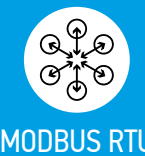
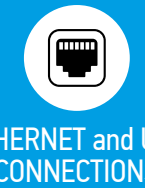


REPORT

8A SERIES

PROGRAMMABLE LOGIC RELAYS

OPTA



OPTA - PROGRAMMABLE LOGIC RELAYS (PLRs)

8A Series

Easily create industrial, OEM and building automation programs with OPTA PLRs using traditional IEC 61131-3 languages (LADDER, FBD, etc.) with either CODESYS or ARDUINO PLC IDE.

OPTA

EXPANSION MODULES



Switch mode power supplies



(according to type)



opta.findernet.com



- Supply: 12...24 V DC
- 8 Digital/Analog (0-10 V) input
- 4 NO relay output contacts, rated 10 A
- Each individual PLR can manage up to 5 expansion modules
- USB (type C) High Speed port for:
 - Programming
 - Powering during configuration
 - Data logging (via memory stick) - ARDUINO
- RJ45 for Ethernet connections or MODBUS TCP/IP

OPTA



OPTA LITE

Type 8A.04.9.024.8300 (ARDUINO)

- RJ45 + USB (type C)

OPTA PLUS

Type 8A.04.9.024.8310 (ARDUINO)

- RJ45 + USB (type C)
- RS485 Port for MODBUS RTU connection

OPTA ADVANCED

Type 8A.04.9.024.8320 (ARDUINO)

Type 8A.04.9.024.832C (CODESYS)

- RJ45 + USB (type C)
- RS485 Port for MODBUS RTU connection
- Wi-Fi/BLE integrated module - ARDUINO

OPTA

EXPANSION MODULES

The OPTA expansions are designed to add inputs / outputs to the system, with a maximum of five expansion modules per OPTA.

Connection is via the OPTA AUX auxiliary port.

Auxiliary port for connecting
EXPANSION MODULES
to the CPU



EMR

Type 8A.58.9.024.1600 (ARDUINO)

Type 8A.58.9.024.160C (CODESYS)

- 16 digital/analog (0...10 V) inputs
- 8 EMR 6 A outputs
- Nominal voltage 12...24 V DC

SSR

Type 8A.88.9.024.1600 (ARDUINO)

Type 8A.88.9.024.160C (CODESYS)

- 16 digital/analog (0...10 V) inputs
- 8 SSR 3 A outputs up to 50 A - 5 ms
- Nominal voltage 12...24 V DC

ANALOG

Type 8A.26.9.024.0600 (ARDUINO)

Type 8A.26.9.024.060C (CODESYS)

- 6 analog (0...10 V, 4...20 mA, PT 100 2-3 wires) inputs - programmable up to 8
- 2 analog (programmable up to 8) (0...10 V, 4...20 mA) outputs
- 4 PWM outputs
- Nominal voltage 12...24 V DC

Low profile switch mode power supplies with DC output

- Designed for SELV systems (EN 60950)
- Thermal protection: internal, with Vout shutdown - power OFF to reset
- Short circuit protection: auto-recovery
- Overvoltage protection: Varistor
- Low stand-by power consumption
- Compliant with: EN 60950-1 and EN 61204-3



Type 78.12.1.230.2482
Up to 1 OPTA and
5 expansion modules

- Output: 24 V DC - 0.5 A, 12 W
- Peak current: 2 A



Type 78.25.1.230.2482
Up to 2 groups of 1 OPTA
and 5 expansion modules

- Output: 24 V DC - 1 A, 25 W
- Peak current: 3 A