

Interface adapters



TECHNICAL DATA

Housing: plastic

Ingress protection: IP 20/EN 60529

Dimensions: 95 x 70 x 25 mm

RESOL®
CONTROL TECHNOLOGY

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®.	<ul style="list-style-type: none"> ■ 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.*	<ul style="list-style-type: none"> ■ 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.	<ul style="list-style-type: none"> ■ 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®/CAN-Bus	The interface adapter is designed for the connection of the controller to a CAN bus device.	<ul style="list-style-type: none"> ■ Communication between CAN bus devices 	RESOL VBus® and CAN bus	Mains adapter input voltage: 100–240 V~ (50–60 Hz) Adapter input voltage: 12 V==
VBus®/BACnet	The interface adapter is designed for the connection of the controller to a local network for communication via BACnet/IP.	<ul style="list-style-type: none"> ■ 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®/SmartHome	The interface adapter is designed for the connection of the controller to a home automation system via wibutler.** For use in Europe only!	<ul style="list-style-type: none"> ■ Heating control via the wibutler 	RESOL VBus® for the connection to the controller; MicroSD card	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.	<ul style="list-style-type: none"> ■ 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 x 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

** For connection to the DeltaTherm® HC mini from version 1.01

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