



DATA[®]
ELECTRIC

Power & Electrical Systems

Since
1979
More Than Thirty
Years Of Experience

ABB

 **orieme**

 **imequadri duestelle** spa

Elcontrol[®]
energy net



ISO 9001:2008
OHSAS 18001:2007

info@data-electric.com
www.data-electric.com

Certificate of Registration

QUALITY MANAGEMENT SYSTEM

DATA – ELECTRIC & POWER SYSTEMS

**NEW BOURG EL ARAB BLOCK 32 & 33
4TH INDUSTRIAL ZONE - ALEXANDRIA - EGYPT**

Scope

**MANUFACTURING & ASSEMBLING
OF LOW VOLTAGE SWITCHGEAR**

This is to certify that the Quality Management System of the above mentioned Company meets the requirement of

ISO 9001:2008

MSE : 25551012

27 Oct 2012

Certificate Number

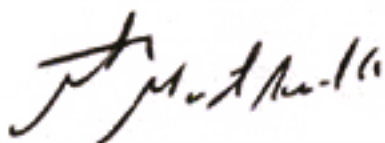
Date of Initial Registration

27 Oct 2012

26 Oct 2013

Date of Last Issue

Date of Expiry



Signed on behalf of OSs certification Services Pvt Ltd.



OSS CERTIFICATION SERVICES PVT. LTD.

WWW.OSSCERTIFICATION.COM

ACCREDITATION BY THE JOINT ACCREDITATION SYSTEM OF AUSTRALIA AND NEW ZEALAND

WWW.JAS-ANZ.COM.AU



CERTIFICATE

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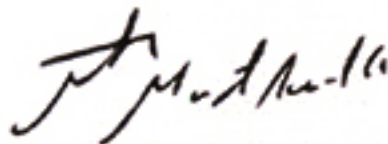
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CERTIFICATE

Of Authenticity

ABB

ARAB (EGARC)

(Low Voltage Products)

Here by certifies that the COMPANY

Data-Electric

140-126, Port Said St. Al-Ibrahemia 21 Hossen Ramadan

Alexandria

Is an

Authorized Panel Assembler

Of Main & Sub-main LV panels

(Triline-Unikit-Mirage-Protecta-Minicenter-Powerpack-
ECO-Comby-Housemaster compact)

Using

ABB Low Voltage Products

This certificate is valid up to 31st of December 2012

LV Sales & Marketing Manager

19/12/2012
Eng. Ahmed El-Saeed



Certificate

TTA partner

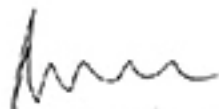
the company

Data Electric & Power Systems

Alexandria

has participated in the works seminar on laws, DIN VDE standards and system technology at Striebel & John, and as a switchgear manufacturer and TTA partner is authorised to use Striebel & John type-tested system components to independently design and manufacture type-tested low-voltage switching device combinations in accordance with DIN EN 60439-1, following the assembly instructions provided.

Sasbach, the ^{06th} of September 2007



Markus Ochsner
Director



Gary Scardifield
Export Manager



Striebel & John
A MEMBER OF THE ABB GROUP



جمهورية مصر العربية
وزارة التجارة والصناعة
غرفة الصناعات الهندسية
اتحاد الصناعات المصرية

شهادة عضوية

تشهد غرفة الصناعات الهندسية بأن المنشأة الصناعية :

دانا لانظمة الكهرباء والقوى - احمد محمد عبدالرحمن حجازى

عنوانها : برج العرب الجديدة في ١٣.١٣ بلوك ٢٣ المنطقة الصناعية الرابعة الاسكندرية

مسجلة بعضوية الغرفة برقم: ٣٠٣٤

حررت هذه الشهادة تطبيقاً للقرار الوزارى رقم ٤٣٧ لسنة ١٩٩٢ بناءً على طلب المنشأة.

نائب المدير العام



نتهى فى:

٢٠١٣/٦/٣٠

مرفر الشهادة: ٤٣٧

National Organization

For Potable Water & Sanitary Drainage

Administration of Testing & Industry Supervision

الهيئة القومية

لمياه الشرب والصرف الصحي

إدارة الاختبارات والرقابة على الصناعة

ساري
حتى ١٠ / ١١ / ٢٠١١

شهادة اعتماد منشأة إنتاجية

رقم (/ مجموعة) الشركات المنتجة للوحدات الكهربائية ضغط منخفض ومتوسط

اسم المنشأة : داتا لانظمة الكهرباء والقوى
عنوان الادارة : ١٤٠ ش بورسعيد - الابراهيمية - شرق اسكندرية
عنوان المصنع : قطعة ١٢ ، بلوك ٢٣ م ص الرابعة برج العرب
السجل التجاري : ٤٧٩٠٠ مكتب سجل تجارى : شرق اسكندرية محافظة : الاسكندرية
بعض رقم تسجيل ضريبي : ٢٤٤٠٩٢٠٥٩٣ مأمورية : شرق اون محافظة : الاسكندرية
شهادة عضوية وزارة الصناعة رقم : ٣٠٢٤ سنة الإصدار : ٢٠١٠ نوعية الصناعة : هندسية
رخصة : (مؤقتة) ملف رقم : ٧٢٠ (مدينة) : برج العرب محافظة : الاسكندرية
أهم المنتجات المعتمدة لدى الهيئة : - تلميح -
١- لوحات الجهد المنخفض والكترول وترايزات التشغيل والتميك

- طبقا للمواصفات القياسية المصرية والعالمية
- يتم الالتزام بتعليمات الادارة والموصف خلفه وفي حال مخالفتها يعتبر لاقم
- شهادة الاعتماد لا يعمل بها كبدل عن شهادات الاختبار التي تصدر لكل امر توريد على حده

المشرف العام
المهندس /
علاء السيد
صالح مكي / هـ / ١١ / ٢٠١١
ساري حتى / ١٠ / ٢٠١١
١١/٧/٢٠١١

ABOUT US

Since established in 1979, **Data-Electric** based on commitment to excellence and quality has grown continuously to enjoy leader status in power management technology in Egyptian Market and the Middle East

We are in the field of marketing and supplying Electromechanical components plus design and assembly distribution & control panels also Electromechanical designing & engineering for many Petroleum, Petrochemicals, Gas, Oil, Steel, Cement, Fertilization factories in Egypt. Also supplying **M.V switchgear** by IME Italy, and **Network Analyzer** (tests & solutions), Finally **Earthing** (**System** Tests & Solutions & Installation)

Data-Electric holds Quality Management System certificate **ISO 9001** & Occupational Health and Safety Management System **OHSAS 18001**

Companies with a vision to create products to match industry standards and meet customer requirements, That is why data electric has become a pioneer power solution provider

Having gained our customers confidence and based on our keenness to fulfill all the need of our customers in the electricity field **Data-Electric** established its department for electrical installations and maintenance building systems

Due to the progressive nature of our company data electric is now on of countries leading provider of electrical security safety & electrical Systems to businesses government & education

Customer service, the highest standards of work, quality, and integrity are the cornerstones of **Data-Electric** philosophy, this is why we are chosen by public bodies, local authorities, contractors, private companies alike

OUR SERVICES

Design & Test of **EARTHING SYSTEM** for all projects

Design & Test of Energy (Power Quality) using **Digital Energy Analyzer**

Recommendation for **Ventilation System**

Technical Support & Design for **Low Voltage Switchgear**



Authorized Panel Assembly
Low Voltage Switchgear



Digital Energy Analyzer



Sole Agent (Egypt – Sudan – Libya)
Medium Voltage Switchgear



Ventilation System Sole Agent (Egypt)

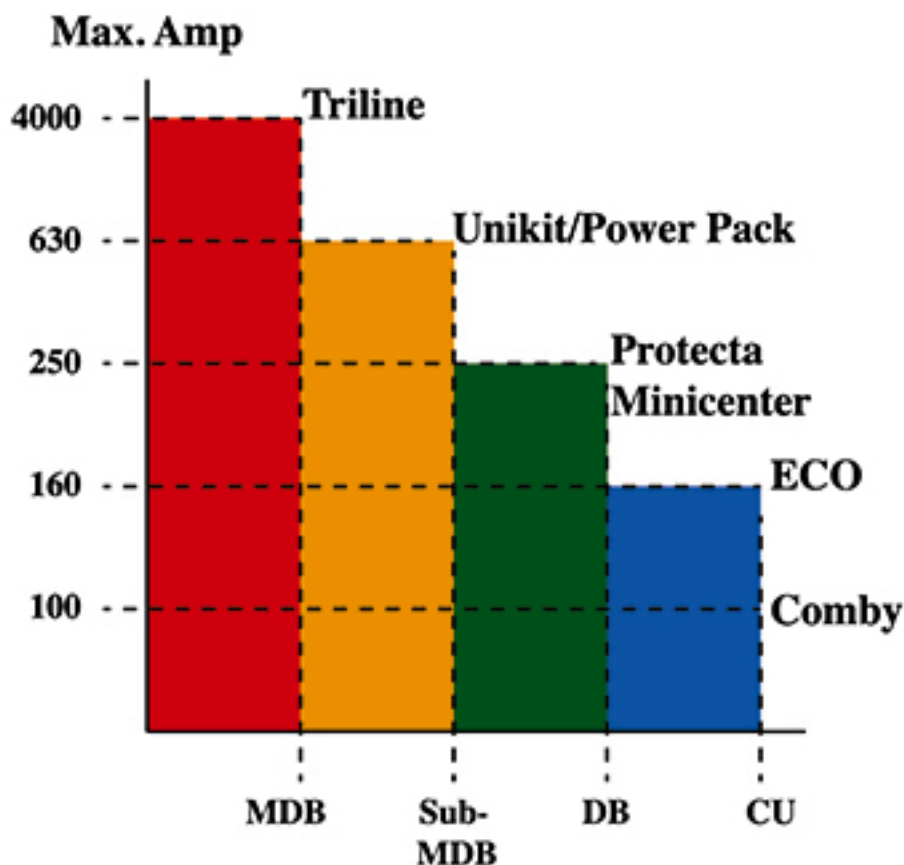


Special Cables Sole Agent (Egypt)



Authorized Panel Assembler

- Automatic Transfer Switch (A.T.S)
- Synchronization Panels
- Motor Control Center (M.C.C)
- Phase Sequence Correction
- Power Factor Correction (P.F.C)
- Harmonics Filter Panels
- Heating & Ventilation and Air Conditioning Boards (HVAC)



TRILINE

- Flat busbars up to 4000 A (4x60x10 mm per pole)
- Rated peak withstand current (I_{pk} 0.1 sec) up to 220 kA
- Rated short-time withstand current (I_{pk} 1.0 sec) up to 100 kA
- In compliance with IEC 60439-1, TTA



UNIKIT

Technical Details:

Standard (Regulations)	: IEC 1-439/EN 1-60439/BS EN 3&1-60439
Max. load	
Wall mounted (UNIKIT 250)	: (150 A
Free standing (UNIKIT 630)	: (250 A
Max. voltage	: 400V ac, 60/50 Hz
Rated insulation voltage Ui	: 1000 V AC
Rated operational voltage Ue	: 690 V AC
Degree of protection	: IP 30 without Door IP 41 with Door
Colour	: RAL 7035 (1013 available on request) Rated short time withstand current: 35 KA
Enclosure material	: Cold rolled sheet steel 1.5 mm (Aluzinc steel on request)



PROTECTA



Technical Data

Standard	: IEC 3 -439 & BS 60439 part 3 & 1
Single row type	
Range	: 18 , 13 , 9 , 6 and 22 Modules
Multi row type	
Max. load	: 100 amps
Max. voltage	: 400 / 230 V ac, 60 / 50 Hz
Range	: 64 , 48 , 32 , 16 and 80 modules 4 , 3 , 2 , 1 and 5 rows
Busbar type	
Max. load	: 250 amps
Max. voltage	: 400 / 230 V ac, 60 / 50 Hz
Range	: 20 , 16 , 12 , 8 , 6 , 4 and 24 TP&N ways 60 , 48 , 36 , 24 , 18 , 12 and 72 SP&N ways
Degree of protection	: IP 41, pan assemblies IP 20
Enclosure material	: Cold rolled sheet steel Box and cover 1 mm (Aluzinc steel on request)
Enclosure finish	: Gray, RAL 7035
Fault level	: 35 kA

MINI CENTER

Technical Data

Standard : IEC 3 -439 & BS 60439 part 3 & 1

Multi row type

Max. load : 100 amps
Max. voltage : 400 / 230 V ac, 60 / 50 Hz
Range : 64 ,48 ,32 ,20 and 80 modules
4 ,3 ,2 ,1 and 5 rows

Busbar type

Max. load : 160 amps
Available in 250 amps on request
Max. voltage : 400 / 230 V ac, 60 / 50 Hz
Range : 12 ,8 ,6 ,4 and 16 TP&N ways
36 ,24 ,18 ,12 and 48 SP&N ways

Degree of protection : IP 41, pan assemblies IP 20

Enclosure material : Cold rolled sheet steel
Box and cover 1 mm
(Aluzinc steel on request)

Enclosure finish : Gray, RAL 7035

Fault level : 35 kA



COMBY



Technical Data

Standard : IEC 1-439 & BS 1-60439
Max. load : 100 amps
Max. voltage : 230 V ac, 50 Hz
Range : 7,10,16 and 20 modules
Degree of protection : IP 30
Enclosure material : Cold rolled sheet steel
Box and cover 1 mm
(Aluzinc steel on request)
Enclosure finish : Gray, RAL 7035



imequadri duestelle spa

ime

Medium voltage metal enclosed switchboards with SF6 insulated LBS

MINIBLOC-6

with internal arc proof max 16 kA

$U_r = \text{max } 24 \text{ kV}$

$I_r = 400\text{-}630 \text{ A}$

$I_k = 12,5\text{-}16\text{-}25 \text{ kA}$





imequadri duestelle spa

ime

metal enclosed Medium Voltage switchboards

Rotobloc

$U_r = \text{max } 36 \text{ kV}$
 $I_r = \text{max } 1250 \text{ A}$
 $I_k = \text{max } 25 \text{ kA}$

Arcobloc

internal arc proof
 $U_r = \text{max } 24 \text{ kV}$
 $I_r = \text{max } 1250 \text{ A}$
 $I_k = \text{max } 25 \text{ kA}$





imequadri duestelle spa

ime

L.V. distribution switchboards

power center polimeta

I_{cc} sino 100 kA x 1 sec.

I_{cc} up to 100 kA

internal arcing proof type up to 65 kA for 0,5 sec.





imequadri duestelle spa

ime

mcc switchboards with removable drawers

motor control center
multicontrol





Power Factor Correction

- Compensation of Harmonics
- Maximum Demand and Time Control
- Cost Center Allocation
- System Visualization and Mains Analysis



TOTAL MODULAR POLYESTER CONSTRUCTION **MAXIPOL System**



HES

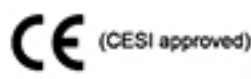
THE ENCLOSURES COMPANY

elcontrol[®]

energy net

VIP SYSTEM3 - Digital energy analyzers

For unbalanced three-phase systems



Volt
Amp
P.F., cos ϕ
kW
kVA
kvar
Average power
Maximum power
Hz
Distortion
kWh
kvarh

82 instruments in 1

Design & Test of Energy (Power Quality) using

- Measurements in AC and DC
- Built-in printer for measurements, alarms and microinterruptions
- Graphic representation of measurements
- 2 relay alarm outputs
- RS232 output
- High accuracy (class 0,5)
- Automatic measurement CAMPAIGNS programmed and stored on MEMORY PACK
- Expandable to other measuring functions using special BLACK BOXES

GENERAL SPECIFICATIONS

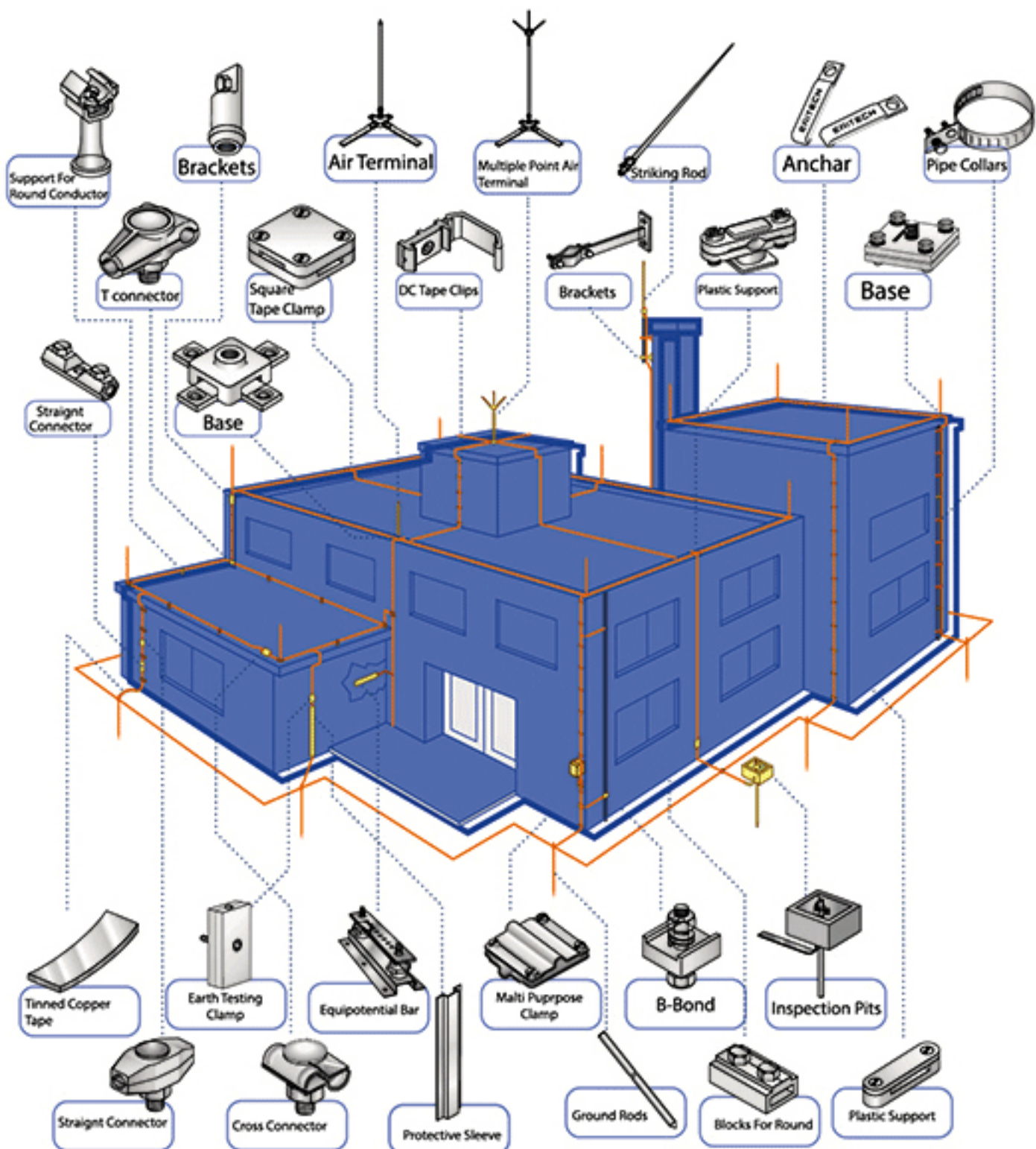
- Inputs
Voltages L1 - L2 - L3 - N: 600 Volt AC between phase and neutral at 20 + 1000 Hz; or 600 Volt CC.
Currents L1 - L2 - L3: 1 Volt AC at 20 + 1000 Hz; or 1 Volt CC
Auxiliary: AUX 1V/1mA
- Overload of voltage inputs: Max 720 Vrms - Surge voltage 1200 Volt (a cut-out is tripped at 720 Vrms)
- Overload of current inputs: 5 times full scale value (with cut-out tripped at limit values)
- Number of scales: 4 voltage scales 4 current scales
- Automatic scale change
- Scale change response time: 1 sec.
- Relay outputs: 2 - Type A - Contacts for 30 Volt / 0,5 A / 10 W
- Instrument dimensions: 240 x 220 x 115 mm.
- Weight 2.250 Kg.
- Ambient temperature range: +5°C +40°C
- Safety reference standards: IEC 348, VDE 411 class 2, for operating voltages -650 VAC rms, IEC 1010-1, EN 61010-1, 600V.
- EMC reference standards: EN 50081-1, EN 50082-1, EN 55022.

POWER SUPPLY

- Mains: 230 \pm 10% at 50 Hz or 60 Hz
- Internal: Rechargeable Ni-Cd battery

ERICO[®]

Electrical Protection Products





Aria

Recommendation for **Ventilation System**



ABB
Low Voltage AC Drive

Installation Programming



Flexible and solid wires for alarm systems

Telephone cable for indoor and outdoor use - TESS / TESA / TEHPET

PTT / SYT2 / 1+ Telephone cable for indoor and outdoor use - SYT

Cables for video surveillance systems

Shielded electronics control LiYCY cable, laid up in layers or by pairs

Flexible control cable and LiYY-JZ/-OZ LiYY-DIN

(Computer-and data cable for local area networks (LAN

Loud speaker cable

Coaxial cable for data transmission and radiofrequency

Coaxial cable systems for satellite receiver

Solar photovoltaic systems for Cables

Flat cable for lift systems

High temperature silicone rubber and wires in silicone rubber + fiberglass braid



For Power & Electrical Systems



ISO 9001:2008
OHSAS 18001:2007

Showrooms : 126 Port Saied St., Ibrahymia-Alexandria - EGYPT.

Tel&Fax : +203 592 25 56

Showrooms : 140 Port Saied St., Ibrahymia-Alexandria - EGYPT.

Tel&Fax : +203 591 91 01 - 592 80 04 - 590 48 21

Factoy : Zone 4 New Burg El-arab City-Alexandria - EGYPT.

Tel&Fax : +203 459 44 45 - 459 55 05 Mob.: +20100 252 90 95

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