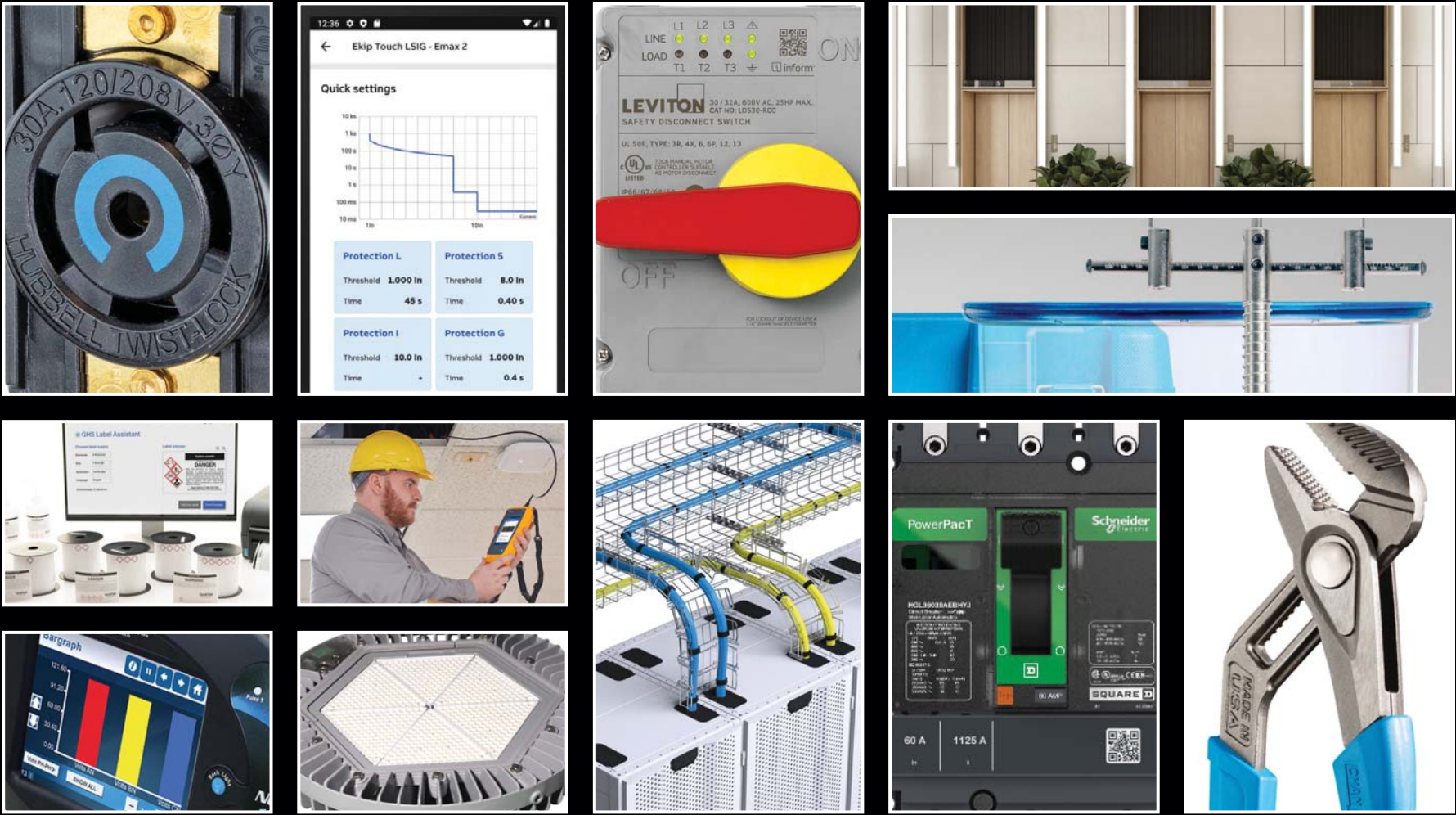


# EC&M<sup>®</sup>

# Product of the Year

## 2022 Competition







99.6%

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Delivery Rate

*Fed up with late or damaged wire & cable?*  
**Ask for the brand that starts with Service.**

With a **damage-free delivery rate five times better than the industry average**, you can rest easy knowing Service Wire will arrive on-time and damage-free.



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# CAST YOUR VOTE!

## HELP EC&M SELECT THE 2022 “PRODUCT OF THE YEAR” WINNER

EC&M readers, it's time to vote. Please help us identify the three most innovative and valuable products introduced to the market last year. The deadline to vote for this year's contest is June 24, 2022. To cast your vote, visit [www.ecmweb.com](http://www.ecmweb.com) between May 20 and June 24 to view a photo gallery of the 38 category winners. There, you can read product descriptions and view a product photo. After reviewing the category winners, help select the top winner by voting for your favorite product. As an added incentive, three lucky voters will be randomly chosen to receive a \$100 Amazon e-gift card.

EC&M established the Product of the Year Competition in 2001 to recognize excellence in new product development in the electrical industry. More than two decades later, this prominent awards program continues to showcase the most innovative products of the past year, recognizing the talent and commitment of those involved with all aspects of development. EC&M is honored

to bestow these awards on inventive products each year that ensure electrical professionals are able to do their jobs more efficiently and effectively.

Products eligible for this year's contest were those introduced to the market between Jan. 1, 2021 and Dec. 31, 2021. Out of the 103 product entries received, a panel of industry expert judges narrowed down the field as part of phase one of the competition. Ranking each product based on a uniform list of scoring criteria, the group ranked each entry, ultimately identifying 38 category winners (view the entire list on page 2) based on innovation and the ability to save end-users time and enhance productivity.

These 38 finalists will now compete for the 2022 Platinum, Gold, and Silver awards, which will be determined by EC&M subscribers in an online voting process administered on the EC&M website ([www.ecmweb.com](http://www.ecmweb.com)) beginning May 20. You can also find accompanying photos and product descriptions of all 103 entries in the pages of this special supplement.

EC&M

Product of the Year

2022 Competition



—

EPiC! Mobile App

Your perfect digital partner

VOTE FOR EC&M 2022  
PRODUCT OF THE YEAR





2022 CATEGORY AWARD WINNERS

CATEGORY	MANUFACTURER	PRODUCT
Boxes .....	Orbit Industries .....	Ready-To-Install Universal MC Cable Box
Computers & Software.....	ABB .....	EPiC App
Conduit, Raceways & Wireways.....	Legrand .....	Cablofil Cablobend Systems
Connectors & Terminating Devices.....	WAGO .....	TOPJOB S Mini Terminal Block
Construction Equipment.....	JLG Industries.....	DaVinci All-Electric Scissor Lift
Controls, Sensors & Relays.....	Intermatic .....	Electronic All-Purpose Contractor Box
Fasteners, Hangers & Accessories .....	Rocket Rack.....	Roof Top Post Mounts
Fittings (Conduit and Cable) .....	Robroy Industries.....	Stainless Steel Conduit Hubs
Labelers & Printers.....	Brother Mobile Solutions .....	On-Demand Safety Labeling Solution
Lamps.....	Keystone Technologies .....	DirectDrive HID LED Replacement Lamps with Power Select and Color Select
Lighting (Tape Light) .....	American Lighting .....	Spektrum+ Pro Kit
Lighting Control Equipment .....	Hubbell Lighting.....	Control Solutions UL924 NX Lighting Control Panel
Lighting Control Systems .....	Leviton .....	GreenMAX DRC Wireless
Luminaires (Accent & Pendant) .....	Axis Lighting.....	StencilFlex
Luminaires (Harsh & Hazardous Location) .....	Dialight .....	Ultra Efficient Vigilant High Bay
Luminaires (High-Bay).....	Keystone Technologies .....	Linear and Round High Bays with Power Select and Color Select
Luminaires (Outdoor – Area / Site).....	Keystone Technologies .....	XFit Area Light Stocking Special
Luminaires (Recessed) .....	Prescolite .....	LiteFrame
Luminaires (Retrofit Units).....	Keystone Technologies .....	Center Basket Retrofit Kit with Power Select and Color Select
Luminaires (Surface-Mount / Suspended).....	Axis Lighting.....	Elle Concave Luminaire
Luminaires (Troffer).....	Lithonia Lighting.....	STACK Pack
Metering & Monitoring Equipment.....	Electro Industries/GaugeTech .....	Nexus 1500+ Meter with PMU Functionality
Motors, Drives & Motor Controls.....	ABB.....	ReliaGear LV MCC Motor Control Center
Portable Test & Measurement Equipment .....	Fluke.....	1770 Series Three-Phase Power Quality Analyzers
Power Distribution Equipment .....	Leviton .....	Powerswitch Disconnect Switch with Inform Technology
Power Sources .....	Generac.....	PWRgenerator
Protective Devices .....	Schneider Electric .....	PowerPacT Molded Case Circuit Breaker
Safety Equipment & Workwear .....	Keen Utility .....	Troy Work Boot
Security Equipment & Systems.....	Dual-Lite.....	EZ-2
Specialty Products .....	BaseTek .....	Polymer Composite Housekeeping Pads
Tools (Accessory Items).....	Jonard Tools .....	Adjustable Round Hole Cutter w/ Vacuum Port, 9" (AHC-19)
Tools (Equipment).....	Werner .....	GLIDESAFE Fiberglass Extension Ladder
Tools (Hand) .....	Channellock .....	SpeedGrip Tongue and Groove Pliers
Tools (Power) .....	Greenlee.....	ESG45LX Hard Metal Cutter
V/D/V Test & Measurement Equipment.....	Fluke Networks.....	LinkIQ-IE Cable+Network Industrial Ethernet Tester
Wire & Cable.....	Atkore AFC Cable Systems .....	MC Glide Tuff
Wiring Devices .....	Hubbell Wiring Device-Kellems .....	Twist-Lock Edge Series Receptacles
Work Lights.....	Milwaukee Tool .....	M18 Utility Remote Control Search Light Kit w/ Portable Base



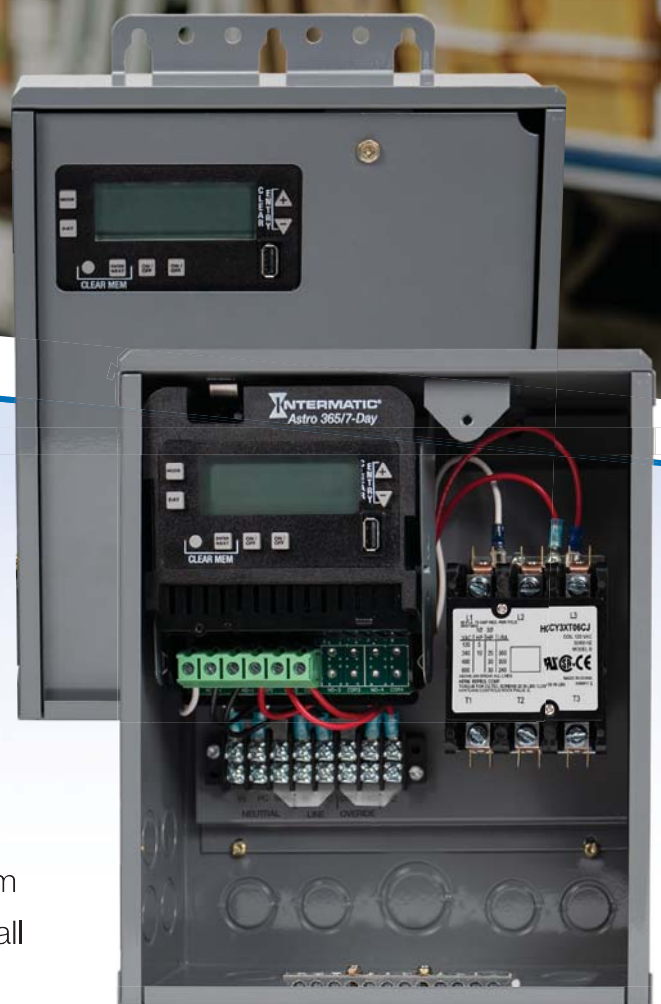
# Built for Contractors, Designed for the Field

## Be Ready for Anything with the New Electronic All-Purpose Contractor Box

Need a control that can handle more? Take projects to the next level with the Electronic All-Purpose Contractor Box from Intermatic. Our field-ready solution allows contractors to install a durable enclosure that houses a built-in 7-day Astronomic timer and a 60 Amp 3-pole contactor, as well as optional timed photocontrol functionality and surge protection.

Simple to install and highly customizable, the Electronic All-Purpose Contractor Box can be paired with a variety of Intermatic solutions and accessories to streamline setup and maximize functionality.

Adaptable. Convenient. Dependable.



**ETCB28253PCR**  
Electronic All-Purpose  
Contractor Box

Learn more today at [Intermatic.com](https://www.intermatic.com)





CATEGORY WINNER:  
CONDUIT, RACEWAYS & WIREWAYS

CABLE MANAGEMENT

The pre-assembled Cablofil Cablobend Systems of flexible wire-mesh fittings are designed to save time for contractors creating horizontal or vertical bends without cutting the cable tray. Wire-mesh grid assemblies can be permanently bent for seamless cable runs on cable management installations. Offered in a variety of widths and combinations, the product allows contractors to stretch and bend the flex wires to a maximum of 4 in. at any location. They can fit configurations up to 90° horizontally, vertically, or a combination of both in the same fitting.

Legrand



EC&M  
Product of the Year  
2022 Category Winner



MOUNTING BLOCKS

Available for three siding types, the 5-in.-wide × 7-in.-tall mounting block for siding can be installed after the siding is up. The one-piece non-metallic bases provide a smooth, flat mounting surface for equipment and devices. The product is constructed from heavy-duty, paintable plastic and features a drain hole to keep water and dirt from collecting on the lower edge. The mounting blocks are UV-rated for long outdoor life and help to meet 2020 NEC compliance for A/C disconnects.

Arlington Industries

CATEGORY WINNER: CONTROLS, SENSORS & RELAYS  
ENCLOSURE

The new electronic all-purpose Contractor box (ETCB28253PCR) simplifies the installation process. The ready-made enclosure houses a built-in 7-day astronomic timer and a 60A, 3-pole contactor, as well as optional timed photocontrol functionality and surge protection. The included 3-pole contactor allows installers to control a wide variety of load types and voltages. While the enclosure requires a 120V input to power the timer control, loads are completely independent of the supply voltage.

Intermatic



EC&M  
Product of the Year  
2022 Category Winner



COMPACT SCISSOR LIFT

Compact and lightweight, the GS-1932m and GS-1432m micro scissor lifts are designed as alternatives to ladders and vertical mast lifts. Applicable for jobs with a standard 19-ft or 14-ft scissor lift, the lifts feature electric drive motors, which run 30% longer on a single charge, according to the company. The front-wheel drive with a 0° inside turning radius helps to maneuver in tight spaces. Both lifts measure 32 in. wide × 55 in. long, are 79 in. tall when stowed, and weigh 1,984 lb, about 30% lighter than comparable scissor lifts (according to the company). The lifts have a 500-lb capacity, are rated for two workers on its 32-in.-wide platform, and feature a 2-ft extension deck.

Genie

ADJUSTABLE BOX MOUNT

The steel SliderBar can be installed without cutting, nailing, or placing extra 2×4s, saving 20 min. per box, according to the company. The product is designed to mount single- or two-gang boxes between wood or metal studs with non-standard spacing. The SL18 model adjusts to fit between studs spaced 12 in. to 18 in. apart, while the SL24 fits 15-in. to 24-in. spacing. Users can attach box(es) on opposing sides with the pre-formed pilot holes. The interlocking tab stop prevents accidental disassembly, and bending guides on the bracket ends assure proper positioning on studs.

Arlington Industries



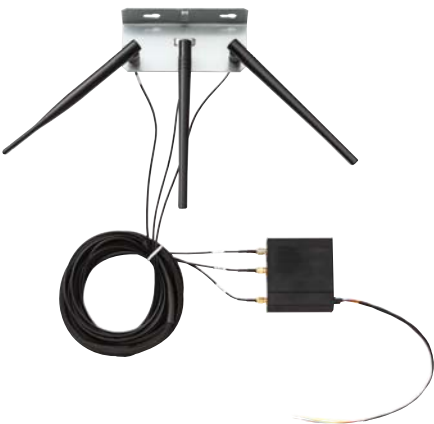
EC&M  
Product of the Year  
2022 Category Winner

CATEGORY WINNER:  
WORK LIGHTS

SEARCH LIGHT

The IP56-rated M18 remote control searchlight can be operated to illuminate inaccessible areas while mounted to a bucket truck or attached to the M18 portable base. The wireless joystick remote gives linemen complete control over the light's positioning. It can switch from spot mode (for patrolling and tracking lines) to flood mode for larger applications. Spot mode produces up to 1,250 yd of beam distance and offers 3.5 hr of runtime when mounted to the M18 base. The flood mode provides 4,250 lm of visibility over a larger area, operating for 3.5 hr on high and up to 12 hr on low.

Milwaukee Tool



ROUTER

CLAIRITY Link, an nLight cellular and ethernet router, enables the remote updating of schedules, programming of devices, and outage monitoring. In addition, it supports networked nLight sites via secure cellular and Ethernet connections. Remote access eliminates the need for most in-person technician visits, reduces response time, and allows comprehensive access for experts to help maintain lighting operations. The access is available via a secure, manufacturer-created fleet management portal. The connection to a site eliminates overhead, network management, and user management associated with traditional VPN connections.

Acuity Brands Lighting





## Control everything. Measure everything. Compatible with everything.

- 1 to 4 channel relays with power metering or dry contacts.
- Support for single wire 110-240vac, 12vdc, and contactor control
- Ethernet, Wi-Fi, and Bluetooth
- MQTT, UDP, REST/Webhooks with TLS 1.2 support
- Optional Sensor Addon for digital temperature/humidity, dry contact, and NTC sensors

### Shelly 3EM

The professional  
Monitoring & Control  
Equioment  
**WINNER!**

**EC&M**  
**Product of the Year**  
2021 Category Winner







CONSTRUCTION ROBOTICS TECHNOLOGY

The FieldLink Robotics: Autonomous 3D Capture software features multiple field hardware applications and is jointly developed with Boston Dynamics. The manufacturer's 3D capture technology and the Spot robot platform automatically capture field construction data via the X7 scanner to increase efficiency, reduce construction errors, and provide real-time, as-built data analysis in the field and office. Collected data is compiled into a composite point cloud in real time on the company's tablet controller before leaving the site, while Spot's docking station offers battery charging and provides data transfer through a gigabit ethernet connection to the office.

*Trimble*



LOW-VOLTAGE SWITCHGEAR

The UL 1558-certified ANSI ReliaGear LV SG low-voltage switchgear features enhanced protection through closed-door racking, full remote operation, and padlocking. Ratings range from 2,000A to 8,000A main bus. It offers an E1.2 Emax frame with 15-in. maximum stack width; Ekip Touch and Hi-Touch trip units; and Ekip Connect software, via the company's Ability Marketplace, for added protection. For easier installation, the product also features integrated auto transfer, eight different communication protocols, and Bluetooth connectivity.

*ABB*

CATEGORY WINNER: FITTINGS (CONDUIT & CABLE)  
CONDUIT HUBS

The company's conduit hubs, which are available in traditional and hygienic styles, are used to terminate stainless steel rigid conduit to a box or enclosure. Traditional conduit hubs are typically used in manufacturing process facilities and locations where corrosion is an issue. Hygienic conduit hubs are used in facilities where corrosion and hygiene are a concern and feature an FDA-compliant blue-colored silicone gasket. Both hubs can help meet the requirements for both grounding and bonding. They offer a female threaded hub design on the body, helping eliminate the risk of exposed threads, and a dark, easy-to-read identification that is smooth to the touch.

*Robroy Industries*



EC&M  
Product of the Year  
2022 Category Winner



LIGHTING CONTROLS

The patent-pending c-Max lighting controls allow users to add luminaire level lighting controls (LLLCs) across the company's indoor and outdoor luminaire families. Users can select between a c-Max Basic and a c-Max Network, depending on budget and application needs. To install the product, the sensor can be plugged into the USB-C receptacle of the company's Controls Ready LED luminaires. A variety of choices in control nodes is available, and sensors include energy-saving features.

*MaxLite*

CATEGORY WINNER: MOTORS, DRIVES & MOTOR CONTROLS  
MOTOR CONTROL CENTER

The ReliaGear LV MCC features a compact footprint and flexible construction. The UL/cUL 845-listed product is designed for up to 3,200A bus, across-the-line starters through size 6, and variable-speed drives up to 500 hp. It has an optional Bluetooth control panel, providing remote monitoring and control outside the arc flash boundaries. Reinforced door latches and robust breaker handles help increase reliability during operation and protection for the operator. Multiple mechanical interlocks and padlock provisions are standard to limit access to energized parts and help increase personnel safety. Additionally, it features ACS 580 drives and Tmax XT circuit breakers.

*ABB*



EC&M  
Product of the Year  
2022 Category Winner



EC&M  
Product of the Year  
2022 Category Winner

CATEGORY WINNER:  
CONNECTORS & TERMINATING  
DEVICES

TERMINAL BLOCKS

The new TOPJOB S Mini terminal block series is designed for limited-space applications or where the use of DIN rail is not possible. They measure 60% smaller than the manufacturer's standard terminal blocks, according to the company. The blocks feature the same push-in CAGE CLAMP connection technology as other products in the series. They are available with an open tool slot or orange push buttons, which can be actuated with any standard tool. The terminal blocks can be mounted in various ways: miniature rail, snap-in mounting foot for chassis mount, or direct mount with fixing flange.

*WAGO*

UNIVERSAL SNAP KNIFE

Constructed with a lightweight magnesium housing, the CutiX universal snap knife features non-slip gripping surfaces and two separate sliders (one for the blade and one for the stabilization bar). It has a stabilization bar, which keeps the blade from bending for quicker cutting and allows the user to apply more pressure directly on the blade. Suitable for all 18-mm snap-off blades, it comes with two blades that have seven cutting points stored in the handle. Blades can be replaced with a push of the button.

*KNIPEX Tools*



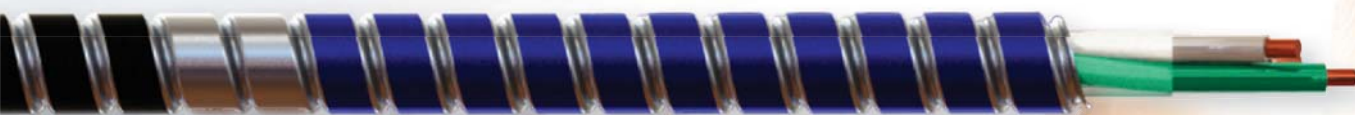


# MC GLIDE TUFF™

If you think pulling cable is about as painful as pulling teeth, we've got something that will put a smile on your face.

**MC Glide Tuff™** offers new, completely redesigned lightweight steel armored cable that makes pulling cable a breeze. It slides through metal studs and ceilings easily for faster, smoother pulls. Reduce time spent on a job. Reduce labor costs. Reduce the stress on your back.

Get **MC Glide Tuff** and glide through your next job!



**EC&M**  
**Product of the Year**  
2022 Category Winner



U.S. Patent 11,101,056 | U.S. Design Patent D935,731




Learn more at [atkore.com/mcglidetuff](https://atkore.com/mcglidetuff)

**CATEGORY WINNER: COMPUTERS & SOFTWARE**

**MOBILE BREAKER CONFIGURATION APP**

By using the EPiC app, workers can configure breaker settings remotely, from commissioning to remote monitoring. With their phone, users can pair breakers via Bluetooth wireless technology for breaker commissioning outside the arc flash boundary. They can export breaker settings and reuse them across multiple installations, discover documentation using QR codes on the breakers, and get installation guidance with augmented reality. They can also pull trip unit reports for troubleshooting and recordkeeping.

**ABB**



**EC&M**  
Product of the Year  
2022 Category Winner



**STANDBY GENERATOR**

The PowerProtect 26kW standby generator for single-family home applications, which runs on both natural gas and liquid propane, is air-cooled and powered with a commercial-grade Vanguard engine. The unit offers reduced sound levels, a smaller footprint, easier installation, and an upgraded aluminum enclosure certified to withstand hurricane-force winds up to 186 mph. Features include an enhanced exhaust system, improved airflow, and Capacitive Discharge Ignition coils.

**Briggs & Stratton**

**CATEGORY WINNER: SPECIALTY PRODUCTS**

**PRECAST CONCRETE PADS**

The company’s Housekeeping Pads are designed to eliminate the time associated with forming, pouring, and proper curing of conventional concrete. These non-conductive, corrosion-resistant pads can include custom cut-outs with stainless threaded inserts to quickly mount equipment. Counterbore anchoring and bottom access is an option. Made with Zanite Plus polymer composite, these precast concrete pads are designed for high compressive loads and approved for seismic applications.

**BaseTek**



**EC&M**  
Product of the Year  
2022 Category Winner



**WALL PLATES**

Available in three color finishes and a matte texture, the SSW series of sealed wall plates protect wall switch lighting control devices from liquid intrusion. The clear silicone rubber layer overlaid on the wall switch is designed to stop liquid from entering the device and can be sterilized without damaging it. The protective layer allows for damp or direct spray-on cleaning and is IP54 rated. The wall plates, which are made from a thermoplastic material, protect the user from electrical shock and device damage from foreign objects.

**SensorSwitch and Acuity Brands**

**CATEGORY WINNER: LABELERS & PRINTERS**

**SAFETY LABELING SOLUTION**

The on-demand safety labeling solution includes printers, software, and supplies to create and apply safety signage in various formats. The LabelSuite design software helps users to follow OSHA, ANSI, NEC, and other safety standards. It features a user-friendly interface, a library of templates and symbols, and integrated labeling design assistants for step-by-step instruction. The Brother TD-4750TNWBCS facility and safety label printer with thermal transfer print technology produces durable, high-resolution (300 dpi) labels, while the integrated cutter eliminates the need for scissors.

**Brother Mobile Solutions**



**EC&M**  
Product of the Year  
2022 Category Winner



**GENERATOR ENCLOSURE**

The eFRAME industrial generator enclosure is designed for mission-critical applications with shortened lead times. The walk-in enclosure houses the manufacturer’s KD series of industrial generators at 2,000kW and up. It is available in three configurations: V12 (2,000kW to 2,500kW), V16 (2,800kW to 3,250kW), and V20 (3,500kW to 4,000kW). Features include an all-aluminum skin and frame construction; a fade-, scratch-, and corrosion-resistant powdered coat exterior; modular design; and more. The enclosure can be separated into three sections for flexibility during service and maintenance.

**KOHLER Power Systems**



**SLIP-JOINT PLIERS**

The TwinGrip slip-joint pliers feature a five-adjustment push-button and front and side gripping areas. The front gripping area is suitable for gripping stripped screws and bolts, while the jaws of the side gripping area feature opposing teeth, allowing the pliers to grip round, square, and hex materials with maximum force. With five adjustment positions, the pliers can grab flat objects with their three-point contact system, and the slim head design works in confined, hard-to-reach spaces. It offers a gripping capacity for flats ranging from 5/32 in. to 7/8 in.

**KNIPEX Tools**



**LED DRIVER**

The low temp constant wattage LED emergency backup driver is designed for all seasons and indoor/outdoor applications. Its operating temperature range goes down to -20°C/-4°F, and it features a built-in heater for harsh locations. Suitable for both dry and damp locations, the backup drives LED loads at 12W (nominal) for a guaranteed 90 min. Features include a short-circuit overload and open-load protection. The dual flex conduit fits into 1/2-in. knockouts, and a test switch/charging indicator light and wall plate are included.

**Keystone Technologies**





# ROCKET RACK®

**FASTER.  
CLEANER.  
SAFER.**

Pre-engineered, factory fabricated  
strut system for sanitary environments

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INDUSTRIES**  
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2022 Category Winner



**HYGIENE,  
REIMAGINED.**

A complete raceway system solution to  
best fit the needs of your environment

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CONTROLLER

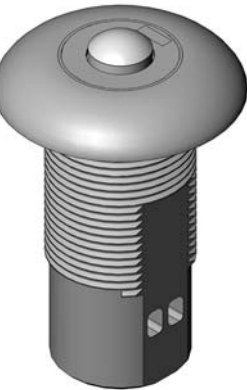
The Shelly Pro 4PM din rail mountable controller offers power metering on four individual relay channels, rated for 110V to 230V ( $\pm 10\%$ ), 50 Hz/60 Hz at 16A per channel, with a 40A maximum for the device. Each channel is independently controlled and metered but must be connected to the same phase. Where power metering is not required, it can handle contactor control, allowing automation of 2-phase and 3-phase circuits. Safety features include over-wattage, overcurrent, over-temperature protection, and a flame-retardant enclosure. Additionally, it offers Ethernet, Wi-Fi, and Bluetooth connectivity, with full local control via a built-in webserver or open free-to-use APIs.

Allterco Robotics

STADIUM LUMINAIRES

The company’s stadium luminaires are lightweight and suitable for retrofit projects. They are available up to 167 lm/W, ranging from 300W to 1,000W in all color temperatures (CCT) from 2,200K to 5,500K. The luminaires, which have a built-in 20kV/10kA surge protection, have a 10-yr, 80,000-hr warranty. They are available in 120V, 277V, and 480V, and 0V to 10V dimming — optional integral controls are available. Additionally, the luminaires are IP67-rated for damp and wet locations and offer three directive beam angle options: “SF” sharp flood 15°, “NF” narrow flood 40°, and “MF” medium flood 60°.

Olympia Lighting



LIGHTING CONTROLS

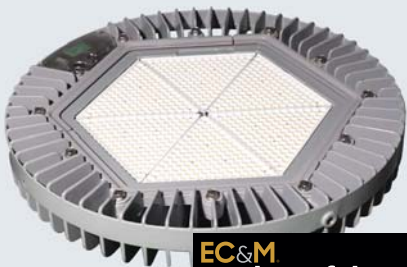
The DLC-certified TruBlu interoperable Bluetooth-Zhaga-DALI control enables advanced intra-luminaire integration for flexible communication capabilities and offers compliance with D4i specifications and Zhaga Book 20. With a smartphone app, users can control daylight harvesting, high-end trim, zoning, continuous dimming, scheduled or occupancy-based ON/OFF control, color tuning, and energy monitoring via the company’s SIG-qualified Bluetooth mesh platform. In addition, via the DALI capability, users can obtain real-time luminaire, energy/power, and diagnostic/maintenance data. The new control modules provide advanced capabilities including real-time energy monitoring, scheduling, and occupancy mapping with the addition of an optional gateway.

McWong International

SURGE PROTECTIVE DEVICE

The CurrentGuard CGP3 surge protective device (which has a choice of polycarbonate, powder-coated steel, and stainless-steel enclosures) protects electrical equipment, electronic devices, and appliances against power surges. The series is available in 60kA to 200kA per mode (120kA to 400kA per phase) and includes thermally protected MOVs to eliminate overvoltage currents before they damage downstream equipment. It is built with multiple advanced monitoring and reporting features. The digital display reports the number of power surges detected and diverted to the ground. The functional status of the SPD can be monitored remotely with its advanced dry relay contacts, which allow remote monitoring when connected to a circuit monitoring system.

ABB



EC&M  
Product of the Year  
2022 Category Winner

CATEGORY WINNER:  
LUMINAIRES (HARSH &  
HAZARDOUS LOCATIONS)  
HIGH-BAY LUMINAIRE

At up to 200 lm/W, the ultra-efficient Vigilant high-bay luminaire provides sustainable lighting for industrial environments. The light output range includes 30,000 lm, 35,000 lm, and 40,000 lm offerings. The low-profile fixture, which is just under 5 in. tall and 18 lb, is IP66 rated, protecting it against dust and water ingress. It is also impact-rated to IK10 and features an operating temperature range of -40°C to 65°C. In addition, it is DLC Standard- and Premium-listed and meets verified Environmental Product Declaration (EPD) standards.

Dialight



OUTDOOR LUMINAIRES

The Holophane GlasWerks Luminescent Series of outdoor luminaires combines edge-lit LED technology with zero-uptight optics, designed to help minimize light pollution. Available in eight form factors and multiple high-performance lumen packages, the product replaces 50W to 400W HID roadway and area products. The new light engine and optical design provide up to 19,000 lm of output, 135 lm/W, and CCTs from 2,700K to 4,000K at 70 CRI. Options include field-adjustable lumen output and a variety of advanced controls. Multiple arm or pendant mounting configurations are available. Additionally, the luminaires come with 0V to 10V dimming capability and optional DALI drivers and are rated for 100,000-plus hr at 25°C ambient temperatures.

Acuity Brands Lighting

CATEGORY WINNER: SAFETY EQUIPMENT & WORKWEAR  
WORK BOOT

The Troy work boot offers multidirectional flexion technology, making bending, squatting, kneeling, and knee-down work up to three times easier, according to the company. The boot is designed to prevent drying and cracking, which is typically seen with an all-leather upper in the high flexion part of a work boot. The waterproof, breathable membrane allows water vapor out without letting water in. Features include an antimicrobial lining to minimize odor; asymmetrical carbon fiber safety toes; an oil- and an EH-rated slip-resistant non-marking multi-directional lugged rubber outsole; a LuftCell air-infused PU midsole for comfort and support; and a LuftCore air-injected heel for enhanced cushioning and shock absorption.

KEEN Utility



EC&M  
Product of the Year  
2022 Category Winner





LED TUBE LUMINAIRES

High-efficiency LED tube lamps, which come in 10W and 12W models, have efficacies up to 185 lm/W and lumen output up to 2,560 lm. They are part of the company's RetroFlex family of Type A lamps. The DLC-listed lamps can operate on an existing fluorescent ballast, which eliminates any fixture rewiring and reduces labor time. The lamps operate with Instant Start, Programmed Start, and Dimming Fluorescent ballasts, as well as the company's RetroFlex LED drivers. The lamps are dimmable when operated with a dimming ballast and are compatible with other controls and sensors.

Espen Technology

CATEGORY WINNER: LUMINAIRES  
(OUTDOOR - AREA/SITE)

AREA LIGHTS

The company's XFit area light kit includes an LED luminaire powered by 0V to 10V dimming drivers, an integrated NEMA 3-pin twist-lock receptacle, easy-to-install mounting hardware, and a built-in dusk-to-dawn photocell. Power Select technology can quickly adjust between three lumen output levels. These sensors ensure that the floodlight luminaires are only operating when darkness is detected. Features also include 10kV external surge protection and an IP65 rating. The Type III Optic Package has heavy-duty, adjustable pole mount options, while the Type V Optic Package includes a slip fitter mount.

Keystone Technologies



EC&M  
Product of the Year  
2022 Category Winner

LIGHTING SENSOR

The SmartPort LED sensors allow users to upgrade to customizable and controllable LED lights. For most compatible products, users are able to quickly screw in the sensors, which saves money, energy, and labor. The settings can be adjusted remotely for the SmartPort LED screw-in option, which is available in micro-wave, PIR, and photocell options. The sensors are compatible with many of the company's products, including HID LED lamps and all of the company's Power Select/Color Select high-bay luminaires.

Keystone Technologies



EC&M  
Product of the Year  
2022 Category Winner

Made to order polymer composite  
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**CATEGORY WINNER: TOOLS (ACCESSORY ITEMS)**


**HOLE CUTTER**

The AHC-19 adjustable hole cutter, which can be used with any variable-speed drill, is designed for cutting round holes in ceilings, walls, and floors without making a mess. It can be hooked up to vacuums with 2.5-in. diameter hose nozzles to suck up debris. The tool cuts hole sizes from 2.2 in. to 9 in. in diameter in plywood, sheetrock, plasterboard, and acrylic sheet up to 1<sup>1</sup>/<sub>16</sub> in. thick. Cutting depth is adjustable with the hex locknut and compression spring. Additional features include a polycarbonate transparent dust shield and rubber gasket.

*Jonard Tools*



**EC&M**  
Product of the Year  
2022 Category Winner



**SMART VOICE DIMMER**

A 300W voice control dimmer with Alexa built-in allows users to schedule the lights to go on/off/dim, set timers, play music, and more. Available in white, it features intuitive icons and an LED indicator bar to confirm proper installation and eliminate callbacks. Privacy mode can be turned on when Alexa needs to be turned off. The device can be set up with the free Amazon Alexa App, and no hubs or controllers are necessary. Additionally, users can preset the dimmer to come on or stay off following a power outage. It requires a neutral wire for installation and can be wired with a standard 3-way switch to control lights from two or more locations.


*Eaton Wiring Devices*

**CATEGORY WINNER: LUMINAIRES (RETROFIT UNITS)**


**LED RETROFIT KIT**

The Center Basket Retrofit Kit saves more than 50% in energy costs compared to traditional fluorescent troffers, according to the company. Part of the Future Fit troffer kits, which convert fluorescent troffers into LED fixtures, it includes a fixture assembly body, side plates, end plates, and all necessary hardware. Instead of removing the unit from the ceiling, installers can remove the old luminaire, install the support brackets, slide the new luminaire body into place, and connect the wiring after it's in place. Additionally, the kit allows installers to choose between three lumen output options and three CCT options.

*Keystone Technologies*



**EC&M**  
Product of the Year  
2022 Category Winner



**LEVEL 3 EV CHARGER**


The TurboEVC Level 3 DC fast chargers are designed to facilitate charging of all electric vehicle (EV) models (including those with high-voltage battery systems) in various applications, such as retailers, convenience stores, logistics companies, and more. The product can offer charging capability of up to 120kW and service two electric vehicles at once. Features include DC charging units with IP55 protection and IK10 vandal-proof casing, a 7-in. LCD screen, and secure RFID or mobile app authentication. It is OCPP 1.6 JSON compliant and meets CCS1 & CHAdeMO standards.

*US LED*

**STEEL DEVICE RINGS**

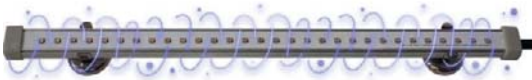
The 54000X series of universal square-to-octagon device rings, made of 16-gauge galvanized sheet steel, transitions any 4-in. or 4<sup>1</sup>/<sub>16</sub>-in. square box into a 4-in. octagon (3.5 in. diameter) opening. Available in flat through 1<sup>1</sup>/<sub>4</sub>-in. raised configurations, the rings are designed for mounting luminaires, LED drivers, and other 4O-compatible devices. A patent-pending keyhole pattern allows for dual-direction mounting of 4O devices. When paired with a 4<sup>1</sup>/<sub>16</sub>-in.-square by 2<sup>3</sup>/<sub>8</sub>-in.-deep box, the 54000X series offers greater box fill volume than a 4O box of the same depth, according to the company.

*Orbit Industries*



**orbit**  
Orbit Industries, Inc.

54058X



**DISINFECTION STRIP LUMINAIRE**

The UVC LED disinfection strip luminaire, which has been tested by two U.S. labs, facilitates a healthy indoor environment, according to the company. The patented product is shown to reduce mold, bacteria, and viruses by >99%, including against the virus that causes COVID-19. It is safety-certified and ETL-listed to UL 1598/CSA C22.2. It complies with zero ozone concentration requirements, is plenum rated, and is ETL-classified to UL 2043. The strip luminaire, which offers high UVC intensity, can mount in seconds in any HVAC AHU.

*Olympia Lighting*



**LIGHTING CONTROL SYSTEM**

Spektrum+ smart lighting offers whole-home smart lighting integration using Bluetooth SIG mesh technology on an open mesh network. A new app enables customization and automation. The system permits up to 80 ft between devices and can operate with up to 20,000 products at once. The system offers full-spectrum control, from single color to full RGB+ Tunable White color selection, allowing users to choose virtually any and every color for maximum personalization in home lighting.

*American Lighting*



**LABEL PRINTER**

The MP200 printer is designed for professional contractors. It offers faster printing speeds, wider labels, and an automatic cutter (including half cut). It prints up to 1-in.-wide continuous material. This printer offers PC connectivity for printing. It uses the manufacturer's advanced share cassette system, which works with other PXE mobile series printers. Additionally, it offers 180 dpi print resolution, 1.2 in./sec print speed, USB connectivity, the ability to print from Easy-Mark Plus software, and more.

*Epson and Panduit*





**TOUCHSCREEN DISPLAY MODULE**

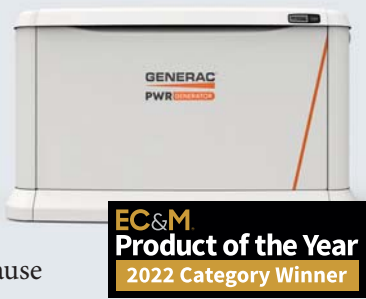
The TDM touchscreen display module allows users to activate the pulsing functionality with the press of a virtual button and access information such as ground-fault current, voltage readings, feeder status, and set-up parameters. Users can identify and name individual feeders, provide the means to set trip priority levels, and configure the operating parameters in administration mode. Firmware upgrades are possible via the USB input, and embedded Modbus communication RTU, TCP/IP allows the HRG system to be monitored, enabling the users to digitize the key components of the grounding system. It also offers access to a trend analysis screen and onboard troubleshooting guides/help buttons.

*I-Gard*

**CATEGORY WINNER: POWER SOURCES**  
**GENERATOR**

The PWRgenerator, which runs on natural gas or LP, connects directly to the PWRcell inverter, creating a residential nano-grid and allowing a home to be fully energy independent. During the day, solar panels provide power to the home; the excess energy can charge the battery. When sunlight is unavailable or insufficient, the DC-coupled generator rapidly recharges the PWRcell battery to power the home during grid outages. Because the DC-coupled generator is designed to be run more frequently and for longer periods, it is quieter, more fuel efficient, and has a longer service cycle, according to the company. Additionally, the product is smart grid ready and can work as part of a virtual power plant (VPP) program.

*Generac*



**SWITCH**

The Spec Setter Safety Switch features an extra-large viewing window (made of polished-surface, UV-stabilized polycarbonate) to allow users to clearly see if the switchblades are open prior to opening the door. With visual confirmation that the circuit has been disconnected, contractors and end users can begin maintenance and repair activity on downstream equipment. The impact- and strength-tested window is flame-retardant and meets the UL 94 and the UL 98 switch standard. It is available for heavy-duty safety switches from 30A to 200A, including fusible and non-fusible switches, NEMA Types 1, 3R, 5/12, 3R/5/12, and 4X stainless (304 and 316).

*ABB*



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**VOTE FOR EC&M 2022 PRODUCT OF THE YEAR**





CATEGORY WINNER:  
V/D/V/ TEST & MEASUREMENT EQUIPMENT  
INDUSTRIAL ETHERNET TESTER

The LinkIQ-IE Cable+Network industrial ethernet tester is designed to troubleshoot network cabling. The tool combines the manufacturer's cable measurement technology with basic tests for industrial ethernet switches to expedite and simplify the discovery of network failures. The product is based on a single-test approach that automatically provides the appropriate measurements based on what's at the other end of the cable. For an open cable, it shows the length and pairing. If it's terminated with the supplied remote, the test result shows the maximum data rate the cable can support (up to 10 Gbps). If the cable is connected to a switch port, LinkIQ-IE shows the name of the switch plus the port name, speed, and duplex. If PoE is advertised, it will display the power and class (up to 90W or Class 8) and then load the switch to verify power can be delivered.

Fluke Networks



STATIC ELIMINATOR

The patented Intellistat ion air gun, a hand-held and lightweight product made from static dissipative polycarbonate, eliminates static in clean processes or sensitive assembly work. The UL-listed and CE-compliant Intellistat consumes minimal compressed air while simultaneously delivering blow-off. Static decay rates can reduce 1,000V to less than 100V in less than a second at up to 24 in. away from the target. It is activated with an ergonomic short-throw trigger and constructed with a low-voltage transformer converting 120V to 24V. Additional offerings include the company's air nozzle to maximize efficiency and meet OSHA requirements; a red/green LED light; a durable static dissipative polycarbonate; and more.

EXAIR Corp.



MOTOR STARTER

The new CONTACTRON speed starter is designed to offer the functions available in a VFD, but it requires no drives expertise or software, making it easy to use. It provides ramp-up and ramp-down functions while the motor is under load. Unlike a traditional motor starter, it offers two independently settable operating speeds. The keypad and rotary knob allow commissioning in minutes. Digital inputs activate user-settable output speeds, so it can be used in place of a traditional across-the-line starter while offering drive-like functionality. The integrated safety torque off (STO) feature has emergency stop capabilities up to SIL 3/ PLe when used with a suitable safety relay or safe PLC.

Phoenix Contact

COVERS

The reusable universal protective cover is designed to fit most 1-gang and 2-gang device rings (as well as most multi-gang and adjustable mud rings), including toggle and Decora-style switches. UPC-12MA prevents mortar, drywall compound, debris, paint, and router bits from entering the junction box or damaging conductors or wiring devices. The gangable cover features snap-off corner tabs for easy seating in 2-gang rings, while patent-pending keyhole slots slide onto device ring screws.

Orbit Industries



CLAMP METER

The 393 FC CAT III 1,500V true-rms clamp meter with iFlex is an IP54-rated, thin-jaw clamp meter. With its CAT III 1,500V/CAT IV 600V safety rating, the 393 FC is designed for work in DC environments up to 1,500V. Its thin jaw allows it to be used in combiner boxes, inverters, and tight spaces. The meter measures up to 1,500VDC, 1,000VAC, and up to 999.9A DC or AC through the clamp jaw. The included iFlex flexible current probe extends AC current measurements up to 2,500A and can be twisted through extremely small spaces. Additional features include readings in kVA, audio and visual polarity, visual continuity, and compatibility with the company's Connect software.

Fluke

MOTOR STARTER

The new TeSys Giga motor starters, ranging from 115A to 800A, include diagnostic LEDs that deliver a 15% remaining contact end-of-life alarm, an over- and under-voltage coil voltage alarm, and a motor overload alarm. Contactors can be replaced without removing and reinstalling the power wiring or removing the contactor from the panel. The panel design has been optimized to meet Code requirements, featuring a 100kA 480V SCCRA. A direct PLC coil control input also helps significantly reduce the size of transformers/power supplies by giving the design option to power the coil from the supply voltage.

Schneider Electric



CATEGORY WINNER:  
PORTABLE TEST &  
MEASUREMENT EQUIPMENT  
POWER QUALITY ANALYZER

The 1770 series of 3-phase power quality analyzers eases power quality logging, troubleshooting, and analysis with automatic measurements, an intuitive user interface and setup, and a simplified reporting platform. The product enables technicians to characterize electrical systems by capturing more than 500 power quality parameters by default from fast transients up to 8kV, harmonics up to 30 kHz, and dips and swells, as well as the voltage, current, and power measurements. It also comes with the company's Energy Analyze Plus software, designed to analyze the power quality data without extensive training.

Fluke





**EC&M**  
**Product of the Year**  
**2022 Category Winner**

**CATEGORY WINNER:**  
**LUMINAIRES (HIGH-BAY)**  
**HIGH-BAY LUMINAIRES**

The XFit high-bay LED luminaires are designed to replace HID and linear fluorescent high bays in applications such as manufacturing facilities, gymnasiums, and more. It is available with the company's Power Select and Color Select technologies. For both linear and round high-bay models, Power Select allows users to select among a variety of field-adjustable lumen outputs, and Color Select provides a choice of color temperature selections. Both are changed with a simple switch. The DLC Premium-listed luminaires are compatible with the manufacturer's SmartPort sensor hardware, which uses a screw-in 3-pin plug to add motion sensing or a Bluetooth mesh connection to the company's SmartLoop wireless lighting control system. Users can enable scenes, set up schedules, and arrange for occupancy/vacancy/daylight sensing.

*Keystone Technologies*



**CABLE PULLING ACCESSORY**

The Pull Assist is a new puller accessory that makes cable pulling easier and hands-free for trade professionals. It provides up to 85 lb of tailing force and enables users to set up in challenging locations while still standing 6 ft away from the capstan. Its built-in pendant allows users to maintain total control and feather the rope by fine-tuning the tailing force in real-time. It can be installed on the manufacturer's compatible cable pullers and takes seconds to load the rope once installed, according to the company. It is compatible with all types of pulling rope up to 1 in. in diameter and designed not to cause damage to the rope during the pull.

*Greenlee*



**AUTOMATIC TRANSFER SWITCH**

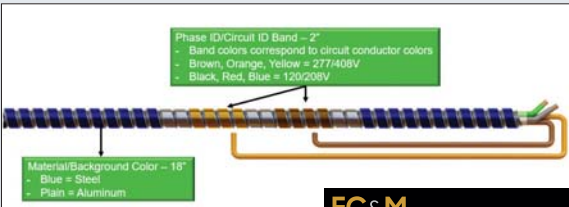
Compared to traditional automatic transfer switch designs, which can take hours to install and require up to 20 connections, the Zenith ZTS T-series ATS has one interconnection between the HMI and switching mechanism. It is designed to eliminate all wire harnesses, distributed electronics, voltage transformers, and external controllers by consolidating all parts into one seamless unit. The product handles 200V to 480V and features an auto-configuration feature, which automatically detects system voltage. Additionally, it is compatible with the company's Ability Energy Asset Manager for 24/7 remote condition monitoring.

*ABB*

**CATEGORY WINNER: WIRE & CABLE**  
**MC CABLE**

The patented MC Glide Tuff lightweight steel armor is designed to expedite the installation of MC cable with less chance of damaged studs. The product glides through metal studs and ceilings with less resistance. Because it feels lighter when pulling off the reel, it reduces worker fatigue, according to the company. It also features ColorSpec ID to assist installers and inspectors in identifying the interlock armor material and differentiating between 120V/208V and 277V/408V circuits without stripping back the armor. Additionally, it requires no additional tools, fittings, or support during installation.

*Atkore AFC Cable Systems*



**EC&M**  
**Product of the Year**  
**2022 Category Winner**



**LEVEL 2 EV CHARGING STATION**

The plug-and-play TurboEVC Series Level 2 EV charging station is network-ready for back-end management and is designed for commercial properties that need a flexible charging solution. It comes standard with RFID card readers for user identification and can be mounted to a wall or pedestal while providing a 32A maximum input/output current. The 200VAC to 240VAC single-phase, 50 Hz/60 Hz charging station (which measures 10.2 in. x 3.9 in. x 11 in.) features a 5-in. LCD screen and a 17-ft standard cable length. The NEMA 3R-rated enclosure helps to protect internal components from environmental conditions.

*US LED*

**AUGMENTED REALITY APP**

Building construction workers can access 3D models in the field with the Connect AR augmented reality (AR) app, an extension of the company's Connect for Mobile app. With the cloud-based collaboration platform, which runs on Android and iOS tablets/smartphones, users can leverage augmented reality, field-oriented construction workflows, and constructible 3D models from different sources. Using the app, augmented reality screenshots captured in Connect AR can be shared with the wider project team. This data can then be used for subsequent RFIs, punch lists, and checklists.

*Trimble*



**CATEGORY WINNER: BOXES**  
**CABLE BOX**

The ready-to-install universal MC cable box is designed for switch or receptacle rough-in using metal-clad cable. The box measures 4 sq in. with a depth of 2½ in., and it features internal MC cable clamps set at a 15° angle. Angled clamps allow the installer to secure the MC cable while the mud ring is attached. The box is assembled to an adapter that mounts directly to or between studs (with the company's SSB-T5). The first means of support secures up to four MC/AC cables without additional tools or bar hangers. Assemblies may be ordered without the ring or with fixed/adjustable mud rings in 1-gang or 2-gang configurations.

*Orbit Industries*




**EC&M**  
**Product of the Year**  
**2022 Category Winner**

**CATEGORY WINNER: POWER DISTRIBUTION EQUIPMENT**

**DISCONNECT SWITCH**

The Powerswitch safety disconnect switch (which is watertight, dust-tight, submersible, and suitable for high-pressure, high-temperature washdowns) features the manufacturer's Inform technology, providing 24/7 access to device health and operating status. The product includes condition monitoring sensors and communications, providing real-time data to the end-user. The data from the sensors can be viewed locally on the device via line-of-sight LED indication or remotely via Wi-Fi or Modbus RTU. An over-molded, longer-length handle provides improved grip for durability and accommodates three padlocks for OSHA-compliant lockout/tagout. Additionally, the switch is NSF-certified for use in food and beverage processing facilities.

*Leviton*



**EC&M**  
Product of the Year  
2022 Category Winner

CABLE CUTTER

The ESG65LXR Gator remote cable cutter for the high-voltage industry has a cutting capacity of up to 2.55 in. and enables the operator to remotely cut smaller cables while improving safety. Using Bluetooth communication, it can be used via remote control or in hand-held mode and has a patent-pending blade sensor system to help confirm that the cut has been completed. The operator can remotely stop and reverse the blade at any point using built-in cut control. Dual grounding ports are located on either side of the cutting head for set-up flexibility. Additional features include a battery gauge protocol and connectivity with the company's i-Press app to track tool performance.

*Greenlee*




**CATEGORY WINNER: LUMINAIRES (RECESSED)**

**DOWNLIGHTS**

The LiteFrame 2.0 series of downlights upgrades optical performance, provides installation options, and offers functional solutions in 4-in. and 6-in. round aperture sizes for commercial applications. The luminaire includes the LED source, an optic, and J-box/driver assembly. The optical solution begins with a COB that delivers two-step MacAdam Ellipse color consistency across five CCT options. Snap-on molded optics create five beam distributions ranging from 15° to 65°. The combined solution of the LED source, optic, and trim delivers efficacies from 108 lm/W to 143 lm/W. The series offers downlights, shallow downlights, adjustable downlights, and lensed wall wash downlights.

*Prescolite*



**EC&M**  
Product of the Year  
2022 Category Winner



STRIPPING TOOL

The rod stripping tool is designed to strip the coating from the company's rod or PVC-coated all-thread rod to expose the desired length of exposed rod required for installation. As the rod is turned in the tool, the coating will peel and exit through the opening in the tool. It is available for use with 3/8-in. or 1/2-in. diameter threaded rod. Features include a lightweight aluminum rounded body and hardened steel stripping blades. The stripping tool comes pre-set with an Allen head screw, which serves as a rod stop and is located to strip rod coating exposing 1 7/8 in. of rod. On the other side of the tool is a second hole that can be used if the desired strip length is 1 in. of exposed rod.

*Rocket Rack*

EV CHARGING STATION TESTER

The FEV100 electric vehicle charging station test adapter tests the safety and performance of Level 1 or Level 2 electric vehicle AC charging stations (EVSEs) with Type 1 connectors. The tester, which is compliant with SAE J1772 standards, simulates the presence of an EV. As such, technicians can test the charging station in combination with appropriate test instruments. Features include a protective earth pre-test to test for dangerous voltage in the earth; control pilot for vehicle simulation; GFCI protection; voltage, waveform, loop impedance, and resistance testing; and compatibility with the company's other test and measurement tools.

*Fluke*



DESIGN & MODELING SOFTWARE

Trimble's VDC Pro+ solution is an all-in-one design detailing solution for MEP detailers to design, fabricate, plan, and collaborate on real-world constructible models. The product combines the company's MEP design and detailing software, content, a model-based estimating workflow, collaboration tools, and analytical insights. Users can create digital 3D models in AutoCAD, AutoCAD MEP, or Revit; distribute them to stakeholders; and receive insights into design/detailing activities to create a data-driven project execution plan within one software subscription.

*Trimble*



RESIDENTIAL SECURITY LIGHTS

Featuring die-cast aluminum construction, the HomeGuard LED family of residential security lights features tool-less easy-aim lamps, fast installation, and a lumen range from 1,700 lm to 4,100 lm. Mounted on the wall or under the eaves, these luminaires provide security lighting in residential and commercial applications. The lights, which replace incandescent PAR lamp fixtures, range from a version for switched circuit applications to a product that includes an integral photocell for automatic dusk-to-dawn lighting, color-switching, lumen switching, and a motion sensor.

*Lithonia Lighting*

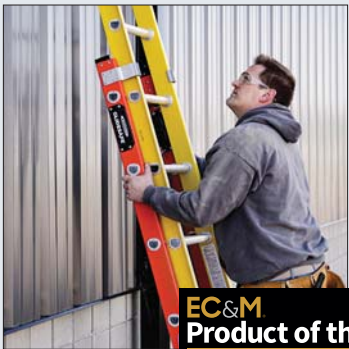
LINEMAN TOOLS

The Series 7R Pro Line includes 61 new hydraulic cutting and compression tools for linemen. The tools, which are powered by the Milwaukee battery platform, feature optimized hydraulics with a 20% faster advance and 30% faster retraction, according to the company. The tools also offer a patent-pending selectable on/off auto-retract, forged jaws with protective brush guards, and weather-resistant, non-vented housings. They are available in four models: inline, gear drive, pistol-grip, and lunch-box style.

*Huskie Tools*







CATEGORY WINNER:  
TOOLS (EQUIPMENT)  
FIBERGLASS EXTENSION  
LADDER

The GLIDESAFE fiberglass extension ladder features patent-pending lift-assist technology, which helps the end-user raise and lower the ladder’s fly section. It provides up to 50% assistance to raise the ladder in addition to speed-controlled lowering to reduce fatigue on the job site, according to the company. The internal spring mechanism provides assistance in raising the ladder. The lift assist mechanism is connected through an ultra-high-molecular-weight polyethylene rope. Multiple built-in safety features also help keep the ladder locked in place when it’s not in use, including a yellow tab to unlock the ladder and additional heavy-duty locks to keep the ladder secure while in use.

Werner

FLOODLIGHT

The Turf Sports Lighter is a high-output floodlight designed for LED sports lighting applications. It features outputs up to 113,000 lm with 720W, which can replace a traditional 1,500W metal halide luminaire at the same weight and EPA as legacy products. This allows customers to use existing infrastructure, making the transition to LED more affordable. The product is stocked in three different distribution types, including narrow 3×3, medium 4×4, and wide 5×5, so the product can arrive on-site in any variation needed.

Hubbell Outdoor Lighting



CATEGORY WINNER:  
LUMINAIRES (SURFACE-MOUNT/SUSPENDED)  
CONCAVE LUMINAIRE

With its patent-pending curved luminous surface optics, the Elle concave lighting instrument is suitable for a broad range of architectural applications and features lines of light and wall sconces. It can be mounted horizontally or vertically in surface or wall configurations. The individual segments measure up to 8 ft (in 6-in. increments). The continuous runs feature nearly invisible joints, with a choice of flat or step end caps. The product, which is listed for damp locations, comes in a choice of turntable white or static CCT from 2,700K to 4,000K.

Axis Lighting



EC&M  
Product of the Year  
2022 Category Winner



POWER TUBING CUTTER

The PTC-400 power tubing cutter is a high-efficiency, portable tubing cutting machine designed to quickly cut stainless steel, carbon steel, copper, aluminum, and plastic. The tool cuts ½-in. to 4-in. tubing and has a quick-acting engagement feature with a feed screw to ensure high-speed cutting. It features two rotating speeds for smooth cuts on long or short tubes, while its cutter wheel profile allows for cold-cutting operation. With a weight of 32 lb, its compact design makes it easy to transport to and from commercial, residential, and industrial job sites. Features include an integrated carrying handle and cord wrap.

RIDGID

ROPE TESTER

The HDE RT-10 rope tester allows crews to test a rope’s dielectric strength in the field and determine whether or not a rope is conductive, allowing users to better test a rope’s integrity on the job site. Designed to test any length of rope before use, it provides clear visual and audible indications of contaminated sections. The tester is powered by two field-replaceable 9V batteries and comes equipped with heavy-duty aluminum clamps, a magnetic mount for quick setup on equipment, and a loud buzzer and bright LED lights to indicate a rope’s condition.

Greenlee



LIGHTING CONTROL SYSTEM

RadioRA 3 residential connected lighting control system features a line of wall controls with a light bar design available in a wider range of colors. Features include Internet of Things (IoT) connectivity, a new all-in-one processor powered by Power over Ethernet (PoE), and simpler programming tools. The product gives users control over their lights, smart shades, and other smart home devices. Its processor is powered by PoE, so installers can place it centrally in the home (without the need for a power outlet) to optimize RF connectivity. Additionally, the processor can be programmed via computer software, and remote service is accessed through the company’s app.

Lutron

CATEGORY WINNER:  
LIGHTING CONTROL EQUIPMENT  
LIGHTING CONTROL PANEL

The NXP2 series lighting control panel can operate as a standalone product or as an NX-networked device. It meets all applicable code and energy requirements, is fully scalable, easy to install, and can be programmed and controlled using the NX controlHUBB app. The panel features mechanically latching relays and 0V to 10V dimming channels that can be controlled individually or in groups by any local input, system input, schedule, preset, or building automation system. Additional features include integrated NX SmartPORTs, low voltage inputs, normally open (NO)/normally closed (NC) dry contact outputs, and optional UL924 support suitable for the control of emergency lighting circuits.

Hubbell Control Solutions



EC&M  
Product of the Year  
2022 Category Winner

CATEGORY WINNER:  
LUMINAIRES (ACCENT & PENDANT)  
LIGHTING PLATFORM

StencilFlex is an adaptable lighting platform for open-ceiling spaces featuring an architecturally integrated and scalable line-voltage solution. A range of luminaire options accommodates layout changes and helps meet energy codes. The adaptable system, based on the F.L.E.X. framework, includes architecturally integrated lighting elements and acoustic panels and can accept any manufacturer's lighting inserts, according to the company. The platform is designed to illuminate entire spaces or specific areas requiring additional light. Cables and connectors are included, while wiring is standard 120V/277V with a standard 4-in. J-box at each power drop.

*Axis Lighting*



SUPPORT BRACKETS

The UL 2239-listed Fast Trak prefabricated, trapeze suspension solution saves time for contractors during the suspension of electrical containment, piping, rectangular ductwork, and other mechanical services, particularly in restricted spaces. The brackets and tracks are available in a variety of stocked and pre-cut, ready-to-use lengths, eliminating the need for on-site cutting and filing or the usage of nuts, bolts, or screws for installation. Horizontal brackets slide up vertical tracks and lock into place. Once the brackets are raised or lowered to the level needed, excess tracks can be folded neatly under the bracket. It has a safe working load rating of 440 lb per bracket.

*Gripple*



LIFE SAFETY SYSTEM

The ELSS central battery life safety system offers flexibility for running exit signs and remote lighting in multiple environments. The system continuously powers the exit signs when normal AC power is present — and if the normal AC power is lost. The ELSS includes Spectron self-test/self-diagnostics to reduce testing costs by monitoring the status of all remotes and exit signs. It performs monthly and annual tests per NFPA requirements. The system uses a single battery system, simplifying maintenance. Multiple system capacities and remote models allow for flexibility in various environments. The battery is a maintenance-free Lithium Iron Phosphate (LiFePO4) type. The ELSS series accepts dual-voltage input of 120VAC or 277VAC at 50 Hz/60 Hz.

*Dual-Lite*



NON-CONTACT CLAMP METER

The 378 FC non-contact voltage true-rms AC/DC clamp meter is designed to minimize the risk of an electric shock when measuring voltage on a live conductor via non-contact voltage measurements without test leads. Featuring Field-Sense technology, it measures voltage and current through the clamp jaw. It offers complete 3-phase voltage and current tests in three steps. A full set of phase-to-ground and phase-to-phase values is displayed on the meter. These measurements (along with phase rotation information) are displayed on the user's smartphone and saved to the cloud via the company's Connect software. It also features a power quality indicator to sense voltage, current, or power factor issues. The clamp meter comes with an iFlex flexible current probe that can measure AC current as high as 2,500A in tight spaces.

*Fluke*

SWITCHBOARD

FlexSeT UL 891 switchboards are designed for small- and mid-sized commercial buildings. The product's modular design expedites lead times and makes it easier to meet different configurations, while allowing seamless upgrades and future enhancements, according to the company. The switchboard meets the standards of UL's Extended Manufacturing Assemblers Program (EMAP) for quality assurance and flexible assembly processes. With FlexSeT Design, everything selected and ordered is digitally mastered, starting the creation of a digital twin. This provides customers with the needed accessibility to change and manage a switchboard.

*Schneider Electric*



EMERGENCY LIGHT

The new EZ-2 series LED emergency light provides illumination with two fully adjustable high-lumen LED lamp heads. Multi-unit spacing has been increased to 39 ft, more than doubling the previous distance, according to the company. The light, which comes in a white or black finish, offers a patented front battery compartment to ease maintenance. Additional features include a long-life nickel-metal-hydride battery, a microprocessor-controlled pulse charger, and optional Spectron self-test/self-diagnostics. Upon failure of normal utility power, the unit automatically activates the emergency LED lamp heads. Upon resumption of normal utility power, the battery is disconnected from the load and recharged through a microprocessor-controlled pulse charger.

*Dual-Lite*



CIRCUIT PANEL

The Square D energy center allows homeowners to switch from utility to alternative power sources (including battery, solar, or generators) at peak times to reduce utility power costs or to keep the power on during blackouts via the Wiser Energy app. The product's single-unit compact footprint saves wall space, installation time, and material costs by integrating transfer switches, inverters, and more into a single product. It provides up to 51 available spaces for circuit breakers that are engineered to NEC, California Title 24, EUSERC, and NRTL specifications and standards.

*Schneider Electric*



CABLE TRAY CLAMPS

The company's hygienic wire mesh cable tray clamps are designed to secure wire mesh/basket trays horizontally or vertically to the company's support platform. The clamp can be used with tented, standard, and flat racks, as well as Rocket post extension arms. The clamp is designed for use with the most common cable tray wire diameters (up to 5 mm). The cable tray clamp's hygienic design and beveled cap nut provide a secure connection; eliminate the risk of exposed threads; and prevent the accumulation of water, dirt, and contaminants. They are made from corrosion-resistant stainless steel.

*Rocket Rack*





POP-UP OUTLET

The compact Tri-Power countertop pop-up outlet, which measures 4 in. in diameter, offers wireless charging, USB charging, and AC power in a single spill-proof design. The outlet features a line voltage receptacle, a Qi-certified wireless inductive charging pad on the top, and two USB charging ports. Wireless charging is available with the pop-up closed or open. The wireless pad delivers up to 7.5W of power and features anti-slip silicone. The USB-C port provides 30W of fast charging at 9VDC, while the USB-A port provides 5VDC charging. The power receptacle offers 15A and 20A 120V configurations. The durable pop-up function is rated for a minimum of 10,000 cycles. Underneath, it accepts MC or nonmetallic sheathed cable.

Hubbell



BOLLARDS

The ASTM F3016/F3016M S20-rated pavilion impact bollards are designed to protect pedestrians and property. It is designed to be easily installed in high-traffic areas without the standard look of high-security aesthetics, according to the company. The product will provide protection from errant or passing vehicles weighing up to 5,000 lb, traveling at up to 20 mph. The overall height of the bollard is 44 in. and is offered in illuminated and non-illuminated versions and in impact-rated and non-impact rated configurations. The bollard also offers a controls option, battery backup, and a color-changing luminous accent ring, which can be controlled via the company’s Bluetooth mobile app.

Hubbell Lighting Kim Lighting

CATEGORY WINNER: LAMPS

REPLACEMENT LAMPS

The vertical DirectDrive HID LED replacement lamps now feature Power Select and Color Select technologies to allow users to adjust a lamp’s power output and color temperature. The lamps, which can replace metal halide lamps, allow contractors and installers to customize output and color temperature to specific environments. They are equipped with the company’s built-in DirectDrive technology, which allows installers to bypass the existing ballast by cutting the wires and connecting the 120V to 277V line voltage directly to the sockets. No ballast or external driver is required.

Keystone Technologies

EC&M  
Product of the Year  
2022 Category Winner



FISH TAPE

The battery-powered M18 FUEL ANGLER pulling fish tape features the AUTO-RUN powered feed and retract solution. It eliminates the need for manual pulling tools, allowing users to easily feed the tape with less fatigue, and it automatically reels in the tape. Powered by a POWERSTATE brushless motor, the fish tape combines a hand tool with a puller to pull wire through a 200-ft run with 360° of bends. The feature, with a variable-speed trigger, gives users the control to push the wire through difficult runs without the repetitive reeling out motion of hand tool fish tapes. It also features a powered base that is fueled by the M18 REDLITHIUM battery pack and is compatible with three less-binding steel and non-conductive replacement cartridges that are easily interchangeable.

Milwaukee Tool

CABLE MANAGEMENT SYSTEM

The EAGLE BASKET welded wire mesh cable management system is designed with steel wires, creating a 2 in. x 4 in. mesh cable basket to manage and route cables. The product features a Quick-Latch splicing system, which minimizes installation time. The Quick-Latch and self-splicing bars come pre-installed on all wire basket straight lengths, eliminating the need for nut and bolt type connections. The U.S.-made system has been tested for grounding and loading capacity, is UL certified, and is manufactured in accordance with NEMA standards.

Atkore Cope



LIGHTING CONTROL SYSTEM

The ARISTA advanced lighting control system combines controllers and sensors with secure Bluetooth mesh technology and a mobile app to create lighting control environments. Installers can integrate code-compliant lighting control, including area-specific lighting control and scheduling, dimming, and sensing capabilities. The system’s built-in real-time clock allows users to set schedules without needing a gateway or dedicated hub. The battery-operated sensors and wireless communication protocols streamline setup since because does not require a 0V to 10V wire from the control or luminaire to the switch.

Intermatic

CATEGORY WINNER: TOOLS (POWER)

BATTERY-POWERED CUTTER

The ESG45LX Gator hard metal cutter features a shock-load damping system to minimize released energy while making cuts. Suitable for overhead one-handed operation, it cuts up to ½-in. rebar (Schedule 60) and EHS guy strand and ⅝-in. ground rod and standard guy strand. It weighs less than 8 lb with the battery and is 33% lighter than an earlier model due to a redesigned flip-top style latch, according to the company. A double-click activation profile avoids unintentional engagement of cutting jaw, while the quick-change field replaceable aluminum conductor steel-reinforced (ACSR) cutting blades minimize downtime. Additionally, it features connection with the company’s Link App to track tool performance.

Greenlee




EC&M  
Product of the Year  
2022 Category Winner

**CATEGORY WINNER: TOOLS (HAND)**

**PLIERS**

The SpeedGrip pliers are available in 8-in., 10-in., and 12-in. sizes. This line of tongue and groove pliers is made from 100% forged high carbon U.S. steel and is specially coated for rust prevention. Features include a push-button adjustment that locks securely into undercut channels, laser heat-treated crosshatch teeth, a solid alloy steel fastener, a SAFE-T-STOP feature that prevents finger pinch, and a reaming feature for easy deburring of pipe. The CHANNELLOCK BLUE molded non-slip comfort grips are designed to ease hand fatigue.

*Channellock*




**EC&M**  
Product of the Year  
2022 Category Winner

**CATEGORY WINNER: METERING & MONITORING EQUIPMENT**

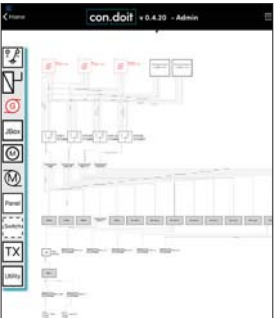
**POWER QUALITY METER**

The Nexus 1500+ meter with PMU functionality performs as a phasor measurement unit in a synchrophasor system. The power quality meter supports both P and M classes and provides all needed synchrophasor measurements, including instantaneous voltage, current, frequency, and more. It supports time synchronization to both IRIG-B and IEEE 1588 PTP, Ethernet, and Fiber over Ethernet communication, up to two simultaneous clients, and multiple data formats. The synchrophasor measurements are collected by phasor measurement units and sent to a phasor data concentrator for processing.

*Electro Industries/GaugeTech*



**EC&M**  
Product of the Year  
2022 Category Winner



**ELECTRICAL SOFTWARE APP**


With the Con.doit tablet application, an electrician can collect all of the necessary information for a single-line diagram, which the software then creates. After the software draws the diagram, it can be exported to a PDF, CAD, or another format. Because the record is digital and stored in the cloud, it can be updated and changed whenever the real-world system changes. With a punch list feature built into the data collection, the application generates a list for the contractor of Code violations and maintenance issues that need to be fixed.

*Con.doit*

**STAIRWELL AND HALLWAY LUMINAIRES**

The company's UltraLED ultrasonic stairwell luminaires are designed to provide flexibility for stairwell and hallway applications. They feature an ultrasonic motion sensor for high-resolution motion detection without requiring line of sight. These luminaires can be adjusted for the optimal light output as well as the ideal color temperature for the installation. Available in 2-ft or 4-ft lengths, the fixtures feature both CCT and lumen selectability with 3,500K, 4,000K, or 5,000K CCT selectability. The DLC Premium-listed product is available with optional battery back-up units.

*LEDVANCE*




**CATEGORY WINNER: WIRING DEVICES**

**TOOL-FREE RECEPTACLES**

The Twist-Lock Edge series receptacles is designed to allow installers to quickly complete an installation with no tools. Technicians simply insert the wire and press the plunger. Instead of using screws at termination points, strong levered springs within each receptacle continue to apply pressure as wire strands relax over time. Wires are held tight for a consistent connection even in harsh environments. It stands up to vibration and temperature cycling as well as prolonged strain.

*Hubbell Wiring Device-Kellems*




**EC&M**  
Product of the Year  
2022 Category Winner

**DOWNLIGHTS**

Juno Podz 4-in., 5-in., and 6-in. LED downlights eliminate the need for a traditional recessed housing by combining a low-profile, IC-rated mechanical form of less than 3 in. tall with the appearance of a deeply regressed downlight installed directly into the plenum. Three lumen packages are available, including 700 lm, 1,000 lm, and 1,200 lm. Users have five switchable white LED color temperatures to choose from, including 2,700K, 3,000K, 3,500K, 4,000K, and 5,000K. In addition, WarmDim (2,850K to 1,900K) technology provides the warmth and ambiance of traditional incandescent light sources. The dimmable LED light engine features color mixing technology, which delivers color rendering at all LED color temperatures, and is offered in a 120V option only or a universal MVOLT 120-277V voltage.

*Juno*






**EC&M**  
Product of the Year  
2022 Category Winner

**CATEGORY WINNER: LUMINAIRES (TROFFER)**

**LAY-IN LUMINAIRE**

The STACK Pack of lay-in luminaires includes a wide, 7-in. curved lens that distributes the light and beveled end plates to create a smooth transition from ceiling to light source. It is less than 2 in. in total depth, which makes it suitable for restricted plenum spaces. The product, which features adjustable lumen output, comes in two sizes with various lumen output options: 2 ft x 2 ft (available in 3,000 lm, 4,000 lm, and 5,000 lm options) and 2 ft x 4 ft (available in 4,000 lm, 5,000 lm, and 6,000 lm varieties). The luminaire is available in a white matte finish.

*Lithonia Lighting*



**DISINFECTING LUMINAIRE**

Visioneering's LRTH-DFX recessed architectural luminaire features a single shallow semi-round lens and 365DisInFx UVA technology, which reduces building occupants' exposure to harmful bacteria. The technology provides continuous disinfection throughout a facility without requiring anyone to leave. It has demonstrated inactivation rates of up to 99% in 24 hr when tested with several common pathogens, according to the company. When installed and used as directed, the recessed luminaires incorporating this disinfection technology are designed to meet IEC photobiological safety standard 62471. Additional features include easy installation (wiring just two circuits); no complicated controls or sensors; and a low-profile design.

*Leviton*





**EC&M**  
**Product of the Year**  
**2022 Category Winner**

**CATEGORY WINNER:**  
**CONSTRUCTION EQUIPMENT**  
**ELECTRIC SCISSOR LIFT**

The all-electric 19-ft DaVinci AE1932 scissor lift produces zero emissions to help control job-site pollution. The control, lift, drive, and steering systems have been optimized to reduce the machine's energy consumption by up to 70% compared to a traditional scissor lift, according to the company. The reduced energy consumption allows for the use of a single, lithium-ion battery. The lifts, which comply with ANSI and CSA industry standards, can be charged in 3.5 hr. The 3,450-lb lift features an indoor/outdoor 606-lb capacity rating, 4 mph travel speed, compact footprint, and 25% gradeability.

*JLG Industries*



**EC&M**  
**Product of the Year**  
**2022 Category Winner**

**CATEGORY WINNER:**  
**LIGHTING (TAPE LIGHT)**  
**TAPE LIGHT**

The Spektrum RGB + Tunable CCT tape light Pro Kit features color changing RGB linear lighting technology. Each kit offers RGB + Tunable White, an unlimited RGB color combination palette, plus the ability to adjust true white lighting from 2,700K to 6,000K. With up to 360 lm/ft output at just 7W/ft, the kit provides 90+ color rendering index and can sync to control multiple tape light kits and products. Everything you need to get started is in the box. Spektrum+ Pro Kits boast maximum run lengths up to 13.1 ft and are IP54 rated for dry and damp locations.

*American Lighting*

**CATEGORY WINNER: PROTECTIVE DEVICES**  
**CIRCUIT BREAKER**

The globally rated PowerPacT molded case circuit breakers provide circuit protection in applications including panelboards, switchboards, motor control centers, control panels, combination starters, individual enclosures, and busway plug-in units. The breakers' frames range from 15A to 3,000A. The product offers Visi-Trip technology, an LED status indicator to help users identify where an event has occurred to get a facility back up and running faster. They are also designed to house accessories behind a semi-transparent window, which provides easy visibility without opening the breaker.

*Schneider Electric*

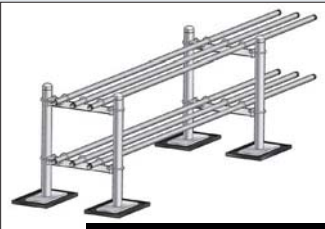


**EC&M**  
**Product of the Year**  
**2022 Category Winner**

**CATEGORY WINNER: FASTENERS, HANGERS & ACCESSORIES**  
**POSTS**

The company's rooftop rocket posts are designed to be used with a ladder, basket tray, or rigid conduit to support and protect cables and conductors. Available in 36-in., 48-in., or 60-in. heights, the posts provide support configured for common work heights. The slotted design of the modified post tented rack provides adjustability without the need for field drilling or cutting. Additionally, multiple tiers of support can be installed, reducing the occupied footprint on the roof and simplifying installation. The posts, which are made from 2 in. Schedule 40 304 stainless steel pipe, include a continuously welded seal cap and a welded 6 in. x 12 in. x 1/2 in. mounting plate. The posts come with a slip-resistant rubber mounting pad.

*Rocket Rack*



**EC&M**  
**Product of the Year**  
**2022 Category Winner**

**WIRING DEVICES**

The new Square D X and XD series of connected wiring devices gives homeowners insight and control over their home energy use. The X series is a set of connected switches, dimmers, and outlets that offer easy installation and smart home compatibility for functionality and control. The XD series provides a more premium option with additional design features, a range of colors, and a cover plate option with interchangeability without needing tools. Features include tamper-resistant shutters, side-mounted pressure plates, larger cutouts, self-grounded clips, and ground wire holes. Additionally, the products are compatible with the Wiser Energy monitoring app.

*Schneider Electric*



**REMOTE SWITCH KIT**

The CBS ArcSafe RSK-PMT with CDS kit is designed for pad-mount transformer applications. Featuring a closed-door-switching modification, the remote switch kit is designed to perform remote operations without the need to open pad-mount transformer doors for switching tasks. The product is positioned over the hot stick on the exterior of the transformer, allowing remote actuation of the transformer's internal switch. Its remote switch actuators (RSAs) are designed for electrical equipment and attached by strong magnets, so modifications are not required to switch-gear. Used in conjunction with remote switch operators (RSOs), these devices allow service personnel to stand outside the arc-flash boundary to remotely operate circuit breakers, motor controls, switches, and control circuits.

*CBS ArcSafe*



**CATEGORY WINNER: LIGHTING CONTROL SYSTEMS**  
**LIGHTING CONTROL SYSTEM**

GreenMAX DRC Wireless offers spec-ready and code-compliant solutions for commercial lighting systems, including 0V to 10V, DMX, and DALI. The scalable system allows users to create lighting scenes, add lighting schedules and events, and control the lighting in any space from the app on their mobile device. The wireless keypad room controller enables it to communicate with other wireless devices from the manufacturer. It uses wireless mesh networking for communication between devices for configuration and backbone connectivity. Additional features include wireless occupancy/vacancy sensing, 0V to 10V dimming, daylight harvesting capabilities, a tamper-free configuration for added security, and more.

*Leviton*



**EC&M**  
**Product of the Year**  
**2022 Category Winner**

PAST PLATINUM AWARD WINNERS



2021  
ELECTRICAL TESTER

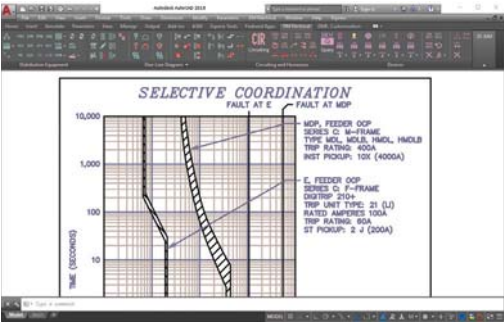
The T6-1000 PRO electrical tester measures voltage and current without test leads and displays both readings simultaneously. The product measures AC voltage up to 1,000V, AC current up to 200A, resistance from 1  $\Omega$  to 100 k $\Omega$ , and frequency ranging from 45 Hz to 66 Hz on wires up to AWG 4/0 (120 mm<sup>2</sup>). Features include true-rms for accurate voltage and current measurements and FieldSense technology to measure AC voltage, current, and frequency without making electrical contact to live voltage.

Fluke

2019  
SMARTPHONE THERMAL CAMERA

Powered by the company's Lepton thermal microcamera core, the FLIR ONE Pro LT allows thermal imaging on any Android or iOS device. Offering thermal sensitivity needed to detect temperature differences down to 0.1°, the device includes VividIR thermal resolution enhancement and MSX technology, which combines thermal and the edge visual data for a crisper image and added perspective. Via the OneFit connector, users can attach the device to a smartphone through most popular phone cases.

FLIR Systems



2020  
DESIGN SOFTWARE

Engineered to run inside AutoCAD, Design Master Electrical 8.6 software integrates the designer's calculations and drafting in a single program. The product allows users to create a one-line diagram; lay out the lighting and power plans; calculate loads on panels and photometrics; and view equipment connections and motors. In addition, this latest release includes a selective coordination component, which allows the user to set breaker type and settings at each point in the system. Time-current curves can be drawn for each breaker and used to properly coordinate the system.

Design Master Software

2013  
USB DUPLEX RECEPTACLE

The Combination USB Charger comprises a tamper-resistant (TR) receptacle and two USB charging ports rated at 2.1A to charge virtually any electronic device. Available in 15A and 20A, tamper-resistant shutters provide compliance with Sec. 406.12 of the 2011 NEC and resist the insertion of foreign objects that could cause electric shock. The commercial-grade device also features pre-stripped wire leads to facilitate quick installation and an LED indicator light that notifies users when a device is connected.

Cooper Wiring Devices



2017  
TELESCOPING STRUT REPLACEMENT

The CADDY TSR1220 strut replacement/retrofit solution uses strut-based trapeze or support structures to accommodate standard strut-based fittings. The tool-free solution eliminates the need to handle long lengths of strut and cut sections of strut to size. The bracket telescopes to the desired length, attaches to threaded rod, and is locked in place by snapping closed a spring retainer. In addition, the product comes with four different end fittings, one of which is designed to facilitate retrofitting new applications on existing threaded rods.

Pentair

2016  
FAULT METER

The Fault Trapper detects the type of fault and locates the position of an electrical event that causes intermittent or persistent circuit breaker trips and "no fault found" conditions. The meter can monitor energized dedicated circuits up to 300VAC and 40A, testing for and storing data on time and distance to opens, shorts, and arc faults. The device can be plugged in with existing wiring and left unattended overnight.

Platinum Tools





PAST PLATINUM AWARD WINNERS



2011  
CLAMP METER

The 381 remote display clamp meter features a removable wireless display that can be carried up to 30 ft away from the point of measurement. Featuring an iFlex current probe, the coil of the probe reaches around oversized conductors and expands the product’s measurement range to 2,500A AC, while its small profile fits between tightly packed cables. Both the meter and probe are rated for hazard 1,000V CAT III and 600V CAT IV environments.

Fluke Corp.

2014  
OPEN-JAW CABLE CUTTER

The Open Jaw cable cutter features a front-loading jaw designed for use in tight spaces. The high-leverage ratcheting mechanism allows for single-handed cutting of 600 MCM copper and 750 MCM aluminum without burrs or sharp edges. The product can also cut communications cable as thick as 1.125 in. and has a spring-release lever that resets the jaw between cuts.

Klein Tools



2018  
ANGLED TROUGH ENCLOSURE

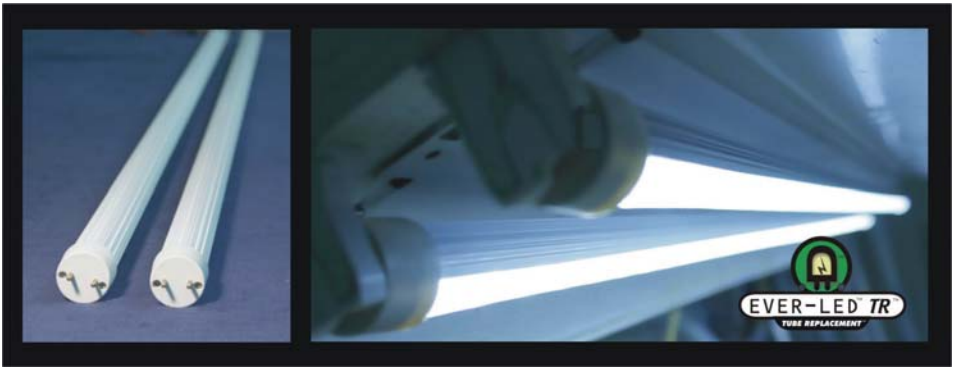
The Angled Trough cuts total installation time by 80% by allowing conduit runs through six sides of the enclosure and eliminating the need for 90° conduit bends. Suitable for applications above, below, or to the side of electrical panels in electrical rooms and above modular ceilings, the product comes in 16- or 14-gauge steel with an ANSI 61 gray polyester powder paint finish inside and out. In addition, the unit ships completely assembled with no end caps to install.

Hoffman Enclosures/Pentair

2008  
FLUORESCENT TUBE REPLACEMENT

The EverLED TR fluorescent tube replacement allows existing fluorescent fixtures to be converted to LEDs by simply changing the bulb. The product uses the existing fluorescent ballast to achieve the equivalent light output of the tube it replaces. Mercury- and lead-free, the 48-in.-long “S” model T8 replacement is available in five industry-standard shades of white, providing the equivalent light output of a 40W tube while consuming 25W. Made of recyclable materials, it has a 10-yr service life, according to the company.

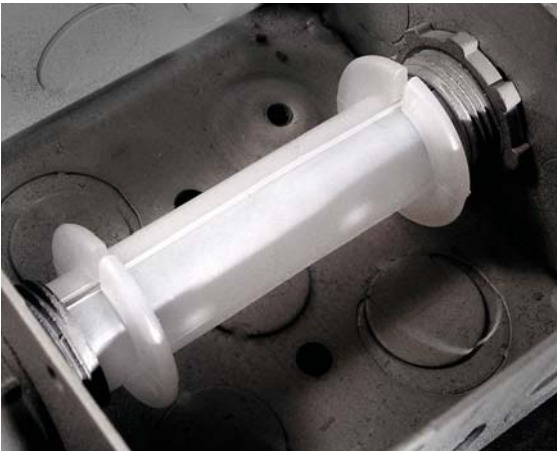
LED Dynamics



2010  
CONDUIT ACCESSORY

This disposable electrical bypass is designed for use when installing conduit with multiple junction boxes. According to the company, the bypass allows users to send a snake through a box without getting stuck. The product also allows users to use a mouse and string setup to blow or vacuum a line from beginning to end of the conduit. Available sizes include ½ in., ¾ in., and 1 in.

The Electrical Bypass Co.



2015  
ALL-PURPOSE PLIERS

These pliers combine the functions of a wire stripper and long-nose pliers. Featuring induction-hardened cutting knives and a hot-riveted joint, the pliers are designed to cut, strip, and loop 8 AWG to 16 AWG solid and 10 AWG to 18 AWG stranded wire. The tool also includes shearing holes for 6-32 and 8-32 screws.

Klein Tools



PAST PLATINUM AWARD WINNERS



2006  
NONMETALLIC OUTLET BOX

The One-Box nonmetallic outlet box is designed for new construction or retrofits, mounting securely to a wood or steel stud with captive angled screws. Designed for secure installation, the box has 22.5 cu. in. capacity and is UL-listed.

*Arlington Industries*



2004  
TRADEMASTER DECORATOR COMBINATION DEVICES

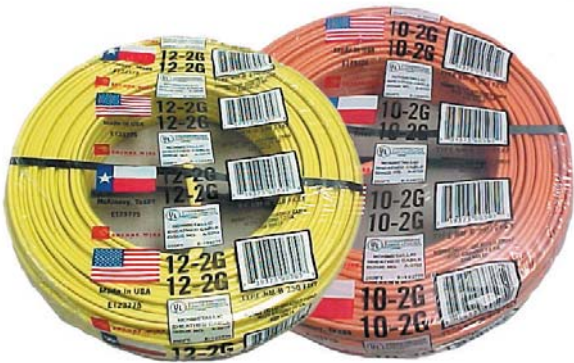
This line of single-gang combination devices allows electricians to install multiple switches within a single existing box during a kitchen or bathroom remodeling project. The products are available in 16 possible combinations, including devices with two switches and a receptacle, four single-pole switches, and a nightlight with a receptacle.

*Pass and Seymour/Legrand*

2002  
COLOR-CODED RESIDENTIAL WIRE AND CABLE

Encore began manufacturing color-coded wire for the residential market in December 2001. Its line of color-coded wire and cable was expanded to include NM-B, THHN, and XHHW-2 building wire. The company colors all of its 12/2G NM yellow and 10/2G NM orange, allowing installers to eliminate the time-consuming task of wrapping colored tape around conductors to identify them.

*Encore Wire*



2009  
COMBINATION DEVICE

This tamper-resistant nightlight/GFCI combination device meets the 2008 NEC standards for child electrical safety. The device incorporates a sealed LED nightlight into a duplex receptacle. The nightlight is sealed with a Lexan lens and features a 20-yr life expectancy, according to the company. A photocell illuminates the light in the dark and turns it off automatically in the daytime. In addition, the receptacle's built-in shutter system prevents children from inserting metal objects into the slots and touching electrically live components.

*Pass & Seymour/Legrand*

2005  
SPACE SAVER EMT SET-SCREW AND COMPRESSION CONNECTOR

These connectors are used to join EMT conduit to a box or enclosure. Designed with the male threads on the locknut, the Space Saver takes up virtually no room inside the box. Angled teeth on the lock bite into the box, which prevents loosening from vibration. The rounded inside surface eliminates the need for a bushing or insulated throat. The connectors are UL- and cUL-listed and come in trade sizes of 1/2 in., 3/4 in., and 1 in. in set-screw and compression styles.

*Cooper Crouse-Hinds*



2003  
DRILLSPOTTER TOOL

Contractors use this tool to quickly locate the exact drill entrance and exit points, measure the wall thickness, and identify the presence of conduit and pipes with a built-in metal detector when drilling through walls and ceilings. Hidden objects are found by placing the tool's transmitter directly over the area to be drilled. A continuous tone will indicate the presence of iron beams, metal cables, or pipes.

*First Edition Products*



2007  
CONDUIT LAYOUT/MARKING DEVICE

The KO Stamp is a marking device for conduits that helps electricians find the center points and conduit sizes to be installed in an electrical enclosure. According to the company, the device eliminates measuring and cuts layout time by 98%. To use, place the stamps into the electrical conduits, ink the tops of them, and then place the box on top of the stamps to accurately imprint center point and conduit size.

*Deviser*



**NEW**

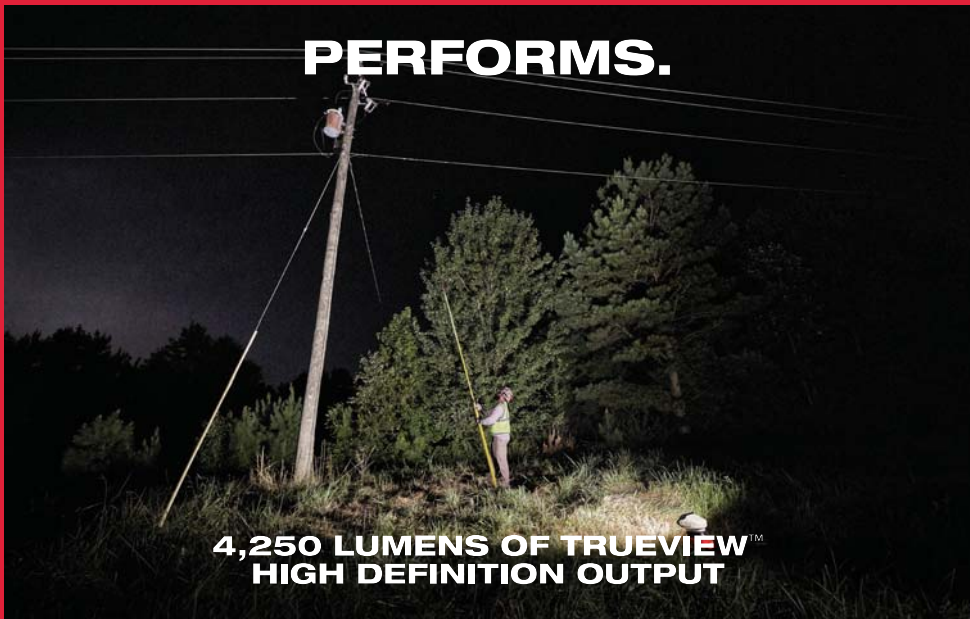


**SPOT LINES. FLOOD FIELDS.  
GO ANYWHERE.**



**ADAPTS.**

**CAN BE USED WITH A PERMANENT  
OR PORTABLE M18™ MAGNETIC BASE**



**PERFORMS.**

**4,250 LUMENS OF TRUEVIEW™  
HIGH DEFINITION OUTPUT**



**SURVIVES.**

**WEATHER &  
OUTDOOR RATED**



**M18™ Utility Remote  
Control Search Light**



**KIT**  
**2123-21HD**  
Remote Control Search Light  
Head, (1) M18™ REDLITHIUM™  
HIGH OUTPUT™ HD12.0 Battery  
Pack, M18™ & M12™ Rapid  
Charger, 12V DC Permanent  
Base, M18™ Portable Base,  
Remote Control, Dash Mount,  
Lanyard and Carry Bag



**TOOL-ONLY**  
**2123-20**  
Remote Control Search  
Light Head, 12V DC  
Permanent Base, M18™  
Portable Base, Remote  
Control, Dash Mount,  
Lanyard and Carry Bag



**TOOL-ONLY**  
**2123**  
Remote Control Search  
Light Head, 12V DC  
Permanent Base,  
Remote Control, Dash  
Mount and Lanyard



**TOOL-ONLY**  
**49-16-2123B**  
M18™ Portable Base  
and Carry Bag



**M18**

**PERFORMANCE DRIVEN  
TRADE FOCUSED  
SYSTEM WIDE**



# INSTALL RECEPTACLES FASTER & MORE SECURELY



## EC&M Product of the Year 2022 Category Winner

Get the Twist-Lock® Edge and improve installation time by 80% with Hubbell Twist-Lock® Edge series screwless terminal receptacles. Unique, innovative technology inside applies constant pressure as conductor strands relax over time. Exposure to vibration actually improves performance.

The fastest terminating receptacles on the market provide the most secure solution for demanding environments. No torque screwdriver needed.

Learn more at [hubbell.com/wiringdevice-kellems](https://hubbell.com/wiringdevice-kellems)

