



Safe, intelligent
and flexible low
voltage power distribu-
tion solution for wide
range of applications.

HECON - a universal Power Distribution Cabinet
and a Motor Control Centre (MCC) platform

HECON

 HARJU ELEKTER



▶ HECON a universal Power Distribution Cabinet and a Motor Control Center(MCC) platform

HECON, developed by Harju Elektor, offers a safe, intelligent and flexible low voltage power distribution solution for wide range of applications ready for IoT and Energy Management.

- SAFE – made of high-quality components and tested according to applicable standards
- INTELLIGENT – process monitoring and control solutions
- FLEXIBLE – engineered and built to implement your ideas
- IoT READY – could be easily connected to IoT network for predictive maintenance and optimized operation
- ENERGY MANAGEMENT – predesigned solutions for IEC50001 certification

Choose full service with HECON – from idea to an assembled product, delivered on time along with comfortable communication from your best partner in Europe.

- Pre-sales consultations in English, Finnish, Swedish, Estonian and Russian languages.
- Compatibility with all well-known manufacturers give us the opportunity to provide the best solution to suit your needs.
- Application engineering – tailor-made products for your high demand projects
- Delivered on time and with full confidence
- After-sales support – your project data carefully stored in our database ready for future changes and extensions.

Applications for HECON:

- Industry (Pulp and Paper, Metallurgy, Energy production, Datacenters and other electro-intensive applications)
- Public buildings (shopping malls, hospitals, schools etc.)
- Power distribution and conversion
- Renewable energy
- Oil & gas



TECHNICAL DATA

Main busbars	Rated operational voltage U_e	Up to 690 V
	Rated impulse withstand voltage U_{imp}	8 kV
	Rated insulation voltage U_i	1000 V, AC
	Rated current I_n	Up to 4000 A
	Rated peak withstand current I_{pk}	Up to 252 kA
	Rated short-time withstand current I_{cw}	Up to 120 kA, 1 s
Rated currents for devices	Circuit breakers	Up to 4000 A
	Cable feeders	Up to 630 A
	Motor feeders	Up to 132 kW
Internal separation	IEC 61439-1/2	Up to Form 4
IP degree	IEC 60529	IP31 to IP44
Mechanical strength	IEC 62262	Up to IK09
Dimensions	Height (without plinth/base)	2000 mm
	Height of plinth/base	100 mm
	Width of cubicles	300, 400, 450, 500, 600, 700, 800, 1000 mm
	Depth (single front)	600 mm
Installation conditions	Indoor installation	ambient air temperature in the 24h mean: +35° C (-5° C to +40° C)



► Harju Elekter Group

After launching its activities in 1968, Harju Elekter Group has developed into a leading producer of MV/LV electrical and engineering devices in the Baltic countries and a well-known and respected manufacturer in Scandinavia. Harju Elekter's main field of business is the development, manufacturing and sale of equipment necessary for the distribution and transmission of electric energy as well as contract manufacturing.

The main business is supported by a sheet metal plant in Estonia and the development and leasing of industrial real estate. Harju Elekter Group's plants in Estonia, Finland, Sweden and Lithuania employ more than 700 specialists, and the consolidated sales revenue of 2018 was 120.8 million euros. Shares of Harju Elekter are listed on Nasdaq Tallinn.

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