

Headlines

Welcome:

This is the 18th edition of TecNews, the newsletter from Verotec.

In this issue we are featuring the KM6 range of subracks and discuss a special intelligent fan tray supplied to a leading manufacturer for the New York transit line.

Latest News:

This month saw the completion of a new range of extruded IEEE 1101.10 front panels from Verotec. Currently, the KM6 shielded panels incorporate a clip-on finger gasket which although has very good EMC characteristics, is prone to snagging when cards are extracted from racks. The extended range features a stainless steel, slide-on gasket which is more durable and suited to applications requiring multiple insertions / extractions of cards.



If you would like to know more then please contact Verotec's sales team on 02380 246900 or e-mail:

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Product Feature: KM6 Subracks

In order to meet the diverse mechanical, electrical and environmental requirements that today's markets & applications demand, Verotec offer four distinct subrack ranges. All are designed around a number of dimensional standards that aim to provide a basic level of interchangeability between different versions and between manufactures of similar systems. The basis is the DIN 41494 Eurocard standard and the dimensions for the housing of Eurocards are described in IEC 60297-3, to which



KM6-II is designed. KM6-RF too is designed around this specification but also meets the requirements of IEEE 1101.10/11 which builds on IEC 60297-3 to offer additional functionality. For high volume and price sensitive applications such as infrastructure projects, the low cost KM6-EC is an ideal solution. Verotec's answer to heavy duty applications is the KM6-HD subrack which is designed to meet MIL-STD-167 and therefore makes it suitable for applications where resistance to excess shock and vibration is required.

Recent Projects: Special Intelligent Fan Tray

Verotec has recently been successful in winning a contract to supply over 50 x special intelligent fantrays to Thales Rail Signalling Solutions in Canada for use in the New York transit line. Two versions of the 1U, 19" tray have been specified; a 3-fan type delivering 170m³/h and a 6-fan type delivering 340m³/h. Both types are fitted with programmable controllers that increase the speed of the fans as the temperature rises via a thermal sensor on the rear of the unit. On-board monitoring circuits provide local and remote alarms should the fans, power supply or thermal control board fail. The units have auto-ranging AC inputs and, given the operational environment, have been designed to function with an extended temperature range over Verotec's standard product offering.

