



400 V Three-Phase
90 kW to 355 kW

A1000 Inverter Series IP23 / IP54 Floor Standing Panel

The A1000 floor standing frequency inverter is a cabinet design concept which now makes installation and commissioning of the A1000 Inverter even easier. Configured according to customer requirements and installed in the control cabinet the drive system is instantly ready for use.

Characteristics

- ▶ Available in IP23/IP54
- ▶ EMC filter (TN or IT Network), mains switch with or without door handle, brake, optional circuit breakers (fuses, reactors, other options in planning)
- ▶ Clear Text LCD panel in the control panel door
- ▶ Separate air ducts for power supply and control for optimal cooling
- ▶ Optional Cabinet extension left or right for the installation of customer specific components such as power supplies, controller or similar

Benefits

- ▶ Easy Configuration
- ▶ Carefully selected components for reliable operation
- ▶ A point of contact for planning commissioning and services
- ▶ Reduced time and cost for installation and commissioning

Applications



HVAC



Fan



Pump



Compressor



Conveyor



Crane



Extruder



Standard Specifications

A1000 Floor Standing

Model Code	Figure	Max. appl. Motor Power (kW)		Dimensions (cm) Standard Unit		
		HD	ND	W	H	D
A140208□0A000	1	90	110	620	2350	600
A140250□0A000		110	132			
A140296□0A000		132	160			
A140362□0A000		160	185			
A140414□0A000	2	185	220	800	2350	600
A140515□0A000		220	315	1200		
A140675□0A000		315	355	1200		

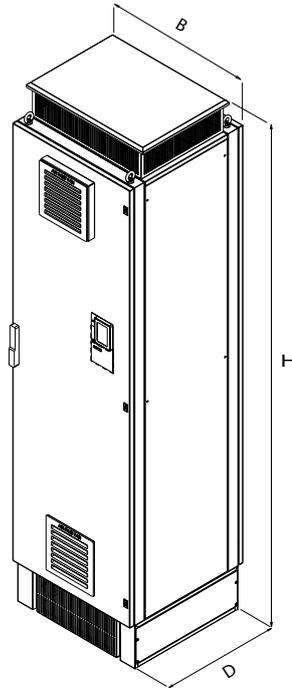


Fig. 1

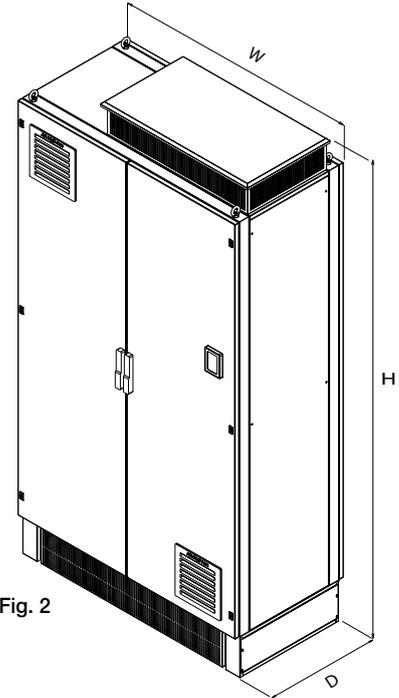


Fig. 2

Input / Output

- ▶ **8 Multi functional digital inputs**
Sinking / Sourcing mode selectable
External power supply usable (24 VDC)
- ▶ **Multi functional pulse train input (up to 32 kHz)**
HIGH level: 3.5 to 24 VDC
LOW level: 0.0 to 0.8 VDC
Easy synchronizing with other drives
- ▶ **3 Multi functional analog inputs**
Voltage / Current / PTC input selectable
- ▶ **Fault output**
Relay output
250 VAC 10 mA ... 1 A
- ▶ **Functional safety**
2 Channel Safe Torque Off (EN ISO 13849-1, PLd)
- ▶ **3 Multi functional digital outputs**
Relay (N. O. or N. C. programmable)
- ▶ **Multi functional pulse train output up to 32 kHz**
Easy synchronizing with other drives
- ▶ **2 Multi functional analog outputs**
Voltage / Current selectable
- ▶ **External Device Monitor (EDM)**
Status for Safe Torque Off function

International Standards



Safety Standards



RoHS Directive

RoHS Directive stands for the EU directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment

