

Glossary

AC [N-UNCOUNT-U11] **AC**, or alternating current, is a type of electric current that constantly flows back and forth in different directions. **prąd zmienny**

add [V-T-U9] To **add** numbers is to combine them. **dodawać (liczby)**

allen wrench [N-COUNT-U2] An **allen wrench** is an L-shaped piece of metal with a six-sided head used to tighten screws and bolts. **klucz imbusowy**

ampere [N-COUNT-U11] An **ampere** is a unit of measurement for electricity. **amper**

and [CONJ-U9] **And** is used when combining or adding numbers. For example, one and one equals two. **dodać (np. 1+1=2)**

arc flash blanket [N-COUNT-U6] An **arc flash blanket** is a blanket electricians use to protect themselves from electrical blasts and fires. **koc antyelektrostatyczny**

arc flash clothing [N-UNCOUNT-U6] **Arc flash clothing** is pants, shirts, jackets, and shoes designed to protect electricians from electric shock. **ubranie antyelektrostatyczne**

arc shield [N-COUNT-U6] An **arc shield** is a protective plastic shield for the eyes and face that fits onto a hard hat. **szymbka ochronna do kasku**

armored cable (AC) [N-COUNT-U13] An **armored cable (AC)** is a wire encased in a spiraled steel insulation with no grounding wires. **kabel uzbrojony**

auger bit [N-COUNT-U3] An **auger bit** is a bit that cuts into wood. These bits are usually from 17 to 25 centimeters long. **wiertło kręte**

bind [V-T-U8] To **bind** is to put two things together with rope or tape. **połączyć, złączyć**

block [N-COUNT-U5] A **block** is a piece of stone, wood or other material that is solid with flat surfaces on each side. **blok, kloc, kawał**

brick [N-COUNT-U5] A **brick** is a block of clay that is baked until it is hard and used for building. **cegła**

burn [N-COUNT-U12] A **burn** is a painful injury to the body caused by heat. **oparzenie**

caliper [N-COUNT-U10] A **caliper** is a small measuring device. **suwmiarka**

Celsius [N-UNCOUNT-U10] **Celsius** is the metric temperature scale where water freezes at 0 degrees and boils at 100 degrees. **skala Celsjusza**

cement [N-UNCOUNT-U5] **Cement** is a mixture of ground limestone and clay. **cement**

centimeter [N-COUNT-U10] A **centimeter** is a metric unit that measures length or distance, equal to ten millimeters. **centymetr (jednostka miary)**

circular saw [N-COUNT-U3] A **circular saw** is an electric or gas-operated saw with a round blade. **piła tarczowa**

climb [V-T-U7] To **climb** is to ascend or move up towards the top of something. **wspinac się, wchodzić**

code [N-COUNT-U14] A **code** is a set of numbers or letters that gives information about something. **kod**

come to [V PHRASE-U9] To **come to** a number is to equal that number. **osiągnąć (o liczbie, kwocie)**

concrete [N-UNCOUNT-U5] **Concrete** is a hard material made by combining cement, small stones, sand and water. **beton**

conductor [N-COUNT-U13] A **conductor** is a wire. It is the metal part of a cable that carries electricity. **przewodnik**

conduit bender [N-COUNT-U4] A **conduit bender** is an instrument that twists objects made of metal. **narzędzie do gięcia metali**

connect [V-T-U8] To **connect** is to plug in or turn on electricity or power. **łączyć**

convert [V-T-U10] To **convert** something is to change it from one state or mode into another. **przetwarzać, przerabiać, konwertować**

copper [N-UNCOUNT-U5] **Copper** is a reddish brown metal that is often used for pipes or wires. **miedź**

crimper [N-COUNT-U2] A **crimper** is a tool used for pushing connectors around bare wires. **szczypce do zaciskania kabli**

crimp-on connector [N-COUNT-U15] A **crimp-on connector** is a type of connector that is fixed in place by using a crimping tool. **złącze zamocowane szczypcami**

current [N-COUNT-U11] A **current** is the quantity of electricity that is flowing in a wire at a specific time. **prąd**

DC [N-UNCOUNT-U11] **DC**, or direct current, is a type of electricity that goes in one direction, not two. **prąd stały**

de-energize [V-T-U12] To **de-energize** is to prevent power from reaching an object, especially electrical equipment. **odłączyć od źródła prądu**

degree [N-COUNT-U10] A **degree** is a unit that is used to measure temperature. **stopień (o temperaturze)**

diagonal cutters [N-PLURAL-U1] **Diagonal cutters** are pliers that are only used for cutting wire and do not grip. **szczypce diagonalne**

diameter [N-COUNT-U14] The **diameter** of a circle is an imaginary line that runs through it showing its width. **średnica**

divided by [V PHRASE-U9] If a number is **divided by** a second number, you calculate how many times the second number goes into it. **dzielony przez (działanie matematyczne)**

drill [N-COUNT-U3] A **drill** is a machine used to make holes in different kinds of material. **wiertarka**

drill bit [N-COUNT-U3] A **drill bit** is the sharp end of a drill used to cut into objects to make holes. **wiertło**

drywall [N-UNCOUNT-U5] **Drywall** is a board made of plaster and covered in paper that is used in building. **płyta kartonowo-gipsowa**

duct tape [N-UNCOUNT-U2] **Duct tape** is a kind of tape made of mesh that is used to seal air ducts. **mocna taśma klejąca (używana do izolacji)**

electric shock (N-COUNT-U6) An **electric shock** is a shock of electricity to the body. **porażenie prądem, wstrząs elektryczny**

electrical hot gloves [N-PLURAL-U6] **Electrical hot gloves** are gloves made of rubber that protect electricians from electric shock. **rękawice przeciwp�始ne**

electrical tape [N-UNCOUNT-U2] **Electrical tape** is a kind of tape made of plastic or vinyl that is used to insulate electrical wires. **taśma izolacyjna**

electrocution [N-UNCOUNT-U12] **Electrocution** is death or injury caused by electricity running through the body. **porażenie prądem**

electron [N-COUNT-U11] An **electron** is a small part of an atom that contains a negative charge. **elektron**

embossed [ADJ-U14] If an object is **embossed**, it has a pattern, number or design engraved on it. **wytłoczony, wyryty**

end cutting pliers [N-PLURAL-U1] **End cutting pliers** are pliers used for pulling out staples etc. **szczypce tnące**

equal [V-T-U9] If the answer to a mathematical problem **equals** a number, it is that number. **równać się**

Fahrenheit [N-UNCOUNT-U10] **Fahrenheit** is the non-metric temperature scale where water freezes at 32 degrees and water boils at 212 degrees. **skala Fahrenheita**

fish tape [N-COUNT-U4] A **fish tape** is a long, metal instrument that electricians use to put electrical wires in walls. **drut cięgły**

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flashlight [N-COUNT-U1] A **flashlight** is a small, battery operated light that can be carried around. **latarka**

foot [N-COUNT-U10] A **foot** is a unit of length that equals 12 inches. **stopa (jednostka miary)**

gauge [N-COUNT-U14] A **gauge** is a device which calculates and shows the amount or degree of what is inside an object, such as a gas tank or wire. **miernik, wskaźnik**

grab [V-T-U7] To **grab** something is to take hold of it suddenly. **złapać**

grounding connector [N-COUNT-U15] A **grounding connector** is for making ground connections. It is used for splicing wires that need to be grounded. **złącze uziemiające**

hacksaw [N-COUNT-U2] A **hacksaw** is a saw with a thin blade used to cut through metal. **piła do metalu**

hammer [N-COUNT-U2] A **hammer** is a tool with a metal top used for hitting nails or other objects. **młotek**

hammer drill [N-COUNT-U4] A **hammer drill** is a machine which hits a hard substance (like cement) repeatedly to break it apart. **wiertarka udarowa**

hard hat [N-COUNT-U6] A **hard hat** is a protective hat made of strong plastic. **kask ochronny**

hazard [N-COUNT-U12] A **hazard** is a known danger. **zagrożenie, niebezpieczeństwo**

hole saw bit [N-COUNT-U3] A **hole saw bit** is a metal tube-shaped drill bit with sharp edges used to cut rings into objects. **wiertło koronowe**

hot stick [N-COUNT-U6] A **hot stick** is a fiberglass rod that electricians use to protect themselves from shocks when they are working with wires. **drążek izolacyjny (do pracy pod napięciem)**

hundred [N-COUNT-U9] A **hundred** is combined with another number to express numbers in the thousands. For example, the number 2,300 could be stated twenty-three hundred. **sto**

imperial [ADJ-U10] If something is **imperial**, it involves the system of measurement based on the inch and the pound. **angielski (o systemie miar i wag)**

inch [N-COUNT-U10] An **inch** is an imperial unit that measures length or distance. **cal (jednostka miary)**

inspect [V-T-U8] To **inspect** is to look at or analyze something carefully. **sprawdzać**

install [V-T-U8] To **install** is to arrange, connect or put something in a certain place so you can use it. **instalować**

insulated [ADJ-U13] If a wire is **insulated**, then it is protected from touching other wires. This helps prevent fires and short circuiting. **zaizolowany**

is [V-T-U9] If something **is** something else, they are equal. **równa się**

jacket [N-COUNT-U13] A **jacket** is the insulated sheath that protects the wires from touching each other or getting too hot. **otulina na kable**

jigsaw [N-COUNT-U3] A **jigsaw** is an electric or gas-operated saw with a thin blade, which cuts straight and rounded edges into objects. **wyrzynarka**

kneel [V-I-U7] To **kneel** is to support oneself on one or both knees. **klękać**

knob and tube (K&T) wiring [N-UNCOUNT-U13] **Knob and tube (K&T) wiring** is wires encased in porcelain knobs and tubes. It is usually found in older homes. **rodzaj okablowania**

labeling machine [N-COUNT-U4] A **labeling machine** is an instrument electricians use to make labels for different objects. **etykietarka**

leather gloves [N-PLURAL-U6] **Leather gloves** are gloves that are made of leather and used to protect the hands. **skórzane rękawice**

less [PREP-U9] **Less** is used when taking a number away from another. **odjąć (w odejmowaniu)**

level [N-COUNT-U4] A **level** is a tool electricians use to ensure they install things in a straight line. **poziomica**

lift [V-T-U7] To **lift** something is to move it to a higher position. **podnieść**

lineman's pliers [N-PLURAL-U4] **Lineman's pliers** are tools workers use to twist and slice wires. **kombinerki (szczypce uniwersalne)**

live wire [N-COUNT-U12] A **live wire** is a wire with electrical energy running through it. **przewód pod napięciem**

location [N-COUNT-U14] A **location** is a place or site. **miejsce**

lockout/tagout procedure [N-COUNT-U12] A **lockout/tagout procedure** is when a lock is placed on a power source after it has been turned off and a label is placed on the equipment to show that it has been locked. **procedura odłączania napięcia i wywieszania tablic ostrzegawczych**

long nose (needle nose) pliers [N-PLURAL-U1] **Long nose pliers** are pliers with long blades able to grip or cut through wires. **szczypce długie**

masonry drill bit [N-COUNT-U4] A **masonry drill bit** is a bit that is made to drill through hard surfaces like stone or concrete. It is usually used with a hammer drill. **wiertło udarowe**

maximum [ADJ-U14] **Maximum** is the most of something that is achievable. **maksimum**

measuring tape [N-COUNT-U1] A **measuring tape** is a tool with a long piece of thin metal, paper or plastic with numbers on it. **taśma miernicza**

metal-clad (MC) cable [N-UNCOUNT-U13] **Metal-clad (MC) cable** is wires encased in steel insulation, and it has a green ground wire inside the metal jacket. **kabel o powłoce metalowej**

meter [N-COUNT-U10] A **meter** is a unit of length that measures 100 centimetres or 39 inches. **metr**

metric [ADJ-U10] If something is **metric**, it involves the system of measurement based on the meter and the kilogram. **metryczny (o systemie miar i wag)**

micrometer [N-COUNT-U10] A **micrometer** is a type of caliper with a calibrated screw used to measure small distances. **mikrometr**

millimeter [N-COUNT-U10] A **millimeter** is a metric unit that measures length or distance, equal to 1/10 of a centimeter. **milimetr**

minus [PREP-U9] **Minus** is used when taking away a number from another. **minus (w odejmowaniu)**

mortar [N-UNCOUNT-U5] **Mortar** is a mixture of sand, water and lime used to hold bricks or stones in place. **zaprawa murarska**

multimeter [N-COUNT-U4] A **multimeter** is a device used to determine a wire's amount of voltage and power. **multimetr (urządzenie pomiarowe)**

multiplied by [V PHRASE-U9] If a number is **multiplied by** another, it is added onto itself that number of times. **pomnożony przez (działanie matematyczne)**

nonmetallic (NM) sheath cable [N-UNCOUNT-U13] **Nonmetallic (NM) sheath cable** is wires in a non-metal jacket. The jacket is made of a material like thermoplastic. **kabel o powłoce niemetalowej**

nut driver [N-COUNT-U2] A **nut driver** is a tool used for tightening nuts. **wkrętak do nakrętek**

ohm [N-COUNT-U11] An **ohm** is a unit of measurement showing electrical resistance. **om (jednostka miary)**

ought [N-UNCOUNT-U14] **Ought** is nothing or nil. **zero**

over [PREP-U9] If one number **over** another number, it is divided by that number. **przez (w dzieleniu)**

paralyze [V-T-U12] To **paralyze** is to freeze the muscles so they cannot move. **paraliżować**

Phillips screwdriver [N-COUNT-U2] A **Phillips screwdriver** is a tool used to tighten screws that have a cross-shaped head. **śrubokręt krzyżakowy**

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plaster [N-UNCOUNT-U5] **Plaster** is a mixture of lime, sand and water used in buildings to cover walls and ceilings.
gips (w budownictwie)

plug-in analyzer [N-COUNT-U4] A **plug-in analyzer** is a machine used to check circuits to make sure they are correctly installed and safe. **analizator obwodów**

plus [PREP-U9] **Plus** is used when adding numbers. **plus, dodać (działanie matematyczne)**

plywood [N-UNCOUNT-U5] **Plywood** is a board made of thin layers of wood that are glued together. **sklejka, dykta**

pull [V-T-U8] To **pull** is to put force on an object in order to move it closer to you. **ciągnąć**

push [V-T-U8] To **push** is to put force on an object in order to move it away from you. **pchać**

push-in connector [N-COUNT-U15] Instead of twisting, wires are pushed in through holes in the **push-in connector**.
złącze wtykowe sprężynowe

rating [N-COUNT-U14] A **rating** is a list grading and comparing objects on their worth, usefulness or value.
klasyfikacja

reciprocating saw [N-COUNT-U3] A **reciprocating saw** is an electric or gas-operated saw that has a few different blades which can be switched. **pilarka szablasta, pilarka „lisiego ogona”**

release [V-T-U7] To **release** something is to let it free or let it go. **wypuścić**

replace [V-T-U13] To **replace** is to take away an old wire and put a new wire in its place. **wymienić, zastępować**

resistance [N-UNCOUNT-U11] Electrical **resistance** is the way certain substances work against electricity. **opór**

resistant [ADJ-U14] If an object is **resistant**, it is not affected by certain things such as heat or water. **odporny (np. water-resistant - nieprzemakalny)**

risk [N-COUNT-U12] A **risk** is a chance that something bad will happen. **ryzyko**

rotary drill [N-COUNT-U5] A **rotary drill** is a drill that moves in circles to cut something. **wiertarka**

rotary hammer [N-COUNT-U5] A **rotary hammer** hits things hard, while turning, to drill into something. **młot udarowy**

round off [V PHRASE-U10] To **round off** a screw or bolt is to damage it so that it cannot be moved properly with normal tools. **uszkodzić (o śrubie)**

rubber mat [N-COUNT-U6] A **rubber mat** is a mat made of rubber that electricians stand on to protect themselves from electric shock. **gumowa mata izolacyjna**

safety glasses [N-UNCOUNT-U6] **Safety glasses** are clear glasses made of thick plastic that protect electricians' eyes from flashes and dangerous materials. **okulary ochronne**

screwdriver [N-COUNT-U1] A **screwdriver** is a tool used to tighten or loosen screws. **śrubokręt**

service entrance (SE) cable [N-COUNT-U13] A **service entrance (SE) cable** is used for wiring outside and above ground. **kabel serwisowy**

sheath [N-COUNT-U14] A **sheath** is a plastic casing that protects wires. **powłoka kabla**

shell [N-COUNT-U15] A **shell** is a covering used on connectors to protect wires. It is usually made of fire resistant thermoplastic. **osłona termoplastyczna**

shock [V-T-U12] To **shock** is to pass electricity through the body. **razić (o prądzie)**

side cutters [N-PLURAL-U1] **Side cutters** are a type of pliers used for cutting, twisting or pulling wires. **nożyce boczne**

socket wrench [N-COUNT-U2] A **socket wrench** is a tool used to tighten bolts. **klucz nasadowy**

spade bit [N-COUNT-U3] A **spade bit** is a narrow bit with a sharp tip and edges. **wiercenko łopatkowe**

splice [V-T-U8] To **splice** is to join two wires by twisting them and connecting the ends. **spłatać, łączyć (o kablach)**

split [V-T-U7] To **split** something is to separate it or divide it into more than two parts. **dzielić, rozdzielać**

spring [N-COUNT-U15] A **spring** is a device inside the shell of a connector. The spring creates pressure which tightly splices the wires together. **sprężyna**

stand [V-T-U7] To **stand** is to be in a vertical position. **stać w pionie**

static electricity [N-UNCOUNT-U12] **Static electricity** is an electrical charge made by friction. **elektryczność statyczna**

steel [N-UNCOUNT-U5] **Steel** is a metal that is made from combining iron and carbon. **stal**

steel toe boots [N-PLURAL-U6] **Steel toe boots** are boots with a layer of steel in the front so that workers' feet won't be hurt by objects that fall. **obuwie ochronne z metalowymi noskami**

stepped drill bit [N-COUNT-U4] A **stepped drill bit** is a drill bit that is used to drill through metal, plastic or wood. **świder stożkowy**

stone [N-UNCOUNT-U5] **Stone** is the hard substance rocks are made from, and is often used in buildings. **kamień**

stoop [V-I-U7] To **stoop** is to stand with the top half of the body bent forward. **pochylić/schylić się**

strip [V-T-U8] To **strip** is to take the plastic covering off wires so that only the metal is left. **zdzierać, zdejmować**

stud punch [N-COUNT-U4] A **stud punch** is a device that cuts holes for wires to go through. **dziurkacz do blachy**

subtract [V-T-U9] To **subtract** a number is to take it away from another number. **odejmować (działanie matematyczne)**

test [V-T-U8] To **test** is to turn something on or try something to see if it works. **testować sprawdzać**

eighth [N-COUNT-U9] An **eighth** is one of eight equal parts of something. **jedna ósma**

thermoplastic [ADJ-U15] **Thermoplastic** describes the fire resistant material that is used to make connector shells. **termoplastyczny**

times [PREP-U9] **Times** is used when multiplying numbers. **razy (działanie matematyczne)**

tool belt [N-COUNT-U2] A **tool belt** is a belt with loops for carrying tools while working on a job. **pas na narzędzia**

tool kit [N-COUNT-U1] A **tool kit** is a bag or box used to hold a set of tools. **skrzynka narzędziowa**

torque wrench [N-COUNT-U2] A **torque wrench** is a tool that can be adjusted to create different amounts of force when turning a bolt. **klucz dynamometryczny**

turn off [V PHRASE-T-U7] To **turn** something **off** is to make it cease operating or stop working. **wyłączyć**

turn on [V PHRASE-T-U7] To **turn** something **on** is to make it operate or start working. **włączyć**

twist [V-T-U8] To **twist** something is to turn it or bend it. **przekręcić, okrącić**

twist bit [N-COUNT-U3] A **twist bit** is a drill bit with a spiral or coil-shaped cutting part. **wiertło skręcone**

twist-on connector [N-COUNT-U15] A **twist-on connector** is a wire connector that is twisted on. It connects or splices one or more wires. **złącze skręcane**

underground connector [N-COUNT-U15] When a connection may be exposed to water, moisture, and the elements, or buried underground, an **underground connector** is used. **złącze ziemne**

underground feeder (UF) cable [N-COUNT-U13] An **underground feeder (UF) cable** is used outdoors and can be buried directly underground. It can be used in wet areas. **kabel zasilający ziemny**

utility knife [N-COUNT-U1] A **utility knife** is a tool with a thin, sharp slanted blade used to cut things. **nóż uniwersalny**

volt [N-COUNT-U11] A **volt** measures the strength of the force moving electricity. **wolt (jednostka miary)**

voltage [N-UNCOUNT-U11] **Voltage** is the force of moving electricity. **napięcie**

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- waterproof connector** [N-COUNT-U15] A **waterproof connector** is designed to protect wires from water. **złącze wodoszczelne**
- watt** [N-COUNT-U11] A **watt** is a unit of measurement for electrical power. **wat (jednostka miary)**
- winged connector** [N-COUNT-U15] A **winged connector** is a twist-on connector with extra plastic wings. This makes it easier to tighten. **rodzaj złącza skręcanego**
- wire strippers** [N-PLURAL-U1] A **wire stripper** is a tool used for pulling the covering off wires. **szczypce do usuwania izolacji**
- wood** [N-UNCOUNT-U5] **Wood** is a substance that comes from trees and is used for building. **drewno**
- wood auger** [N-COUNT-U3] A **wood auger** is a big drill bit which smooths the rough parts of holes in wood. **wiertło kręte do drewna**
- yard** [N-COUNT-U10] A **yard** is a unit of length that equals 3 feet. **jard (jednostka miary)**