

# CONTROL SYSTEM

## IDRIVE

An integrated, intelligent control system built into the columns that connects serially using the plug-and-play principle. The system lets you control up to eight columns in up to four different groups.



## Technical Specification

### Function

Control:	Up to 8 column parallel drive
Speed:	32* or 40 mm/second
Soft start:	Yes
Maximum load:	60 kg / column
Travel range:	Configurable
Noise output:	43 dB
Product silence:	38 dB

### Dimensions

Power cables:	Length 3 m (primary side)
	Length 0,4 m (secondary side)
Power unit:	152x59x34 mm

### Standards & Environment

RoHs2, Reach, EMC, UL962

### Electronic Data Power Unit, D05

Input:	110-240V
Frequency:	50/60Hz
Output:	35V DC
Power Plug:	EU, UK & US
Certificates:	CE, UL, FCC, Level VI, CCC

### Operating Environment

Operating Cycle:	Max 1 min ON / 9 min OFF
Operating Temperature:	15-35 C

### Energy Use

Standby:	0,45 W (2 columns and power unit)
Maximum power:	320 W

### Options

- Bus cable (Length 800, 1200, 1600, 2000 mm)
- Bus cable splitter
- Collision Detection Sensor (external)
- Intelligent Desk
- Intelligent Desk Accessories

\*Product silence

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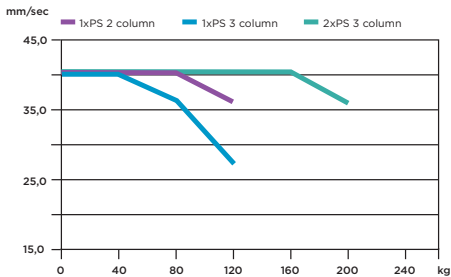
## IDRIVE

IDrive can also be connected to our Intelligent Desk concept, which allows your desk to communicate with other intelligent units and create a smart office.

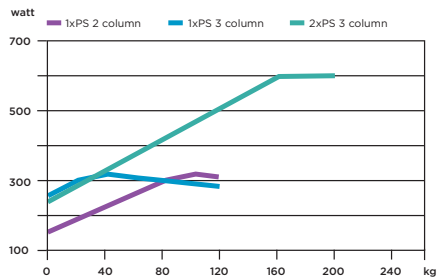


### Speed relative to load.

This is measured with 230 V supply. A small variation on speed is visible with 120V supply. The speed may vary +-5% from measured values below.



### Power relative to load.



## Features

- » High efficient switch mode power supply (LLC).
- » Separated/safety extra-low voltage (SELV) power source.
- » Low standby power consumption.
- » Universal power supply, input voltage 110V-240V.
- » Up to 8 column parallel drive.
- » Connection of up to 8 simultaneous handsets possible.
- » Up to 5 memory positions (depending on handset).
- » Up to 4 different motor groups.
- » Collision detection, with automatic back-off .
- » Soft drive comfort.
- » Auto detection of connected columns.
- » Dynamic overheat protection.
- » Integrated over load protection.
- » Additional equipment is available and connectable to the integrated BUS. system.