

Message Database

With Tough SmartMarquee, messages displayed can be Stationary, Scrolling or Blinking based on the embedded codes in an ASCII string. These messages along with their display characteristics are stored inside the Tough SmartMarquee.

The number of messages stored are practically unlimited. Messages can be imported from and exported to an Excel spreadsheet.

Alarms & Alarm Database

Tough SmartMarquees offer a sophisticated Alarm system. It allows you to monitor events (bits), and values (registers). The values can be monitored for a variety of conditions (=, >, <, in/out of range). The alarms can be selectively displayed, printed and/or logged. The alarms are also stored in a separate alarm database which can also be imported from or exported to Excel spreadsheet.

Math-logic/Multi-function Buttons, Overlapping Objects

Master Tough SmartMarquees offer a sophisticated control, called the Multi-function Object. As the name implies, this Object allows you to perform multiple functions, including Mathematical and Logical operations on PLC data. For example, you can set/reset multiple bits & transfer constants

or variables or expressions to tags. Remarkably, this Benefit allows a user to perform up to 20 operations with one Object. Master Tough SmartMarquee also allows you to perform these Multiple functions under the PLC control a very useful feature to offload mathematical & logical computations from the ladder logic to the Marquee.

Move
Allows to Set a bit,
Reset a bit,
Variable=Constant,
Variable1=Variable2

Math
Absolute Value
Add
Division
Modulo
Multiplication
Negate
Round
Logical

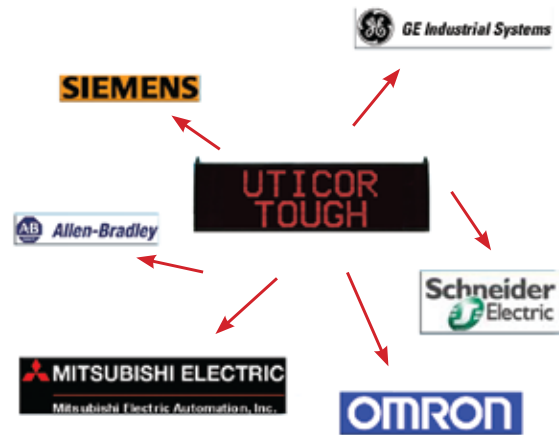
AND
NOT
OR
Shift Left shift Right
Subtract
XOR

MULTI-FUNCTION



Connects to most Major PLCs and Networks

Uticor Tough Master Marquees connect to Allen Bradley, Modicon, Siemens, Mitsubishi, DH+, Profibus, etc. Essentially all drivers serial as well as Network that are available on Toughpanels are also incorporated into master Tough SmartMarquees.



Software

Master Tough SmartMarquees are programmed using an easy, Windows based programming software. This software contains message import/export capabilities to other applications.

