

VVVF Controller
for ropelifts

IMD Intelligent MultiDrive



Datasheet
ENGLISH

RST

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VVVF Controller for ropelifts

IMD Intelligent MultiDrive

SMALL

- Significant reduced dimensions
- Integrated filter
- Intelligent module technics

Characteristics

- Wide range of power supply voltage from 180V...480V
- Overload factor 2,0 with 15 kHz clock frequency
- Support of evacuation operation in connection with USV device
- Operation with asynynchronous- and synchronous motors (gearless)
- Operation without encoder with asynchronous motor (open loop)
- Operation with all common square- and sinus encoders
- Field- orientated colosed-loop control with self-adapting current control
- Travel cycle without jerk, especially for elevators
- DCP-interface (DCP3/DCP4)
- 5 intermediate speeds
 - therefore optimal travel cycle at high speed elevators
- Drive command control parallel or binary-coded
- Programmable elevator specific monitoring functions
- Wireless parametrization by Bluetooth (optional)
- Data store on USB-stick (optional)
- External display (optional)
- Integrated data logger for efficient trouble-shooting
- Multi-lingual user program (DE/GB/ES/PL/TR/GR/HU/CZ)
- PowerControl software for PC and mobile devices (for example: PDA)



System requirements for mobile device:

- Windows Mobile 5.0 Prof. or higher version
- Touch screen
- Device has to be Bluetooth capable
- Compatible Bluetooth adapter

Technical Data

$U_N=180V...480V/3\sim$ | $f=50/60Hz$ | $T=+10^\circ C...+50^\circ C$

Type	I_N/I_{max} in [A]	Motorpower P_N in [kW]	Dimensions LxWxD in [mm]	Weight in [kg]
IMD 1	8/16	4,0	358x186x220	10
IMD 2	12/24	5,5	358x186x220	10
IMD 3	16/32	7,5	358x186x220	10
IMD 4	24/48	11,0	358x186x220	10
IMD 5	32/64	15,0	358x186x220	10

