



How easy are RS-Logix Add-On Instructions?

Integrating the WAGO-I/O-SYSTEM with
WAGO Add-On Instructions is as

Easy as 1, 2, 3 . . . !

Upgrade your Allen-Bradley® Logix System with Add-On Instructions

WAGO offers many ways to increase the performance of a new or existing Allen-Bradley® controller. Due to the compact size, modularity and flexibility of the WAGO-I/O-SYSTEM, solutions that are both cost effective and save space, as well as add powerful functionality, can be offered.

Now, with the addition of WAGO predefined Add-On Instructions for use within RS Logix™ 5000, users of ControlLogix®, CompactLogix®, and DriveLogix® can easily and cost effectively add the below listed functionality with the use of a WAGO bus coupler and

the corresponding I/O module. Note: standard analog and digital I/O functions can also be added as part of the WAGO solution.

To use Add-On Instructions, you must have RS Logix™ 5000 (version 16 and up) and the WAGO predefined Add-On Instruction XML file. Implementation is as simple as using the import feature in RS Logix, selecting the proper file, and inserting it into your existing PLC code (supports both relay logic and structured text programming languages). The file comes fully documented and looks like part of your RS Logix™ 5000 software. All that is left is to establish the parameters required for your application.

Predefined Add-On Instructions (available or in development)

- Serial Communications
- Stepper Motor Control
- Vibration Monitoring
- DC Motor Control
- HART Device Monitoring
- 3 Phase Power Measurement
- AS-Interface Gateway
- 2-Channel Thermocouple
- Input Module
- DALI Lighting Control

Existing/Legacy Applications

As the demands on existing applications increase, engineers are faced with the decision to upgrade/update or replace existing control systems. While adding functionality to an existing control system is often the more affordable approach, consideration of the PLCs' available resources must be made.

If the PLC has little or no capacity, Allen-Bradley® users can incorporate WAGO programmable controller products to take advantage of their cost effectiveness, compact size, special function modules and processing power with capabilities such as PID loop control.

While these controllers serve to off load the existing PLC, they do require the use of the WAGO programming software – WAGO-I/O-PRO.

If the PLC has capacity, Allen-Bradley® users can incorporate WAGO bus-coupler products to take advantage of their cost effectiveness, compact size, and special function modules. For this case, WAGO has developed predefined Add-On Instructions for use within RS Logix™ 5000, allowing Logix system users to take full advantage of the WAGO-I/O-SYSTEM without the need for separate programming software.

To register for your "free" Add-On Instruction file visit www.wago.us/add-on.htm

New Applications

New applications can also benefit from the WAGO-I/O-SYSTEM as it is often more cost effective than the combination of expansion racks and PLC I/O cards. With the WAGO pre-defined Add-On Instructions, Allen-Bradley® users can continue to use their Logix system CPU and software, but use the WAGO-I/O-SYSTEM for their input and output requirements – including special functions. As a result, I/O expansion is not just limited to standard analog or digital signals.

Exclusive Feature

All EtherNet/IP bus-couplers also have Modbus/TCP (UDP) communication built-in as a standard, i.e. out of the box. This allows the coupler to be used as a gateway to both protocols.

Additional Benefits of the WAGO-I/O-SYSTEM

- 1, 2, 4, 8 or 16 channel I/O modules allow optimization of I/O nodes – buy only the I/O you need.
- Over 300 different analog, digital and special function I/O modules – one for every application.
- Rack-less DIN rail mount design facilitates easy I/O expansion – no chassis required.
- Compact housing takes up less panel space and allows the option of locating the I/O closer to the process.

Bus-couplers and Accessories

Starting at \$319.50...

ECO
750-352



Classic
750-341



Programmable
750-841



Multi-port
750-871



750-873



EtherNet/IP



750-346



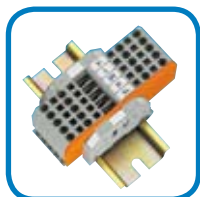
750-306



750-806

DeviceNet

Starting at \$241.50...



**DeviceNet
Multi-Port Taps**



**Ethernet
Accessories**



**AB Interface
Modules and Cables**

