

# About Us

BETA(BE) Electric is one of the biggest manufacturer of all type of Metal Enclosures, LV Switchgear and its components such as: MCB, MCCB, ACB, LV CONTACTORS and relays, RCCB, LV current transformers etc., with local activities in both Egypt and Turkey. We give 2 years' guarantee for our products, which are produced as per IEC/EN standards.

The “Beta Electric” range of products is identified by a wide variety of basic specifications and global requirements by offering a complete range of products and low voltage solutions for residential, commercial and industrial projects.

This comprehensive range of premium products offered by “Beta Electric” is manufactured according to the best value, taking the International Standards into consideration and has never been neutral about them, which led to the solid conviction and satisfaction of our clients.

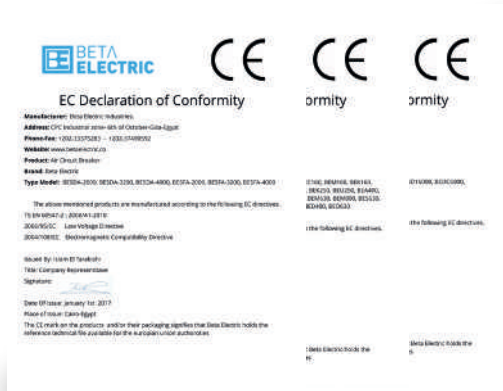
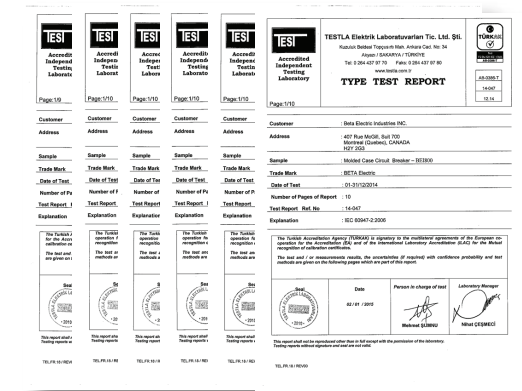
By concentrating on the market growth, “Beta Electric” has implemented a variety of standards and technologies to keep bound with the internal and external changes in the business environment, as well as building strong foundations for further growth to achieve a World-Class quality production. All working procedures integrated stages from design, testing, throughout production & quality, to marketing and after-selling services are implemented with the guarantee of ISO 9001.

All products are being manufactured in according to their International Standards such as IEC, EN.

The company always commits to obtain the testing certifications for all products through internationally approved laboratories.

"Beta Electric" where the quality comes first..

We pursue to become a Leading & Significant Brand.



[www.betaelectric.co](http://www.betaelectric.co)



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**LV SWITCHGEAR,  
POWER DISTRIBUTION,  
CONTROL AND  
MEASUREMENT EQUIPMENTS**



[www.betaelectric.co](http://www.betaelectric.co)



## Products



### MODULAR METAL ENCLOSURES

- Residential & Commercial Applications
- IEC BS EN 61439 Standard
- Up to 220/380 V -50 HZ/60 HZ
- IP 30/40 Protection level
- Up to 1mm thickness
- 8-10-12-16-24 Line
- in Single Phase Line Panel
- 12-18-24-36 Line
- in three Phase Line Panel
- 3P Incomer MCB in three Phase Panel



### LOAD CENTERS METAL ENCLOSURES

- Residential & Commercial Applications
- IEC BS EN 61439 Standard
- Up to 400 V -50HZ/60 HZ
- Up to 1.2 mm Thickness
- Up to 250A
- 12-18-24-30-36-48 way
- 3P MCB / 3P MCCB Incomer CB
- 1P or 3P MCB Outgoings CB
- IP40 Protection Level



### METAL ENCLOSURE SINGLE PHASE WITH PLASTIC COVER

- Commercial & industrial applications
- up to 220/380V -50HZ/60 HZ
- IP41 protection level
- Thickness 0.8 mm
- 4 - 9 - 13 - 16 - 26 Module
- with ( opaque - transparent ) ABS cover

## Products



### RESIDUAL CURRENT CIRCUIT BREAKERS

- Human protection (30mA) and fire protection (300mA)
- 25, 40, 63, 80, 100 A Rated Current
- 2 and 4 poles
- A and AC current sensitivity
- Undelay and (S) types
- Unflammable high quality thermoplastic shell
- Sealing facility
- IP20 degree of protection
- Complies with EN 60898-1



### POWER CAPACITORS

- 1 or 3 phase Dry Type with Gas impregnation
- Up to 50 kVAr
- Non-PCB
- Self-healing, overpressure protection
- Internal discharge module
- Complies with EN 60831



### NH FUSES&FUSE BASES

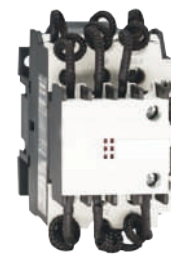
- From 16 A to 630 A
- NH00C-NH00-NH1-NH2-NH3
- Steatit body or Porcelain Body
- 120 kA breaking capacity
- Comply with EN 60269-1/2

## Products



### SPLIT CORE CURRENT TRANSFORMERS

- From 100/5 A to 7000/5A
- Burden from 1.5 VA to 30 VA
- 0.5 and 1 cl accuracy
- Nickel plated two-way connection terminals
- Complies with EN 600-4-1



### CAPACITOR SWITCHING CONTACTORS

- Capacitor rating from 5 kVAr (AC-6B)
- Electrical life is up to 200.000 ope
- Standard 1NO+1NC from BE.CK-12 to BE.CK-25
- Standard 2NO+2NC from BE.CK-40 to BE.CK-85
- DIN Rail or screw mounted
- Complies with EN 60947-4-1



### REACTIVE POWER CONTROLLERS

- 6, 12, 18 ,24 steps
- LCD display
- Various alarm indicators
- 144x144 mm



### IP METAL ENCLOSURES

- Commercial & Industrial Applications
- IEC BS EN 61439 Standard
- Up to 220/380 V -50HZ/60 HZ
- IP 55/65 Protection level
- Up to 800 A
- Up to 2 mm Thickness
- 40\*30\*20 cm To 120\*100\*30 cm



### IP ENCLOSURES

- Commercial & industrial applications
- up to 220/380V -50HZ/60 HZ
- IP65 protection level
- (28\*21\*13) cm to (70\*50\*25) cm



### LOAD CENTER ( BUSBAR SYSTEM)

- Residential & Commercial Applications
- IEC BS EN 61439 standard
- Upto 400V-50/60 Hz
- Upto 250A
- 12-18-24-36-48 way
- 3p MCB/3P MCCB incomer CB
- 1p or 3p MCB outgoing CB



### SWITCH-FUSE

- Rated Current is up to 400 A
- NH fuse-link size 00,1 and 2
- Unflammable high quality thermoplastic shell
- Breaking capacity of NH fuse-link: 120 kA
- Utilization Category AC-23B
- Comply with EN 60947-3



### LV CONTACTORS WITH DC COIL

- Current rating from 9 A to 40 A (AC-3)
- Current rating from 25 A to 60 A (AC-1)
- Motor Rating from 4 kW to 18,5 kW (AC-3)
- 3 poles
- DIN Rail or screw mounted
- Control Voltage is DC (24-48-60-110V)
- Standard 1NO or 1NC from 9 A to 25 A
- Standard 1NO+1NC from 32 A to 40 A
- Complies with EN 60947-4-1



### LV SURGE PROTECTION DEVICES

- Type 1, 2, 3 (B, C, D)
- 1, 2, 3, 4 poles
- Fault signal contact
- IP20
- Complies with EN 61643-11



### LV CURRENT TRANSFORMERS

- Current Range from 20A to 5000A
- Burden range from 2,5 VA to 30 VA
- Nickel plated brass secondary terminals
- 1A secondary Current depending on the request
- 7kV dielectric strength for wound primary type
- DIN Rail mounting opportunities
- Complies with EN 60044-1



### CYLINDRICAL FUSES

- 10x38 mm, 14x51 mm and 22x58 mm
- Fault indicator
- gG for general protection
- aM for general motor protection
- aR for semi-conductor protection
- IP20 protection class
- Comply with EN 60269-2-1



### ISOLATORS

- From 40 A to 125 A
- 1P-2P-3P-4P
- Unflammable high quality thermoplastic shell
- High electrical life
- Utilization Category AC-22A
- IP20 protection class
- Comply with EN 60947-3



### MOULDED CASE CIRCUIT BREAKERS

- Rating from 20 A to 1600 A
- 3 poles and 4 poles
- Short-circuit Breaking Capacity up to 70 kA
- Wide Range of accessories
- Compact dimensions
- Complies with EN 60974-2 and VDE 0660



### AUTOMATIC TRANSFER SWITCHES (WITH MCCB OR MCB)

- From 32 A to 800 A
- Automatic Transfer from network to generator
- Short circuit breaking capacity upto 65kA
- Under and over voltage protection



### MINIATURE CIRCUIT BREAKERS

- 3 kA – 4.5 kA – 6 kA – 10 kA breaking capacity
- From 1 A to 125 A
- 1-2-3-4 poles
- B, C, D trip class
- 6 kA types for Dc applications
- Unflammable high quality thermoplastic shell
- Red-Green indicator
- High electrical life
- Sealing facility
- IP20 degree of protection
- Complies with EN 60898-1



### AC CONTACTORS

- Current Rating from 9A to 1000A
- Motor Rating from 4 kW to 400 kW (AC-3)
- Silver alloy contacts
- 3 and 4 poles
- Built-in 1NO or 1NC aux. Contact from 9 A to 25 A
- Built in 1NO+1NC aux. Contact from 32A to 85A
- Built-in 2NO+2NC aux. Contact from 100 A to 630 A
- Various Control Voltage from 24 V to 415 V
- Complies with EN 60947-4-1



### THERMAL O/L RELAYS

- Rating from 0,1 A to 85 A
- Tripping Class 10 A
- Phase failure protection
- Ambient Temperature compensated -5 to 40°C
- Direct connection to contactors
- DIN Rail adaptor for separate using
- Complies with EN 60947-4-1



### AIR CIRCUIT BREAKERS

- Fixed and Drawable types
- Rating from 630 A to 6300 A
- Short-circuit Breaking Capacity up to 100 kA
- Wide Range of accessories
- Compact dimensions
- Complies with EN 60974-2 and VDE 0660



### PANELMETERS

- 72x72 mm and 96x96 mm dimensions
- Ct or direct using Analog ammeters
- 0-250 V or 0-500 V Analog Voltmeters
- 96x96 multimeters
- Demandmeter Ammeters
- 0-5000 A digital Ammeters
- 0-600V Digital Voltmeters
- Complies with EN 60051-2



### MODULAR SIGNAL INDICATORS

- Illumination Led (Blue-Red-Green-Yellow)
- 220 V AC – 24 V AC – 24 V DC
- Electrical life is more than 30.000 hours
- IP20 degree of protection
- DIN Rail Mounting (EN 50022)
- Complies with EN 60947-5-1



### EARTH LEAKAGE CIRCUIT BREAKERS

- Rating from 40 A to 630 A
- 3 poles and 4 poles
- Short-circuit Breaking Capacity up to 50 kA
- Adjustable sensitive current and delay time
- Led display which shows residual current
- Complies with EN 60974-2
- Complies with EN60947-2 and VDE 0660