Interface adapters

TECHNICAL DATA

Housing: plastic
Ingress protection: IP 20 / EN 60529
Dimensions: 95 x 70 x 25 mm

Interface adapter	Function		Interfaces	Power supply
VBus® / USB	With the RESOL VBus® / USB interface adapter, the controller can be connected to the USB port of a PC via the VBus®.	■ USB 2.0 full speed compatible ■ With mini USB-B port ■ Remote parameterisation of the controller via VBus® ■ Including standard USB / mini USB adapter cable	RESOL VBus® for the connection to the controller, mini USB-B	via USB
VBus® / LAN	The VBus® / LAN interface adapter is designed for the direct connection of the controller to a PC or router. It enables easy access to the controller via the local network of the owner. *	■ The network connection for your solar system ■ Access to the system via the complete network ■ Remote parameterisation of the controller via VBus®	RESOL VBus® for the connection to the controller, LAN connection RJ45 with 2 status LEDs	**Mains adapter input voltage:** 100 – 240 V~ (50 – 60 Hz) **Adapter input voltage:** 12 V⎓
VBus® / Modbus	The interface adapter is designed for the connection of the controller to a local network for communication via Modbus TCP / IP.	■ The network connection for your solar system ■ Access to the system via the complete network	RESOL VBus® for the connection to the controller, LAN connection RJ45 with 2 status LEDs	**Mains adapter input voltage:** 100 – 240 V~ (50 – 60 Hz) **Adapter input voltage:** 12 V⎓
VBus® / CANopen	The interface adapter is designed for the connection of the controller to a CAN bus device.	■ Communication between CAN bus devices	RESOL VBus®, CAN bus and MicroSD card	**Mains adapter input voltage:** 100 – 240 V~ (50 – 60 Hz) **Adapter input voltage:** 5V⎓
VBus® / BACnet	The interface adapter is designed for the connection of the controller to a local network for communication via BACnet / IP.	■ The network connection for your solar system ■ Access to the system via the complete network	RESOL VBus® for the connection to the controller, LAN connection RJ45 with 2 status LEDs	**Mains adapter input voltage:** 100 – 240 V~ (50 – 60 Hz) **Adapter input voltage:** 12 V⎓
VBus®-Repeater	The VBus®-Repeater amplifies the VBus® signal of a controller and supplies a current of 200 mA in total to modules connected.	■ Connect multiple modules to one controller ■ Maximum current supply of 200 mA ■ VBus® cable extension of up to 150 m in total possible	**Inputs:** 1 RESOL VBus® master (controller) **Outputs:** 3 RESOL VBus® devices (modules, e.g. AM1, SD3, 200 mA in total)	**Mains adapter input voltage:** 100 – 240 V~ (50 – 60 Hz) **Repeater input voltage:** 12 V⎓ / 0.5 A 5.5 × 2.5 mm

* VBus.net access is not possible with this product. For VBus.net access, you will need a KM2 Communication module or a DL2 / DL3 Datalogger

Article no.	Article	Price bracket
180 008 50	VBus® / USB interface adapter – PC connection kit for controllers with VBus® » incl. Service CD	B
180 008 80	VBus® / LAN interface adapter – network connection set for controllers with VBus® » incl. Service CD	B
180 012 50	VBus® / Modbus interface adapter – for communication via Modbus TCP / IP	B
180 012 60	VBus® / CANopen interface adapter – for connection of the controller to a CAN bus device	B
180 012 70	VBus® / BACnet interface adapter– for communication via BACnet / IP	B
180 010 40	VBus®-Repeater – VBus® signal amplifier	B