

# MOVIPRO<sup>®</sup> technology decentralized inverter



## POSSIBLE USES / TYPICAL APPLICATIONS



### Pallet transfer shuttles

- Intralogistics
- Sorting
- Distributing



### Scissor lift tables

- Chassis lifting units
- Tool lifting units
- Lifting units for loading



### Lifting devices and vertical lifts

- Automotive lifters
- EMS solutions
- Warehouse systems

## THE ADVANTAGES AT A GLANCE



### Powerful!

- Nominal power of up to 30 kW
- Handles tasks efficiently



### Scalable and safe!

- Customized solutions for safe stop, motion, and positioning functions
- Optional safe brake control



### Consistent!

- Platform identical to control cabinet technology for seamless integration



### Flexible!

- A variety of motor technologies and encoders can be connected
- Wide range of potential applications

## OVERVIEW OF THE TECHNOLOGY

- Available in four sizes and nine power classes
- Operating synchronous and asynchronous motors, 200% overload capacity
- MOVILINK<sup>®</sup> DDI motor interface or evaluation of standard motor encoders (sin/cos, TTL/HTL, HIPERFACE<sup>®</sup>, RS422)
- Distance encoder evaluation for all standard external encoder systems (EnDat 2.1, SSI, sin/cos, TTL/HTL, HIPERFACE<sup>®</sup>, RS422, CANopen)
- Integrated STO (Safe Torque Off), PL e to EN ISO 13849-1:2015
- Safety options (/S..) for secure communication, secure digital inputs/outputs, safe motion functions, safe positioning, and safe brake control
- Communication interfaces:  
DFC: PROFINET, EtherNet/IP<sup>™</sup>, Modbus TCP  
DSI: Direct System Bus Installation (EtherCAT<sup>®</sup>/SBus<sup>PLUS</sup>, EtherCAT<sup>®</sup>/CiA 402)



	MPX22A..		MPX23A..	
Size	Size 2 Short heat sink	Size 2E Long heat sink	Size 3 Heat sink without active cooling	Size 3E Heat sink with active cooling
Nominal output current A	5.5 / 7 / 9.5	12.5 / 16	24 / 32	46 / 62
Performance class kW	2.2 / 3 / 4	5.5 / 7.5	11 / 15	22 / 30
Dimensions W x H x D (mm) without interface box	480 x 300 x 162	480 x 300 x 202	570 x 420 x 202	570 x 420 x 209
Dimensions W x H x D (mm) with interface box	620 x 364 x 180	620 x 364 x 220	720 x 420 x 220	720 x 420 x 227