

ZYGGOT® Octo

UV sensor for Arc Flash Mitigation in
Electromagnetically harsh environments



varixx

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Used in installations with high levels of noise and electromagnetic interference (EMI), typical of medium voltage, large drives, and substations, the robustness of the sensor is crucial to maintaining consistent performance. That is why Varixx has evolved the UV platform and presents the ZYGGOT® Octagonal (OCTO): a sensor with improved architecture and construction for superior immunity in highly electromagnetically “polluted” environments, while maintaining full compatibility with existing systems.

Why use Octo?



Greater electromagnetic immunity

Optimized layout and architecture, with internal shielding to reduce sensitivity to interference.



Full compatibility (simple retrofit)

Same mounting, same connector, and same detection parameters (field of view, speed, and sensitivity).



Easier and faster installation

Optimized connectors and easier commissioning in large-scale systems (auto-addressing).



More competitive cost

Improved construction efficiency and targeted application for harsh environments.

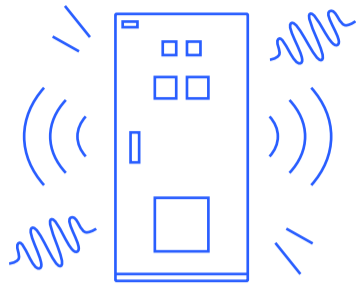


Lighter and more efficient construction in materials

Less use of steel and greater use of FARADEx™ composite, with a positive impact on logistics and durability (reduction in mass and maintenance).

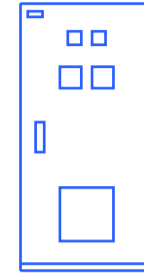


Where to apply?



High Electromagnetic Interference (EMI) environments

Typically in medium voltage and installations with high power concentration and switching.

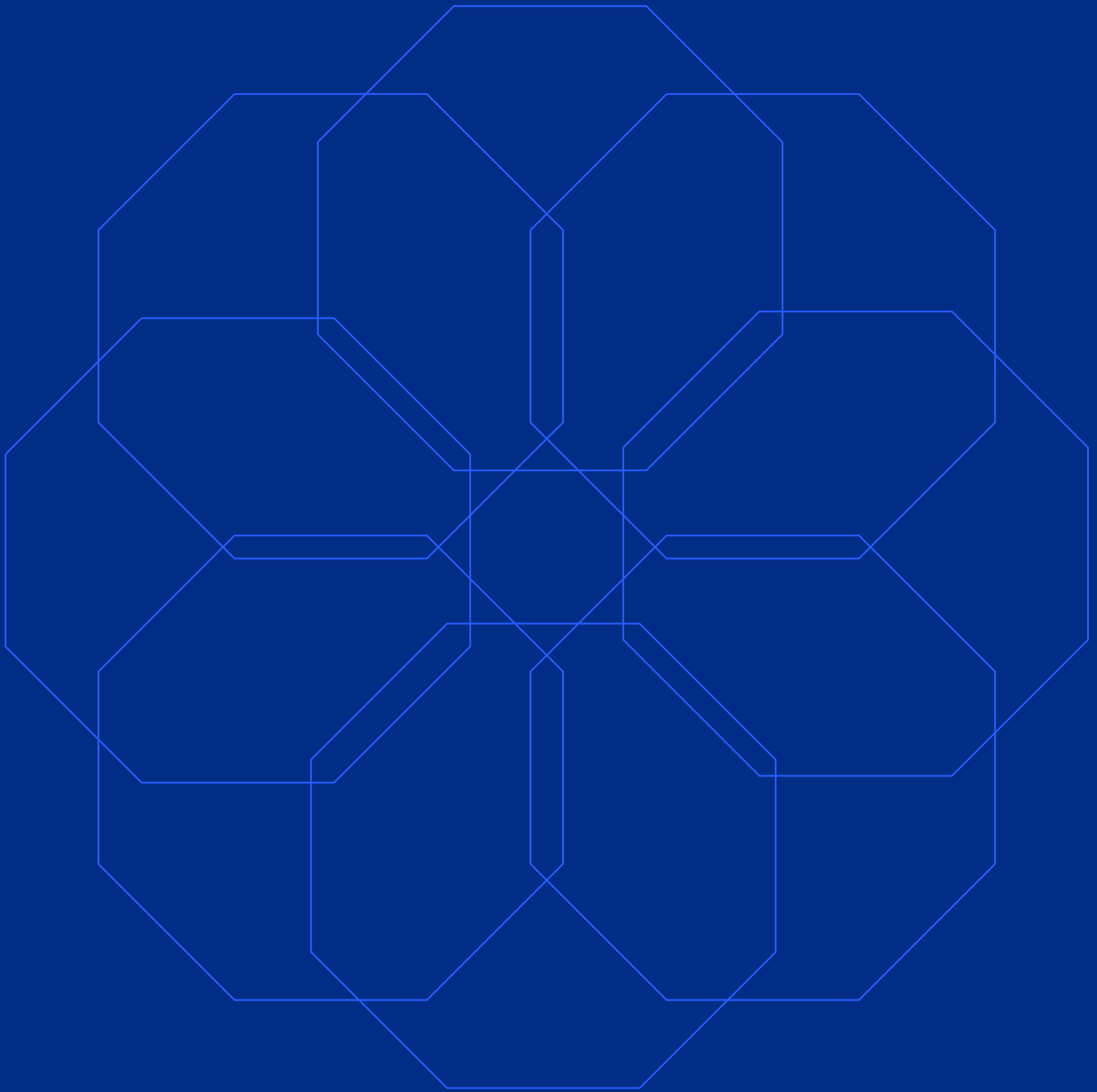


Compatibility with Conventional Environments

Fully applicable to conventional environments, without any impact on system performance or reliability.

Key Features





ZYGGOT[®] Octo
a varixx solution