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since
1980



G-BUS AUTOMATION SYSTEM



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

polarvista

Electric power distribution
substation automation

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.



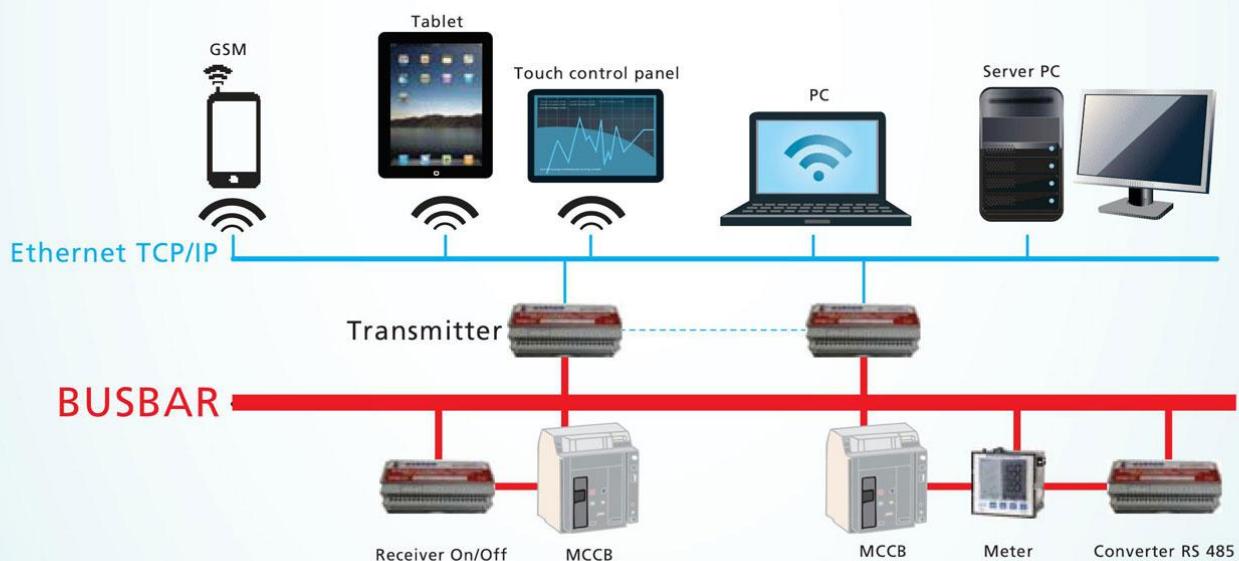
Access to information and controls can be achieved on local network or internet with any PC that G-Bus software installed

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.

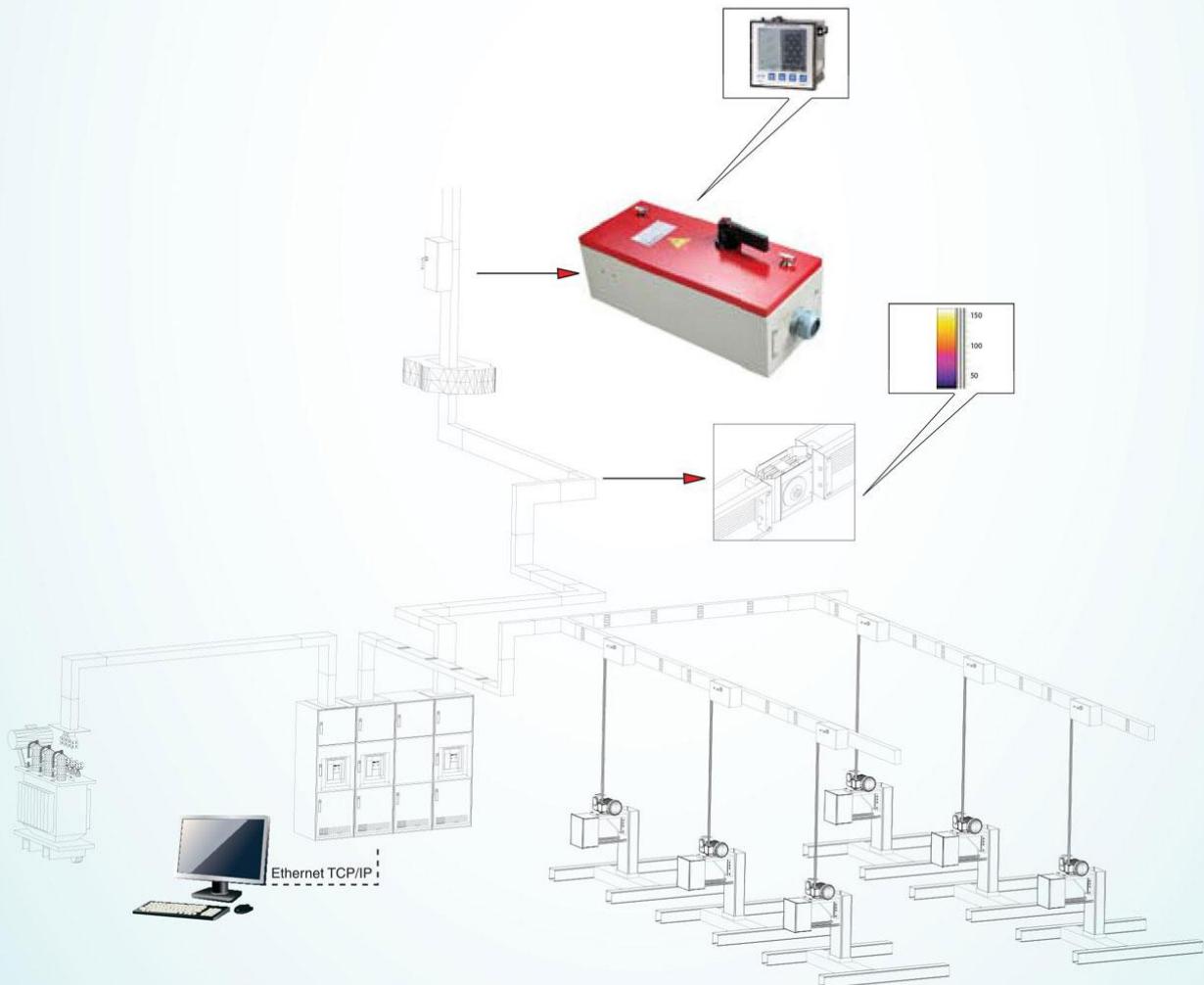
* by User-managed power line

- Classifieds with place descriptions

- Prevent Unnecessary use

- enables to control power consumption and Energy efficiency

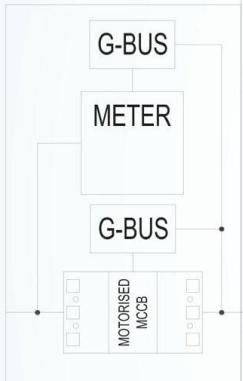
Measurement, control and monitoring by GERSAN Smart Bus-bar systems can be done with mounted units between the transmitter and receiver for 25-6000A busbar system GNL, GL, GGD and GS. Receiver units with standard DIN rail structure can be easily installed on tap-off boxes and capable of handling two-way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



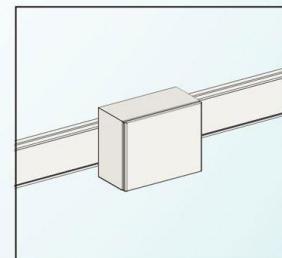
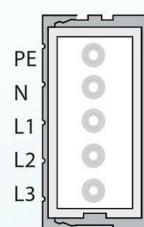
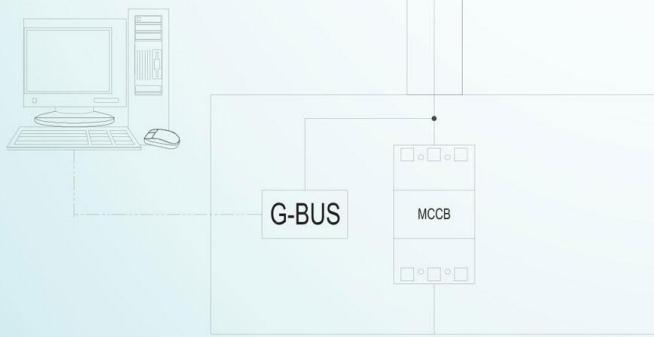
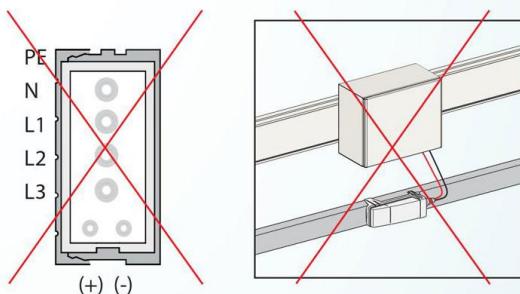
Receiver units can be found at the main board or the entire output boxes in case of single or multiple lines of busbar.

3P+N+E BUSBAR

TAP-OFF BOX



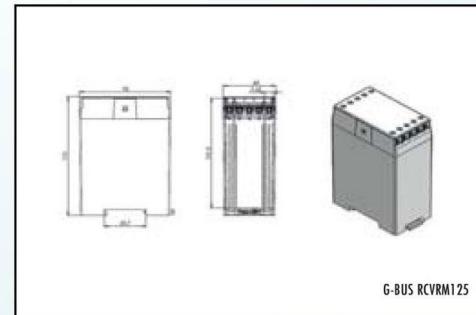
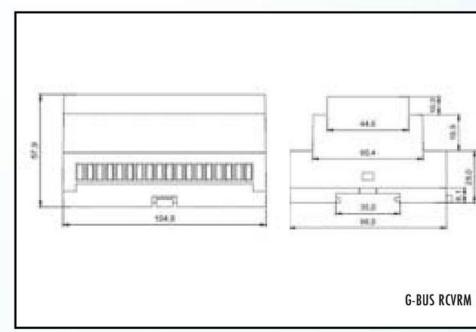
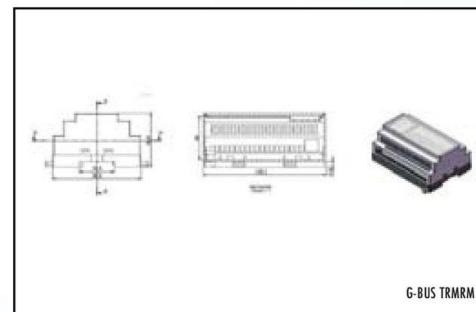
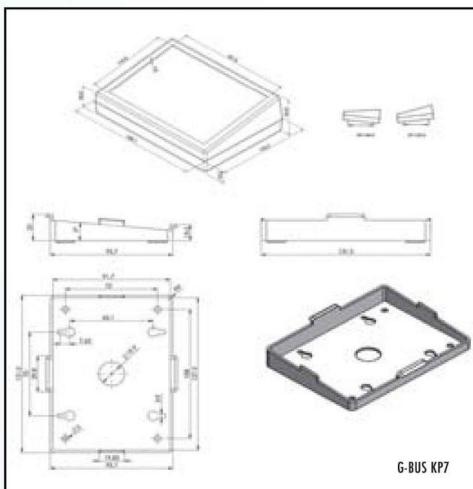
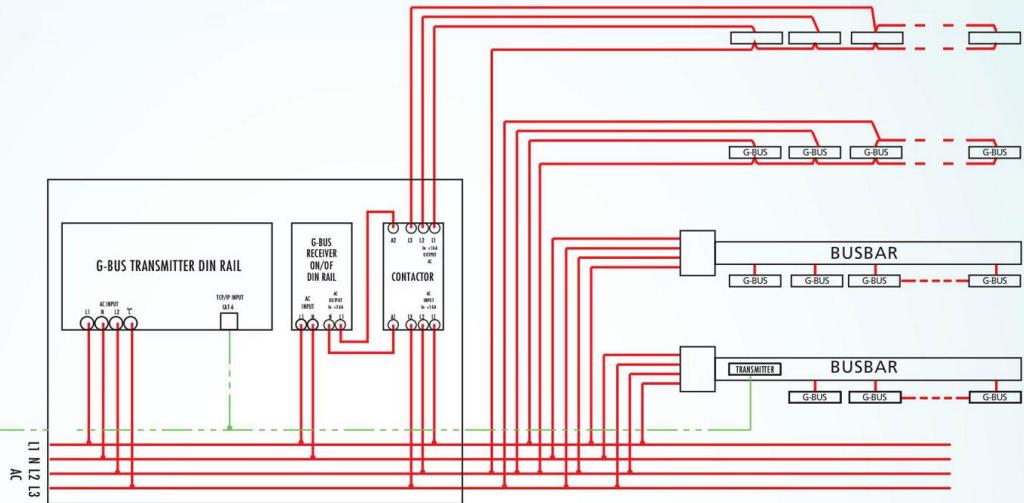
These units are communicating over power lines and contact with the G-Bus Server software without any additional network line G-Bus Transmitter unit that enables the isolation between power line and network connection and allows you to connect server program. Assembly of power monitoring analyzer unit 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

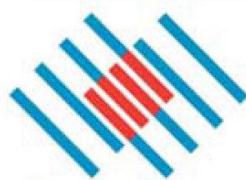




G-BUS® AUTOMATION SYSTEM



• ŞİŞECAM BURSA



Trakya Cam Sanayii A.Ş.

• TRAKYA CAM RUSYA



Himlaya - Meten - Lebanon

• NAS



• ZEENNI STEEL



• POLARVISTA



• ASSAN FOODS

ONAY SERTİFİKASI

Bu Kalite Yönetim Sistem Sertifikası,

GERSAN ELEKTRİK TİC. VE SAN. AŞ.
İstanbul Anadolu Yakası Organize Sanayi Bölgesi
No: 39-41 34953 Tuza
İSTANBUL-TÜRKİYE

firmasının Kalite Yönetim Sistemi'nin Lloyd's Register Assurance Limited tarafından onaylanarak hizmete sunulması
aşağıdakilerin kalite yönetim standartları içindedir:

ISO 9001:2008

Kalite Yönetim Sistemi kapsamı:

Kablosu, Mervisleri ve Aksaarsızlar, Döşeme Altı Kablosu ve Akseksuarları, Topraklama Matemeleri ve Paratotan Elastomerler, Plastik İsparalar, Askı, Gergi Takımı, Telde Hareketli Matem, Baskılı Matem, Gafvanitler, Elektrik Sistemleri, Elektrik Çeşitlerin Pürfürmeleri İmalatı, Elektrik Sistemleri ve C-BUS Endüstriyel Otomasyon Sistemleri

Bu sertifikat, sadece onay verilen şartları - teknoloji ve uzmanlık alanlarında hayvan sertifikası en iyi teknolojiye sahip olmak -

Sertifikat
Onay No.: 161900055221A
İlk onay: 27.07.2010
[İmzalı] sertifikat: 17.07.2011
Geçerlilik: 16.07.2012
Lloyd's Register Quality Assurance Limited
Lloyd's Register Quality Control Unit Ltd (UK) International

Lloyd's Register Quality Assurance Limited
Lloyd's Register Quality Control Unit Ltd (UK) International

The image shows a detailed certificate page from LRQA Business Assurance. At the top right is the LRQA logo with the text 'LRQA Business Assurance'. Below it is the title 'ONAY SERTİFİKASI' (Approval Certificate). The center text reads 'Bu Çevre Yönetim Sistemini GERSAN ELEKTRİK TİC. VE SAN. A.Ş. İstanbul Anadolu Yakası Organize Sanayi Bölgesi Gözlemevi No: 38-41 Sayı: 5453 Tuzla İSTANBUL-TÜRKİYE' (This environmental management system has been approved by GERSAN ELEKTRİK TİC. VE SAN. A.Ş. Istanbul Anadolu Yakası Organized Industry Zone Gözlemevi No: 38-41, Tuzla, Istanbul, Turkey). Below this, a large box contains the text 'İsmişanın Çevre Yönetim Sistemi'nin Lloyd's Register Gözlemevi tarafından onaylandığını belirtmek. Bu sertifika espridü bu sertifikonun şartlarından iyon geçerlidir.' (This certificate certifies that the environmental management system has been approved by the Lloyd's Register Control Office. This certificate is valid only if used in accordance with the conditions of this certificate). The bottom section includes the ISO 14001:2004 certification number 'ISO 14001:2004', the scope 'Çevre Yönetim Sistemi kapsamı:', and various approval details for different managers like 'Katkılı Kanalı, Mühendislik ve Aksiyonlar, Dönerme Altı Kabin ve Aksiyonlar, Topraklama Matemeleri ve Paralekler' and 'Elemanlar, İstihdam Matemeleri, Bütçeler, Kanal Ücretleri ve Fazla Galvenizmeler, Elektrik Dağıtım Panolarının İmzası, Elektrik Sistemleri ve G-BUS Endüstriyel Otomasyon Sistemleri'. It also includes a note about 'Bu sertifika, sadece onay verilen şartları karşılayarak espridü. Uygun sertifika espridü bu şartları karşılamaz.' (This certificate is valid only if it complies with the approved conditions. An appropriate certificate is valid if it does not meet these conditions). The bottom right features the 'Lloyd's Register Quality Assurance Ltd' logo.

<p>НА ОСНОВАНИИ</p> <p>Протокола испытаний № 216-140н-02/13 от 14.02.2013 г. Автомобильная инженерная организация "Измаштестовый центр "МаноСиТест", № РОСС RU.9001.21.0054, срок действия до 28.10.2016</p>	<p>ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ</p> <p>Маркировка изделия знаком соответствия производится по ГОСТ Р 59460-02. Маркировка знаком соответствия на изделии наносится в упаковке и сопроводительной документации.</p> <p>Служба сертификации № 3.</p>		
 М.П.	 Эксперт	 А.В. Александров <small>Индивидуальный предприниматель</small>	 А.М. Крыжевский <small>Индивидуальный предприниматель</small>
<p>Сертификат имеет юридическую силу на всей территории Российской Федерации</p>			

<p>ПРОДУКЦИЯ</p> <p>Светодиодные спаренные прожекторы, состоящие из двух светодиодных модулей, тип: LED-BUS 2x2(20W), LED-BUS 2x2(20W)GRIUS, LED-BUS 2x2(20W)BLKUS.</p> <p>2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS).</p> <p>Сертификат</p>	<p>т.е. "GERSAN" для использования по предназначению в соответствии с техническими документами, тип: LED-BUS 2x2(20W), LED-BUS 2x2(20W)GRIUS, LED-BUS 2x2(20W)BLKUS.</p> <p>2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS), LED-BUS 2x10W(GRIUS).</p> <p>СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ</p> <p>ГОСТ Р ИС 03466-2011</p> <p>ГОСТ Р ИС 03415-99</p> <p>ГОСТ Р ИС 03416-99</p> <p>ГОСТ Р ИС 03473.3-2006 (разд. 6, 7)</p> <p>ГОСТ Р ИС 03473.3-2006</p>
<p>ИЗГОТОВИТЕЛЬ:</p> <p>"GERSAN ELEKTRIK TICARET VE SANAYI A.Ş."</p> <p>Адрес производства: Tuzla Mescidiyeri San, Bolged, Gazi Bulvarı No:27 - 39-41 FK, 37 Tuzla, İstanbul, Turkestan, Turkestan</p>	<p>Код ТН ВЭД: Россия: 9405 10 990 9</p>
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<p>М.П.</p>	<p>Руководитель органа</p>  <p>A.B. Александров Генеральный директор</p>
<p>Эксперт</p>	 <p>A.M. Кузин Аудитор, юрист</p>
<p>Сертификат имеет юридическую силу на всей территории Российской Федерации</p>	

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