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Products, data sheets, documentation, MR12-SCHEMA-calculator: www.schneid.at

#### SCHNEID PCG-Gateways RS422, RS485 or MBM80 to USB or TCP

in a housing, to connect the SCHNEID control device to the end device.

Order number: 020.xxxxx

Ordercode: PCG-Gateway RSxxx-xxx



#### Overview:

The SCHNEID PCG Gateway is used to connect the SCHNEID controllers to an end device (master computer, visualization computer, etc.).

Different physical interfaces are available for both sides.

For the connection to the computer (master computer), there is a version with a USB or Ethernet TCP interface. You can choose between RS422 (4-wire) RS485 (2-wire) or MbusMaster80 as the interface for the fieldbus (to the controllers).

The two interfaces are optically and galvanically isolated from each other to prevent damage to the master computer due to overvoltages on the fieldbus (data network). In addition, the module has a 12VDC output, which is used to supply Communication modules such as the wireless outdoor unit can be used.

#### Scope of delivery:

- SCHNEID PCG gateway in a housing
- 24V power supply
- 6-pin connector plug with cable housing



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#### Variants:

### **PCG-Gateway RS422-TCP**

Order number : 020.16230

Order code: PCG-Gateway RS422-TCP

## PCG-Gateway RS422-USB

Order number: 020.16234

Order code: PCG-Gateway RS422-USB

#### PCG-Gateway RS485-TCP

Order number : 020.16231

Order code: PCG-Gateway RS485-TCP

#### PCG-Gateway RS485-USB

Order number: 020.16232

Order code: PCG-Gateway RS485-USB

#### **PCG-Gateway MBM80-TCP**

Order number: 020.17108

Order code: PCG-Gateway MBM80-TCP

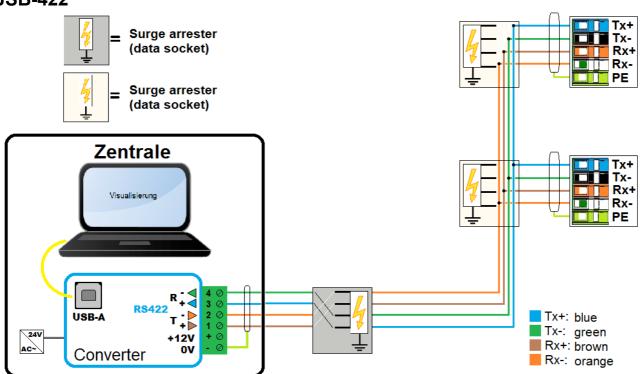
#### PCG-Gateway MBM80-USB

Order number: 020.17111

Order code: PCG-Gateway MBM80-USB

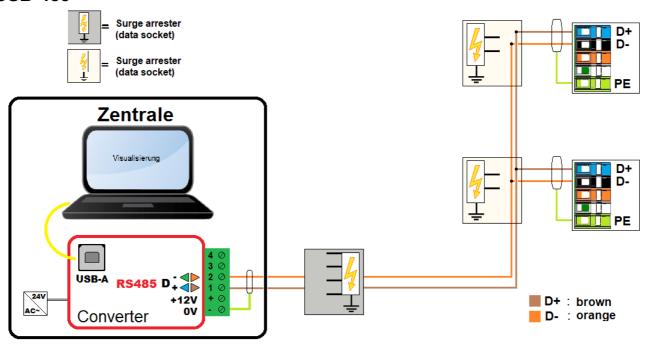
### **Application examples:**

### **USB-422**

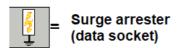


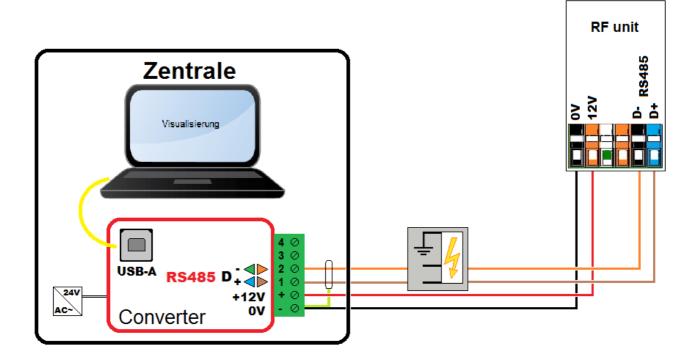
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## **USB-485**



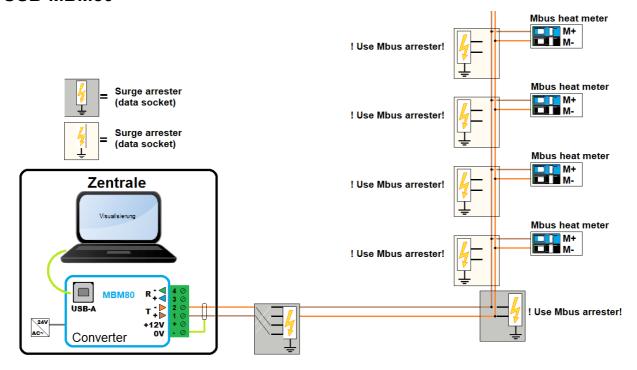
## **USB-485-RF**



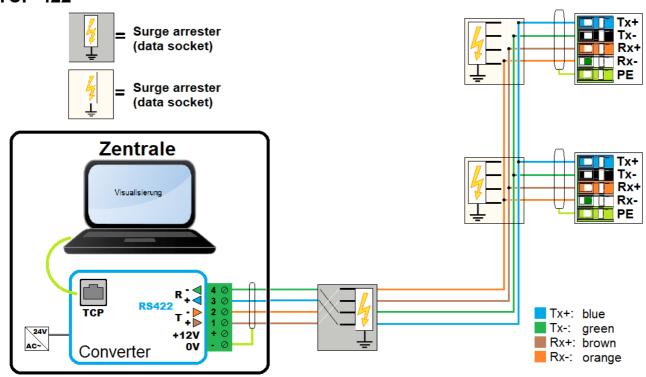


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### **USB-MBM80**

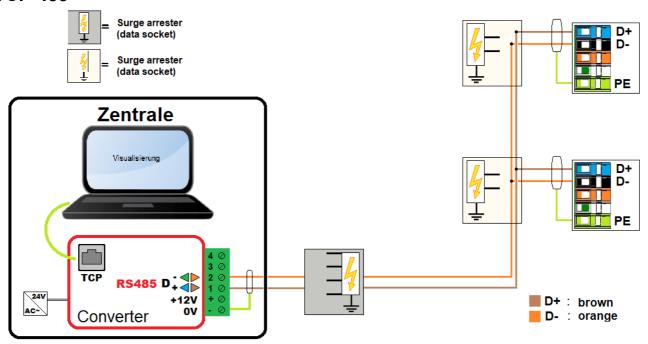


#### **TCP-422**

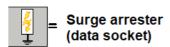


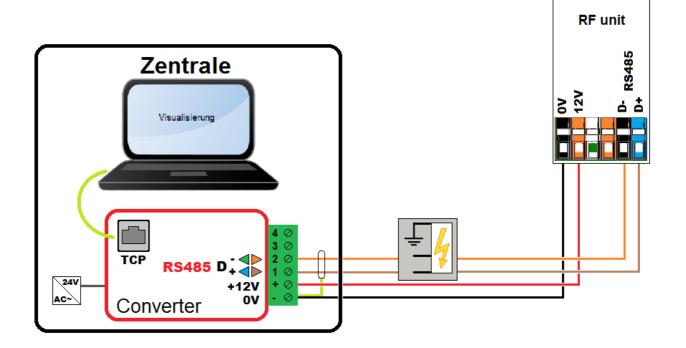
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## **TCP-485**

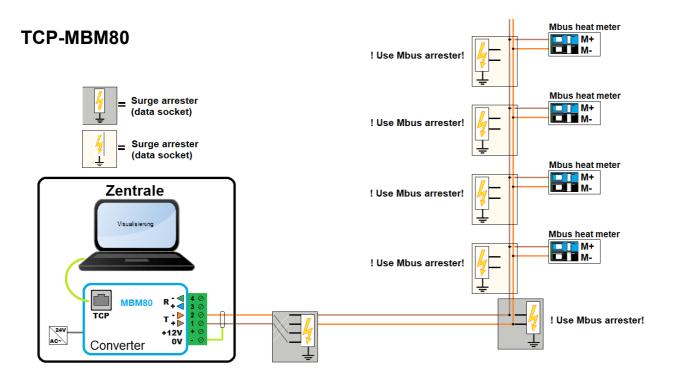


## **TCP-485-RF**





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Intrastat Number:       8537.10.91.90         Country of origin       EU/AT         Height, width, depth (in mm)       Gateway 30x130x100 Power supply: 32x59x100 + 2 meter connection cable Connector plug: 14.6x25.3x45.6         Weight (in kg)       Gateway 422-TCP and 485-TCP: 0,173 Gateway 422-USB and 485-USB: 0,172 Gateway MBM80-USB and MBM80-USB: 0,182 Power adapter: 0,176 Connector plug: 0,010         Degree of protection       IP51         Ambient temperature       0°C +40°C         Operating voltage       24VDC via power adapter 230VAC         Power consumption       5VA         Voltage output       12VDC, max. 500mA         Connection type       plug         Connection technology       screw terminals         Cable cross-section       Max. 1.5mm²         Mounting type       Desktop standing device         Operating time       continuous operation         Degree of pollution       2         Rated surge voltage       1kV	Technical specifications:	
Height, width, depth (in mm)  Gateway 30x130x100 Power supply: 32x59x100 + 2 meter connection cable Connector plug: 14.5x25.3x45.6  Weight (in kg)  Gateway 422-TCP and 485-TCP: 0,173 Gateway 422-USB and 485-USB: 0,172 Gateway MBM80-USB and MBM80-USB: 0,182 Power adapter: 0,176 Connector plug: 0,010  Degree of protection  IP51  Ambient temperature  0°C +40°C  Operating voltage  24VDC via power adapter 230VAC  Power consumption  5VA  Voltage output  12VDC, max. 500mA  Connection type  plug  Connection technology  screw terminals  Cable cross-section  Max. 1.5mm²  Mounting type  Desktop standing device  Continuous operation  Degree of pollution  2	Intrastat Number:	8537.10.91.90
Power supply: 32x59x100 + 2 meter connection cable Connector plug: 14.5x25.3x45.6  Weight (in kg)  Gateway 422-TCP and 485-TCP: 0,173 Gateway 422-USB and 485-USB: 0,172 Gateway MBM80-USB and MBM80-USB: 0,182 Power adapter: 0,176 Connector plug: 0,010  Degree of protection  IP51  Ambient temperature  0°C +40°C  Operating voltage  24VDC via power adapter 230VAC  Power consumption  5VA  Voltage output  12VDC, max. 500mA  Connection type  plug  Connection technology  screw terminals  Cable cross-section  Max. 1.5mm²  Mounting type  Desktop standing device  Operating time  continuous operation  Degree of pollution  2	Country of origin	EU/AT
Gateway 422-USB and 485-USB: 0,172 Gateway MBM80-USB and MBM80-USB: 0,182 Power adapter: 0,176 Connector plug: 0,010  Degree of protection  IP51  Ambient temperature  0°C +40°C  Operating voltage  24VDC via power adapter 230VAC  Power consumption  5VA  Voltage output  12VDC, max. 500mA  Connection type  plug  Connection technology  screw terminals  Cable cross-section  Max. 1.5mm²  Mounting type  Desktop standing device  Operating time  Degree of pollution  2	Height, width, depth (in mm)	Power supply: 32x59x100 + 2 meter connection cable
Ambient temperature 0°C +40°C  Operating voltage 24VDC via power adapter 230VAC  Power consumption 5VA  Voltage output 12VDC, max. 500mA  Connection type plug  Connection technology screw terminals  Cable cross-section Max. 1.5mm²  Mounting type Desktop standing device  Operating time continuous operation  Degree of pollution 2	Weight (in kg)	Gateway 422-USB and 485-USB: 0,172 Gateway MBM80-USB and MBM80-USB: 0,182 Power adapter: 0,176
Operating voltage 24VDC via power adapter 230VAC  Power consumption 5VA  Voltage output 12VDC, max. 500mA  Connection type plug  Connection technology screw terminals  Cable cross-section Max. 1.5mm²  Mounting type Desktop standing device  Operating time continuous operation  Degree of pollution 2	Degree of protection	IP51
Power consumption 5VA  Voltage output 12VDC, max. 500mA  Connection type plug  Connection technology screw terminals  Cable cross-section Max. 1.5mm²  Mounting type Desktop standing device  Operating time continuous operation  Degree of pollution 2	Ambient temperature	0°C +40°C
Voltage output  12VDC, max. 500mA  Connection type  plug  Connection technology  screw terminals  Cable cross-section  Max. 1.5mm²  Mounting type  Desktop standing device  Operating time  continuous operation  Degree of pollution  2	Operating voltage	24VDC via power adapter 230VAC
Connection type plug  Connection technology screw terminals  Cable cross-section Max. 1.5mm²  Mounting type Desktop standing device  Operating time continuous operation  Degree of pollution 2	Power consumption	5VA
Connection technology screw terminals  Cable cross-section Max. 1.5mm²  Mounting type Desktop standing device  Operating time continuous operation  Degree of pollution 2	Voltage output	12VDC, max. 500mA
Cable cross-section Max. 1.5mm²  Mounting type Desktop standing device  Operating time continuous operation  Degree of pollution 2	Connection type	plug
Mounting type Desktop standing device  Operating time continuous operation  Degree of pollution 2	Connection technology	screw terminals
Operating time continuous operation  Degree of pollution 2	Cable cross-section	Max. 1.5mm²
Degree of pollution 2	Mounting type	Desktop standing device
	Operating time	continuous operation
Rated surge voltage 1kV	Degree of pollution	2
	Rated surge voltage	1kV

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