

Folinn Inverter - 5.5KW 3PH 380V (H110T40055BX0)



Features:

The Folinn Inverter 5.5 kW 3-Phase 380V (H100T40055BX0) offers precise motor speed regulation, robust protection features, and compatibility with a wide range of industrial motors. With its ability to support high-frequency outputs and flexible bus configurations, this inverter is optimized for industrial automation, CNC machinery, and general motor drive systems.

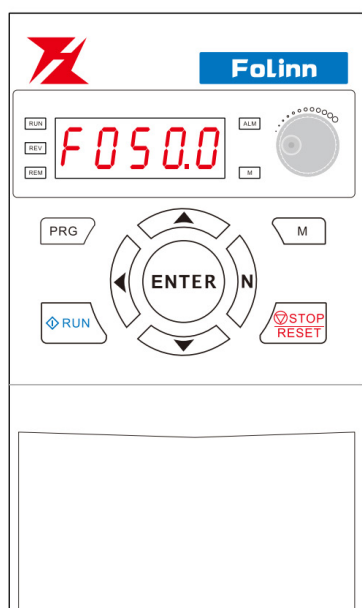
Specifications	
Model	H100T40055BX0
Power	5.5 kW
Input Voltage	3-Phase 380V
Rated Current	16 A
Output Current	14 A
Output Voltage	0 – rated input voltage
Output Frequency Range	0–1000 Hz
Control Modes	V/F, SVC
Modulation	SVPWM
Overload Capacity	150% for 60 s, 180% for 2 s
Starting Torque	150% at 1 Hz
Speed Range	1:100 (SVC)
Frequency Accuracy	Digital: $\pm 0.01\%$; Analog: $\pm 1\%$
Frequency Resolution	Digital: 0.1 Hz ; Analog: $\pm 1\%$
Accel/Decel Curves	Linear / S-curve
PID Control	Supported
Command Sources	Keypad, terminal, communication
Set Value Sources	Digital, analog, multi-speed, communication
Display	Frequency, voltage, current, bus voltage, alarms, errors
External Keypad	Supported
Ride-through	Auto frequency drop on power-off
Rapid Current Limit	Yes

Protection Functions	Over-current, over-voltage, under-voltage, overheating, overload, phase loss, earth leakage
Dimensions (W × H × D)	126 × 237 × 147 mm
Mounting (A × B, hole d)	112 × 223, Ø6 mm
Operating Temp	-10 °C to +40 °C (derating above 40 °C)
Storage Temp	-40 °C to +70 °C
Humidity	5 – 95% RH, non-condensing
Altitude	Derating 10% per 1000 m above 1000 m
Vibration	< 5.9 m/s ² (0.6g)
Storage Conditions	Indoor, no dust, no corrosive or flammable gas, no oil mist

Terminal Description:

Terminal	Name	Description
	Grounding Terminal	Safety grounding
R/L1, S/L2, T/L3	Main Circuit Power Input	Connect three-phase power supply; single-phase power supply connects to R/L1, S/L2
P+, PB	Braking Terminal	Connect to external braking resistor
P+, P-	DC Bus Terminal	Two or more inverters share a common DC bus (11 kW–22 kW models include P- terminal)
U, V, W	Output Terminal	Connect to three-phase motor

Keypad Explanation:



Item	Structure	Function description
1		Display
2		Program/exit
3		Status display interface work as status switch key; other interface work as left shift key
4		Reserved key
5		RUN
6		Potentiometer: refer to parameter P1.63
7		In the mode of program, work as value change key; otherwise, UP/DOWN key, refer to parameter P1.63, P2.03, P2.04
8		
9		Enter
10		STOP/RESET
11		Customization key

Product Pictures:

