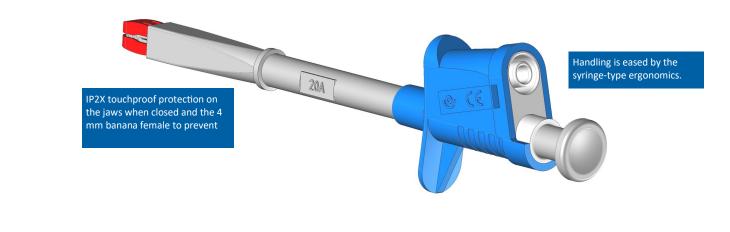
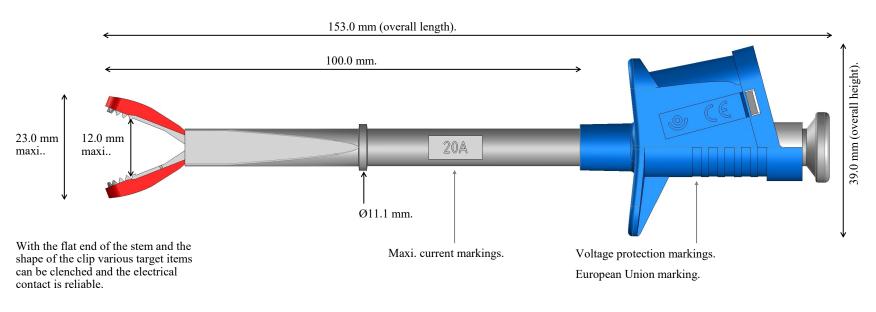


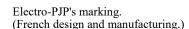
6009-IEC

Optimum jaw design to clench well a lot of various items as bar, wire, screw, PCB pin, etc.

Designation: Alligator Clip w/ 4 mm Banana (female) Jack (socket).









The 4 mm banana female connection complies with the 4 mm banana plugs of most of the worldwide most famous manufacturers.

DATA SHEET (PAGE 2 OF 2).

6009-IEC

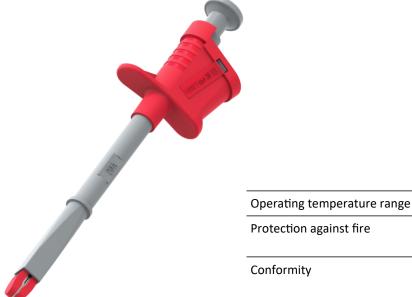
Designation: Alligator Clip w/ 4 mm Banana (female) Jack (socket).

Electrical protection

1000 V CAT II 1000 V CAT III 600 V CAT IV 1000 V CAT II / 1000 V CAT III / 600 V CAT IV, reinforced insulation, 20 A (at +40 °C). According to EN / IEC 61010-031:2015+A1:2018.

IP2X (touchproof) when the jaws are closed. According to EN / IEC 60529. These specifications come from the creepage distances, clearances, accessible parts, and solid insulation of the clip. And the considered specifications of the environment

- pollution degree, 1 or 2;
- relative humidity, 80 % maximum for temperatures up to 31 °C decreasing linearly to 50 % relative humidity at +40 °C;
- temperature range, +5 °C to +40 °C:
- indoor use; and
- altitude, 2000 m maximum.



Protection against fire	According to EN / IEC 61010-031:2008. It is compatible with the requirements of protection against the spread of fire and resistance to heat by its basic insulation.
Conformity	 European Directive "Low Voltage Directive" 2014/35/UE. International / European standard EN / IEC 61010-031:2015+A1:2018. European Directive "RoHS" 2011/65/EU, 2015/863/EU. European REACH regulation n°1907 / 2006.
Environment	 "RoHS" compliant, Pb ≤ 4 % in conductor, Pb ≤ 0.1 % in insulator, Hg ≤ 0.1 %, Cr VI ≤ 0.1 %, Cd ≤ 0.01 %, PBB ≤ 0.1 %, and PBDE ≤ 0.1 %. REACH compliant, no substances from the candidate list of SVHC for authorisation at mass concentrations greater than 0.1 %.

Yellow

Green

-20 °C mini., +80 °C maxi. (please see above too).

Contact us at: Materials Conductors: nickel-coated brass, steel, and brass. Insulators: please contact us.

Weight 0.027 kg

Origin Designed and manufactured in France.

Black

Reliability benchmark Year of 1st placing on the market 1998.

Packaging Bag of 5 units of the same color (default packaging).

+33(0) 384 821 330

ELECTRO-PJP **39500 TAVAUX**

GLOSSARY:

ACCESSIBLE. Able to be touched with a standard test finger or test pin. BASIC INSULATION. Insulation of hazardous live parts which provides

CAT II. Measurement or overvoltage category II. For measurement performed on / equipment connected to the building wiring.

CAT III. Measurement or overvoltage category III. For measurement performed on / equipment connected to part of a building wiring installation

CAT IV. Measurement or overvoltage category IV. For measurement performed on / equipment connected to the origin of the electrical supply to a

CLEARANCE. Shortest distance in air between two conductive parts.

CREEPAGE DISTANCE. Shortest distance along the surface of a solid insulating material between two conductive parts.

DOUBLE INSULATION, Insulation comprising both BASIC INSULATION and SUPPLEMENTARY INSULATION.

EN / IEC 60529:2001. The 2001 version of the European / international standard regarding the degrees of protection provided by enclosures.

EN / IEC 61010-031:2008. The latest version (in February 2012) of the European / international standard regarding the safety requirements for electrical equipment for measurement, control and laboratory use – Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test. Version year 2008.

IP2X. Solid protection to prevent finger touch according to the European / international standard EN / IEC 60529.

'LVD", European Directive 2006/95/EC on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits. (Usually called the Low Voltage Directive.)

NF C 93-440:1986. French standard regarding one pole plugs, sockets and safety assemblies diameter 4 mm and specially the interchangeability dimensions of plugs and sockets.

OVERVOLTAGE CATEGORY. Numeral defining a TRANSIENT OVER-

POLLUTION. Addition of foreign matter, solid, liquid or gaseous (ionized gases), that may produce a reduction of dielectric strength or surface

POLLUTION DEGREE. Numeral indicating the level of POLLUTION that may be present in the environment.

POLLUTION DEGREE 1. No POLLUTION or only dry, non-conductive POLLUTION occurs, which has no influence.

POLLUTION DEGREE 2. Only non-conductive POLLUTION occurs except that occasionally a temporary conductivity caused by condensation is

POLLUTION DEGREE 3. Conductive POLLUTION occurs, or dry, nononductive pollution occurs which becomes conductive due to condensation

REINFORCED INSULATION. Insulation which provides protection against electric shock not less than that provided by DOUBLE INSULATION.

"RoHS". European Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

SOLID INSULATION. Insulating materials.

SUPPLEMENTARY INSULATION. Independent insulation applied in addition to BASIC INSULATION in order to provide protection against electric shock in the event of a failure of BASIC INSULATION.

FRANSIENT OVERVOLTAGE. Short duration overvoltage of a few nilliseconds or less, oscillatory or non-oscillatory, usually highly damped.

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