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HT3P Safety Commander™ from IDEC

## **Ergonomic and affordable safety features for tablets used in industry settings**

**The new HT3P Safety Commander™ from IDEC Corporation offers an ideal solution for controlling, teaching, programming, and servicing robots and industrial machines using a tablet with a high degree of convenience and reliability. The system is an attractive option for adding ergonomics to any standard tablet at affordable prices with the operational safety stipulated by the ISO/IEC safety standards.**

Combining the HT3P Safety Commander™ with a tablet creates a compact, affordable, and at the same time rugged control terminal with an easy-to-use touch panel and all safety switches primarily required in industrial applications.

The tablets equipped with the HT3P Safety Commander™ are primarily used in a wide range of control functions for large-scale equipment and machines, such as in automotive and semiconductor manufacturing. This includes production lines, automatic chip placement machines as well as automated guides vehicles (AGV) and autonomous mobile robots (AMR). Other potential applications include robot teaching and servicing automated car parking systems.



**IDEC's innovative HT3P Safety Commander™ easily and affordably turns any standard tablet into a rugged control terminal with a easy-to-use touch panel and all the standard-compliant safety features required for industrial applications.**

### **Optimized operability, ergonomics, and ruggedness**

In the event of an emergency, the HT3P Safety Commander™ is fitted with the XA1E emergency stop switch also developed by IDEC which includes a safety lock mechanism, a safe break action structure, direct opening action, and an LED status display. The integrated three-level IDEC HE5B enabling switch (OFF→ ON→OFF) provides additional occupational safety.

Thanks to the IP54 protection rating, the HT3P Safety Commander™ is protected against dust and splashing water. In addition, it features drop resistance of up to 1.2 meters and a key locking function for locking down the telescope brackets.

The HT3P Safety Commander™ is suitable for both right-handed and left-handed users. Rubber grips as well as the ergonomic design of the enabling switch allow for easy handling and operation at all times.



Thanks to the integrated IDEC enabling and emergency stop switches, the HT3P Safety Commander™ provides for both ergonomic operation and controlling of industrial systems and devices that is safe at all times.

### **Affordable safety solution with simple attachment**

The HT3P Safety Commander™ can be easily attached to any commercial tablet in just a few steps. No additional hardware is required and adjustments or upgrades can be handled readily at the software level.

Process efficiency is also increased on site in daily practice: Thanks to the removable HT3P Safety Commander™, e.g., work can be carried out at multiple positions of the production chain with a single tablet. This eliminates the need to install fixed touch panels at every individual workstation.

### **Highly flexible fields of application**

Since the brackets rotate, tablets can be used both in vertical and horizontal orientation with the HT3P Safety Commander™. In addition, the emergency stop switch can be positioned so that it can be activated immediately in the event of an emergency.

The adjustable docking structure of the HT3P Safety Commander™ can be adjusted quickly and easily to fit screen sizes from 8 to 11 inches. Using a spacer, the HT3P Safety Commander™ can also be attached to rugged tablets with thicknesses up to 24 mm. The USB port of the HT3P Safety Commander™ allows charging even while in use so that there is always enough battery power.



**The HT3P Safety Commander™ makes it possible to use tablets both in vertical and horizontal orientation while being mounted safely and offering a high degree of flexibility. In addition, the enabling and emergency stop switches can be positioned so that they can be activated conveniently and as quickly as possible at any time.**

### Brief profile of APEM & IDEC groups

APEM designs and manufactures professional products in the field of switching technology for diversified markets with the highest demands. The group of companies with headquarters in France ranks among the leading international manufacturers of human-machine interfaces in the field of electromechanical engineering. In 2017, APEM merged with IDEC, a leading manufacturer of industrial automation and control equipment. The merger created one of the world's largest manufacturers of components, panels and systems in the field of human-machine interfaces (HMI) with annual sales of almost 550 million US dollars.

Relevant markets for APEM and IDEC are first and foremost all industries with particularly high safeguarding requirements, as well as those in which components, vehicles and machines designed for use in challenging environments are manufactured. These include industry/automation, construction and agriculture, military, aviation and material handling as well as the entire safety sector. In all of these industries, the concept of "reliability under all conditions" plays a decisive role when selecting the optimum switch. Specifically, this requires (for example) components that are shielded against dust, water and electromagnetic pulses, protection against vibration and shock, and secure access controls on the basis of key switches. Especially in industrial applications, the prevention of unintentional actuation is of critical importance. Among other things, safety covers – for example, made from thermoplastic materials – can help to increase operating safety and thus to prevent accidents and harm to people and property.



Both APEM and IDEC have been recognized for decades as manufacturers of reliable, high-quality products. With its proven safety components, such as emergency stop and enabling switches, IDEC in particular is considered a pioneer in this field. The area of safety and security for industry, business and the military is practically part of the DNA of both companies and will therefore remain a core product segment for us in the future.



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About IDEC: Headquartered in Osaka, Japan, IDEC Corporation is a global manufacturer known worldwide for over 75 years for its reliable control and automation products. In Europe IDEC, through its daughter company APEM, has representation in over twenty countries to assist customers with choosing the right switches, relays, power supplies, PLCs, Operator Interfaces, sensors and more. A leader in the industry, IDEC produces only the highest quality products.

For additional information, visit [www.idec-emea.com](http://www.idec-emea.com)

