

OPTA

FOCUS

findernet.com



PROGRAMMABLE LOGIC RELAYS

The unique 8A Series PLRs from FINDER and ARDUINO



OPTA applications for your projects

OPTA represents a complete range of **PROGRAMMABLE LOGIC RELAYS**, which are perfect for applications in **industrial automation, OEM and building automation**.

These devices are programmable with both **traditional IEC 61131-3 languages** (such as Ladder and FBD), as well as with the innovative and free, open source **Arduino IDE platform**.

What is the scope of these devices?

OPTA's applications are countless, thanks to the device's power and connectivity options, as well as to the wide range of libraries and sketches/software available within the Arduino Pro platform.

Integrating **OPTA** into an existing project is easy. Using a remote connection (via Bluetooth or Wi-Fi), you can easily replicate existing programs.

OPTA Ideas, opportunities, suggestions



INDUSTRIAL SECTOR

Boost Automation with a secure, Industry 4.0 control system



Target



- Manufacturing plants
- Machinery
- Industrial automation
- Utilities
- Logistic hubs



Benefits



- Remote programming and operation
- Productivity improvement
- Software portability
- Industry 4.0 capability for industrial equipment
- Process and cycle time optimisation
- KPI tracking, accurate data logging
- Security through X.509 certificates
- Modify existing installations with minimal effort



COMMERCIAL SECTOR

Smart and reliable management of electrical loads



Target



- Airports
- Shopping malls
- Exhibitions
- Underground car parks
- Facilities management
- Smart city infrastructure providers
- Smart parking
- Corporations



Benefits



- Intelligent optimisation of energy management and power consumption
- Automated security lighting
- Improved user experience
- Enhanced security using access control
- Faster access authorisation processes



RESIDENTIAL SECTOR

Improved comfort and quality of life at home and at work



Target



- HVAC systems
- Industrial air conditioning/cooling
- Home automation
- Smart buildings



Benefits



- Ease of initial installation and of ongoing upgrades
- Attractive dashboard design
- Alarm configuration

OPTA

Discover the range

LITE



Type 8A.04.9.024.8300

- 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
 - Data logging (via memory stick)
- RJ45 for Ethernet connections or MODBUS TCP/IP

PLUS

+ RS485



Type 8A.04.9.024.8310

- 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
 - Data logging (via memory stick)
- RJ45 for Ethernet connections or MODBUS TCP/IP
- RS485 Port for MODBUS RTU connection

ADVANCED

+ WIFI and BLE



Type 8A.04.9.024.8320

- 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 and Power delivery
 - Data logging (via memory stick)
- RJ45 for Ethernet connections or MODBUS TCP/IP
- RS485 Port for MODBUS RTU connection
- Wi-Fi/BLE integrated module

Contact us to integrate OPTA into an existing project