

SIMHA PIUS UNIVERSAL DRIVE

Leading a New Start



SUPPORTS WIDE
VARIETY OF MOTORS



DUST-PROOF & RAIN-PROOF
IP 65 DESIGN



COLOUR CODED
WIRE CONNECTION



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	1/2/3 HP	5/7.5 HP	10 HP	5/7.5/10 HP	1/2/3 HP	15HP
	96-126, 96-59, 96-158	96-127, 96-60	96-143	96-140	96-139	96-161
Input(DC)						
DC Voltage Ranges	30-400	200-850				
AC Voltage Ranges (if applicable)*	NA	NA	360-460 VAC (3P)		90-245 VAC (1P)	200-480 VAC 3PH
Output (AC)						
Nominal AC Voltage Ranges	0-300 VAC	0-560 V			0-300 VAC	0-480VAC
Frequency	0-200Hz					
Max. AC Current	15	15	15	20	15	25
Rated Power at AC Side	3000	6750	9000	9000	3000	14000W
Power Factor	0.7-1 at full load					
THD	70-150%					
Slope	4000 V/uS	7200 V/uS	7200 V/uS	7200 V/uS	4000 V/uS	8300 V/uS
Peak	400 V	750 V	750 V	750 V	400 V	850 V
Connection Phases	3 Phase only					
Efficiency						
Max Efficiency	>93%	>95%	>96%	>96%	>93%	>96%
General Data						
Protection	Short Circuit, Lightning/Surge, Over Temperature, Over Current, Over voltage, Dry Run					
Ingress Protection	IP 65					
Operating Temperature Range	-20 c to 70° C (45°C to 70°C with derating)					

WHY TO CHOOSE SHAKTI'S SIMHA PLUS UNIVERSAL DRIVE

OTHER DRIVES	SIMHA PLUS UNIVERSAL DRIVE
Relatively difficult installation & operation	Simple installation & operation with graphical LCD
Confusing connections with possibility of shock	Colour Coded wire 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

India : Toll Free No. 1800 103 5555

Other Countries : +91-7292 410500

SHAKTI PUMPS (INDIA) LIMITED

Sector - 3, Pithampur - 454774, Dist. - Dhar, (M.P.) - INDIA.
Tel.: +91-7292 410500, E-mail: info@shaktipumps.com,
Web: www.shaktipumps.com



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