

# PONLINE Butler-RTU

## Universal telecontrol solution for transformer stations and redispach 2.0

The PONLINE Butler-RTU connects distribution network stations very easily and cost-effectively to higher-level telecontrol levels. Via secure connections the data can be transmitted e.g. via IEC 60870-5-104 or MQTT. An integrated UPS module buffers data of the connected devices in case of power failure.



### **Multitalent in communication and encryption**

Control station protocols such as IEC 60870-5-104 or MQTT are supported, encryption is via VPN, openVPN or IPSec.

### **Fault and measured value acquisition medium voltage**

The PONLINE Butler-RTU can be ideally used in conjunction with the IKI-23 or IKI-50 series. In addition, further information from the distribution network station can be processed via digital inputs and outputs.

### **Easy remote control parameterization**

The data points can be easily configured or can be pre-configured at the factory.

### **Universal connection to SCADA**

Visualization can be done via existing control systems or via our PONLINE-Connect.



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## Variants

Item number	Description
2503400_H001	Ponline Butler-RTU Universal remote control solution for transformer stations and Redispatch 2.0
2503400_H002	Ponline Butler-RTU_IO Universal telecontrol solution for transformer stations and Redispatch 2.0   additional IOs
2503400_H003	Ponline Butler-RTU_16I Universal telecontrol solution for transformer stations and Redispatch 2.0   16 inputs

## Technical Data

### Device data

Article number	2503400_H001
Product designation	Ponline Butler-RTU Universal remote control solution for transformer stations and Redispatch 2.0

### Dimensions and installation instructions

Case height x width x depth	300 x 250 x 150 mm
Installation type	Wall mounting
Housing material	Metal

### Operating conditions

Operating temperature	-25°C ... 65°C
Storage temperature	-25°C ... 60°C
Protection class	IP65

### Interfaces and communication

SIM card format	Micro / Nano
Modbus-RTU	✓
Modbus RTU Master	✓
MQTT	✓
GSM modem (2G, 3G, 4G LTE)	✓
IEC 60870-5-104 Slave	✓
VPN	IPSec, OpenVPN
LAN connection	✓
Transmission type Measured values and error messages	Spontaneous, Cyclic



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## Interfaces and communication

Digital Inputs	0
Signal outputs	0

## Power supply

Auxiliary power supply	100 ... 240 V AC (24 - 28 V DC auf Anfrage)
Capacitor buffer	✓
Buffer time of capacitor buffer	ca. 5 Minuten



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