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ELECTRONIC ASSEMBLY

new display design

MMS-e

MMS Electronics Ltd
South View Business Park
Ghyll Royd
Guiseley LS20 9PP
Tel +44 (0)1943 877668
sales@mms-e.co.uk

Control Units with Touch Panel

- opt. Mounting Panel / Case
- RS-232 / RS-422
- 5V, 12V, 24V Supply Voltage
- up to 16 digital I/O's
- Blue-White or Yellow/Green
- Simulator Software for Windows®
- Short Lead Time



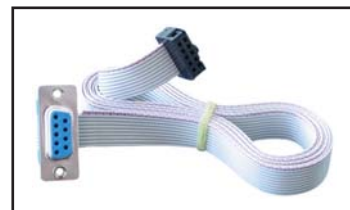
The Easy Way for Communicaton

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The EA KIT-series has built up it's reputation within many different applications as a smart control panel. The outstanding attributes of the well proved KIT-series are the cross-platform and simplicity to use. There's no need to learn a complicated programming language and work-in tools and driver. Once created, all screens are compatible in blue-white and yellow/green.

The display content is built-up with the useage of simple commands. In addition to that there are many port macros and touch macros they do start automatically when any digital input changes or a key on touchpanel is pressed. For some additional informations a separete dotmatrix LCD display with up to 4x20 characters can be connected directly (EA KIT320-8 only).



As usual these functions are easy to use. „Programming“ is done via standard RS-232 interface and a Windows tool. Even assembling is quickly done with the help of our anodized aluminium bezels.

Display Output

16 different fonts are built in to watch machine settings or error messages. All characters can be zoomed and displayed horizontal or vertical - accurate to the pixel !

Many graphics functions are built in for easy drawing: place box, draw line, automatically scaled bargraph and so on. No need to say that these control units can store and display many bitmaps, company logos and help text.

Input per Touch Panel

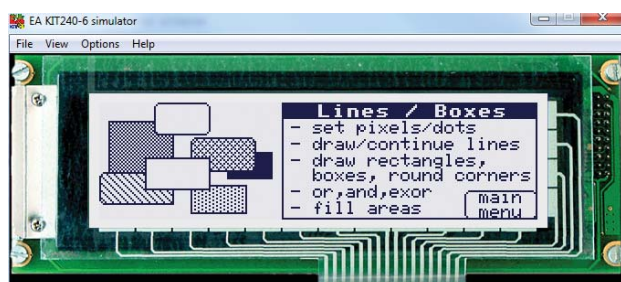
With a light touch on the display you are able to control a machine or any device in a smart way. The display is sensitive for pressure i.e. control can bo done with finger or pencil for example. Even with very dry hands or using a glove you are able to control your equipment in a safe way.

On the first glance a touch panel based system seems to be just innovative and space-saving in comparison to a standard keyboard. Looking twice there are many other advantages: above all flexibility allows to change key pad and legend at any time. Thus even for 1 pc. off control panel can be produced with

different languages ! Also during run time key pads can be modified in size and position. According to the display content the same key pad may become a different function. Other key pad may be turned off. Double booking is no longer necessary. This makes operation much more simple and prevents operating error. Flexibility is even more: thanks to the built-in FLASH/EEPROM it is possible to download a complete new touch panel definition after sales, too.

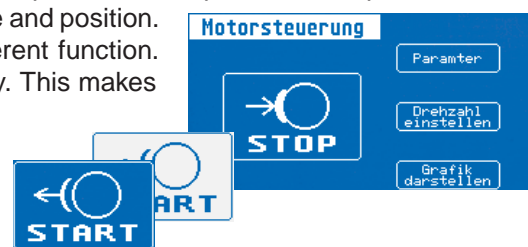
Control Function

With the help of built-in macro function complex screens can be programmed clearly and easily. Linking different macros allows simple control sequence. Touching the display surface starts a so called Touch Macro, which may include many commands. Also a digital signal coming from external may start an individual Port Macro. Exceeding or fall below a voltage limit may start an Analogue Macro. Up to 8 switching output and the serial interface RS-232 can control external equipment.



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Simulation software for Windows®

The new software „ELECTRONIC ASSEMBLY LCD-Tools“ allows full simulation of pictures and macros on a standard pc screen. Start the free download right now: <http://www.lcd-module.com/products/touch.html> and be convinced from the multi-functional and easy programming of the EA KIT-series. Moreover at our website you will find all informations and a complete user manual for each individual control unit.

