DSSTech

LIGHT FLUX REGULATORS CATALOGUE

2024

Our products for public lighting

CENTRALIZED SYSTEMS

POINT TO POINT SYSTEM

KNOW-HOW, EXPERIENCE AND QUALITY: OUR STRENGHT

Quality is our philosophy of business.
Since 2004, our company is UNI ISO 9001 certificated, which regards the entire production, starting from the project, to production, until final tests of each piece, including after-sale assistance.
Being certificated means being committed to maintain high standard production targets, which are our customers' guaranty and satisfaction, especially for our best quality/price relationship.

The Varibox system

CENTRALE - VI - ITALY

The VARIBOX control systems have been designed to operate in the civil and industrial lighting field in a increasingly sensitive to energy problems and its costs context.
They introduce the concept of energy saving by acting on the technical characteristics of electroluminescent lamps for which, within certain limits, the supply voltage variation will modify the effect of light in a human eye not perceived way.
Two other important technical issues to highlight are:
1) the systems are automatic, so they can operate according to preset timings;
2) the systems are programmable and allow you to customize the operating cycle depending on the needs.

1 - Application

This product family is designed to be applied in all electrical multiple-light systems such as existing roads, parking lots, parking areas, diffuse illumination areas in the civil and industrial field.

2 - Energy saving

By installing a control unit with flux regulator you can normally ensure consumptions savings between 30% and 33% (these values have been detected on public roads illuminated with 70W to 250W sodium vapor lamps).
The lamps voltage, supplied by the center console, is controlled and kept constant by an electronic microprocessor.

3 - Saving maintenance costs

In addition to consumptions savings, the system carries substantial savings also on maintenance costs in the audited systems. In particular, managing the lamp's ignition program and reducing the peaks and voltage imbalances, it can increase the lamp's life by 40%.

4 - Control System

The energy module constantly detects and monitors voltage, current, power and power factor, active, reactive and apparent energy and it displays them on alphanumeric panel or touch-screen.
The control unit is composed by a latest-generation microprocessor that controls and manages the plant's functions, sending the instructions to external controls according to the instructions that reside in the operating program.

5 - User interface

The interface is formed by a 4" color touch-screen with memory.
With the alarm and consumption remote management kit you can remotely manage the system via internet connection using VNC software.

6 - Reliability

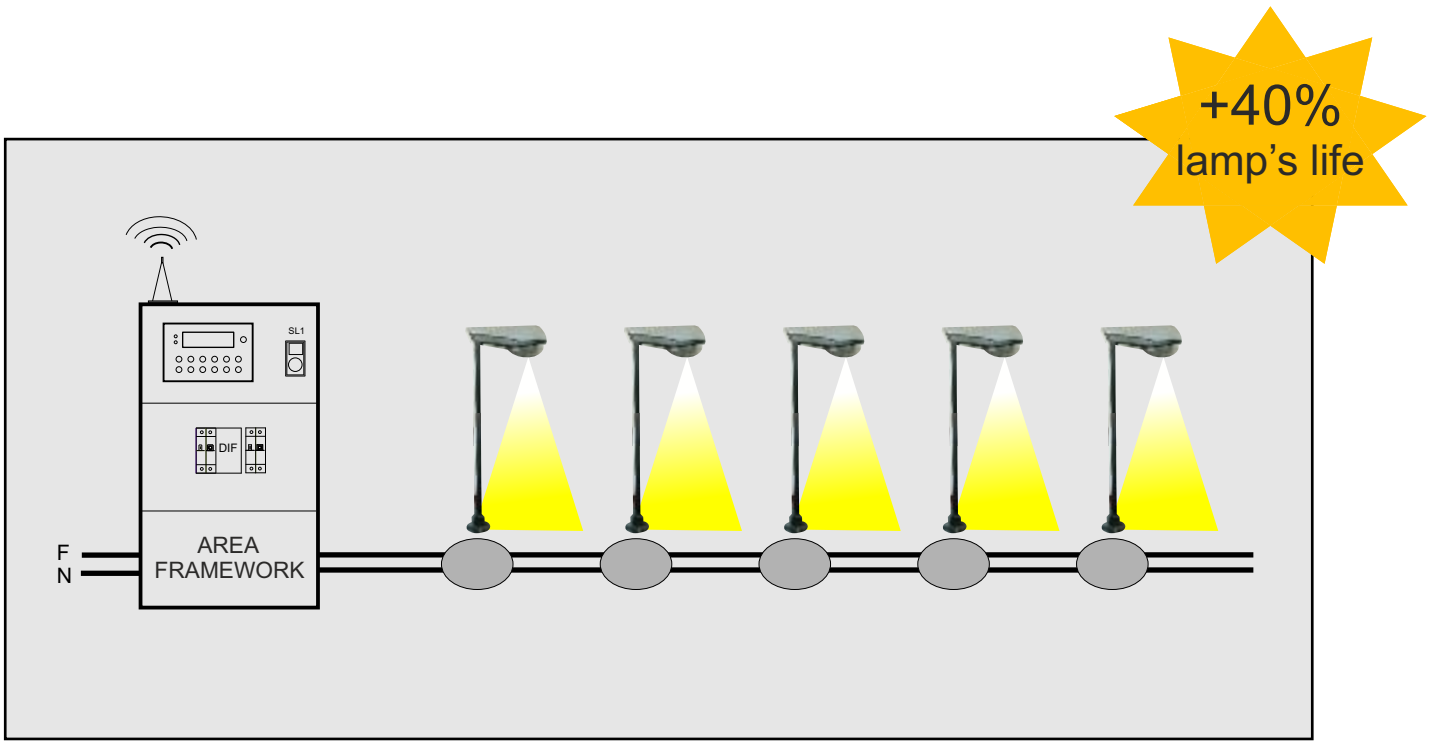
We design Varibox family with the goal of maximum reliability because this is the main feature our customers are asking for. To obtain such result we use an electromechanical solution to manage the flux regulation. We use top quality components and materials and we carefully test every single equipment.

Single-phase / Three-phase management

MARANO VICENTINO - ITALY

The VARIBOX system

Suitable for existing installations with mercury vapor lamps, high and low pressure sodium, metal halide and LED*.
It's possible to install a single-phase or three-phase enclosure which will still provide 230V/50Hz single-phase outputs with adeguate power to the number of controlled lamps.
The lamps power supply line is connected to the electrical cabinet terminals and the control unit, suitably programmed, will handle the lighting system in an automatic way.
If requested, it's possible to install a device to remotely control the system, that allow you to manage the functionalities and obtain the principal parameters and any triggered alarms.

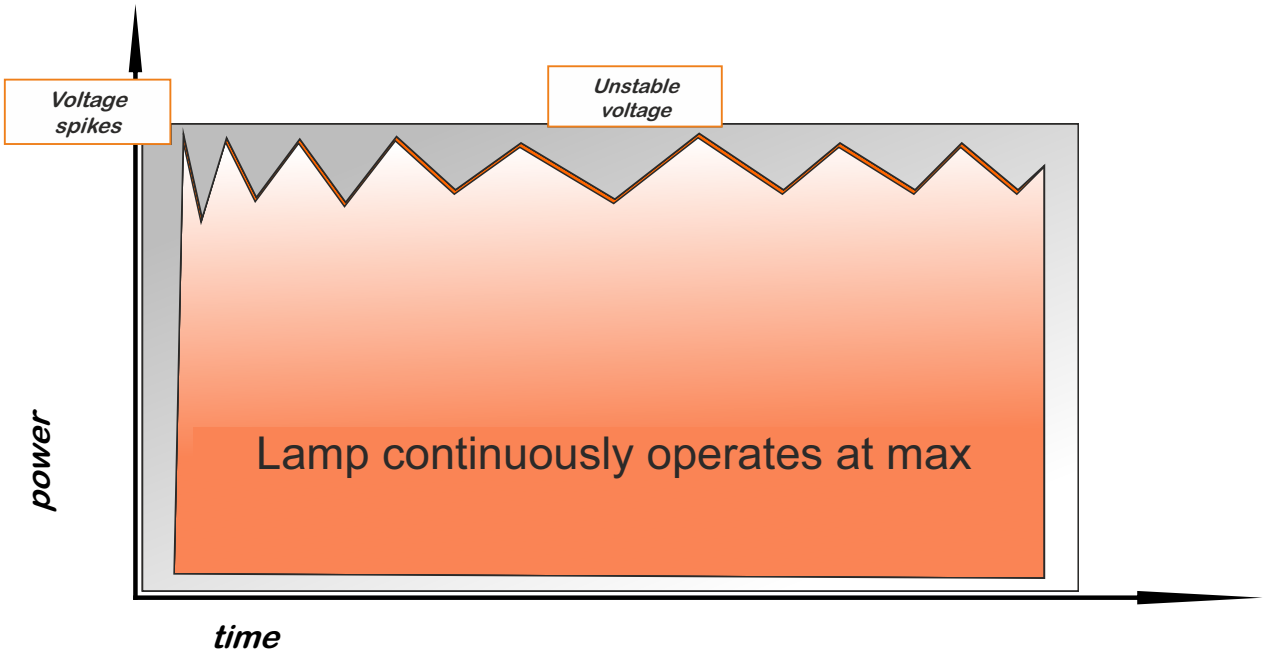


* : Varibox system in combination with dimmable LED lamps.

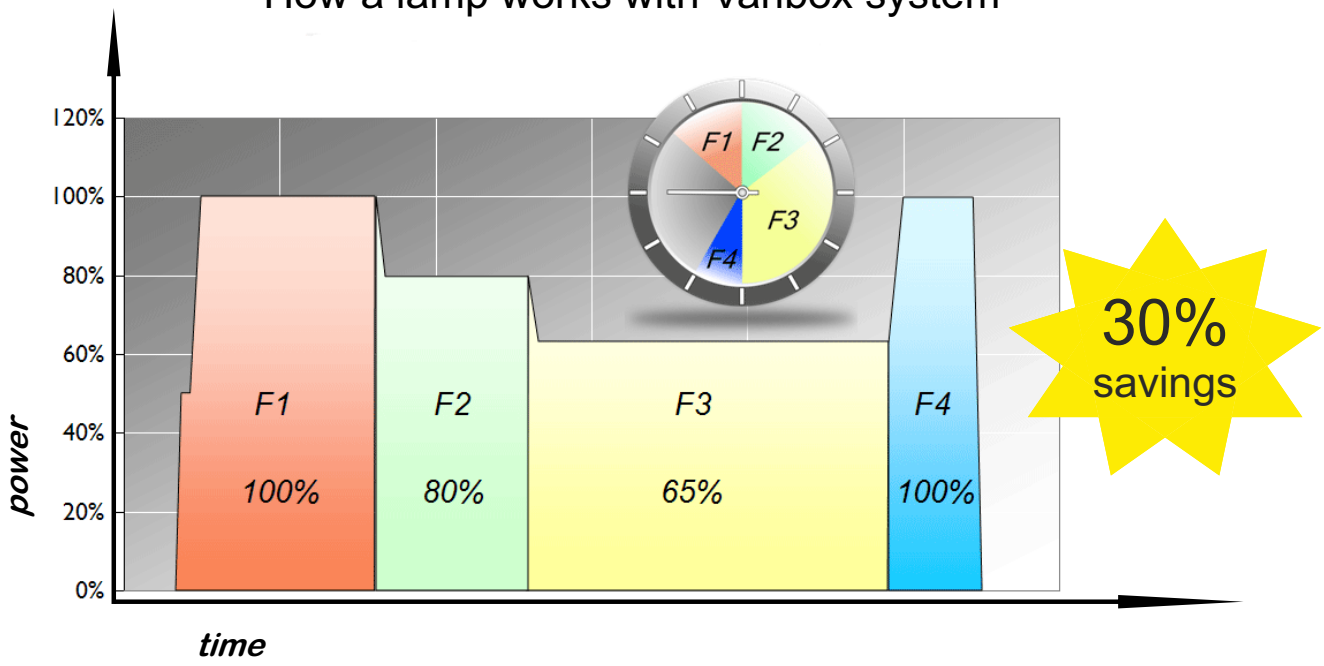
Principle of operation

MARANO VICENTINO - ITALY

How a lamp works with a conventional ferromagnetic ballast



How a lamp works with Varibox system



Technical and constructive features

TECHNICAL FEATURES	VARIBOX
Supply voltage	400V+N + PE +/- 10%
Power Frequency	50 Hz
Supply voltage stability	< 2 %
Minimum lamp ignition voltage	175V
Load's voltage variation range	da 175 a 230 V
Number of reduction thresholds	5
Operating Temperatures	da -25°C a 75°C
Yield	≥ 95%
Introduction of harmonic distortion at the output	nessuna
Nominal insulation voltage	1000V
Reference norms	EN 60529 - EN 62208 - EN 62262
Protection degree	IP55
Weight	80-150 kg

CONSTRUCTIVE FEATURES
Cabinet with class 2 double insulating
Reinforced polyester with glass fiber, flame retardant and halides free materials
Automatic/Manual by-pass system in case of control equipment's failure
Surge protectors for the overvoltages instruments protection inside the panel
Microprocessor controller with touch screen interface
Class C type A differential magnetothermic main switch 300 mA with Icc > 10 kA
Astronomical clock with twilight probe option
Magnetothermic switches to protect the three-phase + neutral output lines based on the installed power
Internal temperature control device with fan intervention settable threshold
Heating device for internal humidity elimination (optional)

Functional features

FUNCTIONAL FEATURES
Operation with sodium vapor, mercury vapor, metal halide lamps and LED*
Gradual ignition with network peaks attenuation
Gradual re-ignition integrated system in case of accidental shutdown
Automatic/Manual by-pass system in case of control equipment's failure
Luminous flux reduction cycles programming
Time bands programming with adjustable flow values
Multivoltage static regulation system
Continuous control over the three phases
Remote control via alarms and consumption detection management kit (optional)
Monthly / yearly consumption and alarms report sending (optional)
Adjustable ignition and turning off ramps (voltage and time)

ELECTRICAL PANEL DIMENSIONS	W650 x H1150 x D350 mm	W850 x H1400 x D350 mm
3kW	X	
4kW	X	
6kW	X	
7,5kW	X	
9kW	X	
12kW	X	
15kW	X	
18kW		X
22kW		X
25kW		X
30kW		X
37kW		X

* : Varibox system in combination with dimmable LED lamps.

Remotely management

MARANO VICENTINO - ITALY

Operation

Applying to the cabinets the alarm and consumption management kit, it will be sent, via email, real-time alarm signals and '.csv' files with the monthly and annual consumptions recordings.

Alarms

1. "Low power". When the detected system power is lower than a set minimum threshold value.
2. "Low voltage". Through a programmable minimum threshold management you can detect the line's voltage fluctuation. If the fluctuation takes place during the controller's set voltage maximum reduction phase, the controller will switch to the upper step to ensure the line regular operation.
3. "Low battery". When the date chip buffer battery's voltage level drops below the minimum threshold value.
4. "Thermal trip". When the automatic recovery system has exhausted the number of reset attempts (number set up in the reset device) the line is no longer supplied, and then the alarm signaling is activated.
5. "Not enough space". If the available memory for the recording of monthly and annual consumption is no longer sufficient. The chosen programming requires that, every twelve months, data are overwritten and therefore this alarm has the goal to control that memory remains efficient.

The alarm signalings are sent via email to one or more addresses stored in the equipment.

Documentation

To offer to the system operator the ability to evaluate the line's efficiency, the controller, every month's first day, at evening ignition, send an email with a 'csv' file containing 28-31 lines (depending on months) with the detected daily consumption of active energy.
Every year's first day of January, always on the evening ignition, the cabinet will send, in addition to the previous month's consumption email, two other emails with the 'csv' files containing respectively:

- last year's consumption: 12 rows related to the last year's consumption, month by month;
- list of sent alarm signalings indicating the alarm's type (the conductor can choose to be informed of the alarm messages monthly or yearly).

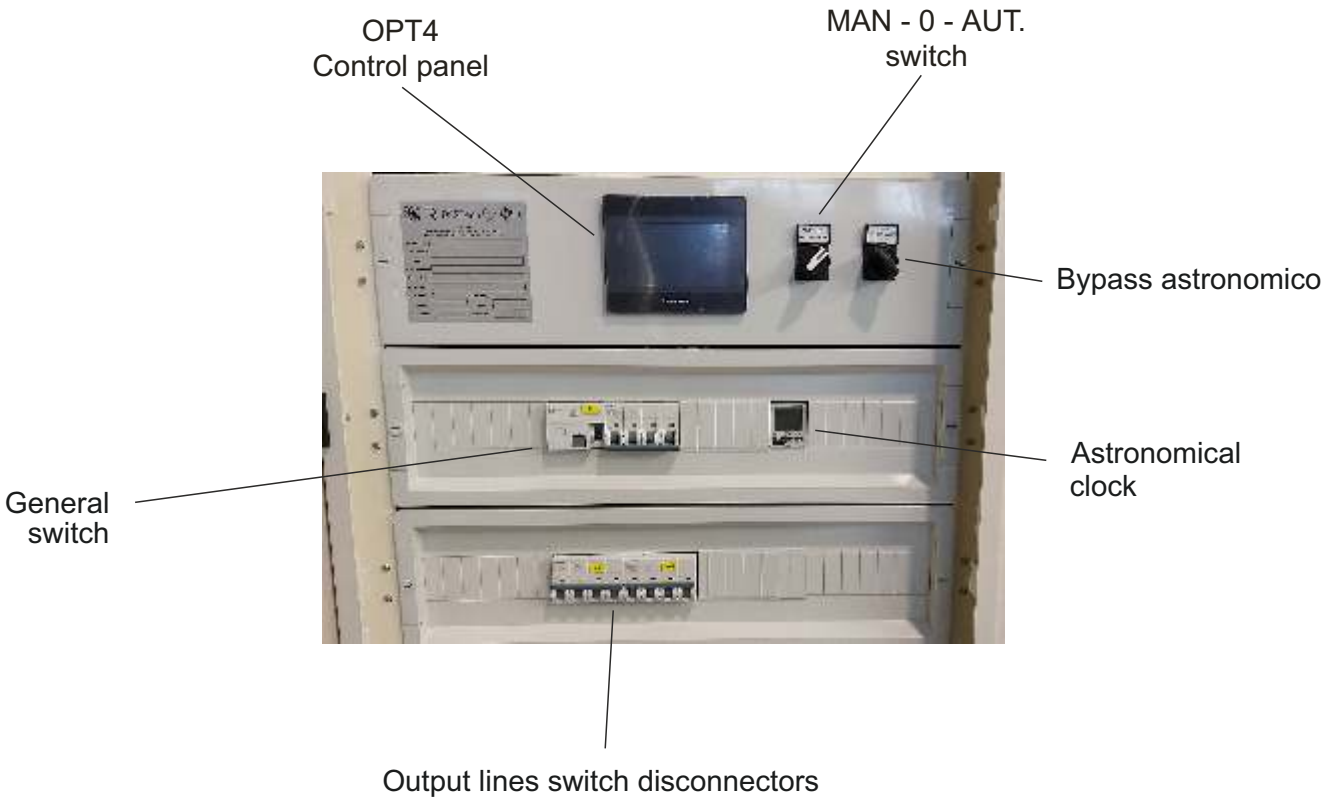
Remote management with VNC

Using VNC viewer you can remotely connect to the cabinet's operator panel. The link allows you to manage all the controller's offered features in addition to allowing the displaying of all electrical values, as it would be possible if you were physically working in front of the flow regulator.

Varibox enclosures

DRAGOMEL - SLOVENIA

The VARIBOX systems in public lighting



Single compartment EL series

DOMZALE - SLOVENIA

All the luminous flux regulator electrical and electronic equipment is housed in a polyester glass fiber box, suitable for harsh outdoor environments, provided with protection plinth and roof top.

Each component is fixed in the housing compartment on the bottom galvanized steel sheet, insulated from the live parts thanks to the main structure and to a series of front panels, made in insulating material, on some of which are frontally installed programming, security and control equipment.
The door with key lock adopts an airtight seal complies with IP65 standards.
The forced ventilation system is activated by an internal temperature sensor and maintains the inner environment in ideal climatic conditions even in particular areas and periods.
The light probe activates the system at dusk and turns automatically off at dawn.

Enclosures: models and measures

EL421 series

1050x550x350 mm

EL433 series

1150x650x350 mm

EL533 series

1400x850x350 mm

Products overview

EL421 series

Varibox code	Article		Dimensions
EL 421/2	Flux regulator enclosure	2KVA / 230Vac	940 x 580 x 330mm
EL 421/4	Flux regulator enclosure	4KVA / 230Vac	940 x 580 x 330mm
EL 421/6	Flux regulator enclosure	6KVA / 230Vac	940 x 580 x 330mm
EL 421/8	Flux regulator enclosure	8KVA / 230Vac	940 x 580 x 330mm

EL433 series

Varibox code	Article		Dimensions
EL 433/3	Flux regulator enclosure	3KVA / 3x400V + N	1150 x 650 x 350mm
EL 433/4	Flux regulator enclosure	4KVA / 3x400V + N	1150 x 650 x 350mm
EL 433/6	Flux regulator enclosure	6KVA / 3x400V + N	1150 x 650 x 350mm
EL 433/7,5	Flux regulator enclosure	7,5KVA / 3x400V + N	1150 x 650 x 350mm
EL 433/9	Flux regulator enclosure	9KVA / 3x400V + N	1150 x 650 x 350mm
EL 433/12	Flux regulator enclosure	12KVA / 3x400V + N	1150 x 650 x 350mm
EL 433/15	Flux regulator enclosure	15KVA / 3x400V + N	1150 x 650 x 350mm

EL533 series

Varibox code	Article		Dimensions
EL 533/18	Flux regulator enclosure	18KVA / 3x400V + N	1400 x 850 x 350mm
EL 533/22	Flux regulator enclosure	22KVA / 3x400V + N	1400 x 850 x 350mm
EL 533/25	Flux regulator enclosure	25KVA / 3x400V + N	1400 x 850 x 350mm
EL 533/30	Flux regulator enclosure	30KVA / 3x400V + N	1400 x 850 x 350mm
EL 533/37	Flux regulator enclosure	37KVA / 3x400V + N	1400 x 850 x 350mm

Double compartment EL series (with measures compartment)

MARANO VICENTINO - ITALY

All the luminous flux regulator electrical and electronic equipment is housed in a polyester glass fiber box, suitable for harsh outdoor environments, provided with protection plinth and roof top.

The enclosure is divided into two compartments:
1) upper compartment to place the energy meter. This compartment has an independent closure with its own removable key with and is equipped with an inner perimetral seal which complies with IP65 standards;
2**)** lower compartment for the power and control equipments. All flow regulator's electrical equipment are fixed on a bottom galvanized steel, insulated from the live parts thanks to a series of front panels, on some of which are frontally installed programming, security and control equipment.
Also this compartment has a door with an independent key lock, with a sealing system that complies with IP65 standards.

The inner forced ventilation system is activated by a temperature sensor that keeps the enclosure's environment in ideal climatic conditions even in particular areas and periods.
The detector light probe activates the system at dusk and turns automatically off at dawn.

Enclosures: models and measures

KIT EN500 series
H370xW580xD330mm

KIT EN750 series
H410xW650xD350mm

KIT EN1000 series
H410xW850xD350mm

Products Overview

EN500 KIT

Code	Article	Dimensions
KIT EN 500	Measures compartment kit for single-phase enclosures	H370 x W580 x D330mm

EN750 KIT

Code	Article	Dimensions
KIT EN 750	Measures compartment kit for three-phase enclosures up to 15 KVA	H410 x W650 x D350mm

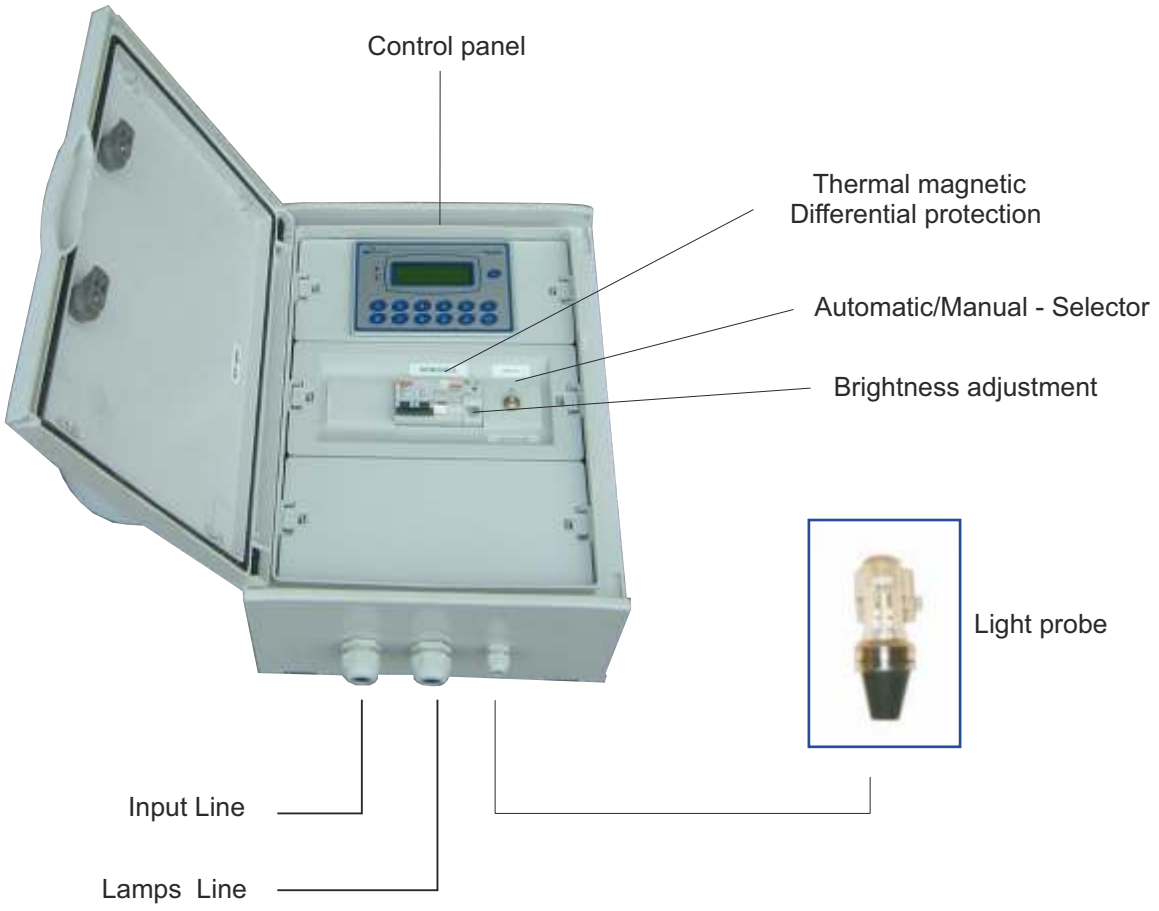
EN1000 KIT

Code	Article	Dimensions
KIT EN 1000	Measures compartment kit for three-phase enclosures over 15 KVA	H410 x W850 x D350mm

Pole mount CTBX 200 Controlbox

ZUGLIANO - VI - ITALY

Lampposts lines feeding box for public lighting

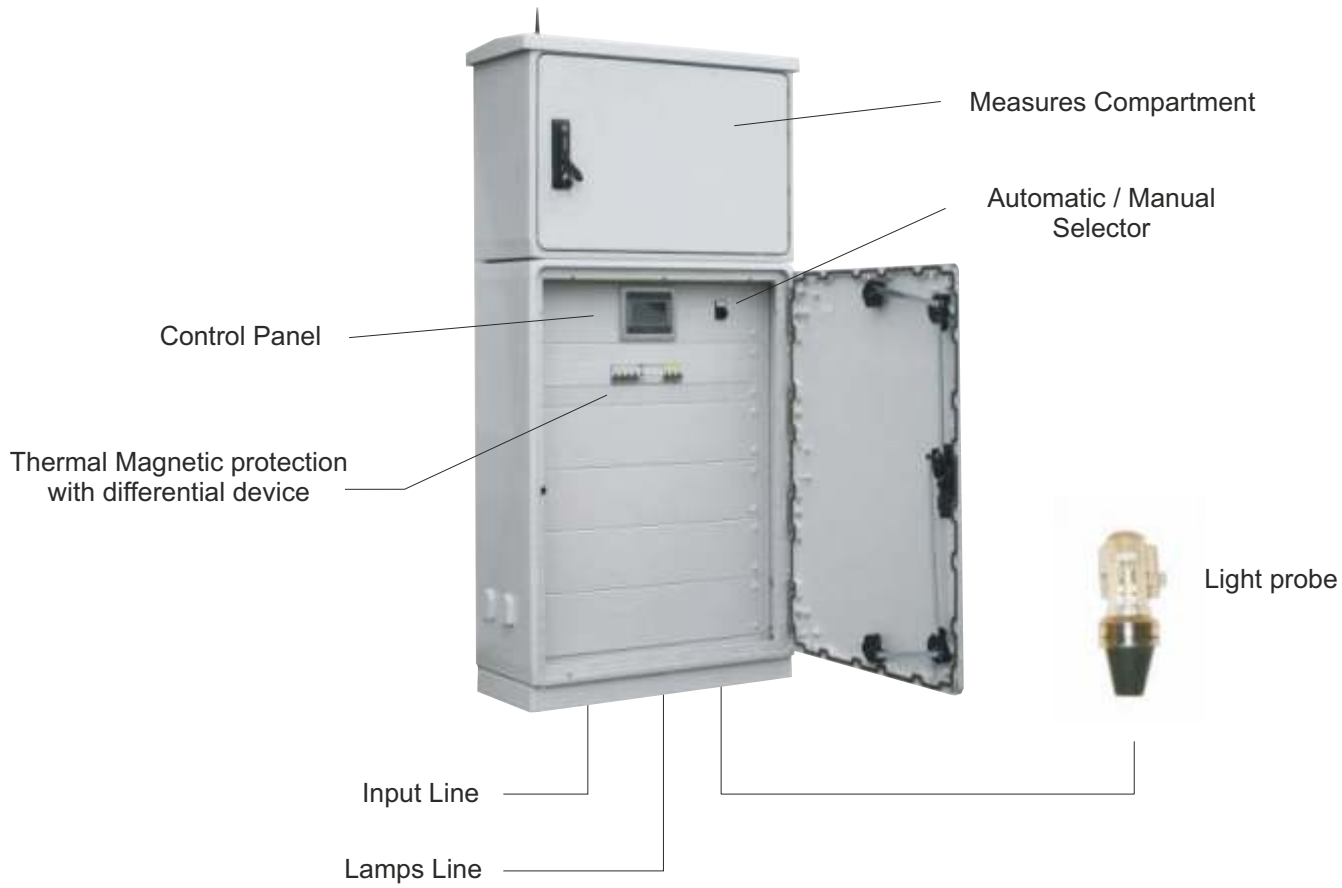


ACTBX 300 Controlbox enclosure

DOMZALE - SLOVENIA

Lampposts lines feeding enclosure for public lighting

- Operation with sodium vapor, mercury vapor, metal halide lamps and LED.
- Optional adding of alarms and consumption remote management kit.
- Various sizes available, depending on the power that must be managed.
- Available with measures compartment.



* : Controlbox system in combination with dimmable LED lamps.

ALSYVAR series electronic programmable ballast

DOMZALE - SLOVENIA

Vertical Mounting

DESCRIPTION

Electronic luminous flux regulator suitable to be used in public lighting.
The programmable electronic ballast is equipped with a microprocessor that automatically adjusts the lamp's operation according to the environmental light and the changing seasons thanks to an internal astronomical system.

It is mounted inside the streetlight door, away from heat sources, ensuring the module life's lengthening.

Possibility to regulate the luminous flux to adapt the night lighting according to the road's use conditions.
With the luminous flux reduction during the middle of the night you can get energy savings up to 60% if compared to the common ferromagnetic ballast management.

OPERATION

A central unit placed at the beginning (see CTBX and ACTBX series) of the line and controlled by a twilight probe enables at dusk and disables at dawn the road's, parking's and square's lighting.

The system can be used in new or existing lighting systems where sodium vapor lamps are installed.

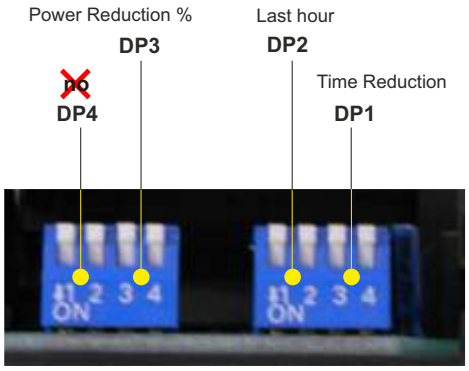
An hour before dawn, when urban traffic restarts, the system automatically brings the lamp at full brightness and than turns it off thanks to the twilight sensor.

OPERATING DIAGRAM

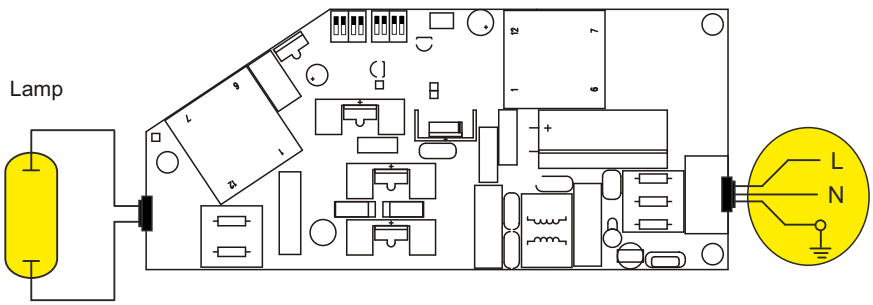
ALSYVAR series electronic programmable ballast

VITROLLES - FRANCE

PROGRAMMING



Double insulation (L - N) 4 KV



Vertical Mounting

TECHNICAL DATA

- Power supply from 190 Vac to 260 Vac/50Hz
- Reduced power consumption max = 60%
- Phase displacement with power factor cosφ= 0.99
- Night reduction time insertion
- Last hour programming with return to maximum power
- Consumption reduction = 0 - 20% - 40% - 60%

SYSTEM STRENGTHS

1 - Self-learning procedure during the first night
2 - Extension of lamp's life + 40%
3 - Instant start with hot lamp
4 - Reduction of maintenance costs
5 - Network independent stabilized power supply
6 - Removes ballast, starter, capacitor
7 - Very easy to install
8 - Constant power maintenance over time
9 - Thermostatically controlled and self-protected system
10 - Protection against network's peak
11 - System with built-in astronomical clock

PRODUCT RANGE

Model	Power	Lamp
ALSYVAR-70	70W	HPS70
ALSYVAR-100	100W	HPS100
ALSYVAR-150	150W	HPS150

MINIVAR series electronic programmable ballast

ROGNAC - FRANCE

DESCRIPTION

Electronic luminous flux regulator suitable to be used in public lighting.
The programmable electronic ballast is equipped with a microprocessor that automatically adjusts the lamp's operation according to the environmental light and the changing seasons thanks to an internal astronomical system.

The module is mounted in the lamp ceiling light; its thermostat constantly measures the inner ambient temperature and reduces the output power when it reaches the temperature threshold, preserving the module integrity .

Possibility to regulate the luminous flux to adapt the night lighting according to the road's use conditions.
With the luminous flux reduction during the middle of the night you can get energy savings up to 60% if compared to the common ferromagnetic ballast management.

OPERATION

A central unit placed at the beginning (see CTBX and ACTBX series) of the line and controlled by a twilight probe enables at dusk and disables at dawn the road's, parking's and square's lighting.

The system can be used in new or existing lighting systems where sodium vapor lamps are installed.

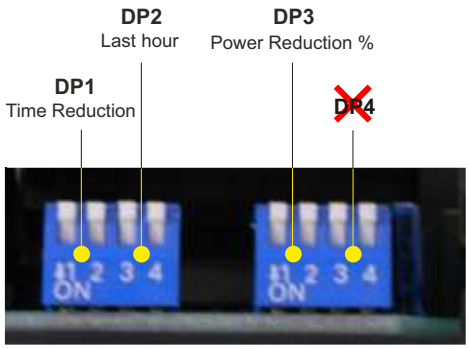
An hour before dawn, when urban traffic restarts, the system automatically
brings the lamp at full brightness and than turns it off thanks to the twilight sensor.

OPERATING DIAGRAM

MINIVAR series electronic programmable ballast

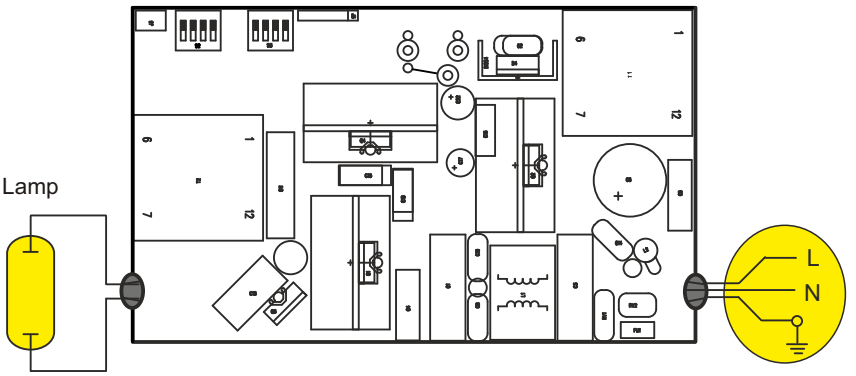
DOMZALE - SLOVENIA

PROGRAMMING



Programming

Double insulation (L - N) 4 KV



Power supply
230Vac

TECHNICAL DATA

- Power supply from 190 VAC to 260 VAC/50Hz
- Reduced power consumption max = 60%
- Phase displacement power factor cosφ= 0.99
- Entering hours night reduction
- Last hour programming with the return to maximum power
- Reduced consumption = 0 - 20% - 40% - 60%

SYSTEM STRENGTHS

1 - Self-learning procedure during the first night
2 - Extension of lamp's life + 40%
3 - Immediate start with hot lamp
4 - Reduction of maintenance costs
5 - Network independent stabilized power supply
6 - Remove ballast, starter, capacitor
7 - Very easy to install
8 - Constant power maintenance over time
9 - Thermostatically controlled and self-protected system
10 - Protection against network's peak
11 - System with built-in astronomical clock

PRODUCT RANGE

Model	Power	Lamp
ALSYVAR-70	70W	HPS70
ALSYVAR-100	100W	HPS100
ALSYVAR-150	150W	HPS150

ETL *LABORATORI DI PROVA*

DOC. EMC-REB150
DATA: 14.05.2009
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Allegati pagine da 23 a 48

RAPPORTO DI PROVA
TEST REPORT

N. **15.RA09** redatto il 14.05.2009

IDENTIFICAZIONE CLIENTE **Customer/Manufacturer Identification**	Rasotto s.n.c. Via dell'Artigianato, 3 36034 – Molina di Malo (Vicenza)	
RESPONSABILE PER IL CLIENTE Customer/Manufacturer Responsible	Sig. F. Rasotto	
APPARECCHIATURA SOTTO PROVA System under test	Tipo: Ballast elettronico per lampade al sodio ad alta pressione Modello: REB150 s.n.: campione di preserie	
	Appartenenti Famiglia di prodotto: REB150-REB100-REB70	
NORME DI PRODOTTO APPLICATE Product standards applied	EN 55015 (Limiti e metodi di misura delle caratteristiche di radiodisturbo degli apparecchi di illuminazione elettrici e degli apparecchi analoghi)	ed. 2006
	EN 61547+A1 (Apparecchiature per illuminazione generale – Prescrizioni di immunità EMC)	ed. 1995
	EN 61000-3-2 (Limiti di Emissione di Corrente armonica)	ed. 2006
	EN 61000-3-3+A1+A2(Limiti di Emiss.e Flutt. tensione / Flicker)	ed. 1995
NORME DI BASE APPLICATE Basic standards applied	EN 61000-4-2+A1+A2 (Immunità alle scariche elettrostatiche)	ed. 1995
	EN 61000-4-3 (Immunità ai campi EM a radiofrequenza irradiati)	ed. 2006
	EN 61000-4-4 (Immunità ai Fast Transient e Burst)	ed. 2004
	EN 61000-4-5 (Immunità al SURGE)	ed. 2006
	EN 61000-4-6 (Immunità condotta al campo indotto a RF)	ed. 2007
	EN 61000-4-8+A1 (Immunità al campo magnetico a 50 Hz)	ed. 1993
	EN 61000-4-11 (Immunità a interruzioni e buchi di tensione)	ed. 2004
DOCUMENTI DI RIFERIMENTO Reference documents	**Piano di Prova per la marcatura CE** Il Piano delle Verifiche è stato concordato con il cliente in base agli attuali requisiti di marcatura e alle specifiche richieste del prodotto.	
SCOPO DELLE PROVE Nature of Testing	Qualificazione del prodotto a scopo marcatura C E s econdo i requisiti della Direttiva di prodotto 24/108/EEC (Compatibilità Elettromagnetica)	
DATA INIZIO PROVE Start test date	24.04.2009	
DATA FINE PROVE End test date	08.05.2009	
DATI LABORATORIO DI PROVA Test Facility Identification	ETL Laboratorio di Prova s.r.l. Via Lisbona, 28 - 35 127 Padova (Italy) Tel. 049 8705412 Fax. 049 8708513	
RESPONSABILE DELLE PROVE Test manager	Ing. V. Gobbi signature	
VERIFICATORE Inspection manager	Ing. M. Salmaso signature	

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SOMMARIO

CODICE PROVA	NOME PROVA	SPECIFICHE STANDARD	LIMITE - CLASSE CRITERIO ACC.	RISULTATO PROVA
T1.1	**Emissione dei disturbi irradiati**	**CEI EN 55015: 2008** Limiti e metodi di misura delle caratteristiche di radiodisturbo degli apparecchi di illuminazione elettrici e degli apparecchi analoghi	EN 55015 Criterio 1	Conforme
T1.2	**Emissione dei disturbi Condotti**	**CEI EN 55015: 2008** Limiti e metodi di misura delle caratteristiche di radiodisturbo egli apparecchi dii illuminazione elettrici e degldi apparecchi analoghi	EN 55015 Criterio 1	Conforme
T1.3	**Emissione di corrente armonica**	**EN61000-3-2: 2006** Compatibilità elettromagnetica (EMC) Parte 3-2: Limiti - Limiti per le emissioni d i corrente armonica (apparecchiature con corrente di ingresso <= 16 A per fase).	Limite Classe C	Conforme
T1.4	**Emissione: fluttuazioni di tensione e di flicker**	**EN61000-3-3:1995+A1:2001+A2:2005** Compatibilità elettromagnetica (EMC) Parte 3-3: Limiti - Limitazione delle fluttuazioni di tensione e del flicker nei sistemi di alimentazione in bassa tensione per apparecchiature con corrente nominale <= 16 A e non soggette ad allacciamento su condizione.	Pst, Plt, dc, dmax, dt	Conforme
T1.5	**Immunità alle Scariche Elettrostatiche**	**EN61000-4-2:1995+A1:1998+A2:2001** Compatibilità elettromagnetica (EMC) – Parte 4: Tecniche di prova e di misura Sezione 2: Prove di immunità a scarica elettrostatica.	Livello 2, 3 (CD) Livello 3 (AD) Criterio B	Conforme
T1.6	**Immunità irradiata**	**EN 61000 - 4-3+A1: 2006** Compatibilità elettromagnetica (EMC) – Parte 4: Tecniche di prova e di misura Sezione 3: Prove di immunità al campo elettromagnetico irradiato a radio frequenza.	Level 2 Criterio A	Conforme
T1.7	**Immunità ai Transitori veloci/ Bursts**	**EN 61000-4-4: 2004** Compatibili tà elettromagnetica (EMC) – Parte 4.4: Tecniche di prova e di misura. Prove di immunità a transitori/raffiche di impulsi elettrici veloci.	Livello 2 Criterio B	Conforme
T1.8	**Immunità all' impulso ad alta energia / SURGE**	**EN 61000-4-5: 2006** Compatibilità elettromagnetica (EMC). Parte 4-5: Tecniche di prova e di misura - Prova di immunità ad impulso	Livelli 2, 3 Criterio B	Conforme
T1.9	**Immunità ai disturbi condotti a radiofrequenza**	**EN 61000-4-6: 2007** - Compatibilità elettromagnetica (EMC). Parte 4-6: Tecniche d i prova e di misura - Immunità ai disturbi condotti, indotti da campi a radiofrequenza	Livello 2 Criterio A	Conforme
T1.10	**Immunità al campo magnetico a 50 Hz**	**EN 61000-4-8:1993+A1:2001** Compatibilità elettromagnetica (EMC) – Part 4: Tecniche di prova e di misura Sezione 8: Prove di immunità al campo magnetico a 50 Hz	Level 2 3 A/m Criterio A	Conforme
T1.11	**Immunità alle microinterruzioni e variazioni di tensione**	**EN61000-4-11:2004** Compatibilità elettromagnetica (EMC). Parte 4- 11: Tecniche di prova e di misura - Prove di immunità a buchi di tensione, brevi interruzioni e variazioni di tensione	-100% @ 0.5 periodi -30% @ 10 periodi Criterio C	Conforme

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NORME ARMONIZZATE PER LA MARCATURA CE

Le norme sotto indicate nella versione armonizzata italiana CEI, permettono di applicare il criterio di "presunzione di Conformità" alle direttive europee relativamente ai requisisti minimi di Compatibilità Elettromagnetica.

COMPATIBILITA' ELETTROMAGNETICA

CEI EN 55015: 2008
Limiti e metodi di misura delle caratteristiche di radiodisturbo degli apparecchi di illuminazione elettrici e degli apparecchi analoghi

CEI EN 61547+A1: 1996
Apparecchiature per illuminazione generale – Prescrizioni di immunità EMC

CEI EN 61000-3-2: 2007
Compatibilità elettromagnetica (EMC) - Parte 3: Limiti - Sezione 2: Limiti per le emissioni di corrente armonica (apparecchiature con corrente di ingresso ≤16 A per fase).

CEI EN 61000-3-3:1997+A1:2002+A2/ISI:2006
Compatibilità elettromagnetica (EMC) - Parte 3: Limiti - Sezione 3: Limitazione delle fluttuazioni di tensione e del flicker in sistemi di alimentazione in bassa tensione per apparecchiature con corrente nominale <16 A e non soggette ad allacciamento su condizione.

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www.iqnet-certification.com

ICIM

CERTIFICATO N. / *CERTIFICATE No.* 3143/6

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

DSSTECH SRL

UNITÀ OPERATIVA / *OPERATIVE UNIT*

Via dell'Artigianato, 3 - 36034 Malo (VI)
Italia

È CONFORME ALLA NORMA / *IS IN COMPLIANCE WITH THE STANDARD*

UNI EN ISO 9001:2015

Sistema di Gestione per la Qualità / *Quality Management System*

PER LE SEGUENTI ATTIVITÀ / *FOR THE FOLLOWING ACTIVITIES*

EA: 19

Progettazione, produzione e assistenza di apparecchiature per l'automazione industriale integrata e per la domotica.

Design, production and assistance for integrated industrial automation appliances and home automation devices.

Riferirsi alla documentazione del Sistema di Gestione per la Qualità aziendale per l'applicabilità dei requisiti della norma di riferimento.
Refer to the documentation of the Quality Management System for details of application to reference standard requirements.

Il presente certificato è soggetto al rispetto del documento ICIM "Regolamento per la certificazione dei sistemi di gestione" e al relativo Scheme specifico.
The use and the validity of this certificate shall satisfy the requirements of the ICIM document "Rules for the certification of company management systems" and specific Scheme.

Per informazioni puntuali e aggiornate circa eventuali variazioni intervenute nello stato della certificazione di cui al presente certificato, si prega di contattare il n° telefonico +39 02 725341 o indirizzo e-mail info@icim.it.
For timely and updated information about any changes in the certification status referred to in this certificate, please contact the number +39 02 725341 or email address info@icim.it.

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SQG N° 004 A

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