20702
12/4 SOOW UL/CSA 90C 600v 250' Coil (22 x 6 x 22 carton)	W20726

SJOOW Cable 90°C Portable Cord UL/CSA

DESCRIPTION	CAT. NO.
16/3 SJOOW UL/CSA 90C 600v 250' Coil (10.5 x 7 x 1.875 spool)	W20767
14/3 SJOOW UL/CSA 90C 600v 250' Coil (10.5 x 6 x 1.875 spool)	W20775
12/3 SJOOW UL/CSA 90C 600v 250' Coil (10.5 x 9 x 7 1.875 spool)	W20780

SPT-2 60°C Appliance & Lamp Cord UL/CSA

DESCRIPTION	CAT. NO.
18/2 Brown SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10234
16/2 Black SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10260
16/2 White SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10261
16/2 Brown SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10263

Bulk Portable Cord

SPT-2 105°C Appliance & Lamp Cord UL/CSA

DESCRIPTION	CAT. NO.
18/2 Black SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10240
18/2 White SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10241
18/2 Brown SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10242
18/2 Clear Gold SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10243
18/2 Crystal Clear-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10247
16/2 Black SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	W10266
16/2 White SPT-2 UL/CSA 60C 300v 1000' (4 x 7 x 250 spool/carton)	



SPT-2

SPT-3 60°C Appliance & Lamp Cord UL/CSA

DESCRIPTION	CAT. NO.
14/2 Black SPT-3 UL/CSA 60C 300v 1000' (4 x 250 spool/carton)	W10293
14/2 Ivory SPT-3 UL/CSA 60C 300v 1000' (4 x 250 spool/carton)	W36513



SPT-3

Motor Lead Wire

High temperature silicone rubber/glass braid UL/CSA 150°C, 600v

DESCRIPTION	CAT. NO.
18 AWG Black type SRML UL/CSA 150C 600v 500' spool	W20652
18 AWG White type SRML UL/CSA 150C 600v 500' spool	W20653
16 AWG Black type SRML UL/CSA 150C 600v 500' spool	W13528
16 AWG White type SRML UL/CSA 150C 600v 500' spool	W13529
14 AWG Black type SRML UL/CSA 150C 600v 500' spool	W20659
14 AWG White type SRML UL/CSA 150C 600v 500' spool	W20660
14 AWG Red type SRML UL/CSA 150C 600v 500' spool	W20661
12 AWG Black type SRML UL/CSA 150C 600v 500' spool	W20664
12 AWG White type SRML UL/CSA 150C 600v 500' spool	W20665
12 AWG Red type SRML UL/CSA 150C 600v 500' spool	W20666
10 AWG Black type SRML UL/CSA 150C 600v 500' spool	W20668
10 AWG White type SRML UL/CSA 150C 600v 500' spool	W20669

DMX Cable

DESCRIPTION	PART. NO.
3pin-3 foot DMX Cable	FGP-DMX3P-003
3pin-10 foot DMX Cable	FGP-DMX3P-010
3pin-25 foot DMX Cable	FGP-DMX3P-025
3pin-50 foot DMX Cable	FGP-DMX3P-050
3pin-100 foot DMX Cable	FGP-DMX3P-100
5pin-3 foot DMX Cable	FGP-DMX5P-003
5pin-10 foot DMX Cable	FGP-DMX5P-010
5pin-25 foot DMX Cable	FGP-DMX5P-025
5pin-50 foot DMX Cable	FGP-DMX5P-050
5pin-100 foot DMX Cable	FGP-DMX5P-100
3 Pin Female to 5 pin Female Adapter	FGP-A3F5F-000
3 Pin Female to 5 pin Male Adapter	FGP-A3F5M-000
3 Pin Male to 5 pin Female Adapter	FGP-A3M5F-000
3 Pin Male to 5 pin Male Adapter	FGP-A3M5M-000
5 Pin Female to 5 Pin Female Adapter	FGP-0A5FF-000
5 Pin Female to 5 Pin Male Adapter	FGP-0A5FM-000

Surge Protection Devices

DESCRIPTION	CAT. NO.	RATING	APPLICATION
Industrial Duty 6-outlet Plug Strip	5100-IPS	15A-120VAC	High abuse, repeated set-up/teardown operations
Heavy Duty 6-outlet Plug Strip	5100-GS 5100-G15	15A-120VAC	General use Features 15' cord
Electronic grade 6 standard, 3 transformer spaced outlets	5950-PSG	15A-120VAC	Electronic loads, multiple plug-in transformers
19" Rack-mount 12 outlets	5500-190 5500-192	15A-120VAC 20A-120VAC	Rack-mounted electronic protection



5100-IPS

SPECIFICATIONS	5100-IPS	5100-GS/G15	5950-PSG	5500-190/192
Max Single Pulse Surge Current* (8x20 microsecond, Amps Peak)	26,000 amps	26,000 amps	92,000 amps	52,000 amps
Max Single Pulse Energy** (10x1000 microsecond, Joules)	320 Joules	320 Joules	1,520 Joules	640 Joules
EMI/RFI Noise Rejection*** @ 50 Ohms, 5kHz-100mHz	10-20dB	10-20dB	60dB	50-60dB (30-40dB N-G)
UL1449 Clamping Voltage Ratings**** (L-N, L-G, N-G)	330/500/330V	330/500/400V	330/330/330V	330/330/330V



5100-GS

*Max. Single Pulse Surge Current: Expressed in Amperes, this is the largest current surge the device can withstand without damage. Higher values indicate greater ability to withstand large and repeated surge events. Expect surges at the electrical outlet to reach up to 500 Amperes.

**Max Single Pulse Energy: Expressed in Joules, this specification attempts to show the amount of energy the surge protector can withstand. Be careful in comparing Joule figures, however, as calculation methods differ among manufacturers. Use as a comparison between models from one manufacturer.

***EMI/RFI Noise Rejection: This describes the reduction of conducted electrical noise across a specified frequency band. Higher values show greater reductions. Although not damaging, EMI/RFI may cause disruption or unacceptable operation of electronic equipment.

****UL 1449 Clamping Voltage Ratings: Underwriter's Laboratory assigns a clamping voltage rating based on the results of a 6,000-Volt, 500-Ampere surge injected into the surge protector. The function of attenuating this surge is called Clamping. The UL rating expresses the amount of this surge that is let through the device and passed to the connected equipment. UL assigns a value from the table below. Devices receive the rating equal or higher than their actual clamping level. The lower the rating, the higher the clamping performance.

UL 1449 Clamping Voltage Ratings (peak Volts)

330	900	3000
400	1000	4000
500	1200	5000
600	1500	6000
700	2000	
800	2500	





















































































5950-PSG



5500-190

NEMA Locking Configurations

NEMA CONFIGURATIONS FOR LOCKING TYPE PLUGS AND RECEPTACLES

WIRING/VOLTAGE			15 AMPERE		20 AMPERE		30 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	L1	L1-15R 	L1-15P 				
	250V	L2			L2-20R 	L2-20P 		
	277V AC	L3			RESERVED FOR FUTURE CONFIGURATIONS			
	600V	L4			RESERVED FOR FUTURE CONFIGURATIONS			
2-POLE 3-WIRE GROUNDING	125V	L5	L5-15R 	L5-15P 	L5-20R 	L5-20P 	L5-30R 	L5-30P 
	250V	L6	L6-15R 	L6-15P 	L6-20R 	L6-20P 	L6-30R 	L6-30P 
	277V AC	L7	L7-15R 	L7-15P 	L7-20R 	L7-20P 	L7-30R 	L7-30P 
	347V AC	L24			L24-20R 	L24-20P 		
	480V AC	L8			L8-20R 	L8-20P 	L8-30R 	L8-30P 
	600V AC	L9			L9-20R 	L9-20P 	L9-30R 	L9-30P 
3-POLE 3-WIRE	125/250V	L10			L10-20R 	L10-20P 	L10-30R 	L10-30P 
	3Ø 250V	L11	L11-15R 	L11-15P 	L11-20R 	L11-20P 	L11-30R 	L11-30P 
	3Ø 480V	L12			L12-20R 	L12-20P 	L12-30R 	L12-30P 
	3Ø 600V	L13					L13-30R 	L13-30P 
3-POLE 4-WIRE GROUNDING	125/250V	L14			L14-20R 	L14-20P 	L14-30R 	L14-30P 
	3Ø 250V	L15			L15-20R 	L15-20P 	L15-30R 	L15-30P 
	3Ø 480V	L16			L16-20R 	L16-20P 	L16-30R 	L16-30P 
	3Ø 600V	L17					L17-30R 	L17-30P 
4-POLE 4-WIRE	3ØY 120/208V	L18			L18-20R 	L18-20P 	L18-30R 	L18-30P 
	3ØY 277/480V	L19			L19-20R 	L19-20P 	L19-30R 	L19-30P 
	3ØY 347/600V	L20			L20-20R 	L20-20P 	L20-30R 	L20-30P 
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	L21			L21-20R 	L21-20P 	L21-30R 	L21-30P 
	3ØY 277/480V	L22			L22-20R 	L22-20P 	L22-30R 	L22-30P 
	3ØY 347/600V	L23			L23-20R 	L23-20P 	L23-30R 	L23-30P 

ANSI Architectural Symbols

1. LIGHTING OUTLETS

Ceiling	Wall
1.1 Surface or Pendant Incandescent, Mercury-Vapor, or Similar Lamp Fixture 	
1.2 Recessed Incandescent, Mercury-Vapor, or Similar Lamp Fixture 	
1.3 Surface or Pendant Individual Fluorescent Fixture 	
1.4 Recessed Individual Fluorescent Fixture 	
1.5 Surface or Pendant Continuous Row Fluorescent Fixture 	
1.6 Recessed Continuous Row Fluorescent Fixture 	
1.7 Bare-Lamp Fluorescent Fixture 	
1.8 Surface or Pendant Exit Light 	
1.9 Recessed Exit Light 	
1.10 Blanket Outlet 	
1.11 Junction Box 	
1.12 Outlet Controlled by Low-Voltage Switching when Relay is installed in Outlet Box 	

2. RECEPTACLE OUTLETS

Grounded	Ungrounded
2.1 Single Receptacle Outlet 	
2.2 Duplex Receptacle Outlet 	
2.3 Triplex Receptacle Outlet 	
2.4 Quadruplex Receptacle Outlet 	
2.5 Duplex Receptacle Outlet-Split Wired 	
2.6 Triplex Receptacle Outlet-Split Wired 	
2.7 Single Special-Purpose Receptacle Outlet 	
2.8 Duplex Special-Purpose Receptacle Outlet 	
2.9 Range Outlet (typical) 	

Grounded	Ungrounded
2.10 Special Purpose Connection or Provision for Connection 	
2.11 Multi-outlet assembly 	
2.12 Clock Hanger Receptacle 	
2.13 Fan Hanger Receptacle 	
2.14 Floor Single Receptacle Outlet 	
2.15 Floor Duplex Receptacle Outlet 	
2.16 Floor Special-Purpose Outlet 	

3. SWITCH OUTLETS

3.1 Single-Pole Switch S
3.2 Double-Pole Switch S2
3.3 Three-Way Switch S3
3.4 Four-Way Switch S4
3.5 Key Operated Switch SK
3.6 Switch and Pilot Lamp SP
3.7 Switch for Low-Voltage switching system SL
3.8 Maser Switch for Low-Voltage switching system SLM
3.9 Switch and Single Receptacle
3.10 Switch and Double Receptacle
3.11 Door Switch SD
3.12 Time Switch ST
3.13 Circuit Breaker Switch SCB
3.14 Momentary Contact Switch or Pushbutton for Other Than Signaling System SMC
3.15 Ceiling Pull Switch

4. RESIDENTIAL OCCUPANCIES

4.1 Pushbutton
4.2 Buzzer
4.3 Bell
4.4 Combination Bell-Buzzer
4.5 Chime
4.6 Annunciator

Horsepower Ratings for NEMA Configurations-for Plugs and Receptacles Only

STRAIGHT BLADE CONFIGURATIONS

NEMA	AC HP Rating	Rating
1-15	0.5	15A-125V
2-15	1.5*	15A-250V
2-20	2*	20A-250V
2-30	2*	30A-250V
5-15	0.5	15A-125V
5-20	1	20A-125V
5-30	2	30A-125V
5-50	2	50A-125V
6-15	1.5*	15A-250V
6-20	2*	20A-250
6-30	2*	30A-250
6-50	3*	50A-250
7-15	2	15A-277V AC Only
7-20	2	20A-277V AC Only
7-30	3	30A-277V AC Only
7-50	5	50A-277V AC Only
10-20	2 L-L*/1 L-N	20A-125/250V
10-30	2 L-L*/2 L-N	30A-125/250V
10-50	3 L-L*/2 L-N	50A-125/250V
11-15	2	15A-250V 3Ø
11-20	3	20A-250V 3Ø
11-30	3	20A-250V 3Ø
11-50	7.5	50A-250V 3Ø
14-15	1.5 L-L*/0.5 L-N	15A-125/250V
14-20	2 L-L*/1 L-N	20A-125/250V
14-30	2 L-L*/2 L-N	30A-125/250V
14-50	3 L-L*/2 L-N	50A-125/250V
14-60	3 L-L*/2 L-N	60A-125/250V
15-15	2	15A-250V 3Ø
15-20	3	20A-250V 3Ø
15-30	3	30A-250V 3Ø
15-50	7.5	50A-250V 3Ø
15-60	10	60A-250V 3Ø
18-15	2	15A-120/208V 3ØY
18-20	2	20A-120/208V 3ØY
18-30	3	30A-120/208V 3ØY
18-50	7.5	50A-120/208V 3ØY
18-60	7.5	60A-120/208V 3ØY

L-L Denotes phase-to-phase HP rating

L-N Denotes phase-to-neutral HP rating

*Suitable for 208V motor applications at HP rating

LOCKING CONFIGURATIONS

NEMA	AC HP Rating	Rating
L1-15	0.5	15A-125V
L2-20	2*	20A-250V
L5-15	0.5	15A-125V
L5-20	1	20A-125V
L5-30	2	30A-125V
L6-15	1.5*	15A-250V
L6-20	2*	20A-250V
L6-30	2*	30A-250V
L7-15	2	15A-277V AC Only
L7-20	2	20A-277V AC Only
L7-30	3	30A-277V AC Only
L8-20	3	20A-480V AC Only
L8-30	5	30A-480V AC Only
L9-20	NA	20A-600V AC Only
L9-30	NA	30A-600V AC Only
L10-20	2 L-L*/1 L-N	20A-125/250V
L10-30	2 L-L*/2 L-N	30A-125/250V
L11-15	2	15A-250V 3Ø
L11-20	3	20A-250V 3Ø
L11-30	3	20A-250V 3Ø
L12-20	5	20A-480V 3Ø
L12-30	10	30A-480V 3Ø
L13-30	NA	30A-600V 3Ø
L14-20	2 L-L*/1 L-N	20A-125/250V
L14-30	2 L-L*/2 L-N	30A-125/250V
L15-20	3	20A-250V 3Ø
L15-30	3	30A-250V 3Ø
L16-20	5	20A-480V 3Ø
L16-30	10	30A-480V 3Ø
L17-30	NA	30A-600V 3Ø
L18-20	2	20A-120/208V 3ØY
L18-30	3	30A-120/208V 3ØY
L19-20	5	20A-277/480V 3ØY
L19-30	10	30A-277/480V 3ØY
L20-20	NA	20A-347/600V 3ØY
L20-30	NA	30A-347/600V 3ØY
L21-20	2	20A-120/208V 3ØY
L21-30	3	30A-120/208V 3ØY
L22-20	5	20A-277/480V 3ØY
L22-30	10	30A-277/480V 3ØY
L23-20	NA	20A-347/600V 3ØY

L-L Denotes phase-to-phase HP rating

L-N Denotes phase-to-neutral HP rating

*Suitable for 208V motor applications at HP rating



Glossary of Lighting Terms

Cue - A signal from the Stage Manager to execute a predetermined movement of light (or sound, or scenery). In lighting "cue" often refers to that predetermined movement of light. Often "cue" is associated with "scene".

Bump - An instant change in lighting intensity usually from off to on and back.

Fade - A gradual change in lighting intensity. A cross-fade is a gradual fade from one scene to another.

Channel - An individually controllable entity. If there is no patching (see below) or if the patching is 1-to-1, a channel is the same as a dimmer circuit. If there is patching the channel number and the dimmer circuit number may be different. Furthermore a channel may control multiple dimmer circuits.

Rise Time - A descriptive word pertaining to filtering of electrical noise. SCR dimmers function by turning on instantly at a prescribed point along the AC waveform. This tends to create electrical noise. Chokes are usually employed to delay this instant turn-on. Rise time is the amount of time of this delay usually expressed in micro-seconds. Longer rise times tend to reduce the noise more effectively up to a point.

Patch - The interconnecting of dimming circuit or circuits to control channels. In the past patching was accomplished with large power panels connecting lighting fixtures to dimmer outputs. Now it is accomplished in computers connecting dimmer control circuits to control channels (soft patch).

Scene - A complete set of lighting intensities for the entire stage picture often associated with faders.

Look - A set of lighting intensities for a particular area or lighting effect often associated with submasters. Looks can be added together to form complete scenes.

Playback - Reproducing pre-recorded sets of lighting intensities.

Pile-on - A descriptive word pertaining to how channels respond to multiple sources of control such as channels common to multiple scenes or looks. If a channel is common to more than one source it responds to the highest level.

MIDI (Musical Instrument Digital Interface) - An industry-standard digital interface created to let musical instruments, such as keyboards, talk to computers and other devices. Binary commands send tones and tonal characteristics in a digital format from place to place. A subset of MIDI, MIDI Show Control, employs a similar format to send control console commands, such as start/stop fade, from place to place.

DMX512 - An industry-standard serial digital interface defined by the United States Institute for Theatre Technology for lighting control devices to communicate with each other. Originally it was created in order for lighting control consoles to talk to dimmers. That function has been expanded to include such equipment as moving lights and color scrollers. It supports 512 control channels. The predecessor to DMX512, CMX, was developed by Leviton Colortran Division.

Microplex - A proprietary serial digital interface defined by Leviton NSI Division for lighting control devices to communicate with each other. It supports 128 channels.

Pattern - A series of scenes linked together to produce an effect.

Personalities - Sets of traits such as pan, tilt, etc. for a given model of moving light.

Chase - A series of dimmers, usually three or four, that are turned off and on in a continuous sequence. If the lights in a string of lights are wired alternately to these dimmers, it appears that the light (actually darkness) is chasing down the string.



PO Box 2210, Tualatin, OR 97062 USA

Phone (503) 404-5500 • FAX (503) 404-5594 • Info Line 1-800-996-2276 • Tech Support 1-800-864-2502

Copyright © 2002 Leviton Mfg. Co. Inc. Specifications subject to change without notice.