

GridON introduces a new cost-effective product line for limiting fault currents in electrical grids and industrial networks

Following three years of successful experience in live operation, GridON is announcing a new family of inexpensive Fault Current Limiters (FCL) with smaller footprint for mid-to-high voltage applications. GridON's established technology has been further enhanced to offer a cost-effective solution for distribution grid operators, industrial customers and independent power producers.

GridON's commercial FCLs have been operating flawlessly in live networks for more than three years, effectively limiting numerous faults, while proving extremely reliable and mature. Distribution grid planners will now be able to quickly design-in affordable FCLs, without replacing existing fit-for-use equipment.

Industrial customers have been actively searching for reliable solutions to mitigate growing fault levels in their plants. GridON's FCL's ability to increase its impedance only during fault conditions, while not impacting motors starts during normal operation, presents a highly attractive solution for industrial networks.

Independent power producers are required to limit fault levels when connecting to utility grids. This requirement often translates to postponement of the connection and significant incurred costs. GridON's FCL provides a cost-effective solution for expanding decentralized generation sources.

"GridON responded to the growing demand from industrial and power producing companies with the introduction of a new cost-effective FCL - co-funded by the Horizon 2020 programme of the European Union" said Yoram Valent, Chief Executive and co-founder of GridON. "Our new product line offers a perfect solution for connecting decentralized generation sources to distribution networks, and for preventing fault current damages in industrial networks and in mission-critical applications."



GridON's FCLs are being installed both in transformer feeder locations and in bus-sections. They can also be installed on generator feeders, since they can be rated to the full capacity of the generation source and never interrupt the current during fault. The FCL instantly suppresses excessive current and recovers to normal load immediately upon fault clearance - being always ready for consecutive short circuit events. The FCL is extremely reliable and robust, and very easy to install and maintain.

About GridON Ltd

GridON offers fault current limiters for network operators, power producers and industrial customers. By suppressing excessive fault current, GridON's FCLs enable increased supply by cost-effective network meshing and connection of power generation and renewable energy sources. The FCL improves grid resilience and reliability and significantly lowers capital expenditures and operating costs, while eliminating network upgrades and early retirement of fit-for use equipment.

GridON's FCL is based on combining industry-standard, proven transformer technology with unique and proprietary concept of electro-magnetic flux alteration on a saturated iron core. The fail-safe system responds instantaneously to faults, suppresses fault current for its entire duration, and recovers immediately following fault clearance – being always ready for consecutive faults events.

GridON's commercial FCLs have been operating flawlessly in live networks for more than 3 years, proving the reliability and maturity of the product. GridON is offering scalable FCL solutions from distribution to very high transmission voltage ratings, in partnership with Wilson Transformer Company - Australia's leading manufacturer of high-quality transformers.

GridON was awarded the Global Cleantech 100 and the UK Energy Innovation in 2013, and received the prestigious ACES Smart Grid and GE ecomagination Powering the Grid awards in 2012.

For further information, please visit www.GridON.com or email sales@GridON.com or call +972.3.711.1183.