

convenience at reduced carbon footprints. The machine has regenerative mode which send back the energy to the battery during the excess power available in engine. It operates on hybrid, ICE -diesel and electric- excavator only working modes.

Escorts also showcased its multi-utility rural transport vehicle, RTV concept, Rider to address the required mobility in rural farming and hard terrain maneuvering. The RTV will also enable applications in haulage, construction, agriculture produce logistics, and various other utility segments offering a payload capacity of 750 kg and an optional four-wheel drive mode.

Nikhil Nanda, Chairman and Managing Director, Escorts Ltd., said, "After the successful launch of electric and autonomous concept tractors in the last two Exclusive platforms, it is indeed a proud moment for Escorts to have pioneered in developing India's first concept hybrid tractor, hybrid backhoe & a RTV this year. Through our focus on innovation and R&D, Escorts has always strived to make world-class technology driven products available to the farming and infrastructure space. These smart technology solutions are developed to cut down on emissions and increasing fuel efficiency boost productivity and agriculture output."



HPL Electric launches miniature circuit breaker Techno N



HPL Electric & Power Ltd recently introduced Techno N, a miniature circuit breaker (MCB). Designed with state-of-the-art technology, incorporating best industry features and made in compliance with India and international standards, Techno N is HPL's newest product under its switchgear range.

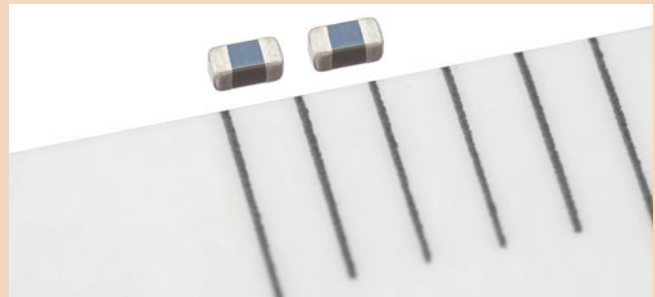
The high-tech Techno N – MCB is suitable for against short circuit and

over current protection in domestic & industrial applications. It provides better arc quenching and cooling systems which ensure enhanced short circuit performance. Its unique technology is energy efficient and enables trip free mechanism.

Salient features of Techno N are state-of-the-art design; CE marked & BIS certified; confirms to IEC/IS: 60898 -1; rated short circuit breaking capacity 10 kA; current limiting design; cable termination up to 35 mm²; IP 20 protection on live parts; and low watt loss, energy limiting as per Class 3 category utilisation.



TDK Corporation's new voltage protection device, Multilayer Varistors



A leading electronics company, TDK Corporation in a move to expand its product lineup has launched new type of multilayer varistor, AVRH10C221KT1R5YA8 for automotive ethernet with high ESD robustness catering to the hostile environments.

The new addition to the AVR series provides reliable ESD protection up to 25 kv (IEC61000-4-2). Moreover, the new chip varistor features a low capacitance of 1.5 ± 0.13 pF. With its IEC 1005 package (1.0*0.5*0.5 mm) the component's volume is about 75 per cent smaller than that of existing components. The new varistor features a maximum operating voltage of 70 v and an operating temperature range of -55 to 150 °C.

Automotive Ethernet is the communication infrastructure of choice for today's vehicles, since ECUs require a high speed, low latency communication in advanced driver assistance systems (ADAS) and autonomous driving. TDK's newest multilayer varistor extends the portfolio of protection components for automotive Ethernet applications. With the AVR and CT series, which promises reliable ESD protection up to 25 kv is now available for both 100 base-T1 and 1000 base-T1 interfaces without impeding high speed data communication.



Ozone launches double action three-way T shower cubicle hinge



Ozone has added and introduced double action three-way T shower cubicle hinge to its product range of shower cubicle fittings. The new shower hinge helps in doors movement of two adjacent frameless shower enclosures and holds the fixed glass partition.

With just a set of two shower hinges, two adjacent shower