

Features

- Bookcase Design
- Output Frequency up to 599HZ
- Removable Keypad
- RJ45 Connection for PC and Copy Unit Unit connection
- STO function to EN61508 SIL2
- Single phase, 200 / 240V from 0.4kW to 2.2kW
- Three phase, 400 / 480 V from 0.75kW to 3.7kW

RS PRO Inverter Drives

RS Stock No.: 2830961



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

*Providing users with powerful AC motor speed control in a compact space saving design the ***** provides application versatility that meets the needs of global OEMs and end users that require space savings and easy to use AC drives.*

*The ***** benefits from easy programming, feed through wiring and Safe Torque Off (STO).*

Applications include automatic doors, entry gates, fans, pumps, blowers, food processing equipment, machine tools, mixers, conveyor equipment, packaging machinery, palletizers, ring spinning machines, roving machines, carding machines, draw/twist machine, etc...

General Specifications

Drive Type	V/F Frequency Control
Function	Motor control; Run / Stop / Forward / Reverse
For Use With	AC motors Three Phase 0-240V
Control Panel	Display: Parameter / Parameter Value / Frequency / Line Speed / DC Voltage / Output Voltage / Output Current / PID Feedback / IO Terminal Status / Heatsink Temperature / Program Version / Fault Log
Interface	IO-Link, Ethernet, Guardlink
Communication Type	RS485 (Modbus) built in with one to one or one to many control, Profibus, DeviceNet, CANopen TCP/IP by gateways
Special Features	Built in Modbus / Removable Keypad / Bookcase Design / STO / PTC Feedback
Filter Included	Yes – EN61800-3, First Environment Category C2.

Electrical Specifications

Input Phase	1 (Single)
Power Rating	2.2kW / 3 HP
Output Voltage Rating	0-240V Three Phase
Output Current Rating	10.5A
Output Frequency	0Hz to 599Hz
Output Frequency Resolution	Digital Input 0.01HZ Analogue Input 0.015Hz / 60Hz
Supply Voltage	Single Phase 200 - 240V (+10% -15%) 50/60HZ
Input Current	16.4A
Maximum Load	150% x 60 seconds (every 10 minutes)

W

Electrical Specifications

Speed Specifications	
Speed Control Range	0Hz to 599Hz
Speed Accuracy (100% Torque)	3%
Acceleration Time	0.1 Seconds to 3600 Seconds
Deceleration Time	0.1 Seconds to 3600 Seconds

Mechanical Specifications

Overall Dimensions	64mm x 230mm x 173mm
Overall Width	64mm
Overall Length	230mm
Overall Depth	173mm
Mounting Type	DIN Rail; Panel
Weight	1.2Kg

Operation Environment Specifications

Ambient Temperature	-10 - +50°C (with fan) -10 - +40°C (without fan)
Storage Temperature	-20°C to 60°C
Altitude	Max. 1000m above sea level

Protection Category

IP Rating	IP20
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Approvals

Standards Met	CE / UKCA / UL / cUL / RCM
Declarations	EMC EN61800-3 LVD EN611800-5-1 Electrical Safety UL61800-5-1

Similar Products

Parameters	Stock#	Stock#	Stock#	Stock#
Brand	RS PRO	RS PRO	RS PRO	RS PRO
Drive Type				
Function				
For Use With				
Control Panel				
Interface				
Field Bus Communication Type				
Phase				
Power Rating				
Output Voltage Rating				
Output Current Rating				
Output Frequency				
Output Frequency Resolution				
Supply Voltage				
Input Current				
Maximum Load				
Power Factor (λ)				
Offset factor ($\cos\phi$)				
Efficiency (η)				
Speed Specification				
Overall Dimensions				
Mounting Type				
IP Rating				
Hazardous Area Certification				