



## SCRIPT

SECTOR: ELECTRICAL ENGINEERING IN SPAIN

TOPIC: GET TO KNOW THE ESSENTIAL TOOLS AND EQUIPMENT  
YOU WILL NEED TO USE IN THE FIELD OF  
ELECTRICAL ENGINEERING



Essential tools for Electrical Installation  
[Herramientas esenciales para la instalación eléctrica](#)

You should know these tools if you work in electrical installation:



Cortador lateral

[Cortador lateral](#)  
The side cutter is used to cut wires and cables.



If you want to cut wires effortlessly, use a cable cutter –  
[Cortador de cable](#).



Remove the sheath insulation of the cable without damaging the  
insulation of the cores.  
For short pieces, a stripper is sufficient: [Stripper](#).



For longer pieces, use a cable knife/stripping knife:  
**Cuchillo para cables.**



The insulation of the individual wires is removed with a wire  
stripper: **Pelacables.**



Crimping pliers are used to press sleeves or cable lugs onto fine-  
stranded wires: **Alicates de engaste.**  
A wide variety of crimping inserts is available for this purpose.



Screwdrivers are needed in different sizes.  
Slot screwdriver – **Destornillador de ranura**  
Phillips screwdriver – **Destornillador de estrella**  
They must be insulated up to 1000 V for safety.



Typical measuring devices for electrical installation:  
**Dispositivos de medición típicos**  
A digital multimeter **Multímetro digital** can be used to measure  
various electrical quantities in circuits.  
Voltage - **Tensión**  
Current - **Corriente**  
Resistance - **Resistencia**



A handy continuity tester [Comprobador de continuidad](#) is used to measure the continuous connection in an electrical system.



The voltage must be measured with a two-pole voltage tester: [Comprobadores de tensión bipolares](#)  
230 V at sockets or luminaires  
400 V at three-phase sockets



The safety of an electrical installation is measured with an installation tester: [Comprobador de instalación](#).  
For example, the correct function of a residual current circuit breaker.

## LIST OF VOCABULARY

**SECTOR:** ELECTRICAL ENGINEERING IN SPAIN  
TOOLS AND EQUIPMENT

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<b>DESTINATION LANGUAGE</b>	<b>YOUR LANGUAGE</b>
<i>Cortador lateral</i>	
<i>Cortador de cable</i>	
<i>Stripper</i>	
<i>Cuchillo para cables</i>	
<i>Pelacables</i>	
<i>Alicates de engaste</i>	
<i>Destornillador de ranura</i>	
<i>Destornillador de estrella</i>	
<i>Dispositivos de medición típicos</i>	
<i>Multímetro digital</i>	
<i>Tensión</i>	
<i>Corriente</i>	
<i>Resistencia</i>	