CHAUVIN ARNOUX
CHAUVIN ARNOUX GROUP

TEST REPORT

Instrument Number : N°168295HLH

Instrument :
C.A 6116 / Firmware serial number 00002339

Measurement Standards :
Multimeter : Agilent 34401A
Calibrator : Metrix CX1651
High Resistance Decade : Meatest M-109R
High power AC-Voltage source : Eurotest EAC1
Low values resistors : C.A
Every test or measuring equipment used to verify this instrument is related to national and international Standards through our laboratories of metrology certified by french COFRAC equivalent to NAMAS in the UK , NIST in the USA or through an other certified laboratory .

CHAUVIN ARNOUX
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Notes :
- Please refer to User's Manual for instrument's measurement uncertainties .
- Current(20A range) and Power(200A range) controls are done without clamp : the calibrator sources the theorical clamp's output current to the clamp inputs .
- Continuity measurements : column 2("meas.b)") is the current generated during the measurement (+ or- polarity) and externally measured .
- Insulation measurements : column 2("meas.b)") is the voltage generated during the measurement (- polarity) and externally measured .
- Insulation measurements : column 3("meas.c)") is the voltage displayed by the instrument during the measurement (+ polarity) .
- RCD Trip : column 2("meas.b)") is the code returned by the instrument ; "1" if no-trip or "0" if trip .
- The plug ,below called "MΩ", is the insulation plug located at the right .
- The plug ,below called "Probe" and shown as "⊤", is the plug located at the left , receiving the rod for the Ra/Sel measurements.

The instrument complies with acceptance conditions defined in the procedure .

Tested by / Signature :

01 -10- 2010

DESCRIPTION : a).. [b)..] [c)..] [d)..] : [true values a)..; [b)..] [c)..]] [d)..]	meas.a)	meas.b)	meas.c)	meas.d)	Result
CONTINUITY (Ω) L-PE 200mA : a)R : a)0.098 ;	0.099				Pass
CONTINUITY (Ω) L-PE 200mA : a)R : a)2.180 ;	2.180				Pass
CONTINUITY (Ω) L-PE 200mA : a)R b)I gen.(+)meas. : a)20.17 ;	20.10	208.0			Pass
CONTINUITY (Ω) L-PE 200mA : a)R b)I gen.(-)meas. : a)20.17 ;	20.30	-209.4			Pass
CONTINUITY (Ω) L-PE 12mA :a)R : a)0.666 ;	0.681				Pass
CONTINUITY (Ω) L-PE 12mA : a)R b)I gen.(+)meas. : a)20.17 ;	20.14	11.8			Pass
CONTINUITY (Ω) L-PE 12mA : a)R b)I gen.(+)meas. : a)387.6 ;	387.8	11.8			Pass
WIRES-COMP.(Ω) : a)RL b)RN c)RPE : a)0.256 ; b)0.563 ; c)1.047 ;	0.253	0.560	1.045		Pass
RESISTANCE (Ω) L-PE : a)R : a)3603 ;	3602				Pass
RESISTANCE (Ω) L-PE : a)R : a)300.1 ;	300.6				Pass
RESISTANCE (kΩ) L-PE : a)R : a)349.0 ;	349.2				Pass
INSUL.1000V MΩ-PE (MΩ): a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)19.97 ;	20.03	-1071	1071		Pass
INSUL.500V MΩ-PE (MΩ): a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)19.97 ;	19.99	-538	538		Pass
INSUL.250V MΩ-PE (MΩ): a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)19.97 ;	19.98	-275	274		Pass
INSUL.100V MΩ-PE (MΩ): a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)19.97 ;	19.95	-116	115		Pass
INSUL.50V MΩ-PE (MΩ): a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)19.97 ;	19.90	-62	62		Pass
INSUL.1000V MΩ-PE (kΩ) : a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)49.7 ;	47.8	-66	66		Pass
INSUL.500V MΩ-PE (kΩ) : a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)49.7 ;	49.1	-95	94		Pass
INSUL.250V MΩ-PE (kΩ) : a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)49.7 ;	48.5	-93	91		Pass
INSUL.100V MΩ-PE (kΩ) : a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)49.7 ;	48.2	-87	84		Pass
INSUL.50V MΩ-PE (kΩ) : a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)49.7 ;	47.5	-66	66		Pass
INSUL.1000V MΩ-PE (kΩ) : a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)953 ;	948	-1030	1029		Pass
INSUL.500V MΩ-PE (kΩ) : a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)485 ;	481	-518	517		Pass
INSUL.250V MΩ-PE (kΩ) : a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)246.3 ;	243.7	-262	260		Pass
INSUL.100V MΩ-PE (kΩ) : a)R b)U gen.(-)meas. c)U gen.(+)disp. : a)99.2 ;	97.6	-107	106		Pass
INSUL. 1000V MΩ-PE (MΩ) : a)R : a)299.8 ;	300.5				Pass
INSUL. 1000V MΩ-PE (MΩ) : a)R : a)1888 ;	1881				Pass
INSUL. 500V MΩ-PE (MΩ) : a)R : a)1888 ;	1885				Pass