

SIMHA 2.0 UNIVERSAL DRIVE

Leading a New Start



SUPPORTS WIDE
VARIETY OF MOTORS



DUST-PROOF & RAIN-PROOF
IP 65 DESIGN



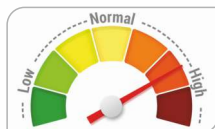
PLUG & PLAY
SHOCK-PROOF CONNECTORS



POWERED WITH REMOTE
MONITORING SYSTEM



GRAPHICAL LCD FOR
EASY OPERATION



WIDE
TEMPERATURE RANGE



INDEPENDENT DATA
LOGGING FACILITY



MOBILE APP
CONTROL



Shakti's Simha Universal Drive is a unique product designed, developed and manufactured in India. This drive makes it possible to run industrial motor pump sets. It supports wide varieties of motors by virtue of its universal design. It's IP 65 design and rust-proof metallic enclosure provides protection from foreign particles (e.g. rain, dust, oil) which obsoletes the need for extra outer case. Therefore, this product is recommended by experts for it's unique features, efficiency, zero operating cost, plug and play installation, electrically safe user handlings and longer period of warranty.



Suitable for HVAC System

Suitable for Conveyor Belt

Suitable for Industrial Fan

APPLICATION

All in one solution for driving of various motors like AC-IM, PMSM, IPMSM, S4RM, etc.

TECHNICAL SPECIFICATION

Product			
Power	0.75/1/2 HP	3/5 HP	7.5/10 HP
	9600000098	9600000095	9600000097
Input (DC)			
AC Voltage range (if applicable)	90-245 VAC (1-ϕ)	200-440 VAC (3-□)	360-460 VAC (3-□)
Output (AC)			
Nominal AC Voltage Range	0-245 VAC	0-415 V	
Frequency	0-200Hz		
Max. AC current	12		20
Rated Power at AC Side	1700 W	2900 W	9300 W
Power Factor	0.7-0.9 at full load		
THD-	70-150%	70-150%	70-150%
slope-	4000 V/uS	7200 V/uS	7200 V/uS
Peak-	400 V	750 V	750 V
Connection Phases			
Efficiency			
Max. Efficiency	>93%	>95%	>97%
General Data			
Protection	Short Circuit, Lighting/Surge, Over Temperature, Over Current, Over Voltage, Dry Run		
Ingress Protection	IP 65		
Certificates	IEC 61683, IEC 600682-2- (1,2,14,30), IS 16221-2(IEC 62109-2), IEC 60529, EN 50530		
Operating Temperature Range	-20°C to 70°C (45°C to 70°C with derating)		

WHY TO CHOOSE SHAKTI'S SIMHA 2.0 UNIVERSAL DRIVE

OTHER DRIVES	SIMHA 2.0 UNIVERSAL DRIVE
Relatively difficult installation & operation	Simple installation & operation with graphical LCD
Confusing connections with possibility of shock	Plug and play shock-proof connectors with unique connection
IP 20	IP 65 (Protection from dust and rain)
Remote Monitoring System (RMS) not available	Remote Monitoring System (RMS) inbuilt
Independent Data Logging Facility not available	Independent Data Logging Facility available
Mobile Application Facility not available	Mobile Application Facility available

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Other Countries : +91-7292 410500

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