

Fichier « DataSheet_TENMA_3265-I ». 12/10/2016. Indice A. Information in this publication supersedes all earlier versions. Specifications subject to change without notice. © 2016.

Dimensions in millimeters.

Black : 76-1656	TENDA®	DATA SHEET (PAGE 2 OF 2).	GLOSSARY :
Red : 76-1658 Blue : 76-1484 Green : 76-1486 Yellow : 76-1488	Designation : 4 mm Banana (female) Jack (socket) w/ M4 Threaded Stud and Hex Nuts. Panel mounting, nut fixing.		ACCESSIBLE. Able to be touched with a standard test finger or test pin. BASIC INSULATION. Insulation of HAZARDOUS LIVE parts which provides basic protection. CAT II. Measurement or overvoltage category II. For measurement per- formed 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 building.
	Electrical safety	The design of the socket front face meets the requirements of EN / IEC 61010-031:2008 and the socket design is compatible with EN / IEC 61010-1:2010 for reinforced insulation at 1000 V CAT II / 1000 V CAT III / 600 V CAT IV and 36 A (at 40 °C). These specifications come from the creepage distances, clearances, solid insulation, and CTI of the socket. And the considered building and implementation specifications are : insulating panel ; pollution degree of the micro-environment, 1 or 2 ; relative humidity of the micro-environment, 80 % maximum for temperatures up to 31 °C decreasing linearly to 50 % relative humidity at 40 °C ; temperature range of the micro-environment, +5 °C to +40 °C ; indoor use ; and altitude, 2000 m maximum. IP2X (touch-protected) protection on the front face according to EN / IEC 60529.	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. CTI. Comparative Tracking Index of the insulating material in accordance with IEC 60112. DOUBLE INSULATION. Insulation comprising both BASIC INSULATION and SUPPLEMENTARY INSULATION. EN / IEC 60102-2001. The 2001 version of the European / international standard regarding the degrees of protection provided by enclosures. EN / IEC 60101-1:2010. 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 1: General requirements. EN / IEC 61010-031-2008. The latest version (in February 2012) of the Elevence of the safety requirements.
	Operating temperature range	-20 °C mini., +80 °C maxi. (please see above too).	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 measure- ment and test. Version year 2008.
	Protection against fire	The socket design is compatible with the EN / IEC 61010-031:2008 requirements of protection against the spread of fire and resistance to heat by its basic insulation. The socket design is compatible with the EN / IEC 61010-1:2010 requirements of eliminating / reducing the sources of ignition within the equipment by its basic insulation. The socket isn't designed to comply with the building of equipment containing or using flammable liquids and with circuits producing heat.	 "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.) MAINS. Low-voltage electricity supply system to which the equipment concerned is designed to be connected for the purpose of powering the equipment. MAINS CIRCUIT. Circuit which is intended to be directly connected to the MAINS for the purpose of powering the equipment.
	Conformity	 European Directive "Low Voltage Directive" 2014/35/EU. European Directive "RoHS" 2011/65/EU. European REACH regulation n°1907 / 2006. International / European standard EN / IEC 61010-031:2008. International / European standard EN / IEC 61010-1:2010. International / European standard EN / IEC 60529. 	OVERVOLTAGE CATEGORY. Numeral defining a TRANSIENT OVER- VOLTAGE condition. POLLUTION. Addition of foreign matter, solid, liquid or gaseous (ionized gases), that may produce a reduction of dielectric strength or surface resistivity. 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 DEGREE 1. No POLLUTION or only dry, non-conductive POLLUTION occurs, which has no influence.
	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 % 	POLLUTION DEGREE 2. Only non-conductive POLLUTION occurs except that occasionally a temporary conductivity caused by condensation is expected. REINFORCED INSULATION. Insulation which provides protection against electric shock not less than that provided by DOUBLE INSULATION. "RoHS", European Directive 2011/65/EU on the restriction of the use of
	Materials	Conductors : nickel-coated brass. Insulator : please contact us, CTI < 175.	certain hazardous substances in electrical and electronic equipment. SOLID INSULATION. Insulating materials.
	Colors	Black Red Yellow Green Blue White	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.
	Weight	0.007 kg.	TRANSIENT OVERVOLTAGE. Short duration overvoltage of a few milliseconds or less, oscillatory or non-oscillatory, usually highly damped.
	Origin	Designed and manufactured in France.	 WORKING VOLTAGE. Highest r.m.s. value of the a.c. or d.c. voltage across any particular insulation which can occur when the equipment is supplied at rated voltage.
	Reliability benchmark	Year of 1st placing on the market 1996.	
	Packaging	One piece per bag (in one bag : 1 socket + 1 round nut + 2 M4 nuts).	

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