

# REPORT

## 8A SERIES PROGRAMMABLE LOGIC RELAYS

# OPTA



OEM PROJECTS



Wi-Fi and BLUETOOTH



INDUSTRIAL APPLICATIONS



ETHERNET and USB CONNECTIONS



BUILDING AUTOMATION



SECURE



VERSATILE



MODBUS RTU and TCP/IP CONNECTIONS

## PROGRAMMABLE LOGIC RELAYS

The unique 8A Series of PLRs from Finder and Arduino Pro

Easily create applications for industrial automation, OEMs and building automation.

Programming with ARDUINO IDE - open source or using ARDUINO PLC-IDE, for traditional IEC 61131-3 (LADDER, FBD, etc.) languages.

(according to type)

## OPTA EXPANSION MODULES



Easily expand the PLR's potential for greater flexibility



Compact switch mode power supply, designed for use with OPTA

# OPTA

The unique 8A Series of **PLRs** from Finder and Arduino Pro



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

## OPTA LITE

Type **8A.04.9.024.8300**

- RJ45 + USB (type C)

## OPTA PLUS

Type **8A.04.9.024.8310**

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

## OPTA ADVANCED

Type **8A.04.9.024.8320**

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

# OPTA

## EXPANSION MODULES

Easily expand the PLR's potential for greater flexibility



Connection via the auxiliary port

## EMR

Type **8A.58.9.024.1600**

- 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**

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

## ANALOG

Type **8A.26.9.024.0600**

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

## POWER SUPPLY

Compact switch mode power supply designed for use with OPTA



Type **78.12.1.230.2482**

- 24 V DC power supplies
- Peak current: 2A
- 12 W, only one module wide (17.5 mm)
- Short circuit protection
- Thermal protection
- Overvoltage protection
- SELV