



THE SUPPLY LINE

2018



INTERSTATE
ELECTRIC
SUPPLY



**INTERSTATE
ELECTRIC
SUPPLY**

- Competitive pricing is the same at all IES locations
- Daily deliveries
- Local professional Support Team
- Wire cuts with capacity to do parallel reels
- Overnight access to the entire district's inventory
- Knowledgeable staff with decades of combined experience
- Best Quotations & Project Management Team

Corporate Inside Sales Staff (CISS)

800.397.3900

7AM-4:30PM CST M-F

Our Corporate Inside Sales Staff (CISS) is a dedicated team, well-versed in all IES has to offer. CISS acts as personal, customer agents who are familiar with local markets and are able to assist with quotations, troubleshoot technical issues, research hard-to-find items and are knowledgeable on product attributes and availability. Whether you are new to IES or have a long-standing relationship, your CISS Account Manager is here to help.

All items are F.O.B. IES Warehouse. Due to the franchise restrictions, all items may not be available at every location and may be substituted where appropriate. We reserve the right to limit quantities and correct typographical errors.

Amidst an ever-changing technological landscape, IES is positioned to provide sustainable solutions and direction as you navigate your business towards continued success. We work hand-in-hand with the top suppliers in the industry to offer cutting-edge products, coupled with superior service.

The Supply Line showcases innovative products from these manufacturers and details our value-added offerings.

In addition to the latest products, we provide direct access to our team of professionals in all segments of the electrical industry. From new construction to retrofits and from machine-build to maintenance, our project management teams and specialists partner with you from start to finish – offering value engineered options to meet specifications, comply with code, contain cost, and achieve continued relevance in changing markets.

Stop in to your local branch, or call to arrange an on-site meeting and learn how IES can serve all your electrical, industrial and datacomm needs.

TJ Phillips
District Manager, Idaho District

ContactsNearYou

BOISE

208.375.6880

TJ Phillips

Ben O'Neal

Branch Hours:

District Manager

District Operations Manager

7:00 am – 5:00 pm, M-F

CALDWELL

208.455.7760

CJ Burgess

Branch Hours:

Branch Manager

7:00 am – 5:00 pm, M-F

MCCALL

208.634.1366

Josh Martin

Branch Hours:

Branch Manager

7:00 am – 5:00 pm, M-F

MERIDIAN

208.287.3713

Casey Rauenhorst

Branch Hours:

Branch Manager

7:00 am – 5:00 pm, M-F

NAMPA

208.466.8404

CJ Burgess

Branch Hours:

Branch Manager

6:30 am – 5:00 pm, M-F

ONTARIO

208.740.3818

Cecil Bettis

Branch Hours:

Branch Manager

7:00 am – 5:00 pm, M-F

Or visit us online at
interstateelectricsupply.com



Powered for Success

With the evolution of lighting, power management and alternative energy, the energy market is a growing demand in today's economy. That's why IES provides a trained staff of Energy and Lighting Specialists and premier product lines for all aspects of energy efficiency.



Our Services

- Lighting Solutions/Retrofits
- Power Management
- Energy Savings
- Alternative Energy
- Product Recommendations
- ROI Analysis
- No-obligation Energy Audits
- Fixture and Lamp Recycling Programs
- Rebate Assistance
- Project Financing

LEDREBATES



Industrial Ingenuity

Succeeding in the complex industrial segment requires a partner that is always on the lookout for ways to increase quality, safety and productivity; while at the same time find ways to reduce energy consumption and machine downtime. IES is uniquely qualified to assist our clients in these areas with a local team of experienced Industrial Specialists and Certified Application Engineers.

Our Services

- Process improvements and machine throughput
- Inspection, sensing and data logging
- Control and automation solutions, products and training
- Machine & Power Safety Assessments and Remediation
- Comprehensive Energy Analysis, Solutions & Rebate assistance
- Complete solutions for power quality, monitoring and maintenance
- Local inventory and daily deliveries

Technical Support Center Hotline

(866) 432-9581 or techsupport@interstate-electric.com





Datacomm Mix

OurLine

In the low-voltage market it's essential for you to have the latest products and resources. That's why IES provides you with Datacomm Sales Managers, Account Managers, and an Inside Support Team to help you find the right products from our premier product lines for all aspects of low-voltage installations.

◆ STRUCTURED WIRING	◆ SECURITY	◆ AUDIO	◆ VIDEO	◆ METAL	◆ AUTOMATION
- Category 5e • 6 • 6A - MM / SM Fiber Optics - Coaxial Connectors - Jacks and Wall plates - Patch Panels - Category Cables - Fiber Interconnect Boxes - Passive Optical LAN (POL)	- CCTV - Intrusion Detection - Access Control - Fire Alarm	- Surround Sound - Distributed Audio - Audio Cable - Passive Audio - Paging Systems - Auditorium / Theater	- Projectors - TV / Monitor - Distributed Video - Baluns - Matrix - Extenders - Splitter - Video Cable	- Racking - Cabinets - Basket Tray - Ladder Tray - Cable Management - J-Hooks - Tools/Testing - Labeling - Floor Boxes	- Lighting - Entertainment - Security - Temperature Control - Remote Access



IES Stockroom

IES has been a pioneer of inventory management for nearly 100 years. Our expertise can assist you with MRO stockroom management, raw material in an OEM environment, labor solutions, mobile inventory solutions and warehouse logistics.

Stockroom**Features**

- Integrated bar-code scanner enables quick product entry and ordering
- Optional Bluetooth scanner facilitates entry
- Cycle counting tracks and updates on-hand quantities
- Supports IES's Consignment Billing and auto-transfer processes
- Work online or off-line during inventory counts and ordering
- Manage multiple orders simultaneously

With IES Stockroom, **You will find:**

- Increased order accuracy through barcode scanning
- Increased productivity by streamlining the order process
- Reduced excess inventory through inventory management
- Lower operational costs by offloading commodity purchasing, freeing up time to focus on high-level procurement

**Managed Inventory and Inventory Usage can be implemented with Customer-owned Inventory or Consigned Inventory*

Contact IES for more information on:

- *IES Stockroom*
- *Logistics*
- *Warehouse Labor*
- *Mobile Inventory Solutions*





3M™ Hard Hat 70 Lumen Task Light

- Lightweight
- 70 Lumens
- IPX-4 Water resistant
- 4 modes
- LED
- 3 AAA batteries included
- Comes with 3M™ Dual Lock fasteners eliminating the need for a headband that could interfere with earmuffs and other attachments



3M™ Fire Barrier Blocks, Plugs and Planks

- Fire protection for large rectangular protection and small circular openings
- Plugs: No tools, Insert plug and done, Two sizes available: 2" and 4" diameter plugs
- Blocks and Planks: No wire mesh. Stack, Seal, and Done
- Tested to meet ASTM E814. Used for openings as large as 36"x36" and can be trimmed on the spot

3M™ Comfort Grip and 3M™ Gripping Material Work Gloves

- 3M™ COMFORT GRIP GENERAL USE GLOVES: Provide excellent grip, even in wet or oily conditions
- 3M™ COMFORT GRIP WINTER GLOVES: The comfort and dexterity of 3M General Use Gloves, but with added warmth for cold weather applications
- 3M™ COMFORT GRIP CUT RESISTANT GLOVES: The same features and comfort as the 3M General Use Gloves with even greater cut, puncture and tear resistance
- 3M™ GRIPPING MATERIAL WORK GLOVES: Comprised of thousands of micro fingers to provide excellent grip, even in dirty, wet or oily conditions



3M™ Performance Plus™ Wire Connectors

- Three connectors replace eight standard connectors: Saves time on the job and reduces inventory, offering a broad wire taking range and requiring fewer sizes to get the job done
- Flexible skirt: Covers overstripped wires, providing increased protection
- UL listed: 600V for building wire and 1000V for signs, fixtures or luminaires



3M™ DT series Duct Tape

- This trio can handle the full range of duct tape strengths needed to tackle any job
- Multilingual, individually wrapped rolls are color-coded by performance level, and hand tearable for ease of use
- 3M™ All Purpose Duct Tape DT 8 Holds to smooth metal, glass, plastic, sealed concrete and more. 8 mil thickness
- 3M™ Heavy Duty Duct Tape DT 11 The go-to tape for holding, seaming, sealing, repairing and packaging. Ideal for sticking to plastic. 11 mil thickness
- 3M™ Super Duty Duct Tape DT 17 Super thick for super tough jobs including repairing, seaming, and protecting metal parts and surfaces. 17 mil thickness



3M™ Terminal Kits

- 3M™ Scotchlok™ Heat Shrink Terminal Kit (SHSTK-1): 120 assorted pieces; A selection of our premier line of terminals, connectors and disconnects offering moisture protection, corrosion resistance and durability
- 3M™ Highland™ Terminal Kit (HTK-1): 180 assorted pieces; A selection of our most popular vinyl insulated ring, fork, butt splice and disconnect terminals
- UL Listed and CSA Certified



3M™ Scotch® Rubber Splicing Tape 130C and 23

- Insulate bus bars, motor leads and electrical connections up to 69 kV
- Self-fusing material helps weatherproof and moisture seal low- and medium- voltage connections
- Available with liner for a cleaner installation and without liner for faster installation

3M™ Cable Ties

- 3M™ Cable Ties are designed to secure wire bundles and harness components quickly, without slipping
- Featuring a self-locking head, most are designed to handle temperatures from -40°F (-40°C) to 185°F (85°C)
- Majority are made in the USA



3M™ Heat Shrink Tubing

- Full thin wall and heavy wall product line
- From a manufacturer known for high quality insulation materials and tapes
- Made in USA



3M™ SecureFit™ Protective Eyewear(200 and 400 Series)

- The 400 Series features 3M™ Pressure Diffusion Temple Technology, soft adjustable nose pads, dual-injected temples and foam gasket
- Removable foam-lined gasket helps keep debris out of your eyes while providing comfort and cushioning
- With the 200 Series feel the difference as soon as you put them on. Temples automatically self-adjust to provide a secure, comfortable fit each time.
- Contemporary and lightweight, weighs less than 1 ounce

nLight® AIR Controls

- Easier installation with fixture embedded smart sensor
- Wireless battery-powered wall switch with 10 year life expectancy
- Up to 30% additional energy savings with occupancy and daylight sensing
- Industry leading 5-tier wireless security architecture



nPODM Series WallPods from nLight®

- Communicates with nLight® Network
- Remotely configurable and upgradeable
- Traditional Tactile Feel
- Green LED per Button
- Available in 1, 2, or 4 Channel On/Off
- Offered in 1 or 2 Channel Dimming Control



Wireless Dual Technology Sensor

- Wireless sensor operation with up to 10-year battery life
- RDT™ Wireless (902 MHz) compliant
- 100% digital PIR detection and optional dual technology (PIR / Microphonics™) detection
- Compatible with LED, electronic & magnetic ballasts, CFL and incandescent loads
- Simple push-button pairing

Haleon Sensor from Sensor Switch®

- Sensor that provides remote programmability via Bluetooth® technology using the free VLP downloadable smartphone app
- Allows customers to customize occupancy detection, dimming, and daylight harvesting at the fixture level from their warehouse floor
- Available with both high-mount and high-mount aisleway detection options that can be mounted up to 40-feet for the most reliable detection
- Compatible control to be integrated into the I-BEAM® IBG LED High Bay



nPP16 Series Family Power Packs by nLight®

- Communicates with nLight(R) Network
- Remotely configurable and upgradeable-Push-button programmable-Configurable relay logic-Provides System Power
- Self-contained relay switches line voltage load-Plenum Rated



Push-Button SwitchPod (sPDM) by Sensor Switch®

- Bi-level lighting control that meet strict energy and building codes without having to source special sensors or power packs
- Enables Standard Occupancy Sensors to be used for Manual On Operation
- Alternative Usage as Override Switch for Auto-On Applications
- Single Gang Decorator Style with either 1 or 2 On/Off Switches



0-10V Dimmer & Occupancy Sensor (WSX D) by Sensor Switch®

- 0 - 10V Dimming
- Occupancy sensing
- Integrated photocontrol
- eldoLED compatibility for advanced dimming control reliable
- Performance digital passive infrared detection
- Passive Dual Technology (PDT) with Microphonics™



Standard Range 360° Sensor (CM PDT 9) by Sensor Switch®

- Dual Technology (PDT) utilizes PIR/ Microphonics detection (patented)
- 360° Coverage pattern
- Push-button programmable
- Adjustable time delays
- No field calibration or sensitivity adjustments required
- 100 Hr. Lamp burn-in timer
- Ideal for open area office lighting control



SPDMRD Dimming Switchpod by Sensor Switch®

- Line voltage, Push-button Dimming Switchpod Series
- Patent pending wiring methods enabled to function with or without neutral connection
- Pre-configured for wiring without a neutral. Able to convert in seconds if connection to a neutral is required by code.
- 0-10V Dimming Miswire Protection Convertible Neutral to Ground Wiring Compatible with Acuity Brands® Luminaires



Fixture Mount Sensor (LSXR) by Sensor Switch®

- Four interchangeable lenses - high mount 360°, low mount 360°, high mount aisle way, and small motion 360°
- Integrated mounting bracket drops lens down 3" from chase nipple - no bracket accessory required
- 100% passive infrared (PIR) detection



10-Year Hardwired Alarms with Battery Backup



SC9120LBL 10-YR Hardwired Smoke & CO Combination Alarm

- Ionization smoke sensor
- 120V AC with 10-year lithium battery backup
- Latching alarm indicator identifies initiating alarm
- End-of-life signal
- 10-Year limited warranty



9120LBL 10-YR Hardwired Smoke Alarm

- Ionization smoke sensor
- 120V AC with 10-year lithium battery backup
- Latching alarm indicator identifies initiating alarm
- End-of-life signal
- 10-Year limited warranty

10-Year Sealed Lithium Battery Alarms



SA350B 10-YR Battery Smoke Alarm

- Ionization smoke sensor
- LED alarm status indicator
- End-of-life signal
- Test/silence button
- 10-Year limited warranty



PRC710B 10-YR Smoke & CO Combination Alarm

- Photoelectric & electrochemical sensors
- Low profile, slim design
- LED alarm status indicator
- End-of-life signal
- 10-Year limited warranty



SA520B Hardwired Smoke Alarm

- 120V AC/DC bridge unit
- Wireless interconnect technology - when one sounds, all sound
- Mesh network communication - 2-way communication providing a more reliable network
- Photoelectric smoke sensor
- Low battery warning

Hardwire with Replaceable Battery Backup

SC9120B 120V AC/DC Smoke & CO Combination Alarm

- Ionization smoke sensor
- Electrochemical CO sensor
- 9V alkaline battery backup
- Latching alarm indicator identifies initiating alarm
- 10-Year end-of-life signal



9120B 120V AC/DC Smoke Alarm

- Ionization smoke sensor
- 9V battery backup
- Latching alarm indicator identifies initiating alarm
- 10-Year end-of-life signal
- Test/silence button



7010B 120V AC Smoke Alarm with Battery Backup

- Ionization & photoelectric smoke sensors
- Two latching features
- Two silence features
- Test/silence button



SC7010B 120V AC/DC Smoke & CO Combination Alarm

- Photoelectric smoke sensor
- Two latching features
- Two silence features
- Test/silence button



Wireless Interconnect Alarms

SCO500B Battery Operated Smoke & CO Combination Alarm

- Wireless interconnect technology - when one sounds, all sound
- Mesh network communication - 2-way communication providing a more reliable network
- Choose one of 11 pre-programmed locations - audible voice warning locator
- Photoelectric smoke sensor
- End-of-life timer





ZB80/ZB110 ULTRA GREEN™

- Multi-Speed Fan rated for intermittent and continuous ventilation
- ENERGY STAR® certified. HVI certified at <0.3 Sones, ULTRA Silent™ Sound technology provides the quietest sound rating obtainable
- ULTRA Quick™ Installation Technology saves time with the fastest, easiest, most universal installation. Fits 2" x 8" ceiling construction



AE80/AE110 InVent™

- New Construction and Retro-Fit Fan. FoldAway™ mounting ears allow for installation on both
- ENERGY STAR® certified and TrueSeal™ damper technology has a tighter seal, reducing backdraft
- EzDuct™ Connector allows room-side installation with no attic access required
- Effective ventilation clears humidity and odors with 4" duct



744 Recessed Fan/Light

- High efficiency 70 CFM centrifugal fan operates at a quiet 1.5 sones, you'd never know it was a fan, and that's the point!
- Uses a standard A19 base, 75 watt maximum (R30 or BR30 for standard applications) and UL listed for use over bathtub or shower when connected to a GFCI protected branch circuit. Requires a PAR30L or PAR30LN type bulb (not included)



SSQTXE110 SmartSense® Ventilation Fan

- Programmable to operate your Fans to ventilate your home around the clock to meet ASHRAE 62.2 standard
- Provides solution for whole-house and Spot ventilation requirements
- Coordinates ventilation fans in various locations to introduce fresher, healthier air



82W Humidity Sensing Control

- Sensaire® technology responds to humidity up to 70% faster than competitive models; set-point mode satisfies CA requirements
- Programmable to operate in continuous ventilation mode helps to meet ASHRAE 62.2 standard
- 120V, 4 AMP. Compatible with any existing fan within electrical ratings

ZB110ML1/ZB110HL1 ULTRA GREEN LED

- Multi-Speed Fan rated for intermittent and continuous ventilation. ULTRA Fan/Fan LED Lights have Sensaire humidity sensing technology to detect a rapid rise in humidity at the ceiling level - or motion sensing capability to turn on fan or light when someone enters the room
- ULTRALucent™ LED Lighting Technology delivers high-power, dual LEDs providing superior light intensity. Long-life LEDs last up to 25,000 hours



AE80L/AE110L InVent

- New Construction and Retro-Fit Fan. FoldAway™ mounting ears allow for installation on both
- LED Fan/Light with 11 watt, 800 Lumens, 3000K, 80 CRI integrated module. Up to 25,000 hours
- ENERGY STAR® certified and TrueSeal™ damper technology has a tighter seal, reducing backdraft
- EzDuct™ Connector allows room-side installation with no attic access required



New NuTone KNOCK™ Smart Video Doorbell Camera - DCAM100 (black)

- No more wondering "Who's there?" The motion-sensing camera works day and night, sending alerts to your mobile device as someone approaches the door
- Record video and take snapshots on demand
- See your entire entry way with 180 view 720p HD
- Rated for temps as low as -22°F to +122°F
- IP65 rated to protect against dust & water
- Works with any home's existing doorbell wiring and installs in minutes



HAVEN™

Each fixture repels mosquitoes for 110 square feet. Odorless, silent, invisible during use and won't harm children, pets or plants.

HAVEN Mosquito Repellent Fixture - HVRFABL (black) and HVRFABR (bronze)

- One 24ml Haven repellent cartridge and adaptor cap included
- Powder-coated, cast aluminum housing
- 12" stem and 10" plastic ground stake included
- 18" leads of 18-gauge cable, with tinned ends for easy insertion into cable connector
- Works with 12v and 15v AC transformer
- Child resistant fixture opens with screwdriver for easy repellent cartridge replacement
- 3-year limited warranty



HAVEN Accessories

- Deck Mounting Flange - HVPFBL (black) and HVPFBR (bronze)
- Powder-coated, cast aluminum flange fits both types of Haven fixtures
- Repellent Cartridge - HVRC1 (single pack) or HVRC4 (four pack)
- 24ml of repellent provides 216 hours of protection. Hours of repellency vary on climate
- Timer/Control - HVDCT
- Programmable - two circuits for operation - repellent & lighting





WDK8 #8 Anchor Kit Wall Driller (Zinc)

- Wall board anchor kit
- Deep threads
- Easy to spot
- Reusable
- Includes Phillips driver bit
- 50 Phillips/slotted sheet metal screws



14H114 Phillips 1/4" Concrete Anchoring System

- Concrete anchor system
- Hi-low thread
- Ceramic coated blue finish
- Includes drill bit



CH1212 #12 Single Jack Chain

- Bright, galvanized
- Used for suspending fixtures
- Available in boxes, pails and reels
- Easy pull box
- 29 lbs. working load



FENW14114 1/4 x 1 1/4" Fender Washers

- Zinc plated
- Provide large load bearing surface
- Distributes tension on soft and thin materials
- Zinc plated steel
- Available in: Invincibox and tuff pack



TEKWT812 8" x 1/2" Wafer Head Phillips Self Drilling Screw

- Self drilling
- Wafer head
- Phillips
- Zinc plated steel
- Available in: Invincibox and Tuff Pack



411 1 1/2" X 2 3/4" Safety Plates

- 16 gauge steel (100 pack)
- Prevent nails from penetrating into hidden live wires or plumbing
- Nail sharp points
- Easy to install
- Available in boxes or pails



GP650 7 1/2" Ground Pigtails 12ga with Hex Combo Ground Screw

- Used for grounding receptacles to steel boxes
- Multi-drive screw with hex/slotted/Phillips/square
- Green #12 Ga. solid copper wire
- Green zinc plated ground screw
- UL Listed wire

DRC50 1/2" Non Metallic Cable Connector

- Easily installed/no tools required, snap in, you're done
- Easy to remove from knockouts and easy removal of Romex® from connectors
- Single cable: 14/2 - 10/3
- Two cables: 14/2, 12/2, 14/3
- 60 pound test pull
- Thermoplastic
- UL/CSA Listed



CWC6 6' Pre-Tied Ceiling Wire with 1-1/4" Pin & Clip

- 12 Gauge wire
- Includes 1-1/4" pin & clip
- Galvanized finish



HPTK2 12 Ton Hydraulic Punch Kit

- 16 Piece kit 1/2" to 4"
- Aluminum tool features 12 ton fully articulating head - 360° capability
- Only ONE tool required for all dies
- Laser etched markings on die cups for precise location
- Dies require 50% less torque than competitive dies
- 3 Point die design - slugs cannot bind - they just fall out!





Quik-Spec™ Coordination Panelboard (QSCP) and Power Module

- Bussmann™ series QSCP is a compact fusible distribution panel that makes selective coordination easy with the same width as traditional circuit breaker panelboards
- Bussmann series Quik-Spec Power Module is an all-in-one elevator disconnect switch available in configurations to meet any single elevator shutdown and disconnect requirement



Power Distribution Fuse Blocks

- Save up to 65% panel space while reducing installation time and costs by combining two components into one
- Available for Class J ferrule and knifeblade fuses as well as Class H(K) and R ferrule fuses; all with DIN-Rail and panel mount versatility
- A 200 kA withstand rating helps achieve higher assembly short-circuit current rating (SCCR)



Fuses Made Simple™

UL branch circuit:

- Three tiers of protection help speed up selection; ultimate protection, advanced protection and basic protection
- Color coded by family

UL supplemental control circuit:

- Find the Bussmann series control circuit fuse you need in three simple steps: type, voltage, interrupting rating



Medium Voltage Fuses

- Expanded Bussmann series portfolio of current-limiting E-Rated, R-Rated and PT medium voltage fuses to protect motors, switchgear, transformers, small power and control transformers, and feeder circuits
- All E-Rated and R-Rated medium voltage fuses include open fuse indication with available microswitch for remote indication to speed troubleshooting



Modular Ferrule and Knifeblade Fuse Blocks

- Modular, snap-together design provides tool-less assembly of multiple pole blocks to save inventory and reduce assembly time. Optional see-through covers enhance safety with IP20 finger-safe protection, lockout/tagout capability and open circuit indication.
- Modular ferrule blocks for Class CC, H(K), J and R fuses
- Modular knifeblade blocks for Class H(K), J and R fuses

Compact Circuit Protector (CCP) Disconnect Switches

- Revolutionary CCP is designed as a fused branch circuit rated disconnect with a footprint 2/3 the space required by a traditional fusible switch
- 200 kA SCCR with Bussmann series Low-Peak™ Class CF CUBEFuse and Class CC fuses helps provide high equipment SCCR
- Finger-safe construction and lockout/tagout capability for added workplace safety



Power Distribution Blocks

- UL Listed finger-safe DIN-Rail or panel mount modular power distribution blocks in ratings up to 760 amps. Single-poles dovetail together for the desired number of poles.
- UL Listed power distribution blocks available in 1- to 3-pole versions with ratings up to 310 amps and 200 kA SCCR
- UL Recognized power distribution blocks available in 1- to 3-pole versions with ratings up to 1520 amps



High Speed Fuses

- Better Protection: 5% lower I²t energy let-through on average than competitive fuses to better protect sensitive semiconductors
- More Energy Efficient: 13% lower watts loss on average than competitive fuses
- Faster Lead-Time: 21-day or less lead-time with QuikShip Made to Order service on more than 400 most popular square body high speed fuses



Modular DIN-Rail Fuse Holders

- Easy application color coding: yellow for PV (1000 Vdc), red for IEC (690 V), and black for UL (600 V)
- 1-, 2-, 3- and 4-pole versions
- Finger-safe, high SCCR rated, Class CC, J, midjet, and 10x38 IEC size fuses
- Available PLC remote open fuse indication with the CH-PLC module
- Complete line of 1- and 3-phase finger-safe comb busbars and power feed lugs





Carbide Cutters

- Complete solutions for ½"-2" conduit; ⅝" to 3" hole sizes
- Fast, accurate holes in stainless steel, mild steel, iron, copper, brass, aluminum, fiberglass and plastic sheet
- Longer tool life, less friction, torque and heat
- Split point cobalt-steel pilot drill eliminates walking and penetrates quickly
- Available in quick change and single piece design in individual sizes and various kits



Cable Stripping

- No matter what type of material or cable you are stripping, Greenlee has the product for you
- C3 AutoWhip MC cable cutter for cutting and notching ends on AC (BX), MC & FMC cable ½"-1" OD for aluminum or steel. Fully automated and programmable system to feed in cable set length and tail measurements all through a touch screen interface or USB upload
- Greenlee offers a variety of options to strip all types of cable from THHN to Semi-Con – G2090, Saber™ Cable Strippers, P2095/P2096



Step Bits

- Made in USA
- Unique split-tip design penetrates through steel faster
- Resists walking or skidding, even on round surfaces
- Balanced, "double-flute" construction requires less pressure, does the work for you
- Available for use in Mild steel and Cobalt version for stainless steel applications



Drill Taps

- Complete hole drilling, tapping and deburring/countersinking in one operation with power drill saves labor and time
- Back tapered beyond tap to prevent thread damage from over-drilling
- Taps holes up to 4x faster than traditional methods
- Available in individual sizes and new longer lengths for ½" material



Bi-Metal Hole Saws (830)

- Made in USA with global components
- Cut through steel, tin, aluminum, fiberglass, wood and plastic
- Deep 1 ⅝" cutting depth allows for cutting through 2x4" wood studs
- Extra-tough bi-metal blade made from highest grade of tool steel
- Available in various individual and kit sizes

Intelli-PUNCH™ Knockout Driver

- Auto-Retract Technology: detects punch completion and automatically retracts the ram, preventing damage to knockout parts
- 360° rotating head punches at any angle
- Powerful 11-Ton punching force: Punch up to 6" in 14 GA mild steel or 4" in 10 GA stainless steel
- Compatible with all Greenlee knockouts designed for use with a hydraulic tool



Bending and Pulling Solutions

- Wide range of products to meet the demands for the pulling and bending categories
- Save time and increase your efficiency and safety with 2,000lbs to 10,000lbs pulling capacity options
- Trusted as the industry standard for bending with equipment from hand benders, electric benders, PVC heaters/blankets, accessories, and hydraulic benders for up to 5" conduit



Next Generation Gator®

Battery Tools

- Crimping tools available in 4 & 6-ton inline as well as 6, 12 & 15-ton pistol grip versions
- All crimpers are UL certified with use of key lug manufacturers (see product literature for complete listing)
- New features include Bluetooth® technology and LED display to show real-time communication details of battery charge, pressure level, and cycle information



Knockouts

- Greenlee offers the widest range of fast, reliable knockouts for mild and stainless steel applications. Whether you are using a battery-powered tool, manual or hydraulic driver, Greenlee has the right product for the application to punch holes up to 6" in mild steel and 4" in stainless steel. Specialty application punches are also available. All Made in the USA.



Storage and Material Handling:

- From small chests to large field offices, we offer solutions built as tough as the trade for any job
- Material handling options from wire/cable carts, pipe racks, rope stands to our newly designed Workhorse bending and threading workstation
- Made in the USA





HelaGuard Non-Metallic Conduits & Fittings

- A complete line of industrial-quality conduits and fittings available in a range of styles, sizes and materials that are easy to install and resistant to sunlight, UV rays and most chemicals
- Snap-on nylon fittings with NPT threads deliver liquid-tight installations from IP65 to IP68 classifications



Braided Sleeving

- Sleeving that provides abrasion and damage protection against chemicals, salts, solvents, de-icing fluids and petroleum products
- Specialty sleeving options provide defense against flames, fraying, heat/high temperatures, and electromagnetic interference



Heat Shrink Tubing

- Shrinkable tubing that delivers superior insulation for wires and cable, providing abrasion resistance and environmental sealing protection
- Available in different shrink ratios, a selection of diameters, temperature ranges, color choices, materials, lengths, as well as packaging and adhesive-lined options



Helawrap

- Protective tubing for bundling and shielding cables, wires and hoses which need a high level of mechanical protection
- Manufactured from Halogen-free flame retardant PA6
- Flame inhibiting properties make it an ideal choice when fire safety is a consideration



Wiring Duct

- Manufactured from high-impact, rigid PVC, the Pro-Duct line includes solid, slotted and high-density slotted styles
- Comes in standard colors of white, gray and black in 6' lengths. Blue and other colors available as well
- Features smooth edges to safeguard wires as well as the installer from abrasion

Electrical Safety Labels

- A collection of electrical warning and safety labels to alert of hazards and to mark electrical and automation equipment
- Pre-printed header labels meet code requirements for text and color usage
- TagPrint Pro 3.0 label design software along with thermal transfer labels and printer support creation of custom safety labels



Releasable Ties (Q Ties, Speedy Tie, Grip Ties)

- Cable tie options that secure wires like traditional ties but with the ability to be adjustable, releasable and reusable
- Q Tie features an innovative open-style head and is ideal for use while working with gloves or in areas of limited visibility



Industrial/Ratchet P Clamp

- Ratchet P Clamp is an innovative wire bundling solution
- Adjustable ratchet clamp mechanism
- Offered in four sizes and multiple mounting configurations
- Enables for reduction of parts and inventory costs
- Cuts the installation time required for wire harness and cable installation and maintenance
- Engineered for heavy equipment manufacturing, it also solves wire bundling challenges in OEM, automotive and solar installations



Cable Ties, Mounts, Clips, Clamps & Bundle Separators

- Hundreds of bundling and securing options from standard cable ties to application-specific fasteners; available in different lengths, materials, colors and tensile strengths
- Clips and clamps in a variety of material options that are highly weatherable and impact resistant, ideal for demanding environments



Special Purpose Cable Ties

- An industry-leading assortment of ties manufactured from materials that resist environmental stresses such as chemicals, radiation, UV, and extreme temperature environments
- Special Materials: PA66, PA66HS, PA66HIRHSUV, PA11, PA12, PA66VO, PP, ETFE, PA66HL, stainless steel, and others



Pre-terminated Solutions/ RapidNet®

- Patented, pre-tested, connect-and-go systems
- Offer high performance in copper and fiber solutions within the same footprint
- Requires no on-site termination or certification testing – speeds installation time
- Meets “green” initiatives in its ability to reduce waste materials and enable cleaner job-site installations

HelaNet Copper Solutions

- Fully structured cabling solutions that include Category 5e, Category 6 and Category 6A product lines for quality engineered installations
- Exceed TIA requirements for structured cabling systems
- Line includes patch panels, patch cords and jacks

HelaNet Fiber Solutions

- Fully structured cabling solutions that meet the growing demands for high-speed Ethernet
- Meet all ANSI/TIA/EIA specifications for fiber-optic performance
- Line includes a full array of enclosures, adapter panels, trunks, fiber jumpers, and connectors

Surface Raceway

- Securely hide and route communications wires with non-metallic surface raceway
- Available in low voltage and power rated options
- Low Voltage Raceway allows cables to be laid in rather than pulled through

HelaGuard Non-Metallic Conduit

- Extremely flexible, lightweight, and durable cable protection
- UV resistant
- Excellent impact strength; recovers quickly if crushed
- Options of single or double slit opening construction for easy access during installation and maintenance
- Available in a choice of PA 6 and PA12

Solar Ties

- Engineered for extreme environments
- Manufactured of environmentally-matched materials to suit different regions and varying conditions
- Offered in a variety of materials, styles, tensile strengths and bundle diameters

Solar E-Clips

- Wide selection to accommodate any frame rail or application preference, with or without pre-drilled holes
- Engineered from specialized UV stabilized materials
- Offer low insertion force for ease of placement and removal along with a reduction in installation fatigue and speed

Pre-printed Solar Labels

- A line of the most commonly used regulatory identification labels
- For use on large utility and scaled PV installations
- Meet NEC and IFC standards for printed text, character height, color, and outdoor UV stability

Software and Printer Systems

- TagPrint Pro 3.0 label-creation software for simplifying the process of creating and printing code-compliant custom labels
- TagPrint Pro 3.0 comes loaded with a wide range of pre-saved label designs for the most common DANGER, WARNING, CAUTION, and other labels required by industry codes and standards
- Desktop printers for handling medium-to-large label volumes



NETWORK LABELING AT A TAP

TagPrint XPRESS Data Center and Solar Mobile Apps

- Code standard reference and labeling tools designed specifically for the market served
- Each app provides an easy guide through labeling codes and industry regulatory requirements
- Print labels wirelessly from a mobile device





TKO™ Carbide Tipped Hole Cutters

- Replaces traditional knockout systems
- Quickly and efficiently cuts clean holes on sheet metal and stainless steel
- Exclusive SmoothStart™ starter bit
- Integrated arbor, starter bit and overdrill flange
- Time, labor and cost savings
- Individual sizes range from 3/4" to 4 1/2". 4-piece and 6-piece kits available



Drill Tap

- Drill, tap and deburr in single operation saves time.
- High performance 3-flute design split point smooth starter tips
- Hardened Tapping Edges
- Deburring cutting edges
- Available in a kit or individual sizes



SureTrace™ Circuit Tracers

- Identifies breakers and circuits with CertainCircuit™ detection
- Traces wires and pinpoints opens and shorts
- Audible and visual signal strength detection
- Works on energized, de-energized, open and closed circuits 0-600V AC/DC
- 4-sensitivity levels for accurate tracing



New Feed-Thru Modular Plugs and FT-45™ Tool

- RJ-45 Cat5E and Cat6 Feed Through Connectors
- Align Wires and Insert through connector
- Verify wire order
- FT-45 crimps and cuts flush in one step
- Simple and easy. No wasted labor. No wasted materials. No sleds or liners.



Modular Jacks and Wall Plates

- MOD JACKS**
- Cat6, Cat5E and Cat3 Voice Modular Jacks Available
- 110 IDC style connection
- Accepts 8 and 6 position connectors

WALL Plates

- Keystone Faceplates
- Available in single gang, 0,1,2,3,4,6 port configurations
- Standard Mid Size 2.75"x4.75"

TightSight™ Clamp Meters

- Exclusive TightSight second display
- 1000A and 660A AC/DC voltage.
- DC current available on select models
- True RMS current and voltage
- Backlit display with low battery indicator
- Includes leads and protective carry pouch



Made In USA Hand Tools

- Made in USA quality – Made right. Made right here.
- American steel forged in Colorado Springs, Co
- Dipped grip, SmartGrip™ and Insulated 1000V rated models
- Screwdrivers, wrenches, benders, pliers and more



Wire Termination, Grounding and In-Sure® Push-In Connectors

- IDEAL is the leading force in wire termination technology
- Twist-On, Push-In, and crimp-style connectors
- Terminals, Street Light Kits, and grounding products
- Proven product performance and ingenuity



Adjustable Torque Screwdriver

- Adjustable torque from 0-36 in.lbs
- Dual metric and imperial scale with bi-directional accuracy
- Simple torque adjustment
- Used for assembly and maintenance applications



National Championships & Training Seminars

- Programs designed to increase floor traffic, sales and profit
- IDEAL National Championships Events
- Merchandising Training
- Datacom – Cut, Strip, Terminate & Test Training
- Lockout Tagout Certification Training
- Branch Circuit Training and more.





Juno® Retrofit LED Basics Series™ Downlights

- Simple, economic way to upgrade nearly any existing 4", 5" and 6" recessed fixture to energy-efficient LED downlight
- Up to 700 lumens at 10-watts input, or up to over 1,000 lumens from 13.5-watts with 90 CRI minimum
- Available in 2700 K, 3000 K or 3500 K
- Provides up to 85% lighting energy savings
- ENERGY STAR® Qualified



Juno® 2" LED Downlights and Adjustables

- Produces over 600 or 1,000 lumens of brilliant white light, consuming as little as 10W
- Very low-profile for flexible range of applications
- Round and square apertures with a wide range of trim styles/finishes
- Approved for insulated or non-insulated ceilings
- ENERGY STAR® Qualified



Juno® Commercial LED (JCLR Series) Retrofit Kit

- All-in-one design - Everything you need to upgrade your existing fixture all in one box
- Lumen Options - Choice of four packages producing up to 2400 lumens typical at 27.5W
- Available in 2700 K, 3000 K, 3500 K or 4000 K LED; 80 CRI min (1800 & 2400 lumen) or 90 CRI minimum (1500 & 2000 lumen)
- ENERGY STAR® Qualified



Juno® SlimForm™ LED Surface Mount Downlights

- Ultra-Slim ½"H x 1"W profile
- 50,000 hour service life
- Up to 414 lumens per foot and 83 lumens per watt
- Even LED spacing with no dark spots between fixtures
- Available in 4000 K or 5000 K with 80 CRI minimum or high 90 CRI minimum 3000 K
- ENERGY STAR® Qualified



Juno® Retrofit LED Downlight (J6RL) Trim Modules

- Available with choice of integral 600 lumens 11.4W or 900 lumens 14.5W nominal light engine
- Replaces up to 65W BR30 incandescent (600 lumen option) or 75W PAR30 lamp (900 lumen option)
- Designed for use in IC or non-IC construction
- ENERGY STAR® Qualified

Trac-Master™ Conix® II LED (T261L) Trac Head

- Small and compact, this elegant little fixture requires only 11 watts to produce up to 1,100 lumens
- Performance even surpasses 20W MR16 CMH while providing more than four-times additional rated life
- Produces highly consistent light in 2700 K, 3000 K, 3500 K, and 4000 K
- CRI choices include 80 CRI minimum, 90 CRI minimum or SpectralWhite
- ENERGY STAR® Qualified



Trac-Lites™ (R605L) LED Fixtures

- Available in 2700 K, 3000 K, 3500 K or 4000 K at 80+ or 90+ CRI
- Consumes only 10.5W, these track fixtures are highly efficient providing up to 100 lumens per watt
- Available in spot, narrow flood, flood, or wide flood beam distributions
- Interchangeable, precision-molded custom TIR optic assemblies
- Offered in black, bronze, silver or white finishes



Juno® Undercabinet Solo-Task LED Lighting

- Available in recessed and surface mount options
- Produces over 280 lumens
- Thin ⅝"H x 2½"W profile
- Offered in white, brushed bronze, satin nickel and black finishes
- Consumes 3.8-watts - less than one-fifth the energy of equivalent halogen or xenon light sources and generate significantly less heat
- UL and cUL Listed



FlexConnect™ Architectural Linear LED Lighting System

- Easy to bend, shape and cut in the field for unrivaled application flexibility
- Produces up to 450 lumens per foot of brilliant white light
- Available in 2200 K, 2700 K, 3000 K, 3500 K and 4000 K with standard CRI of 80 minimum and CRI of 95 available
- Linear runs from 1-foot to 40-feet in length are possible with no voltage drop, ensuring even illumination



Juno® Pro-Series SoftTask™ LED Undercabinet Lighting

- Duplicates the light level of fluorescent undercabinet lighting while consuming only 45% of the energy
- Utilizes warm-white 3000 K LEDs tightly binned to within a 3-step MacAdam Ellipse for industry-leading color consistency, 90 CRI minimum
- Available in 22", 30" and 40" fixture sizes with Passive Infrared (PIR) Occupancy Sensor
- ENERGY STAR® Qualified





Heavy-Duty Wire Stripper

- The durability of pliers with the sharpness and precision of a wire stripper
- Wire cutting, stripping, twisting and bolt shearing in one tool
- 4X stronger than traditional wire strippers
- Strips 10-18 AWG solid and 12-20 AWG stranded wire



Heavy-Duty Diagonal-Cutting Pliers

- Extra-long cutting blades provide 57% more cutting surface for greater cutting ability
- Thicker forging for longer tool life
- 2000 series heavy-duty cutting knives cut ACSR, screws, nails and most hardened wire



Non-Contact Voltage Tester w/Infrared Thermometer

- Detects AC voltage from 12 to 1000V with visual and audible indicators
- IR thermometer with user selectable °F / °C from -20 to 482°F (-30 to 250°C)
- Laser pointer helps target 4:1 distance to spot ratio for IR temperature



Cable Skinning Utility Knife w/Replaceable Blade

- Heavy-duty 440A Stainless Steel sheepfoot blade is easily replaced eliminating the need for sharpening
- Handle has rubberized grip and release lever for lockback mechanism
- Replaceable blade is held securely by a captive screw
- Thumb stud for easy opening and pocket clip to keep knife readily available



Magnetizer/Demagnetizer

- Single swipe operation magnetizes and demagnetizes using powerful rare-earth magnets
- Fits most screwdrivers including precision screwdrivers, 1/4 Slotted, #2 Phillips and #3 Phillips
- No batteries required

Digital Clamp Meter AC Auto-Ranging 600A

- Automatically ranging true mean squared (TRMS) technology for increased accuracy
- Clamp measures AC current
- Test leads measure AC/DC voltage, resistance, continuity and tests diodes
- CAT IV 600V, CAT III 1000V, Class 2, Double insulation safety rating
- Built to withstand a 6.6' (2 m) drop
- Includes carrying pouch, test leads and batteries



Open Jaw Cable Cutter

- Reduced hand force for easier cutting
- Patented two-step ratchet mechanism requires fewer strokes per cut
- Cuts up to 600 MCM Copper and 750 MCM Aluminum
- Quick release lever allows removal of the cable before completion of cut



Multi-Bit Screwdriver with Storage 15 Pc

- Multi-bit driver includes 14 different screwdriver tips plus a 1/4" nut driver
- Internal storage for screwdriver bits
- Cushion-Grip Handle for maximum torque and comfort



Self-Leveling Cross-Line Laser Level with Plumb Spot

- Self-leveling, easy-to-read horizontal and vertical laser lines
- Plumb spot lasers to pinpoint overhead locations
- Integrated magnetic 360° mounting bracket with 1/4" and 5/8" tripod mounting threads
- IP54: water and dust resistant
- Hard plastic carrying case included



1/8" Wide Steel Fish Tape 240 ft

- Stiff, high strength steel is great for long runs and heavy duty wire pulls
- Laser etched markings in 1' increments for more accurate measurement of the depth of conduit runs and the amount of tape left to pay out
- Raised fingergrips transfer 100% of the winding power from your hand and fingers



EPANL Series Fully-Luminous LED Flat Panel

- Shallow depth 0.64" panel, 2.19" height including the driver box
- Lumen packages: 3400L - 2' x 2', 4000L - 1' x 4' and 2' x 4'
- MVOLT 120-277V standard
- Dimming to 10% with a 0-10V driver
- Long-life LEDs maintain 70% of their lumen output at 60,000 hours
- Some configurations are DLC Premium qualified products

BLT Series Luminaire and BLTR LED Relight Assembly with Power Sentry® Emergency Backup Drivers

- Available in 1'x4', 2'x2' and 2' x 4' sizes
- Parabolics for energy savings of up to 60%
- Installs in less than 4 minutes from the room side—no need to access plenum
- Dimming to 10% with a 0-10V driver
- PS1055LCP and PS1555LCP Power Sentry® drivers are UL Listed for universal field install
- Some configurations are DLC Premium qualified products

LED Speaker Recessed Downlight (6SL) with Integrated Bluetooth® Speaker

- Available in 2700 K, 3000 K and 4000 K in 90CRI standard
- Fits in standard 6" apertures and recessed cans
- Speaker wirelessly connects to most Bluetooth-enabled devices
- Wirelessly pair up to 8 speaker downlights
- Wet location listed
- TRIAC dimmable to 10%

Wafer™ LED Recessed Downlighting

- No housing needed
- Offered in 3" Round, 4" and 6" in Round and Square
- IC rated - safe to install in direct contact with insulation
- Edge-lit LED technology provides even illumination
- Available in 2700 K, 3000 K, 3500 K, 4000 K, and 5000 K color temperatures
- Dimmable to 10%
- Wet location listed
- ENERGY STAR® Qualified

XVML Vaportight

- Available in 3500 & 5000 lumens packages in 4000 K & 5000 K
- Multiple mounting options (surface, angle, junction box, chain/wire suspended)
- Easy-to-install, tool-less access
- IP66 Rating; Wet-Location Listed
- Polycarbonate frosted lens
- Some configurations are DLC Standard qualified products

I-BEAM® IBG LED High Bay

- Replaces up to 1000W HID
- Energy savings up to 65% when compared to fluorescent and HID
- Available in 8,000 to 60,000 lumens
- Offered in 2' and 4' with general, wide, narrow and focus distributions
- Available in 3000 K, 3500 K, 4000 K and 5000 K
- Some configurations are DLC Standard and DLC Premium qualified products
- Compatible with Haleon Sensor with Bluetooth® from Sensor Switch® controls

JCBL LED High Bay

- One-for-one replacement for existing HID fixtures to maintain traditional look of space
- Replaces up to 400W HID and 4- or 6-lamp T5HO luminaires
- 57% more energy efficiency over comparable HID fixtures
- Lumen outputs: 18,000 at 162W or 24,000 at 200W
- Rated for damp locations and features an IP65 rated optical enclosure
- Some configurations are DLC Standard qualified products

LED Contractor Dual Strip Light (CDS)

- Available in 2,200 (2'), 4,200 (4') or 9,000 (8') lumens
- Up to 120 LPW
- Offered in 2', 4' and 8' lengths
- Available in 3500 K, 4000 K & 5000 K
- Continuous-row mounting
- End-to-end illumination with no pixelation
- 35°C Ambient Rating
- Some configurations are DLC Standard qualified products

MRSL LED Strip Retrofit Kit

- Permanent retrofit solution that will withstand the test of time
- Replaces T8 and T12 strips while saving up to 40% in energy costs
- Lumen packages ranging from 1,500-10,000 and available in 4' and 8' configurations
- Quick and easy installation
- Mounted to traditional channels that are 2.75" to 5" in width
- Integrated sensor and battery pack
- Some configurations are DLC Standard qualified products

CLX LED Linear Strip Light Series

- Available in 1,500 to 20,000 lumens
- Standard and High Efficacy options, up to 160+ LPW
- Available in 2', 3', 4', and 8' lengths
- Continuous-row mounting
- End-to-end illumination with no pixelation
- Smooth, clean housing with diffuse lenses offered in flat, round and wide options
- 40°C rating standard; 50°C option
- Some configurations are DLC Standard qualified products



Dual Function AFCI/GFCI Receptacle

- Meets the latest UL standard for auto-monitoring (self-test); periodically conducts an automatic internal test to confirm that GFCI protected power is available
- Trip threshold meets or exceeds UL requirements for tripping time on ground faults and on both series and parallel arcs for optimal safety
- Patented Lockout Action prevents reset if the device is damaged



Heavy-Duty Industrial Specification and Hospital Grade Receptacles

- Body and face made of impact-resistant advanced engineering polymer for extreme durability
- Meet all UL, CSA, and Fed Spec requirements
- External wiring clamps allow for back or side wiring, and provide visual verification of termination and a faster, easier installation



Marked Controlled Receptacles

- Can be used to comply with NEC Article 406.3(E), CA Title 24 & ASHRAE Energy Efficiency Standard 90.1
- Decora Plus™, Standard Duplex and Lev-Lok® options available
- Marked with a specific symbol and the word "CONTROLLED" on the receptacle



USB Charger/Duplex Tamper-Resistant Receptacles

- Smart chip recognizes and optimizes the charging requirements of individual devices
- Combined total of 5.1A of charging power
- Type-C port is compatible with the newest devices



Powerswitch® Safety Disconnect Switches

- Non-Metallic versions available in 30A, 60A, and 100A, Fused & Non-Fused
- Rated to IP69K, IP66/67/68/69, UL 50E Type 3R, 4, 4X, 6P, 12, 13
- Stainless Steel versions available in 30A, 60A, 80A and 100A, Non-Fused
- NSF Certified for hygiene requirements in food & beverage processing



Lev-Lok Modular Wiring Devices

- Switches, Occupancy Sensors and Receptacles available in Hospital Grade, Specification Grade, Surge Protective and GFCI
- Installation is 3x faster than traditional wiring
- Meet current and future building needs with ease of installation and replacement

Weatherproof Covers

- Can be used to comply with NEC® 2017 Section 406.9 for weather-proof enclosures in wet and damp locations
- Available in a wide array of configurations for protecting switches and receptacle outlets
- Extra duty models meet or exceed the most stringent impact resistance tests required in UL 514D, ensuring maximum safety in abusive environments



Provolt™ Room Controller (PRC)

- Easy standalone 0-10V dimming and occupancy/vacancy sensing control
- Easy installation with only two devices required for a complete solution
- Easy setup with the Provolt App—no ladders required
- Easy template creation to quickly program multiple rooms
- Enable daylight harvesting and demand response via the App



Decora Digital Dimmer

- No hub, Internet or gateway needed
- Control manually or using free iOS and Android app
- Bluetooth compatibility provides point-to-point control up to 30 feet
- Wirelessly control, adjust and time lighting from a Smartphone or tablet
- Countdown (sleep) timer and programmable timer that automatically adjusts to sunrise/sunset times and daylight savings



VerifEye™ Submetering Solutions

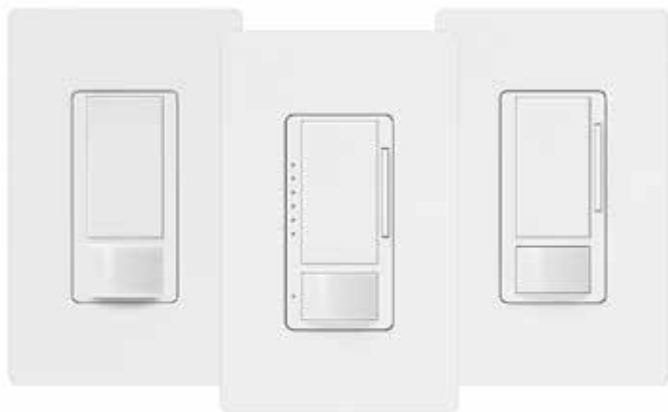
- Flexible line includes submeters, communication products, and BMO 3.0 energy information software solutions
- Easy integration with third party building management system platforms
- Installer friendly, reverse phase LED and power and load indicators provide installation diagnostics
- Ease of communication between multiple parties and platforms





Vive

- Simple, scalable, wireless solution for new and existing commercial buildings
- The Vive product family lets you personalize control to each space in your building
- Specifying Vive reduces design time and callbacks and allows for changes during the project without the need for redesign
- No factory setup required – Simple setup and programming options with the Vive hub
- App guides to help you meet codes – lutron.com/AppGuides



In-wall Sensors

- Full line of reliable in-wall sensors with a clean aesthetic and tamper-resistant lens
- Easy button-press set up saves time
- Lutron proprietary XCT technology ensures lights stay on in occupied spaces
- Models for any application and all lighting loads that include mistake-proof wiring (no polarity for line load)
- Sensor selection tool – lutron.com/SensorSelectionTool



Caséta

- Control lights, shades, temperature, and audio from anywhere
- Supports up to 50 devices
- Save time and avoid hassle with an easier 3-way – no additional wiring necessary
- Works with compatible dimmable LEDs, incandescent, and halogen bulbs
- Add control from a smart device using the Lutron Smart Bridge – Free app is available for IOS and Android
- Set timer once and never reset again – schedule automatically adjusts when seasons change
- New integration partners are always being added.



RA2 Select

- Lutron's newest whole home lighting control system is making smart home integration simple
- Supports up to 100 devices, works with a home's existing wiring, and features automated scene configuration
- C•L dimmers work with compatible dimmable LEDs, incandescent, and halogen bulbs
- Automated system configuration – Set schedules and enable control from anywhere in the world
- Expand beyond lights and shades with voice, audio, video, and temperature control from other leading brands.



C•L Dimmers

- First dimmers truly designed for LED dimming, and tested to work with more than 1,000+ lamps
- Don't require a neutral or special wire temperatures
- Take the hassle out of low-end adjustments
- Use patented technology to prevent dimmer interaction and minimize flicker, for beautiful LED dimming
- Reverse-phase LED dimmers now available
- New Maestro fan control and LED dimmer – Specifically designed to adjust your fan speed without pull chains from one wall control.
- lutron.com/BulbSelector



FORCE LOGIC™ M18™ 10 Ton Knockout Tool ½" to 4" Kit

- Powerful enough to punch 4" holes in 12 gauge Stainless Steel
- Quick Connect Alignment System allows for easy set-up without the tool
- Exact™ Punches and Dies with cross-hairs for accurate holmaking
- Compatible with Competitive Accessories



M18™ FORCE LOGIC™ 6T Knockout Tool ½"-2" Kit

- Punches up to 4" holes in 14 gauge mild steel
- Ideal for service: 40% lighter weight and compact size deliver the best clearance for tight spaces
- EXACT™ punches and dies are rated for both mild and stainless steel punching



M18™ FORCE LOGIC™ Cable Cutter Kit with 750 MCM Cu Jaws

- Powerful 6T hydraulic pump effortlessly cuts through 750MCM Cu in 3 seconds
- Open Jaw, In-line design easily fits into crowded panels
- Patented Anti-Spreading Jaw design provides the best power to size ration in the industry
- One handed operation: Fully balanced tool design and automatic jaw opening



M18™ REDLITHIUM™ High Demand™ 9.0 Battery Pack

- REDLINK™ Intelligence provides optimizes performance and overload protection using total system communication between tool, battery, and charger
- Best-in-Class pack construction offers long-lasting performance and durability
- Fuel gauge onboard displays remaining runtime for less downtime on the job



M18™ FORCE LOGIC™ 600 MCM Crimper

- Proprietary Jaw Alignment System holds connector for instant alignment
- PFM™ (Predictive Force Monitoring) Ensure optimal pressure for every crimp and fastest crimp time in the industry
- Tool records and stores every crimp made. One Key™ enabled for professional reporting
- In-line design and 350 degree head rotation for easy access in the tightest panels

M18™ ROCKET™ LED Light Tower/Charger (Tool Only)

- 5 second setup, 7 foot extension
- 3,000 Lumens of multidirectional light with 3 independently pivoting heads
- Impact resistant, reinforced legs
- Built in M18™ charger
- Covered AC Plug-in



M18 Fuel™ 1" SDS Plus Rotary Hammer & HammerVAC™ Dedicated Dust Extractor Kit

- FUEL™ Technology: Delivers faster than corded speed, corded durability, and all day work on one charge
- POWERSTATE™ Brushless Motor: Provides 1.7ft-lbs of impact energy, 0-1,400 RPM and 0-4,900 BPM
- Replaceable Certified HEPA Filter: Filters 99.97% of all particles greater than 0.3 µm
- High Capacity Dust Box: Allows user to work longer without emptying the dust box



Combination Wire Plier

- Reaming head design-smooths edges of metal pipe from ½" to 1"
- Bolt Cutter-thread and cut #6 and #8 bolts to preferred length
- Wire stripper-strips 8-18 AWG (solid wire); 10-20 AWG (stranded wire)
- Curved cutting blade for clean cuts through larger wire sizes
- Rust protection-increases tool live by reducing corrosion



M18 FUEL™ SAWZALL® Reciprocating Saw W/ One-Key™ Kit

- Delivers faster than corded cutting speed and durability of a corded saw
- One-Key™ compatible: customize, track and manage tool's performance and location
- POWERSTATE™ Brushless Motor supplies constant power for fasted cuts and reduced heat for extended life



M12™ Cordless Sub-Compact Band Saw Kit

- One-Handed Cuts: Most compact size and lightest weight of any cordless band saw
- Powerful Motor: Cuts ¾" EMT in 3 seconds, up to 150 cuts per charge with the REDLITHIUM™ XC Battery
- 1½" cut capacity for a wide range of applications
- Meets OSHA Guarding requirements: Suitable for one handed use





PT Terminal Blocks

- Save wiring time up to 50% by directly pushing in ferruled/solid conductors
- Eliminate the risk of under-torqued wires by using Push-In leg spring
- Choose the ideal terminal block from a complete lineup spanning 24 AWG to 300 MCM
- Reduce downtime with Push-in Technology's pull out force five times the IEC requirement



Quint 4 Power Supply

- Alarm setting lets you know when your power supply begins to derate due to ambient temperature
- Gas discharge tubes and MOVs are present in all units to provide coordinated protection against transients
- An analog output is available to send real-time current, voltage, or power being used back to your PLC, HMI or SCADA controller



TMC 8 UL 489 Listed Breakers

- Varied trip curves for multi-pole options that include dual ratings to accommodate a variety of applications
- Full line of accessories and bus bars for increased functionality and ease of installation
- Trip-free design to increase safety against closing during an over current event



Wireless mGuard Kit

- Two products in one box (mGuard RS2005 + WLAN 1101)
- When wired connectivity is unavailable for the mGuard, the WLAN can be used to connect to a wireless network
- Perfect fit for the mGuard Secure Cloud Service



VL2 Industrial PC's - Reliable, Redesigned, Reinvented

- Dual 2.5 SATA drive bays
- Unique gull-wing door access to new PCI-e option
- Native hardware RAID support
- Configurable as a panel PC (PPC) and a box PC (BPC)
- Fanless design for industrial applications
- Powerful and energy-efficient Intel® Core™ processors
- Easily removable rotating or solid-state hard drives in a variety of sizes

FL SWITCH 2000: New entry-level managed switch

- Basic managed firmware for machine applications, and extended firmware for automation
- Multiple switch configuration options to choose from
- Approvals for hazardous locations and marine installations



FL WLAN 1101/2101

- Internal antennas - saves money
- Panel-mount IP54/IP68 designs - saves space
- Single-hole connection, industry-standard power and data connections - reduce installation cost



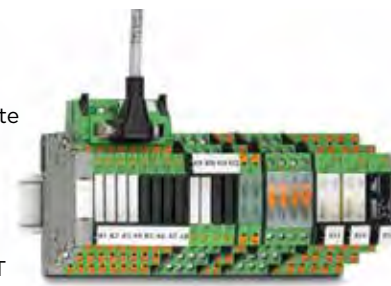
MINI Pro Analog Signal Conditioners

- 6.2 mm wide pluggable housing, with easily visible and accessible termination points, and integrated current loop measurement test points usable even during operations
- Industry robust design of 3kV isolation, and -40 to 70C operating temperature make it usable for a maximum number of applications
- Widest selection of modules for a variety of analog loop isolations, and signal conversions



PLC Relays

- Wide range of slim general-use and specialty relays, available in electromechanical and solid state forms
- Used in a number of signal interfacing and low power applications 6A or less
- Compact size reduces control cabinet size - just 6.2mm for SPDT and 14mm for DPDT relays
- Push-in technology, system cabling adapters, and cut-to-fit bridges greatly reduce wiring time
- Available HazLoc relays, filter relays, and more



Mobile Printing

THERMOFOX Handheld Printer

- Lightweight, rugged handheld printer easy to use in the field or around the shop

THERMOMARK PRIME - Thermal Transfer Card and Sheet Printer

- A rechargeable battery and integrated marking software makes this printer fully portable for field installations and around the shop
- The ink ribbon is contained in a drop-in cartridge saving time and frustration when switching or replacing





Downlights/RDLED 2" Downlight

- 8W replaces 50W MR16 with energy savings of 82%
- Up to 696 lumens, 79 lm/W
- TRIAC dimmer compatibility for additional light control down to 5%
- Precision-engineered optics deliver smooth light without hot spots or glare
- 100,000-hour LED Lifespan



Indoor LED Panel/EZPAN™

- Evenly diffused ambient illumination
- Offered in two sizes and three wattages: 2x2 (30W and 40W) and 2x4 (40W and 50W)
- 0-10V dimmable driver, standard
- Emergency battery backup option available
- Available with factory-installed Lightcloud™ lighting control system Controller
- Ultra-efficient edge-lit LED panel with an efficacy of up to 130 lm/W



Indoor Commercial LED Downlight/DLED8

- Available with high 90+ CRI
- Universal driver is compatible with TRIAC, ELV and 0-10V dimmers
- 30W DLED8 replaces 50W MH and 32W CFL, 38W DLED8 replaces 70W MH and 42W CFL
- Lightweight design for easy installation and increased safety
- Available in 2700, 3000, 3500 and 4000K



Stairwell LED Luminaire/TREADSAFE™

- Available in 2 ft. (28W) and 4 ft. (36W)
- Diffused lens for smooth light distribution
- 0-10V dimming driver, standard
- Optional integrated ultrasonic motion sensor; more reliable than passive infrared (PIR) which requires a clear line of sight
- 100,000-Hour LED lifespan



Linear LED Luminaire/BOA™

- Proprietary optics produce soft dimensional illuminance at the lens and over 700 lumens per linear foot
- Length offered in 2-foot increments up to 12 ft.
- Available in two light levels; 5W or 10W per linear foot
- 0-10V dimming down to 10%
- Pendant, recessed and surface mount options
- 100,000-Hour LED lifespan, no tubes to replace
- All mounting hardware included for pendant models

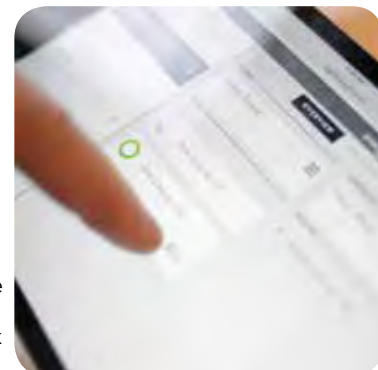
Garage Light/PORTO™

- Integrated photo/motion sensor control available
- Replace up to 175W MH
- Ultra-High efficiency up to 118 lm/W
- Pendant and surface mount
- Low glare, vandal-resistant polycarbonate lens
- 20% uplight eliminates "cave effect"
- Three power packages available in 30, 42 and 55 Watts



Lightcloud™ Lighting Control System

- Scheduling, daylight harvesting, personal dimming, occupancy & vacancy sensing
- Save users up to 68% on lighting energy costs starting on day one
- Unlimited tech/user support and set up
- Measures, tracks and reports real & estimated power usage over time
- Lightcloud™ devices communicate over secure, wireless mesh network
- 10-year full hardware warranty



Indoor LED Center Basket/SWISH™

- Available in 2x2 (19 & 29 Watt) and 2x4 (39 & 49 Watt) models.
- 0-10V dimming standard on all models
- Emergency battery backup available
- Optional occupancy sensor or Lightcloud™ Controller
- 100,000-Hour LED lifespan



Linear LED Washdown/SHARK™

- Available in 2 sizes and 4 wattages: 2 ft. (18 and 25W), 4 ft. (36 and 50W)
- Versatile mounting options: Chain, junction box, angled surface mount or vandal-resistant surface mount
- IP66 and NEMA 4X ratings protects against dust, water ingress and corrosion
- 0-10V dimming
- 100,000-Hour LED lifespan



LED Area Light/ALED360

- Available in 260W or 360W
- Optional integrated motion sensor/ photocell for multi-level control
- Optional bi-level dimming (enables 25, 50 or 75% dimming)
- Multiple mounting options: pole, slipfitter or wall
- 5 Pin and 7 Pin ANSI 136.41 control receptacles available
- 100,000-Hour LED lifespan
- 1,000 Watt equivalent





I-Line Combo Panelboard

- Saves time and space by combining I-Line and NQ/NF sections in one panelboard
- Requires up to 40% less space
- 600y/347 Vac, 48 Vdc maximum
- 1200 A max main circuit breaker or 800 A max main lug
- 1200 A max branch circuit breaker
- Available in single enclosure (26" and 32" width) or duplex enclosure (32" and 44" width)

I-Line Smart Cell for I-Line Panelboards and Switchboards

- Efficiently monitor system status and manage energy
- Communicate over Ethernet
- Add communications without adding footprint or high costs
- As easy as adding an I-Line circuit breaker
- Units available for ERMS, metering, IFEs, and more!

PowerPact B CBs for I-Line/OEM Panels

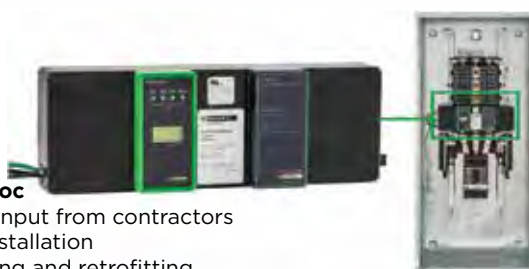
- Innovative circuit breaker with a space-saving design
- One-click accessories make it easy to customize.
- Smaller than previous PowerPact circuit breakers.
- Wider range: 15 - 125 A.
- A variety of connections types, including EverLink creep compensating technology.
- Din rail and screw mounting

MD Enclosed Motor Disconnect Switch

- Ideal when disconnect is required near motor.
- Compact, robust NEMA 4X enclosure
- 30 amp and 60 amp sizes, HP rated.

Whole Home Surge Protection

- 80% of surges originate inside the home
 - Only 20% of surges are caused by lightning strikes
 - Protects valuable electronics not attached to surge strips
 - Surge protection from 22.5kA to 80kA*
 - Warranty protection from 2 year/\$10,000 to 5 year/\$100,000*
 - Plug-on Neutral Breaker SPD version now available!
- *Depending on Model*



SurgeLogic SurgeLoc

- Engineered with input from contractors
- Quick and easy installation
- Easy field mounting and retrofitting
- Custom bus bar, rails, dead front, and fasteners not required

Solar Combiner Box

- First line in market designed with solar installers and electrical contractors in mind
- Variety of sizes and multiple mounting choices meet any PV system need
- Flexible installation with top, bottom, and side entry
- Substantial wire bending space
- Touch-safe interior shielding guards



Harmony XB5R Wireless, Batteryless Push Button

- Quick and easy installation
- Eliminates wires and cables
- Flexible due to its mobility
- Greater control and mobility for operators
- Maintenance-free



QO & Homeline Load Centers with Qwik-Grip and Plug-on Neutral

- Save time and work smarter - up to 40% faster installation
- Qwik-Grip makes installation easier and faster
- Eliminates most knockouts and box connectors
- Speeds up and simplifies rough-ins
- Plug-on Neutral means no more pigtails
- Speeds up breaker installation
- Frees gutter space



Safety Switches

- Designed to outperform other switches in wide range of demanding applications
- Time-saving design features make installation quick and easy
- Visible blades verify down-stream circuit is de-energized
- Rugged construction and corrosion protection





eFab™ by Thomas & Betts

- Fully engineered, prefabricated electrical rough-in systems
- In the wall: Prewired MC or NM cable branch wiring systems
- In the ceiling: Pre-cut strut, prebuilt trapeze systems, and cable and basket tray takeoff and design
- In the floor: Prewired floor boxes and poke-throughs and basket tray takeoff and design
- Dedicated engineering support team to assist with design and preplanning

Ocal® PVC-Coated Conduit and Fittings

- UL® Listed with both the zinc coating and the PVC coating investigated and listed per UL6
- Industry-leading thread protection through a hot-dipped galvanizing process
- "Double-Coat" fittings with urethane and PVC for enhanced corrosion protection
- On-site installation training and certification, with an extended warranty on installations by certified installers

T&B EX™ Hazardous Location Enclosures

- Complete offering of enclosures, motor control and panelboards for hazardous locations
- Motor control features compact, innovative ABB controls and circuit protective devices
- Customized enclosures are available to help end-users meet specific application requirements
- Control stations and pilot devices (push buttons, pilot lights, selector switches) available

TY-RAP® High Performance Cable Ties and Accessories

- The original cable tie invented by Thomas & Betts
- Complies with the new UL62275 standard
- Most are also AH-2 plenum rated
- Offering of both detectable and bacteria-resistant cable ties

T&B Solar Solutions

- Ty-Rap® weather-resistant nylon 12 cable ties and cable edge solar clips
- Blackburn® ground rod clamps, mechanical lugs and solar panel grounding lugs
- Color-Keyed® one- and two-hole, standard- and long-barrel compression lugs and splices
- Color-Keyed C-taps for 600V applications and Dragon Tooth® transition washers

T&B Liquidtight Systems™ Flexible Metal Conduit and Fittings

- Complete range of reliable, high-performance liquidtight fittings (steel, stainless steel, aluminum)
- Full offering of liquidtight flexible metal conduits for commercial and industrial applications
- Conduits and fittings have been tested together to ensure liquid ingress protection
- Technical Datasheets and Selection Guides for easy selection of an appropriate conduit and fitting solution



SuperMag™ Magnetic fittings for Superstrut™ Metal Framing

- Eliminate the need to manually hold fittings and strut together while installing
- Available in steel with both GoldGalv® and SilverGalv® finishes
- SuperMag fittings support at least 2x their own weight
- Magnets are staked in place for dual-sided use

SUPERSTRUT® Pre-Fab Strut Services

- Custom metal framing products and services to help reduce end-user material and labor costs
- Eliminates the cost of over-ordering material, on-site fabrication, scrap disposal and storage
- Strut channel in any length you need from 1 ft. to 18 ft.
- Custom engineering and pre-fabrication of trapeze systems and support structure
- No-cost, no-obligation quotes



Connectivity and Grounding Solutions

- Color-Keyed® compression lugs are UL® Listed for use with both copper code and flex conductors
- T&B Lug Link™ app makes it easy to select and configure connectors
- Hex-Flex™ crimp dies offer excellent pull-out strength plus embossed die code for easy inspection
- Complete range of Blackburn® mechanical, compression and exothermic grounding systems



Food and Beverage Solutions

- T&B® Fittings stainless steel rigid conduit, elbows and conduit bodies
- Adaptaflex® flexible metal conduit and fitting system with anti-microbial additives in the conduit jacket
- Superclean™ wall offsets allow for easy cleaning behind wall-mounted equipment
- Ty-Rap® detectable cable ties reduce the risk of contamination



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