



LOW VOLTAGE



www.tu-egy.com



ABOUT TEBA UNITED GROUP

Since **TEBA UNITED GROUP** started as a manufacturer of electrical panels in Egypt almost 34 years ago, It has evolved to an intergraded energy solutions. We operate in three key business sectors: TEBA UNITED integrated industries, Energy products and solutions and Engineering & contracting services. Our experience has enabled us to deliver even the most complex products and services on time and granted quality. We are pioneers in

the locally manufactured and assembled electrical distribution equipment's (Low and medium voltage panels, generators, LED lighting, earthing and lighting) aside of the EPC solutions and services we provide, we are success partner with SCHNEIDER ELECTRIC for Low voltage panels, ITALCOND for Special Cables, AVENGER for Fire Alarm and (HARGER, AMPER) for Earthing & lightning system.



+600
HAPPY
CUSTOMERS



+4
PRODUCTION
FACILITIES



+34
YEAR OF
EXPERIENCES



+1000
EMPLOYEES



+7000
PROJECTS



+650
PRODUCT
APPROVALS



+680
OPERATIONS AND
MAINTENANCE

BUSINESS SECTORS

TU



**TEAB UNITED
INTEGRATED
INDUSTRIES**



**LOW
VOLTAGE
PANELS**



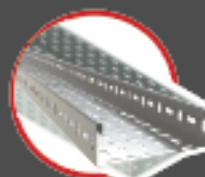
**MEDIUM
VOLTAGE
SOLUTIONS**



**TU
EARTHING
& LIGHTNING**



GENERATORS



CABLE TRAY



LIGHTING



**ENERGY PRODUCTS
& SOLUTIONS**



**EARTHING &
LIGHTNING**



**FIRE
ALARM**



**SPECIAL
CABLES**



**ENGINEERING
& CONTRACTING**



ELECTRICAL



MECHANICAL



**ENGINEERING
SERVICES**



CIVIL

LOW VOLTAGE



- TEBA UNITED made more deals with SCHNEIDER ELECTRIC and gained SCHNEIDER ELECTRIC'S PRISMA, DISBO, SPACIAL partnerships, and becoming a fully certified system panel builder, TEBA UNITED offers durable, sustainable and diverse low voltage distribution solutions rated up to 1,000 volts.
- Our manufacturing facility produces several types of panels: PRISMA IPM, DISBO, SPACIAL and TU panels.
- TEBA UNITED provides SCHNEIDER'S product solution achieving the highest level of quality, durability and reliability, and complies with IEC - 61439 standard.



LOW VOLTAGE PRODUCTS:

The Manufacturing Facility Produces Several Types Of Panels :

TEBA UNITED is a Schneider Electric certified Prisma Panel builder. We provide all Schneider Electric Panel products & Services that cover Design, Install, Consult, troubleshoot, Selectivity and short circuit studies.



PRISMA IPM up to 4000A



DISBO up to 250A .



SPACIAL up to 6300A



TU up to 6300A.



PRODUCT FEATURES:

- Our assemblies as per IEC standard 61439
 - Rated Current Up to 6300 A
 - Copper Bus Bars of High Purity Red Copper Which Calculated by The Appropriate Section of the Value of the Transferred Power
 - Designed for All Types of Control Such as ATS, 1 Out of 2, 2 Out of 3.
 - Top and Bottom Cable Entry.
-
- Panels for Front or Rear Access to Suit Application
 - Index of Protection: IP 31 & IP 4X & IP 5X & IP 65
 - Floor & wall Mounting
 - Maximum Safety & Reliability
 - Modular System With Customized Design to Meet End User Requirements.
 - Cabling Space for Easy Connections





ATS PANELS :

Up to 6300 A

Protection degree IP 54

Comply with IEC 61439-1

SUB PANELS:

- Compliant with IEC standard 61439-1
- Current rating upto 3200A
- Index of protection: IP 41 & IP 54 & IP 55
- Sheet Steel thickness 1.5 - 2 mm per the client
- request coated with Electrostatic powder.

POWER FACTOR CORRECTION:

- Rated upto 900 kVAR
- Power factor by multi step design
- Standard & detuned banks
- Capacitors are Self-healing, pressure sensitive
- disconnecter & fitted with discharge resistors
- Power factor with various switching sequences
- Easy installation & maintenance.





LIGHTING PANEL:

- Feeder pillar or fuse box up to IP54 (Galvanized/electrostatic sheet steel)
- Lighting panels up to IP4X (wall or flushed) 10 - 52 Ways.

MOTOR CONTROL CENTER PANELS:

- Power up to 400 KW
- Rated operating voltage upto 400V
- Control using VFD, Soft starter & DOL, Star delta (PLC or Control)
- Panels for front or rear access to suit application
- Index of protection : IP 42 & IP 54
- Floor or wall mounting
- Maximum & reliability
- Modular with Customized design to meet end user requirements.



AUTOMATION PANELS:

- PLC
- HMI
- Scada System
- Telemetry solution
- Power monitoring & control inverters & soft starters



SYNCHRONIZATION PANEL:

- 3-pole or 4-pole system as required
- Various combinations of load transfer by ACBs, MCCBs or
- Contactors
- Protection class up to IP 54
- Load sharing/load shedding
- Automatic and manual synchronizing
- Ratings up to 6300A



INTEGRATED ENERGY SOLUTIONS

0.2425





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