Portable Enclosures Integrate Ergonomic Handle

OKW has launched the new ‘CARRYTEC’ range of plastic enclosures for portable electronics equipment. These enclosures have a modern contoured design and feature an integrated handle which is ergonomically designed for convenient carrying during operation. Typical applications will include medical and wellness equipment, data recording and monitoring, communications technology, safety systems, measuring and control instruments, and agricultural and forest management electronics. At launch the ‘CARRYTEC’ Series is available with external dimensions of 8.74” x 8.07” x 3.15” (Size S). An additional version (Size M) will be added to the range in the spring of 2012. The enclosures are molded in two different materials: off-white ABS (UL 94 HB) which is appropriate for indoor use such as medical equipment, and lava gray fibreglass reinforced polyamide (PA GV) which is suitable for tougher outdoor applications such as machine controllers. An IP 54 rated sealing kit is also available for extra protection.

The enclosures consist of three molded parts: top, bottom and handle which are assembled by five Torx T10 security screws. The handle grip, which is molded in soft touch TPE material, is capture by the top and bottom parts.

The top section has a recessed area for mounting pushbuttons, membrane keypads, displays, or touch screens. Inset sections on the underside are provided for cable connections and switches. The PCBs can be fitted to screw pillars provided in both the top and bottom parts. Prices start at $55.

Accessories include battery compartments for five 1.5V AA cells and a medical holding clamp for round tubes or rails.

OKW can supply the ‘CARRYTEC’ enclosures with additional holes for keypads, connectors, controls and displays. It can also silk-screen print legends and logos and provide RFI/EMI shielding on the internal surfaces.

OKW Enclosures
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