IMPORTANT PRODUCT INFORMATION

READ THIS INFORMATION FIRST

Products: 6" QuickPanel™ Control   IC754CBL06CTD-LK
                                        IC754CSL06CTD-LK

             6" QuickPanel View   IC754VBL06CTD-LK
                                        IC754VSL06CTD-LK

The products listed above incorporate a new version of the Windows™ CE operating system. Full details are provided below.

Documentation

Hardware User's Guide: GFK-2243G or later

Upgrades

Contact your GE Fanuc sales representative or distributor for details.

Functional Compatibility

Proficy™ Machine Edition (and earlier CIMPLICITY Machine Edition) projects for the existing Windows CE based QuickPanel models are compatible with the new models (see "Operational Notes" below).

In the new version of the QuickPanel products, the Soft Input Panel (SIP) now defaults to Small Keys mode. In previous versions, the SIP defaulted to Large Keys mode. The arrangement and availability of keys is different in the two SIP modes. For example, there are no numeric keys in Large Keys mode. You can configure the SIP mode from the Control Panel (Start→Settings→Control Panel→Input Panel). Select the Options button on the Input Panel dialog to change the SIP mode. Run the BackUp utility to preserve the changed setting over power cycles.

Problems Resolved by this Revision of Product

The models listed above include a new version of the Windows CE operating system, v2.00.0026, which incorporates a number of corrections from previous versions of the operating system.

1. The locale specific settings for number format, currency, time & date are now saved correctly over a power cycle.

2. Version and other details describing the QuickPanel's hardware and software are now savable to a file on the QuickPanel. This information is accessed via the System Information icon on the Windows CE desktop.

3. Restoring Proficy Machine Edition Projects backed up on QuickPanel operating system version Build 45 or earlier now works properly.

4. The Ethernet driver in the QuickPanel has been changed to prevent running out of packet buffers under certain high traffic network conditions.

5. Restoring files or projects to the QuickPanel no longer causes the QuickPanel to become unresponsive if the CF card is removed or if the internal flash memory is full.

6. The Network Control panel no longer allows setting static IP addresses of type Class D or Class E. In previous versions of the products, Class D and Class E IP addresses would effectively disable the Ethernet port.

New Features and Enhancements

The new version of the Windows operating system included in the new QuickPanel is based on Windows CE v5.0 and includes a number of new features.

1. Secure FTP Server: A server supporting the File Transfer Protocol is now included in the QuickPanel. The server supports both secure and non-secure operation to transfer files to or from the QuickPanel over a network. Restrictions apply on where files written to the QuickPanel may be stored.

2. Simplified Network Time Protocol: The QuickPanel internal clock can now be synchronized to a network timeserver. Configuration of this feature is available from the SNTP tab located on the Date/Time Control Panel applet.

3. Improved File System Management: Access to the internals of the file system now allow the QuickPanel BackUp utility to ensure that user configured system settings are saved immediately.

4. Daylight Savings Time (DST): The QuickPanel supports the new rules enacted in 2007 changing the starting and ending dates of the DST period ensuring the QuickPanel can automatically adjust for daylight savings time correctly.

5. Backlight Auto-Timeout: The Control Panel dialog for configuring the backlight auto-timeout no longer displays the single time period selection in a drop down list. The previously available selection was 60 minutes and the timeout period is now fixed to this interval.

Restrictions and Open Issues

The new version of the operating system includes substantial changes provided by Microsoft. These changes have increased the amount of DRAM memory used by the operating system from 14.6 Mbytes to 15.8 Mbytes. This reduces the amount of memory available for user applications by 1.2 Mbytes. Very large applications or projects may not be able fit into on-board memory. In this case, additional DRAM memory (IC754ACC32MEM or IC743ACC64MEM) may be added to the DIMM memory expansion slot.

The amount of available flash memory, 16 Mbytes, is not affected by the new operating system.

Operational Notes

CIMPLICITY Machine Edition v4.5, or later versions (or in later revisions, Proficy Machine Edition) is required in order to configure the products listed above.

Users must supply an isolated DC supply to power the products listed above. The power input to the QuickPanel must be limited by a slow blow fuse not to exceed a maximum of 100VA. For <20Vdc input the fuse must be rated for no more than 5A.