

Proudly Distributor

polarvista



Busbar Trunking Systems



Underfloor Cable Trunkings



Earthing Systems



Cable Management Systems



Electrical Vehicle Charging Systems



Distribution Panels



G-BUS Automation



LED-BUS systems

since
1980



G-BUS AUTOMATION SYSTEM



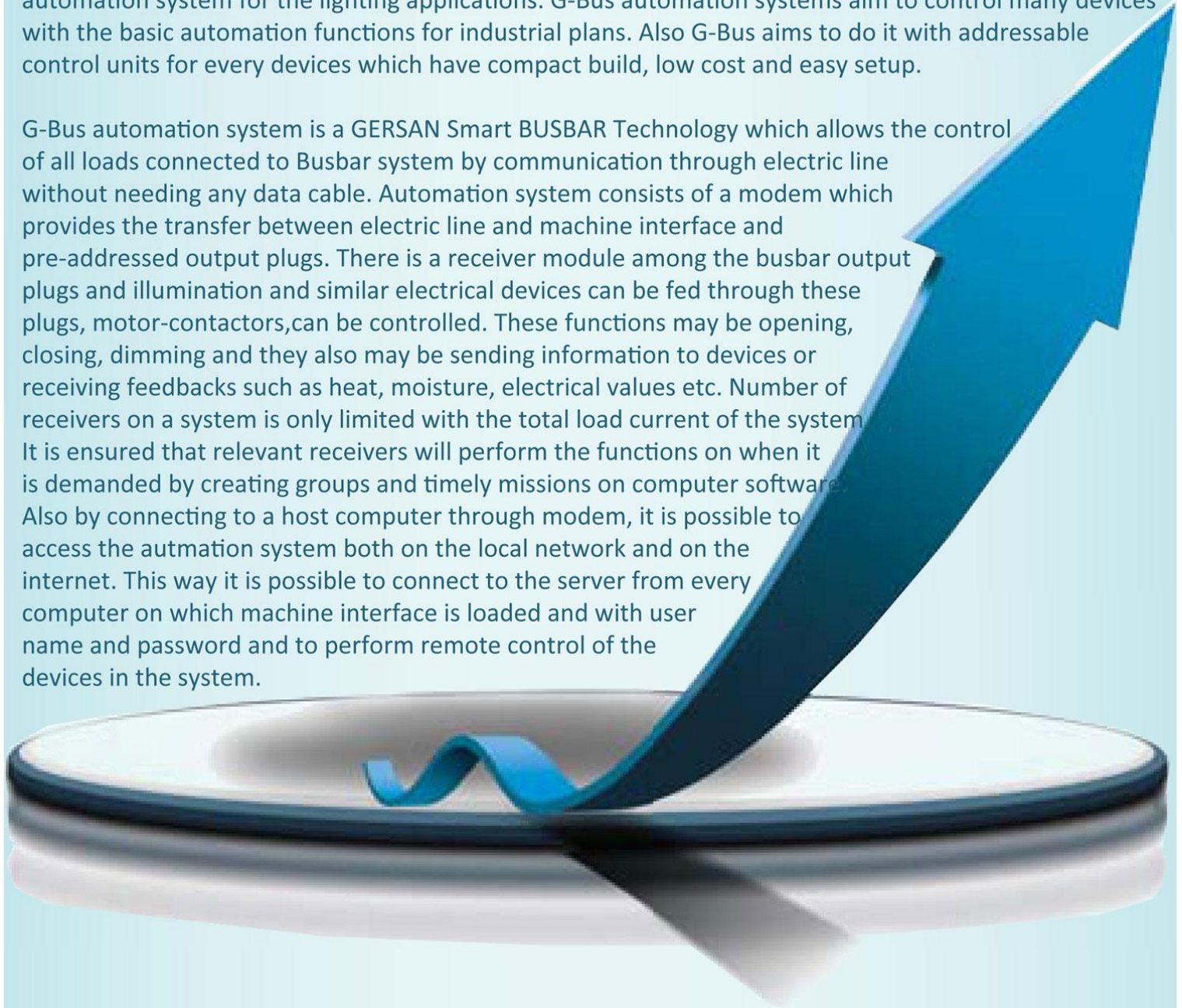
ISO 9001-14001-18001

Polar Vista International Co., Ltd. started in Hong Kong back in late 2005 and we are located in Bangladesh, China, Taiwan and Turkey. As a member of the LEED(U.S. Green Building Council) we are here to serve your needs, including but not limited to; full range of high quality supply products, LEED project certificate consultancy, energy efficient audit, upgrade strategies, supply installation, commissioning and turn-key project. More importantly we are here as a LEED supply chain. We aim to satisfy all your needs in pursuing green industrial and commercial projects.

We provide equipment and machinery for factory needs from the floor to the roof, from planning design, construction and commissioning. Our specialities are in providing energy solution systems and we also provide an automation and digital system as we aim for a greener future.

GERSAN expanding the product range with G-Bus automation system offering and management solutions. Last two decade, automation system have undertaken as an important role on industrial applications. It offers efficient, effective, low cost setup and remote control and tracking G-Bus automation system for the lighting applications. G-Bus automation systems aim to control many devices with the basic automation functions for industrial plans. Also G-Bus aims to do it with addressable control units for every devices which have compact build, low cost and easy setup.

G-Bus automation system is a GERSAN Smart BUSBAR Technology which allows the control of all loads connected to Busbar system by communication through electric line without needing any data cable. Automation system consists of a modem which provides the transfer between electric line and machine interface and pre-addressed output plugs. There is a receiver module among the busbar output plugs and illumination and similar electrical devices can be fed through these plugs, motor-contactors, can be controlled. These functions may be opening, closing, dimming and they also may be sending information to devices or receiving feedbacks such as heat, moisture, electrical values etc. Number of receivers on a system is only limited with the total load current of the system. It is ensured that relevant receivers will perform the functions on when it is demanded by creating groups and timely missions on computer software. Also by connecting to a host computer through modem, it is possible to access the automation system both on the local network and on the internet. This way it is possible to connect to the server from every computer on which machine interface is loaded and with user name and password and to perform remote control of the devices in the system.



G-Bus Autmoation System



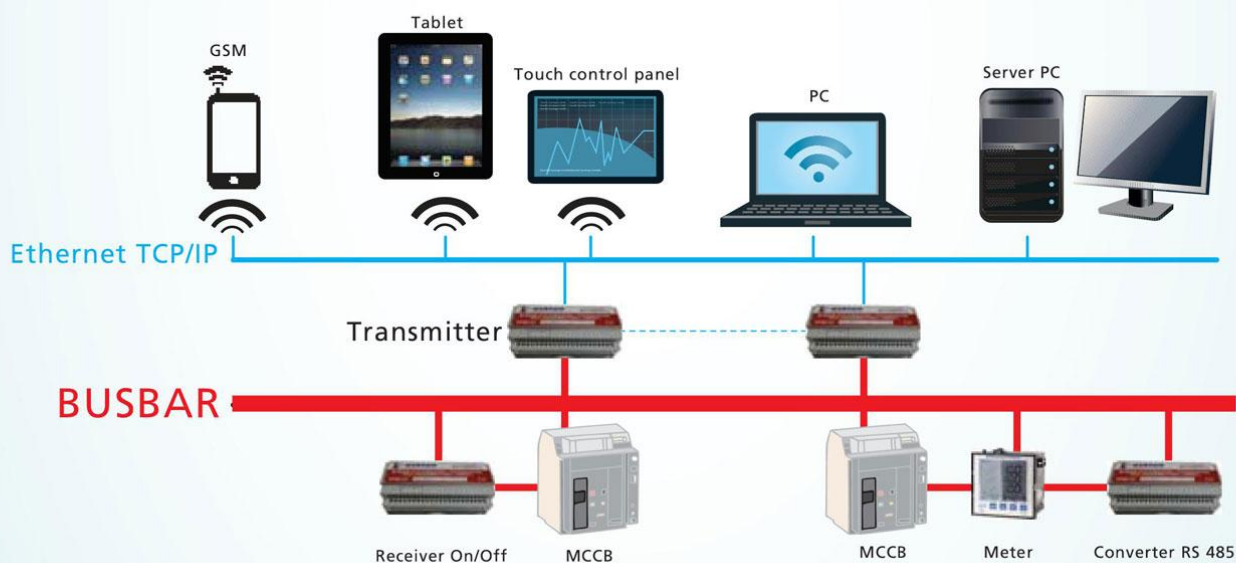
It is a very simple and patented solution to reach and manage all available information by two-way communication provided such as status and records of measurement devices on electricity distribution substation equipments, transformers, boards, busbars, tap-off boxes of power lines.



Access to information and controls can be achieved on local network or internet with any PC that G-Bus software installed

With G-Bus automation in your business;

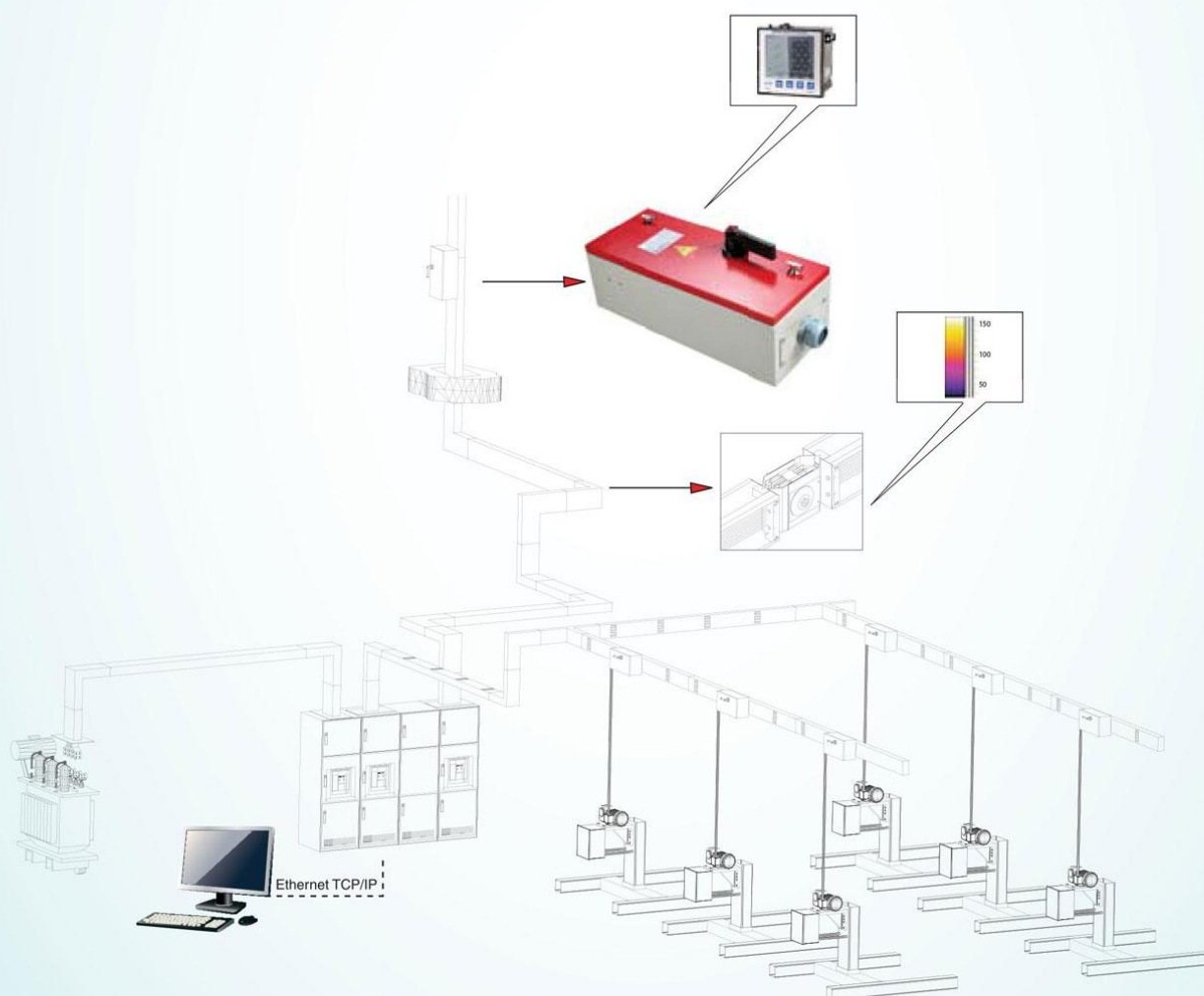
- * Operating costs reduced*
- * Equipment to be efficient in usage,*
- * Electric power distribution management*



- * Needs for monitoring and automation control increasing at all buildings and facilities,*
- National energy policies,*
- Offers the opportunity to review issues of production and operating costs.*

- * by User-managed power line*
- Classifieds with place descriptions*
- Prevent Unnecessary use*
- enables to control power consumption and Energy efficiency*

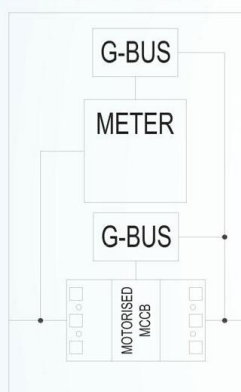
Measurement, control and monitoring by GERSAN Smart Bus-bar systems can be done with mounted units between the transmitter and receiver for 25-6000A busbar system GNL, GL, GGD and GS. Receiver units with standard DIN rail structure can be easily installed on tap-off boxes and capable of handling two-way information and commands of G-Bus signals like switch controls, the analyzer measurements, etc..



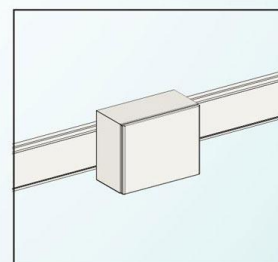
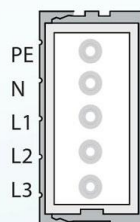
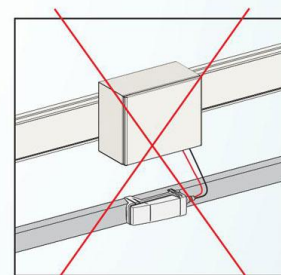
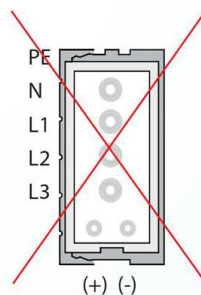
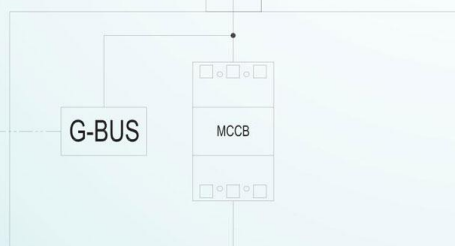
Receiver units can be found at the main board or the entire output boxes in case of single or multiple lines of busbar.

3P+N+E BUSBAR

TAP-OFF BOX



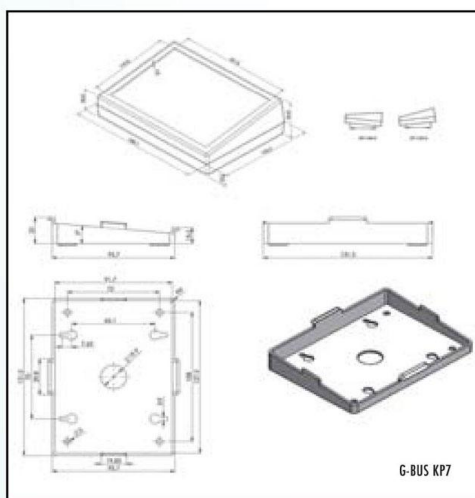
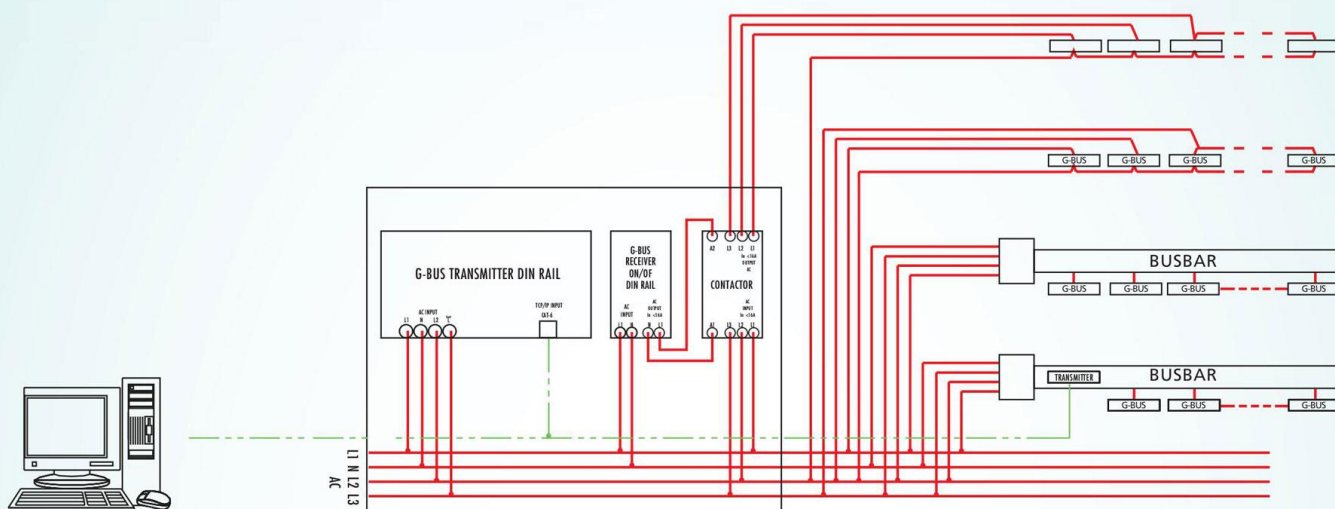
These units are communicating over power lines and contact with the G-Bus Server software without any additional network line G-Bus Transmitter unit that enables the isolation between power line and network connection and allows you to connect server program. Assembly of power monitoring analyzer unit into the output box is quite difficult to read due to height. Therefore, we recommend the use of analysis systems with G-BUS receiver module. Thus, it is possible to transmit the datas of the output box to the server center by using of the power line datas with no additional parallel lines as in conventional systems



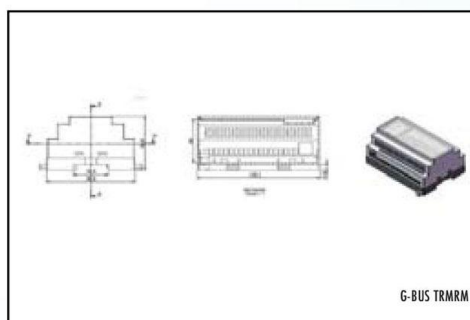
G-BUS
POWER LINE COMMUNICATION

G-BUS[®] AUTOMATION SYSTEM

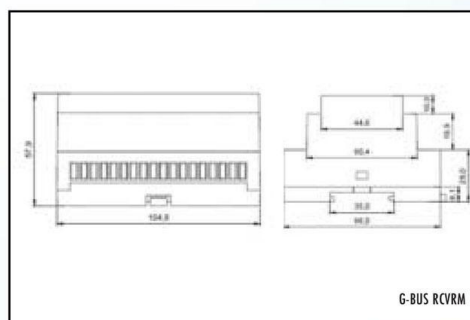
Stock Code	Definitions	
730-RCV	G-Bus Automation Receiver Module (On/Off)	
730-RCVRM	G-Bus Automation Receiver DIN Rail Module (On/Off)	
730-TRM	G-Bus Automation Transmitter Module	
730-TRMRM	G-Bus Automation Transmitter DIN Rail Module	
730-GBUSKP7	G-Bus Automation TFT Touch Control Panel	
730-GBUSTP7	G-Bus Automation Tablet Control Panel	
730-GBUSPLADP	G-Bus Powerline Network Adapter	
730-GBUSPLADPRM	G-Bus Powerline DIN Rail Network Adapter	
730-INP	G-Bus Automation Input Module	
730-RCV485	G-Bus Automation RS485 Receiver Module	
730-DIM	G-Bus Automation DIM Ballast Control Module	
730-GBUSPC	G-Bus Automation Control PC	
730-GIS	Daylight Sensor	
730-HS	Move Sensor	
730-GBUSTP7SW	G-Bus Automation TFT Touch Tablet PC Software	
730-GBUSPCSW	G-Bus Automation PC Control Software	
730-GBUSTDE	Testing, Commissioning and Training-Per day (Accommodation and Travel Cost are Not Included)730-RCV	



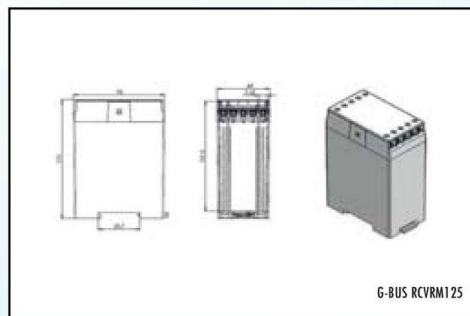
G-BUS KP7



G-BUS TRMRM



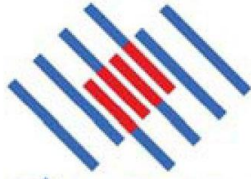
G-BUS RCVRM



G-BUS RCVRM125

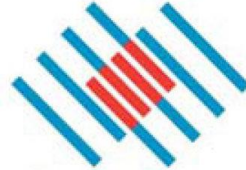
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G-BUS® AUTOMATION SYSTEM



ŞİŞECAM

• ŞİŞECAM BURSA



Trakya Cam Sanayii A.Ş.

• TRAKYA CAM RUSYA



Himlaya - Meten - Lebanon

• NAS



• ZEENNI STEEL



• POLARVISTA



• ASSAN FOODS

www.polarvista.co



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