BUREAU VERITAS ITALIA S.p.A. Via Miramare, 15 – 20126 Milano

ATTESTATO DI ESAME DELLA CONFORMITA'

CONFORMITY EXAMINATION CERTIFICATE

N° P9004/17/FC/fc rev. 1

BUREAU VERITAS ITALIA a seguito di verifica di terza parte (rapporto di ispezione nr. P9003/17/FC/fc) attesta che il modello di seguito identificato, è stato esaminato secondo quanto previsto da:

- IEC 61822 "Electrical installations for lighting and beaconing of aerodromes – constant current regulators" ed. 2 dated 01/05/2009
- AENA DIN/DSEYN/PPT/002-05/13 "pliego de prescripciones tecnicas de reguladores de intensidad constant" dated 22/02/2013

Following the third part inspection (inspection report nr.* P9003/17/FC/fc*), BUREAU VERITAS ITALIA attests that type identified hereunder has been examined against the provisions of:

- IEC 61822 "Electrical installations for lighting and beaconing of aerodromes – constant current regulators" ed. 2 dated 01/05/2009
- AENA DIN/DSEYN/PPT/002-05/13 "pliego de prescripciones tecnicas de reguladores de intensidad constant" dated 22/02/2013

Dispositivo / Device:

UR3000
Constant Current Regulator

Fabbricante
manufacturer

ENERGY TECHNOLOGY S.r.l.

Via della solidarietà, 2/1 – 40056 Valsamoggia loc. Crespellano (BO) – ITALY

Questo certificato perde la sua validità dopo 7 anni dalla data di emissione, o in caso di modifiche al dispositivo che possano influire sulla conformità ai requisiti dello standard di riferimento.

This certificate shall be deemed to be void after 7 years from the issuing date or in case of modification to the device where this may affect conformity with the reference standard.

Questo certificato è composto da 2 (due) pagine/*This certificate is composed by 2 (two) pages)*

Luogo: Padova *Place* Data: 08/03/2017 *Date*	Firmato da: Felice Cammara *Signed by* Firma: *Signature*

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Punti degli standard presi in considerazione durante l'esame / *Points of standards taken in account*

IEC 61822 ed. 2

TEST	*TYPE*	*RESULTS*
Visual inspections	7.1	Complies
Protection against electric shock	7.2	Complies
Dielectric test	7.3	Complies
Dielectric strenght	7.3.1	Complies
Basic impulse insulations level (BIL) test for power transformer	7.3.2	Complies
Enclosure temperature test	7.4	Complies
Test of protective devices	7.5	Complies
Open circuit test	7.5.1	Complies
Overcurrent test	7.5.2	Complies
Operation test	7.6	Complies
Performance test	7.7	Complies
Regulation test	7.7.1	Complies
Resistive loading	7.7.1.1	Complies
Reactive loading	7.7.1.2	Complies
Efficiency testing	7.7.2	Complies
Power factor	7.7.3	Complies
Output current surge limitation	7.7.4	Complies
Dynamic rensponse	7.7.5	Complies
Power supply interruptions and voltage dips	7.7.6	Complies
Output waveform	5.4.2	Complies
Mechanical operation test	7.7.7	Complies
Electromagnetic compatibility (EMC)	7.7.8	Complies
Lightning arrestors	7.7.9	Complies
Low temperature	7.8.1	Complies
High temperature	7.8.2	Complies

AENA DIN/DSEYN/PPT/002-05/13

TEST	*TYPE*	*RESULTS*
Tensiones del interfaz de supervisión > IEC61822 = 5.3.9.2 Control Interface	4.1.1	Complies
Funciones de supervisión > IEC61822 = 5.7.1 Earth Fault / 5.7.3 Lamp Fault	4.1.2	Complies
Medida de la potencia de salida	4.1.3	Complies
Medida de temperatura	4.1.4	Complies
Diseño mecánico - movilidad	4.1.5	Complies
Configuración del conector para control y supervisión	4.1.6	Complies
Pararrayos > IEC61822 = 5.7.4 Output lightning arrestors	4.2.1	Complies
Desconectador del circuito serie > IEC61822 = 5.7.5 Field circuit isolator	4.2.2	Complies
Indicador de fuera de márgenes > IEC61822 = 5.7.7 Out of range indicator	4.2.3	Complies
Amperímetro de salida > IEC61822 = 5.7.8 Output ammeter	4.2.4	Complies
Proteccion contra los choques electricos	4.3	Complies