

# 353 RetroPAK

*Replaces Siemens 353 and Moore 352 controllers*

*Upgrade to latest technology without changing form factor*

*Lower support, re-engineering & installation costs than the alternatives*

*Easier, more informed operation*

- Robust, highly visible display
- Expanded operating and alarm information for better operations
- State-of-the-art surface mount technology
- Peer-to-peer, Modbus RS-485 and Ethernet Modbus/TCP communication
- Fits same panel cutout
- Moore 352 and Siemens 353 factory configured options and function block library
- Portable Memory Module
- **2-year Warranty**



Investing in instrumentation that helps get the most out of your process is an important decision. Preserving that investment into the future becomes increasingly difficult with today's changing technology. Learning new operating techniques and configuration tools, re-wiring or replacing existing control panels, or purchasing new cabinets can all be significant costs in updating a control system.

MicroMod understands the dilemmas facing companies who need to stay up-to-date and able to support their control systems, without abandoning their control philosophy or incurring large up-front installation costs.

The 353 RetroPAK provides a pain-free migration path from Moore 352 and Siemens 353 controllers to the latest technology. It includes the features that made these controllers so popular, combined with a bright, informative operator display. In addition, it offers a host of other powerful features that make RetroPAK the logical choice for replacing aging Moore 352 and Siemens 353 controllers.

### **352 and 353 Functionality**

The 353 RetroPAK provides the same process control functions found in the Moore 352 and Siemens 353 controllers. Factory templates (FCO's) that can be loaded from the front keypad along with a library of function blocks in the Windows-based configuration software means less time invested in learning new programs and re-engineering your system.

### **Flexible, High-Visibility Display**

The 353 RetroPAK controller's vacuum fluorescent display is bright, easy to read, and visible in virtually any light conditions, from any angle. It provides more process, alarm and diagnostic information for more efficient operation. Plus, the RetroPAK controller's display is configurable, so you can create operating displays for sequences, discrete device handling, recipe selection and other process operations as well as the standard PID control loop display and operation.

### **Step-by-Step Upgrade**

353 RetroPAK makes it possible to modernize your control system in logical increments while retaining familiar operating and control techniques. Your initial investment can be as small as a single loop, with the capability to expand to a full plantwide system as your budget allows.

### **Flexible Communications**

353 RetroPAK includes the MicroMod peer-to-peer network for communication between controllers, so you can duplicate your existing control strategies. It also provides a second communication port as standard: choose from Modbus RS-485 or Ethernet Modbus/TCP for integration with PC software packages, plantwide networks or building automation systems.

### **Reliability. Guaranteed.**

System availability is critical to your profitability. The 353 RetroPAK is so reliable we provide a 2-year warranty as standard, with the option for up to 5-year warranty.

### **Right Fit for Retrofit**

For replacing existing Moore 352 or Siemens 353 controllers, there's no easier or more economical way to go. 353 RetroPAK controllers have virtually the same I/O as the Moore 352 and Siemens 353 controllers, and fit into the same bezel and panel cutout.

### **Unparalleled Security**

With 353 RetroPAK controllers, you get even more security. Portable memory modules, data quality monitoring, configurable failsafe values and cut-wire detection are standard with RetroPAK. Power recovery settings can be configured for every parameter, so you can start up immediately after a power failure in warm- or cold-start conditions.

### **352/353..and more!**

The 353 RetroPAK has the power to take your control system beyond the original Moore 352 or Siemens 353 installation and optimize your application for today's control requirements. A wide selection of digital and analog I/O modules, control loops, sequence and logic control, and more allow many strategies to be implemented in a fewer number of controllers, saving money and space.

For replacing obsolete Moore 352 or Siemens 353 controllers, there's no more cost-effective alternative than MicroMod's 353 RetroPAK!

For technical data or to request a quote, visit our website at:

[www.micromod.com/siemens-353-replacement](http://www.micromod.com/siemens-353-replacement)

