



BUREAU VERITAS ITALIA S.p.A. V.le Monza, 347 – 20126 Milano

**ATTESTATO DI ESAME DELLA CONFORMITA'
CONFORMITY EXAMINATION CERTIFICATE**

N° P9017/24/FC/fc

BUREAU VERITAS ITALIA a seguito di verifica di terza parte (rapporto di ispezione nr. P9015/24/FC/fc) attesta che il modello di seguito identificato, è stato esaminato secondo quanto previsto da:

- IEC 61820-3-2 "Electrical installations for lighting and beaconing of aerodromes – Part 3-2: Requirements for power supplies – Particular requirements for series circuits". Edition 1.0 – 2023-10.
- AENA DIN/DSEYN/PPT/002-05/13 "Pliego de prescripciones técnicas de reguladores de intensidad constante". Date 22/02/2013

Following the third part inspection (inspection report nr. P9015/24/FC/fc), BUREAU VERITAS ITALIA attests that type identified hereunder has been examined against the provisions of:

- IEC 61820-3-2 "Electrical installations for lighting and beaconing of aerodromes – Part 3-2: Requirements for power supplies – Particular requirements for series circuits". Edition 1.0 – 2023-10.
- AENA DIN/DSEYN/PPT/002-05/13 "Pliego de prescripciones técnicas de reguladores de intensidad constante". Date 22/02/2013

**Dispositivo / Device:
DIAM4100
Constant current regulator for AGL systems.
Size 2,5 – 5 – 7,5 – 10 – 15 – 20 kVA**

**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 3 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 3 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: 13/12/2024
Date**

**Firmato da: Felice Cammara
Signed by**

Firma:

Signature

Felice Cammara



Punti dello standard presi in considerazione durante l'esame / Points of standard taken in account

<i>TEST</i>	<i>TYPE</i>	<i>RESULT</i>
Visual inspection	IEC 61820-3-2 paragraph 6.4.2	Complies
Open circuit test specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.3.2	Complies
Overcurrent test specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.3.3	Complies
Operation test	IEC 61820-3-2 paragraph 6.4.4	Complies
Resistive loading specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.5.1.1	Complies
Reactive loading specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.5.1.2	Complies
Efficiency testing	IEC 61820-3-2 paragraph 6.4.5.2	Complies
Power factor	IEC 61820-3-2 paragraph 6.4.5.3	Complies
Dynamic response specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.5.4	Complies
Output waveform specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.5.6	Complies
Input power loss test	IEC 61820-3-2 paragraph 6.4.5.7	Complies
Mechanical operation test	IEC 61820-3-2 paragraph 6.4.6	Complies
Electromagnetic compatibility (EMC)	IEC 61820-3-2 paragraph 6.4.7	Complies
Lightning arrestors	IEC 61820-3-2 paragraph 6.4.7.5	Complies
Low temperature test specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.8.2	Complies
High temperature test specific to the 6,6 A CCR	IEC 61820-3-2 paragraph 6.4.8.3	Complies
Optional accessories	IEC 61820-3-2 paragraph 6.4.9	Complies
Funciones de supervisión	AENA DIN/DSEYN/PPT/002-05/13 paragraph 4.1.2	Complies

Medida de la potencia de salida	AENA DIN/DSEYN/PPT/002-05/13 paragraph 4.1.3	Complies
Medida de temperatura	AENA DIN/DSEYN/PPT/002-05/13 paragraph 4.1.4	Complies
Diseño mecánico – movilidad	AENA DIN/DSEYN/PPT/002-05/13 paragraph 4.1.5	Complies
Desconectador del circuito serie	AENA DIN/DSEYN/PPT/002-05/13 paragraph 4.2.2	Complies
Protección contra los choques eléctricos	AENA DIN/DSEYN/PPT/002-05/13 paragraph 4.3	Complies

Data di emissione di questo documento per determinare la scadenza: 13/12/2024

Date of issuing of this document in order to determine the expiring date: 13/12/2024