

# busbar

## catalog

**BUSBAR|BBT**  
SAVE30 Electric System



[www.mrkint.com](http://www.mrkint.com)

# About Us



SAVE30 Electric System - Busbar trunking system (BBT), performs the function of transporting current from one point to the other. Traditionally cables were used for this function. BBT goes beyond what cables do. BBT can tap off power to switchgear for further distribution using tap of boxes. In comparison to cables, BBT can thus serve as distribution panels at different stages (at floors of a building). BBT thus continues as single systems to replace cables as well as distribution boards at floor level for garments factories, commercial and living buildings.

The BBT is totally enclosed, non-ventilated design Busbar and is fully insulated using halogen free fire retardant epoxy insulation. L&T Mega duct BBT system offer a superior alternative to cables and other bus trunking options through this compact and scalable range of system thus providing an enhanced solution to power transmission and distribution in buildings as well as industry.



# busbar

## Details

### Explaining the Benefits of Modern Approaches to SAVE30 Electric System - Busbar Trunking System Offer Many Benefits Over Cable.

Busbar Trunking System (BBT) is manufactured into totally enclosed, pre-fabricated sections consisting of copper & aluminum Busbars with current ratings from 25 to 8500 A. Power is tapped-off by plugs or tap-offs positioned at regular intervals. A Busbar system typically consists of 4, 3, 2 or 1m lengths, end feed/live end boxes end covers, various tap-off units at different ratings and hanging brackets.

### SAVE30 Electric System - Key Advantages

Busbar trunking has several key advantages over conventional forms of power distribution. Onsite installation times are reduced compared to hard-wired systems, thus leading to cost savings. It provides increased flexibility in design and versatility with regard to future modifications. Increased safety features are brought about by the use of high-quality, manufactured components, which provide greater safety and peace of mind for specifies, contractors and end-users.

Busbar trunking systems are used in a variety of high-and low-voltage applications, including production plants, workshop, assembly lines, warehouses, distribution centers, supermarkets, retail outlets etc.

### SAVE30 Electric System - Busbar Trunking Can Be Used in The Installation of Heavy-Duty, Multi-Circuit Lighting Systems.

In addition, the fact that busbar is a factory manufactured and tested product, ensures a high quality and safer installation. Provide a full range of technical-support services to electrical contractors who can now buy fully designed, engineered systems. The design and estimating stages are also fully supported by Polarvista Co., Ltd. Save30 Busbar Electro Systems who provide quotations for busbar components and can, in most cases, advise and assist in the design.



# BUSBAR BBT

SAVE30 Electric System

25 - 40A



- Installed for lighting and false floor
- Manufactured either 25A or 40A
- The joining piece has been designed as click type
- The housing is Aluminium
- Conductors are offered between 2 to 5 according to your choice
- Owns all certifications related to BUSBAR and CE certificate.

40 - 160A



- This type is for low power distribution
- Manufactured with 5 conductors
- The conductor may be AL or Copper depending on the choice
- Aluminium housing supplies decorative look
- Hard fixing bar joint system supplies comfort during installation
- Owns all certifications related to BUSBAR and CE certificate.

160 - 1000A



- AL housing offers light weight, decorative look and hardness
- Conductors are tin plated, dust-proof covers allow only box insert
- Standard straight length is 4 meters which save %25 than 3 meter
- Each length offers 8 plug-in's
- Safe joint installation with 1 screw joint set
- Owns all certifications related to BUSBAR and CE certificate.

SUPER COMPACT 500 ~ 6000A



- AL housing offers electrical efficiency with high heat dissipation
- Conductors are tin plated
- Offers better compact structure and max. safety with .5mm thickness MYLAR insulation
- Have plug-in points that not affect compact structure
- Avoids short-cut & get bolt-on point with improved joint technique
- Owns all certifications related to BUSBAR and CE certificate.

CAST RESIN 500 ~ 6000A



- Design for environmental factors such as humidity and saline environments with its entire cast resin housing
- Conductors are tin plated
- Offers better protection against corrosion
- The corners & off-set accessories are non-welded products
- Avoids short-cut & get bolt-on point with improved joint technique
- Owns all certifications related to BUSBAR and CE certificate.



ASTA



KEMA

V<sup>NL</sup>  
EIKI

ISO 9001-14001-18001

BUSBAR TRUNKING SYSTEM

# BBT PROJECT'S BY MRK



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**MRK International** has a professional “Workshop assignment from the layout process design and other electrical fixtures, and a qualified professional electrical installation and commissioning”. The team for your modern workshop from visual effects, practical effects to green energy have reached a new height. Light-house electrical installation safety, energy conservation, aesthetics, is Polarvista people on their own require-



Single-phase, three-phase, dual socket



Single-phase socket



Three-phase socket



Switch



Crop sliding socket



Five-wire safety socket



Straight



Head



Elbow



Tee



Stone



Hanging folders



**Safety**  
**Practical**  
**Flexible**  
**Energy saving**

THIS PRODUCT CAN PROVIDE INDEPENDENT OR COMBINED USE OF LIGHTING AND POWER

ALUMINUM LIGHTING DISTRIBUTION BUSWAY



PLASTICS LIGHTING DISTRIBUTION BUSWAY

Widely used in garment industry and concentrated power supply

# BBT PROJECT'S BY MRK



MRK International is the Authorized Distributor and Supplier of GERSAN ELECTRIK (Turkey) Distribution Panel Systems. GERSAN Distribution Panels produced in compliance with the international standards.

## PROPERTIES

Standard: IEC/BS EN 60439-3

Voltage: 230/240V

Current: 32/63A

Insulation Voltage: 500V AC

Short Circuit Withstand: 16 KA

Protection Degree: IP 4X

Color: RAL 7035



## GFP SERIES DISTRIBUTION PANEL

GFP series 32-63A Feeder Pillar Panel Systems can be used for decorative and functional purposes with its ergonomic structure.



## GDB SERIES DISTRIBUTION PANEL

GDB series 32-800A Distribution Panel Systems can be used for providing power in various facilities such as factories, hospitals, buildings and sky-scrapers.



## GSP SERIES DISTRIBUTION PANEL

GSP series 800-5000A Panel Systems can be used in power distribution with its modular structure and short-time withstand capacity up to 150kA.



All the insulating materials are made of halogen-free, non-flammable and fire-retardant (V0) materials.

## Crony group

project consultant  
Busbar Trunking System 4000 A  
Cast Resign BBT 4000 A  
Project BBT Installation and Comissioning

## Denim Expert

project consultant  
SAVE30 lighting  
BBT & riser  
circuit breaker  
frp type exhaust fan  
workers chair  
canteen table  
emergency light  
mobile busbar

## Eusebio sporting

project consultant  
substation/distribution board  
BBT  
cable tray  
epoxy floor  
exhaust fan  
cooling pad system  
SAVE30 lighting & system

## Reza fashion & Reza textile

project consultant  
SAVE30 lighting & system  
BBT& riser  
circuit breaker

## Four H group

flat bed screen printing line  
polybag making machine  
flexo printing machine for packaging  
label flexo print machine

## pa knit composite

embroidery machine  
screen printing machine  
label printing machine  
inspection machine  
vacuum press table & iron press

## Murabi Corporation

solar panel system  
batteries inverters  
solar light solar fan

# EXPERIENCES & COMMITMENTS



# Chaity Group

SAVE30 lighting & system  
BBT/mobile busbar  
substation  
distribution board knitting machine  
project consultant  
dyeing machine  
polarfleece machine  
inspection machine  
t-shirt flat screen printing machine  
label flexo printing machine  
exhaust fan  
epoxy paint  
canteen chair  
off ice furniture  
road light  
garden light  
solar panel system

# Esquire group

SAVE30 lighting & system  
BBT riser  
circuit breaker  
epoxy paint  
office lighting  
solar panel system

# Kabab Factory

LED color changeable road lamp  
SAVE30 lighting & system  
indoor and outdoor lighting  
kitchen equipment  
furniture

# Barnali textile & printing

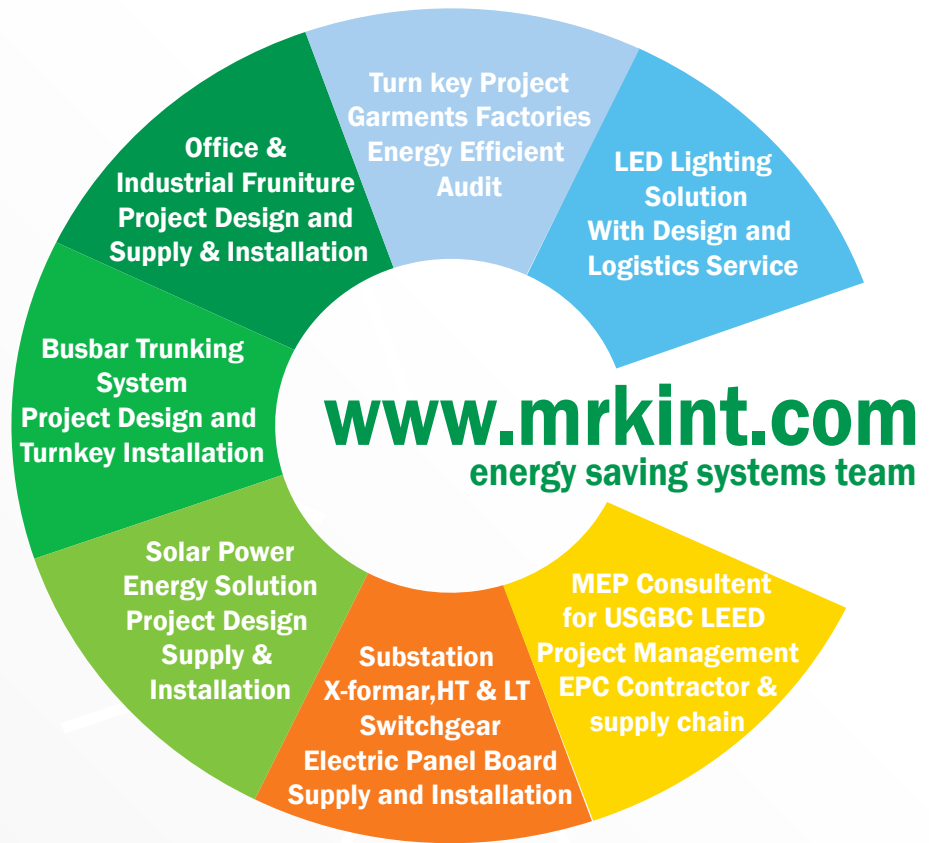
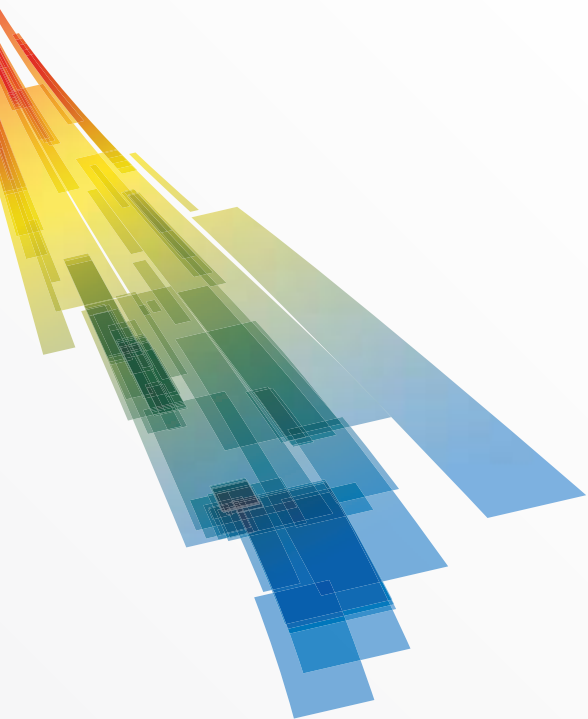
SAVE30 lighting & system  
BBT & riser  
circuit breaker  
exhaust fan  
cooling pad system  
project consultant

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# MRK International Partners





THE ENGINEERING COMPANY WITH EXPERT AND PROFESSIONAL  
IN ENERGY AND ENVIRONMENTAL DESIGN WITH GREEN SOLUTION

- BUSBAR Trunking System
- Lighting System Design and Solution
- Substation & Switchgear Controlling System
- Generator & Alternators
- Tower Crane & Construction Vehicle
- Energy meter
- Protection & measurement devices
- Solar Power System
- Circuit Breakers & contactors
- Switches & Sockets
- Power line erection and installation
- Industrial Production Furnitures
- Office Furnitures
- Complete Logistic & Service

**Solarvista™**

**SAVE30™**

**BUSBAR**

**LED**



**MRK International**

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