



Decentralized
frequency inverter
i-series motec



i-series motec

The digital and sustainable drive solution

From simple to complex systems

The new generation of decentralized frequency inverters increases plant reliability. Digital functions make processes from the drive shaft to the cloud transparent and support you in the digital transformation.

Get closer to your goal of climate neutrality with the energy-efficient i-series motec. Sensible integrated functions make this drive easy to use, ensuring fast, resource-efficient implementation of projects.



For a sustainable future



Increasing your cost-savings

Digital

- It functions as an efficient **“sensor”** in the system and collects and standardizes data in real time.
- A successful connection to the **cloud** is easy thanks to the Drive DataHub.

Energy efficient

- The **integrated regenerative braking** functionality allows for regenerated energy to be fed back to the mains. This standard feature also eliminates the need for braking resistors, making the motec more efficient, less complex, and safer than competitive drives.

Economical

- The **sensorless control** of synchronous motors saves costs and allows for a 7%-10% efficiency gain.
- The **latest connector technology** enables simple, time-saving, error free installation.
- As a **global product**, the i-series motec is compatible with 230V, 400V and 480V mains voltages.



Conveyor
technology
in warehouse
logistics



Conveyor
technology
in airport
logistics

Wide range of applications

The new i-series motec solves almost all drive tasks in warehouses, airports, and in the automotive and packaging industries. Especially at high speeds, it demonstrates maximum performance and ensures the reliability of the system.

Particularly strong in conveyor technology

However you transport your goods: horizontal, lifting or turning - the motec is precisely tailored to conveyor technology, making it a safe choice for material handling & logistics.

Flexible in use

System integration of the i-series motec motor-mounted [up to 30 hp] or wall-mounted [up to 60 hp] is easily achieved.

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Decentralized versions



Wall mounting

0.50 ... 60 hp | 0.37 ... 45.0 kW, NEMA 4X



Motor mounting

0.50 ... 30 hp | 0.37 ... 22.0 kW, NEMA 4X/NEMA 12



Extension Box

0.50 ... 15 hp | 0.37 ... 11.0 kW, NEMA 4X/NEMA 12

Disconnect switch



More information about the
i-series motec

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