IP 66 enclosures designed for modern industrial electronics

OKW have further extended their popular ‘SMART-BOX’ range of IP 66 enclosures. These highly attractive enclosures are designed for modern industrial electronics and provide a more professional appearance than traditional rectangular housings.

Typical applications include building management, heating and air conditioning controllers, monitoring systems, safety and security electronics and test and measurement devices.

‘SMART-BOX’ enclosures have a series of unique features. For example, the case fixings screws and wall mounting shafts are hidden behind two hinged lid trims. The lid trims open wide to allow screw driver access and are then clipped into the closed position. As a result, no visible fixings can be seen once the unit is mounted on a wall, machine housing or bulkhead.

The enclosures are molded in flame retardant ABS rated to UL 94 V-0. The standard color is light gray, RAL 7035, and uniquely for this type of enclosure, the cases have a modern fine textured surface finish. The enclosures are sealed to IP 66 which is similar to NEMA 4X.

The range is now available in seven standard sizes with external dimensions from 4.72” x 3.54” x 1.97” to 11.02” x 6.69” x 2.36”. The cases are assembled by four rustproof stainless steel fixing screws which are positioned outside of the sealed

interior. Internal screw pillars are molded in the top and base parts for mounting PCBs, DIN-Rails, displays etc.

The molded IP 66 gasket is designed for easy replacement during long term maintenance. To aid installation and servicing, two plastic lid supports are provided, and the wall fixing dimensions are molded on to the underside of the base parts. Prices start from $31.

The ‘SMART-BOX’ enclosures are fully insulated to VDE 0100. An optional key lock can also be fitted for security.

OKW can supply ‘SMART-BOX’ enclosures fully customized with additional holes for push-buttons, connectors and displays, plus silk-screen printed legends and logos, and EMI/RFI shielding.

More information on these enclosures can be found on the OKW website at www.okwenclosures.com [1]

Source URL (retrieved on *03/06/2014 - 11:31pm*):
http://www.ecnmag.com/product-releases/2012/12/ip-66-enclosures-designed-modern-industrial-electronics?qt-video_of_the_day=0&qt-most_popular=0

Links:
[1] http://www.okwenclosures.com