ISO-RS485

The **ISO–RS485** isolator is designed to provide galvanic isolation between two segments of an RS–485 bus. This ensures protection of the bus against electromagnetic interference and electrical faults. Additionally, the isolator amplifies and stabilizes the transmitted signal, enabling extension of the bus length by up to 1000 meters. The device can also be used to create a branch on the bus.



- galvanic isolation between two RS–485 bus segments (e.g. two groups of devices on the bus)
- protection against electromagnetic interference and electrical faults
- signal stabilization and amplification
- capability to extend the bus length by up to 1000 m
- ability to create a branch (stub) on the bus
- screw terminals for RS–485 bus connection
- supply voltage: 6...24 V DC
- LED indicators for bus connection status and power supply

Operating temperature range	-10°C...+55°C
Max. current consumption	42 mA
Weight	36 g
Maximum humidity	93±3%
Dimensions	68 x 35 x 22 mm
Power supply voltage	6...24 V DC

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.