

NICE RANGE FOR INDUSTRIAL DOORS OVERVIEW 2014

MORE FUNCTIONS, SIMPLIFIED INSTALLATION
AND EASIER PROGRAMMING.



THE NEW ADVANCED RANGE OF RELIABLE AND VERSATILE AUTOMATIC CONTROL UNITS

FOR INDUSTRIAL AND COMMERCIAL DOORS,
COVERING EVERY APPLICATION NEEDS.

- **D-PRO Comfort**, extreme ease of connection, installation and use.
- **D-PRO Automatic**, the standard on the market, with many advanced features.

More functions, now at your hand!



**D-PRO
COMFORT**



**D-PRO
AUTOMATIC**

D-PRO AUTOMATIC CONTROL UNITS

NEW

Advanced control units for motors with mechanical and electronic limit switch, both automatic and deadman operation.

Suitable for all types of motors, single phase with or without integrated inverter and three-phase, with 2.2 kW maximum power.

Easy programming and immediate diagnostics by means of the 4-digits display integrated in the cover.

Performing with possibility to add dedicated modules for additional functions, such as traffic light and loop detectors, and to connect external transmitters. Compatible with all types of sensitive edges, including wireless ones.

The ideal solution for doors to be interlocked: thanks to the dedicated function, the control unit allows to operate different doors alternatively, to restrict or control entry to and from areas that need to be secured against two or more doors being open simultaneously.

Safe, the power module is protected by a plastic shell, to avoid any risk of electrical shock.

Radio receiver: dedicated slot to connect a Nice OXI plug-in receiver.

Smart: the service warning for maintenance can be programmed according to the number of manoeuvres required.

Customizable: further button configurations are available on request, such as emergency stop switch.

The TÜV certification means safety in all situations.



NEW PLASTIC BOX, MORE PRACTICAL, WITH POSSIBILITY TO OPEN IT ON BOTH SIDES, RIGHT AND LEFT. THE IDEAL SOLUTION IN CONSTRAINED SPACES, LIKE SEVERAL DOORS INSTALLED CLOSE TO EACH OTHER, OR NEAR A SIDE WALL



EASY PROGRAMMING, IMMEDIATE READING OF THE SYSTEM STATUS AND DIAGNOSTICS BY MEANS OF THE LARGE 4-DIGITS INTEGRATED IN THE COVER

STANDARD BUTTONS SET UP-STOP-DOWN

TAKE ADVANTAGE OF THE NICE INDUSTRIAL AUTOMATION OFFER FOR YOU:

- Cutting-edge operators with advanced technology
- High quality of detail
- Reliable and durable operation
- Meets safety requirements
- Performance characteristics compliant with European directives and leading internationally recognized standards, including:

Directive 2004/108/EC: Electromagnetic Compatibility

Directive 2006/42/EC: Machinery Directive

EN 60335-1:2013, EN60335-2-103:2003: Safety of electrical products

Convenient and practical solutions,
also offered in kits including everything you need
for a 100% Nice installation.



SW/SD
for sectional doors



RDF
for rolling doors



HDFI WITH INVERTER
ON BOARD
for high speed doors

GEARMOTORS FOR HIGH SPEED DOORS



HDFI

Electromechanical gearmotor for high speed doors, with on board inverter, electronic limit switches, crank emergency (KU series), integrated anti-fallback device, brake and fixing bracket.

Simple installation:

The HDFI series is to be installed directly on the shaft of the door (\varnothing 25 mm, \varnothing 30 mm and \varnothing 40 mm).

Cables equipped with connectors simplify electrical connections.

All gearmotors are equipped with a pre-wired cable and ready to Plug&Play with D-Pro family control units.

Complete gearmotor-inverter-cable-control unit kits are also available allowing installation time to be further reduced.

Compact and efficient:

torque up to 350 Nm speed up to 135 rpm at 50 Hz.

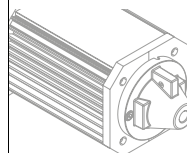
Practical: release available with crank emergency.

Unbeatable safety:

due to the integrated anti-fallback safety system and the chance to connect safety devices and optical or resistive 8.2 k Ω sensitive bars, the gearmotors are compliant with the most recent European standards and directives.



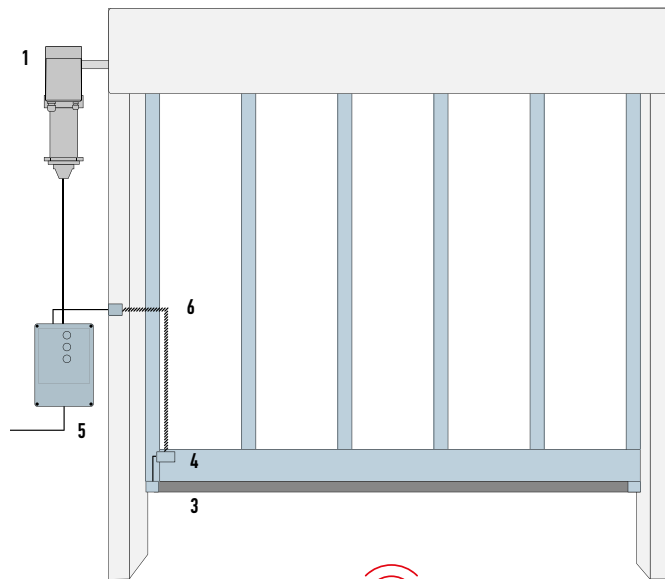
Crank emergency (KU series)



TECHNICAL SPECIFICATIONS

	HDFI-45-95	HDFI-30-120	HDFI-70-135*	HDFI-95-95*	HDFI-350-45*	HDFI-180-95*	HDFI-135-135*
SHAFT Ø (mm)	30	30	40	40	40	40	40
MAX. TORQUE (Nm)	45	30	70	95	350	180	135
RATED TORQUE (Nm)	36	30	55	80	300	150	110
OUTPUT (rpm)	95	120	135	95	45	95	135
MOTOR POWER (kW)	0.9	1.1	1.5	1.5	2.2	2.2	2.2
LIMIT SWITCH (rpm)	15	15	20	20	40	20	10 - 20
WORKING VOLTAGE (V/Hz)	1x230V - 50Hz	3x230V - 50Hz	1x230V - 50Hz	1x230V - 50Hz	1x230V - 50Hz	1x230V - 50Hz	1x230V - 50Hz
DUTY CYCLE	S3 - 60%	S3 - 60%	S3 - 60%	S3 - 60%	S3 - 60%	S3 - 60%	S3 - 60%
OPERATING TEMPERATURE (°C)				-5 ÷ +40			
NOISE dB(A)				<70			
PROTECTION RATING (IP)				54			
WEIGHT (kg)	19	19	30	30	32	32	32

*Torque values can differ from what declared accordingly to the kind of installation.


HIGH SPEED DOORS

1. HDFI GEARMOTOR 2. TRANSMITTER 3. SENSITIVE EDGE
4. CONNECTOR BLOCK 5. CONTROL UNIT 6. SPIRAL CABLE