

HIGH SPEED SECTIONAL DOOR OPERATOR

0.8 kW/1.1 kW

KEY FEATURES

- Integrated frequency inverter
- Adjustable speed
- Clear LCD plain-text display
- Multiple safety inputs/outputs
- Menu guidance in 6 languages: EN, DE, FR, ES, NL, IT



For balanced sectional industrial door

High performance

Presetting system
It has preset several standard door systems which could save your precious time by loading settings.

Accurate limit setting
Settings of end positions via electronic absolute encoder, after a power failure, readjustment is not required.

Safety

Main switch
As a standard kit, it guarantees the maximum safety.

Soft start, soft stop
Smooth start/stop offers maximum material protection and a long product life cycle.

Multiple safety inputs/outputs
You could connect several devices like safety edges, light curtains, photocells, radars, loop detectors and traffic lights, etc.

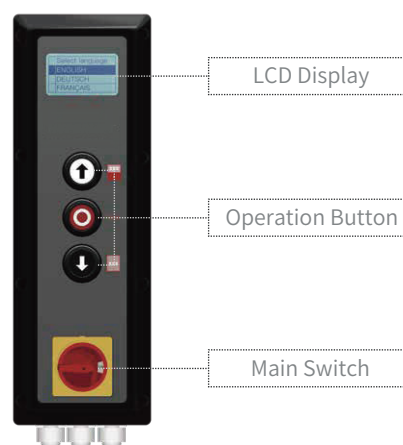
Over-torque protection
Advanced torque monitoring system could measure the actual force and stop the door's movement when the door is caught in something or the spring breaks.

Friendly

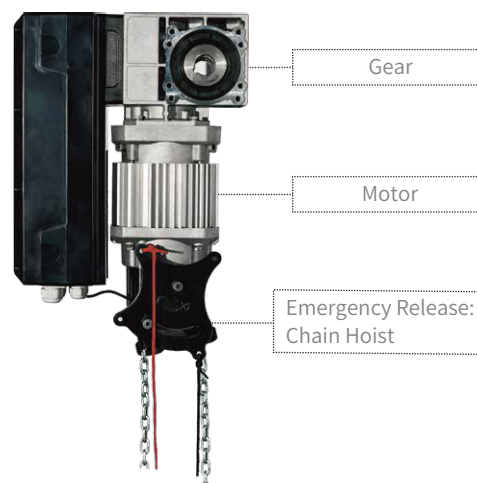
Clear text display with 6 languages
With 4-line LCD plain-text display, you could program easily and receive diagnostics when something is wrong.

Protection class IP54 (IP65 available)
IP54 as standard, IP65 available for freezer doors.

Gear heating system optional
It can be used in cold and harsh environment, down to -40°C.



Control Box



Motor



German engineering, built to last

Technical data

Model	EN-HL100-ISD	EN-HL140-ISD
Motor power in kW	0.8	1.1
Torque in Nm	100	140
Force of mechanical brake in Nm	no	
Voltage	1N~220-240V 50Hz	
Speed in RPM	5-45	
Frequency converter	yes	
Force supervision	yes	
Diameter hollow shaft in mm	25.44	
Endurance in c/h	35	30
Emergency release	chain hoist	
Limit setting of door travel	digital encoder	
Max. door area in m ²	40	49



Table of components

Operator	+control unit	+ Accessories			
		CEE plug	Power cable	Signal cable	Screw kit

Application cases



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