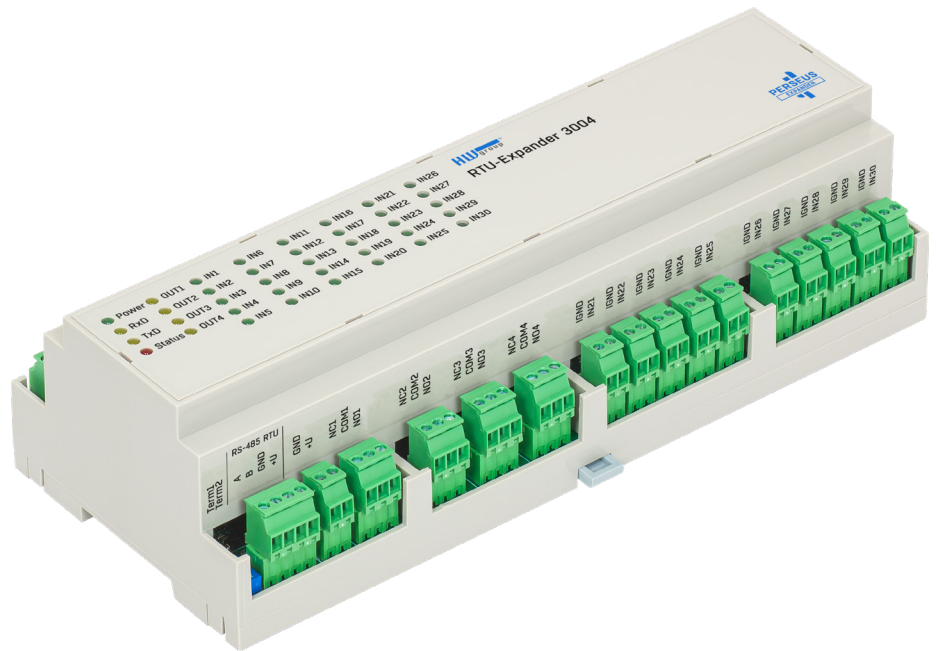


RTU-Expander 3004

A 12-module DIN rail device with RS-485 Modbus RTU interface. Offers 30 digital inputs with S0 counters and 4 digital relay outputs. This expands the Perseus Industrial I/O capabilities over Modbus/RTU.



Multiple RTU-Expanders can be daisy-chained from the RS-485 terminal block. All of these can be powered with a nominal voltage of 12 V (GND and +U) via the RS-485 terminal block.



Digital Input with
S0 counter



Digital Output
(relays)

Measurement	
Cable length	none
Galvanic isolation	✓

Features

- DI (Digital Inputs): 30× S0 pulse DI compliant with EN 62053-31, Class B
- Detectors: smoke, door contact, motion, power presence, etc.
- DO (Digital Outputs): 4× DO (relays)

Applications and usage

- I/O expansion for Perseus platform

Type	
Environment	Industrial
Installation	DIN
Protection	IP40
Connectors	Terminal Block

Power and dimensions	
Power supply	RTU 12V
Operating environment	-30 to +65 °C (-22 to +149 °F) 5 % RH – 95 % RH
Storage environment	-30 to +65 °C (-22 to +149 °F) 5 % RH – 95 % RH
Weight	383 g
Warranty	24 months

