

Eaton's Wiring Devices
Arrow Hart devices

High-performance wiring devices for commercial, industrial and institutional applications

Arrow Hart



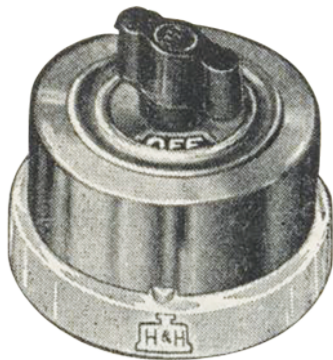
EATON

Powering Business Worldwide

Connecting safety to reliability with
Arrow Hart products since 1890.

An industry staple for over 130 years

The name you can trust!



No. 2162 Type

From the original invention of the snap switch for electrical lamps in 1890, Eaton's Arrow Hart solutions have been steeped in a culture of innovation, high performance and durability. More than 130 years later, Arrow Hart products are relied on for industry-leading performance in today's toughest electrical projects.

Arrow Hart's history of innovation runs deep with several **industry-first** product solutions such as the release of the **USB charging receptacle family**, which allows for quick and convenient charging of portable electronic devices such as smartphones and tablets.

The release of **color coded locking devices** added six color codes consistent with IEC standards allowing installers to easily identify voltage ratings at a glance.

Arrow Hart



Hart & Hegeman Company

Gerald W. Hart introduces the nation's first rotary snap switch for electric lamps

1890

1928



Arrow-Hart

The Hart and Hegeman Co. merges with Arrow Electric to create the Arrow-Hart and Hegeman Co. Arrow Hart would become a force in the electrical business



**Arrow
Hart**

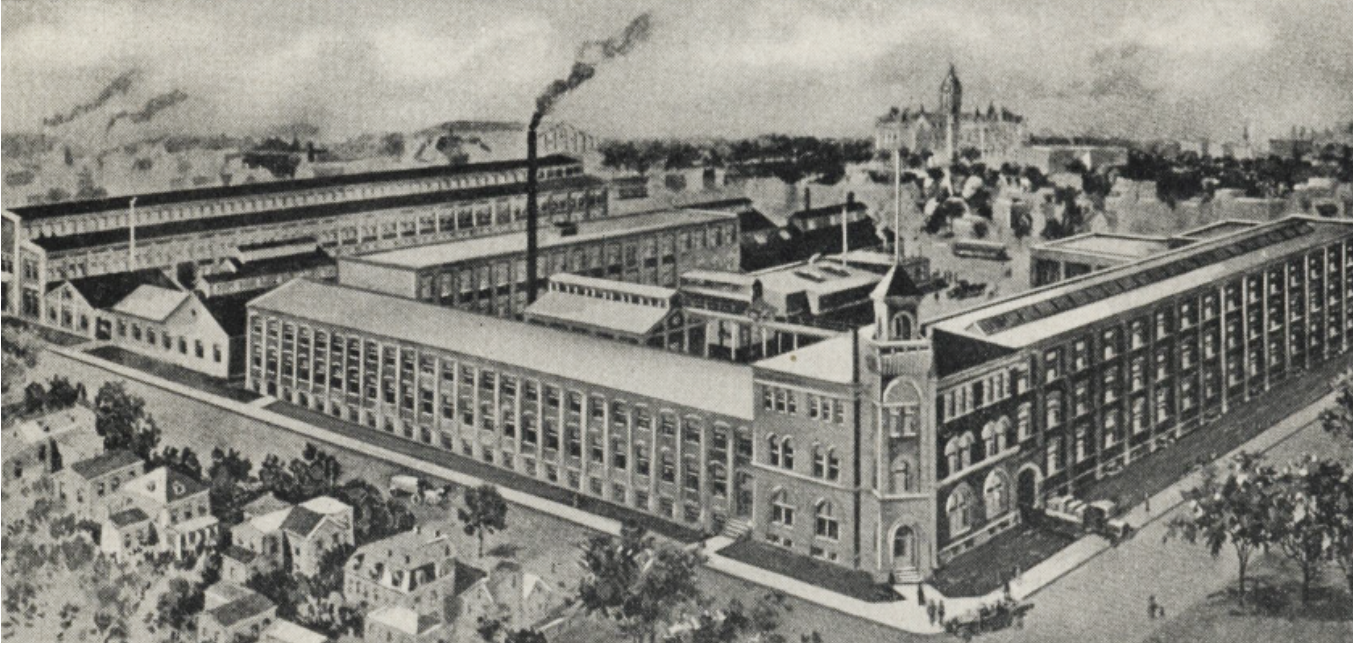
Crouse-Hinds, an industry leader in the petrochemical industry, acquires Arrow Hart which itself has grown into a formidable supplier of industrial & commercial wiring devices

1975

1981

COOPER

Cooper Industries acquires Crouse-Hinds and Arrow-Hart



Arrow Hart was also the first electrical manufacturer to introduce an **NSF® rating**, achieving it on the **X-Switch motor disconnect**, and the first wiring device manufacturer to introduce an **IP69K-rated product**, attained on its Pin & Sleeve devices.

Since wiring devices are the gateway to the grid, Arrow Hart actively engages with customers for feedback on safety and reliability to set the standard for wiring device products. This is evident with the **exclusive 5-leaf contact design** in its extra heavy-duty receptacle family which provides superior long-term plug retention in critical healthcare, commercial and industrial applications.

Markets we serve:

Commercial office and retail
Educational
Industrial manufacturing
Healthcare
Data centers
Industrial manufacturing
Food & beverage
Temporary/portable power

COOPER Wiring Devices

Cooper acquires Eagle Electric and combines with Arrow Hart to form Cooper Wiring Devices



2000

2012



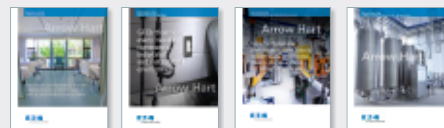
Eaton Corporation plc completes acquisition of Cooper Industries to form a premier global power management company

In 2020 Arrow Hart celebrates 130 years

Today the wiring device business is an integral part of Eaton's comprehensive line of products and solutions for the electrical industry

2020 **130yrs**

Connecting safety to reliability with Arrow Hart products since 1890.





Offices & retail

Commercial buildings built for efficiency, resiliency and safety

Today's commercial buildings must be energy efficient, intelligent and provide a safe, productive and inviting environment. Whether it's turning lights ON/OFF when motion is detected or controlling receptacle outlets to minimize energy use, Arrow Hart's specification grade commercial wiring devices are engineered with unique features that can help reduce installation time, provide reliable performance and save energy.

Our product portfolio includes commercial grade switches and receptacles; plugs and connectors; and lighting controls, all engineered to the highest standards.

Commercial switches

Designed to save time and labor, our wide range of commercial grade switches include traditional toggle and decorator styles that are thoroughly tested to ensure reliable electrical and mechanical performance.

Commercial specification grade receptacles

Our commercial grade receptacles are engineered for safe and reliable performance while providing installation efficiency to help finish the job on time. Our line of straight blade receptacles is UL 498 and Federal Specification WC-596 listed for maximum durability. The dual and half controlled receptacles feature a NEMA approved controlled symbol for easy identification of a controlled circuit, meeting the latest NEC® requirements and CA Title 24 and ASHRAE 90.1 Energy Efficiency standards.

Commercial dimmers and sensors

Our sensors and dimmers are cost-effective solutions for lighting control installations. Available in universal, decorator and slide dimmer options, our offering also includes occupancy and vacancy dimmer sensors, commercial wallbox sensors and ceiling sensors. Offered with different technologies to satisfy a variety of diverse room layout challenges, the Passive Infrared (PIR) sensors detect motion from heat emitting sources (people) for larger movement spaces, the ultrasonic sensors detect motion in sound waves for smaller movement areas, and the Dual Technology sensors combine both technologies.

Commercial plugs and connectors

Our high-quality straight blade plugs and connectors are designed for ease of use and value. Featuring heavy-duty construction, these durable devices are ideal for any high use connectivity application.





Education

Safe and efficient solutions for educational facilities

From a single classroom to an entire campus, educational facilities need to efficiently and reliably deliver and manage power, while creating a productive and safe environment for students, teachers and administrators.

Today, many schools are being built or renovated to include energy standards to reduce facility costs. Our wiring device solutions offer energy-saving and code compliant solutions, while providing installation productivity to maintain project profitability

Lighting controls

Our occupancy and vacancy lighting controls are easy to integrate and can optimize energy savings based on building usage. Our dimmers can create a personalized experience in classrooms, dorm rooms, dining halls, and many other areas within educational facilities.

Locking switches

Featuring high quality construction for years of safe and dependable performance, our specially designed locking switches utilize a key to lock/unlock the switch, perfect for high-traffic areas like auditoriums, gymnasiums and cafeterias to prevent tampering with the lights.

Ground Fault Circuit Interrupter (GFCI) receptacles

The Arrow Hart selection of code compliant devices offers valuable electrical protection. The GFCI receptacles meet the stringent UL 943 standards and 2020 National Electrical Code® (NEC) requirements. The products are available with tamper resistant and weather resistant options.

Wallplates and protective covers

Arrow Hart wallplates and weather protective covers are designed for impact, corrosion and UV resistance and are available in various gang configurations, sizes and colors. The heavy-duty constructed wallplates and code compliant covers are ideal for indoor and outdoor areas. Our specification grade metal wallplates are constructed of non-corrosive stainless steel, brass and chrome.

USB Charging Receptacles

Eaton's USB charging receptacles offer fast, convenient, and efficient charging of portable electronic devices directly from a standard outlet without bulky adapters. This innovative line eliminates clutter in education environments, like classrooms and libraries, while enabling compatibility with USB Type-A and Type-C electronics, including smart phones, laptops, tablets, and more.





Patient beds in general care locations require a minimum of eight hospital grade receptacle outlets, single or duplex



Receptacles in pediatric wards need to be tamper resistant



Patient beds in critical care spaces (other than operating rooms) must have a minimum of 14 hospital grade receptacle outlets, single or duplex.



Emergency power areas must be identified as such with distinct marking or color on wallplate or device

Healthcare

Maximum performance with unmatched reliability in healthcare spaces

Healthcare environments require quality, code-compliant, device solutions to provide consistent, safe and reliable connectivity.

From critical care areas, nurses' stations and patient rooms, to lobbies, corridors and kitchen areas, certain healthcare applications have special device requirements to ensure protection of the patients, providers and equipment. Our wiring devices are designed to meet the National Electrical Code® (NEC) requirements to improve electrical safety for these specific areas.

And for the ultimate reliability, our wiring devices have a hospital grade UL listing, meeting the most rigorous testing standards under the heaviest of abuse environments. Our hospital grade receptacles, plugs and connectors meet or exceed all of the UL 498 standards.

Hospital grade receptacles

Arrow Hart's rich line of hospital grade straight blade receptacles meet and exceed the demanding requirements of UL 498 and Federal Specification WC-596, providing consistent connectivity when uptime is critical. Unique to Arrow Hart, our exclusive 5-leaf contact design provides superior long-term plug retention for these crucial applications.



All receptacles and fixed equipment need ground-fault circuit-interrupter (GFCI) protection

Hospital grade plugs and connectors

Arrow Hart hospital grade plugs and connectors are offered in unique designs including Quick Grip, Auto Grip and Safety Grip styles for fast installation. Built to meet and exceed UL Federal Specification and hospital grade testing, the products assure reliable performance in the most demanding healthcare applications.

Heavy-duty switches and wallplates

The Arrow Hart line of heavy-duty switches and wallplates are engineering of high-quality materials to provide reliable, long-lasting performance throughout a healthcare facility. The wallplates are offering in different materials, configuration, sizes and styles, including applications that need additional wall signage.





Data centers

Manage and optimize today's big data center demands

Whatever its size or capacity, from a single network closet to a hyperscale installation, data centers require reliable solutions that maximize uptime, drive efficiency and lower cost to meet your needs today and well into the future. Our products are designed for quick and easy installation and reliable, long-lasting performance.

Data center locking devices

As a pioneer in locking device solutions, our extensive offering of NEMA and non-NEMA devices is specifically designed for power consumption preservation. We design our locking devices with features that allow for easy identification of device capabilities and for fast wiring, assembly and installation.

Color coded locking devices

We've added color to our locking devices, providing a quick, clear and easy way to identify the circuit voltage. The six color codes are consistent with the IEC 60309 standard to simply identify voltage at a glance.

Pin & sleeve devices

Our pin & sleeve devices are precisely engineered to provide flexibility, safety and reliability for electrical power connections to data center equipment. The products feature durable construction for lasting electrical performance.

Wire mesh grips

The Arrow Hart broad selection of strain relief, pulling and support grips are offered in many styles and sizes to serve your project's cable protection needs.

Surge protection

Our electronic protection receptacles safeguard against surges and electromagnetic interference that prevent equipment from operating properly.





Industrial manufacturing

Superior performance in tough industrial environments

Our Arrow Hart wiring devices are designed to provide installation efficiency with workhorse performance. Ideal for OEMs that need trouble-free wiring solutions for manufacturing equipment, our extensive breadth of line is suitable for a variety of applications and environments to help to optimize operational performance, lower costs and increase energy efficiency.

From motor controls and industrial switches to extra heavy-duty receptacles, plugs and connectors, our code-compliant industrial products feature innovative designs for quick and easy installation.

50A locking devices

Arrow Hart's non-NEMA plugs and connectors utilize a unique pro grip design allowing for quick and easy termination and assembly, saving valuable time on the job site. Superior design combined with rugged materials, the 50A devices are ideal for harsh construction and industrial applications.

Pin & sleeve devices and mechanical interlocks

The pin & sleeve watertight devices were the industry's first to receive IP69K certification. Our receptacles, plugs, connectors and inlets are engineered to provide flexibility, safety and reliability for electrical power connections to industrial equipment. The mechanical interlocks are factory-wired in a single unit for easy installation.

Color coded locking devices

We made these devices simple for a quick, clear and easy way to identify the circuit voltage at a glance. The six color codes are consistent with the IEC 60309 standard.

Industrial grade straight blade power devices

Our power devices feature rugged, heavy-duty construction, ideal for any high amperage power connectivity industrial environments. Unique features help to maximize convenience and speed installation time.

Motor controls and industrial switches

Arrow Hart sets the standard for motor control disconnect switches with a complete offering of industrial switches for lighting and fractional horsepower motor loads. Our switches are engineered for years of safe, dependable service.

Extra heavy-duty receptacles, plugs and connectors

Our broad selection of industrial receptacles, plugs and connectors can fit any application need and environmental challenge. These are economical products designed for long life and for quick wiring with features in our ultra grip and auto grip devices that help speed installation. Our exclusive 5-leaf receptacle contact design provides superior long-term plug retention, ensuring longer service life and reliability for equipment.





Food & beverage

Durable, safe and compliant food & beverage solutions

Today's food and beverage businesses must increase efficiency, maintain code compliance, ensure workplace safety and reduce downtime. We understand the food and beverage electrical service and maintenance issues and know the installation needs and relevant codes and standards.

Our wiring devices are specially designed to withstand rough service from physically abusive environments and harsh conditions with oils, chemicals, detergents and washdowns. Not only are our products engineered to ensure personnel and equipment safety, they help to reduce downtime and deliver labor savings from longer-lasting designs, easier changeouts and quick, secure connections.

From field to table, we have the solutions designed to keep the food and beverage industry productive, safe and compliant.

Watertight devices

Our watertight devices provide safe and reliable connectivity in the harshest indoor and outdoor environments including wet locations, high-pressure spray, UV and ozone exposure, and prolonged contact with chemicals and oils.

Pin & sleeve plugs, receptacles, connectors and inlets

The first in the industry to receive IP69K certification, our Pin & Sleeve devices are designed to withstand harsh high pressure, high temperature washdowns environments. Each device was carefully engineered to offer reliability, efficiency and added safety protection for these demanding wet location facilities.

X-Switch motor control disconnect switches

Designed specifically for the food and beverage industry for long life and performance, our heavy-duty disconnect switches withstand repeated exposure to hosedown, corrosion elements and a variety of contaminants. Our products are NSF listed, NEMA 4X rated and IP69K certified for the most severe washdown environments.

Industrial plugs and connectors with wire mesh grips

The stainless steel wire mesh grips paired with our industrial plugs and connectors add more durability and strain relief to cable runs as they are designed to absorb excess tension and preserve electrical connections.





Hospitality

Code compliant, modern conveniences for hospitality spaces

Hotels need to offer a great visitor experience by providing an aesthetically pleasing environment, while maintaining round-the-clock, cost-effective operations that reduce energy costs and meet regulatory requirements. Today's guests also want the convenience of easily accessible and reliable power in hotel rooms and common areas to charge phones and other mobile devices.

From specification grade decorative switches and wall plates, available in multiple styles and color, to our USB charging receptacles and our smart lighting controls, we offer the solutions to support current and future hospitality trends.

Ground Fault Circuit Interrupter (GFCI), Arc Fault Circuit Interrupter (AFCI), and dual function Arc Fault and Ground Fault (AFGF) receptacles

Protecting users from electrical shock, our code compliant GFCI receptacles exceed the latest UL 943 standards and self-test periodically to ensure integrity of GFCI protection. Our AFCI receptacles are designed to help reduce electrical fires by preventing dangerous series and parallel arcs, providing safety while also reducing unwanted nuisance tripping due to inference from appliances. For applications that require both, our AFGF protection receptacles combine GFCI and AFCI protection in one convenient device. All our protection devices allow easy, point-of-use reset, ideal to quickly resolve trip incidents when access to the service panel is limited.

Lighting control sensors

Occupancy and vacancy dimmer sensors are ideal throughout hospitality spaces to meet energy goals, code compliances and to provide safety. Our sensors offer convenient installation and a test mode for setup. The zero-crossing technology maximizes relay life and ensures longevity.

Lighted switches and receptacles

Arrow Hart's durable illuminated switches and receptacle outlets are ideal for wayfinding and added safety for guests. The switches are available in toggle and decorator styles. The products are designed for long-lasting trouble-free life.

Commercial switches and receptacles

Our decorator style switches and receptacles are ideal for hospitality applications, engineered for safe, reliable performance with a modern look. Satisfying multiple applications, Arrow Hart receptacles are available for special solutions including tamper resistant, corrosion resistant, severe duty and watertight models.

USB and combination receptacles

Our USB charging receptacles offer fast, convenient and efficient charging of portable electronic devices directly from a standard outlet without bulky adapters or powered computers. These devices replace the electrical receptacle of any standard wall outlet, so guests can charge Type A and C smart phones, tablets, cameras and more. Tamper resistant shutters ensure code compliance.





Entertainment & portable power

Safe and reliable temporary power distribution

Our complete line of heavy-duty temporary power devices is built to deliver safe, reliable power for the most demanding commercial and industrial applications, as well as entertainment venues including concerts, sporting events, carnivals, trade shows and more. The Arrow Hart power solutions are also ideal for temporary healthcare screening facilities or for stand-by power in emergency situations.

Temporary power distribution RhinoBox

Our power distribution centers provide “plug and play” capability, multiple configuration options and automatic or manual GFCI reset versions for reliable temporary power. The feed-thru capability allows you to wire up multiple boxes from a single generator feed if needed.

Color coded locking devices

When identifying locking devices quickly, especially when setting up entertainment venues, we’ve color coded our locking devices with six colors that are consistent with the IEC 60309 standard for a clear and easy way to identify the circuit voltage at a glance.

Portable Ground Fault Interrupters (GFCI)

Specifically designed to protect personnel and equipment from ground fault hazards, our portable GFCIs can be used indoors and outdoors.

Portable outlet boxes

Our durable, industrial grade outlet boxes provide a safe alternative to common metal junction boxes and are specifically useful for pendant station drops and stringer sets. Engineered with innovative features, the boxes provide efficient power for many applications from industrial plants to construction sites to expositions.

Cordsets, plugs and connectors

The rugged line of 50A pro grip cordsets with plugs, connectors and adapters are engineered to provide safe, secure connections, with fast installation, superior performance and outstanding durability.



We make what matters work.*

* At Eaton, we believe that power is a fundamental part of just about everything people do. Technology, transportation, energy and infrastructure-these are things the world relies on every day. That's why Eaton is dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because that's what really matters. And we're here to make sure it works.

See more at Eaton.com/whatmatters

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