

Features to **enhance competitiveness**



Feature	Benefit
Secure-by-design	Reduce risk of downtime due to unauthorized access
Integrated Ethernet communication interfaces	Save costs and time in installation
STO and SS1-t SIL 3, PI e as standard. Emergency	
PROFIsafe and Ethernet IP protocols are integrated, activated by license key	Save time: no need to change hardware
High number of integrated sensors	Improve performance and control accuracy
Highly accurate motor control	Save costs and improve performance
Modular control architecture	Improve performance by adapting to your application's needs
High power density	Save space and reduce cooling costs
Compact side-by-side mounting	Save space and reduce installation costs

Ensuring you shine in the marketplace is our goal. Learn how Danfoss supports your success [here](#) 

iC7-Automation **variants**

iC7-Automation is available in several variants to suit a broad range of applications:

- Frequency converters – optimized for wall-mounted, cabinet-mounted or free-standing installation
- Air-cooled system modules – ideal for ultra-compact cabinet integration
- Enclosed drives – optimized for minimal footprint and ease of serviceability



iC7-Automation	Frequency converters	Air-cooled system modules	Enclosed drives
Voltage	3 x 380-500 V AC -15%/+10%	380-500 V AC -15%/+10%	3 x 380-500 V AC -15%/+10%
Output current	1.3-1260 A	385-4870 A	206-1710 A
Protection rating	IP 20, UL Open Type IP21, UL Type 1 IP54, UL Type 12	IP00, UL Open Type	IP21, IP54

For specifications, dimensions, and a key to the model code, refer to the iC7-Automation Selection Guide 