

Control Techniques, Nidec Motor Corp

SP3402

Nidec Variable Frequency AC Drive / Servo Drive - Input Phase 3, Supply Voltage 380/480 V ac, 30 hp Normal Duty, Output Current 43 A Normal Duty, IP 20 Rating, 50/60 Hz, Open Loop Vector Control, Closed Loop Induction Motor Control, Regenerative Control, Servo Control, V/Hz Control, Rotor Flux Control

MI ITEM # 04528469 | MFR # SP3402



Tap image to view

Availability:  Factory Order



Shipping
Shipping time may vary. Motion rep will advise.

OVERVIEW

MFR DESCRIPTION SP3402 UNIDRIVE SP, 460VAC, 30HP

Unidrive SP AC/Servo Drive

SPECIFICATIONS

Agency Listing	cULus File E171230
Ambient Temperature Range	32 to 104 °F
Automation Option Cards	SM-APPS-LITE-V2, SM-APPS-PLUS, SM-REGISTER, SM-EZMOTION
Backup Option Cards	SMARTCARD
Communications Option Cards	SM-CAN, SM-CANOPEN, SM-DEVICENET, SM-ETHERCAT, SM-ETHERNET, SM-INTERBUS, SM-PROFIBUS-DP, SM-PROFINET, SM-SERCOS
Compatible Accessories	Backup, Communications, I/O, Feedback, Automation
Dynamic Braking	Dynamic Braking Transistor
Encoder Connection	Standard
Feedback Option Cards	SM-ENCODER-OUT, SM-ENCODER-PLUS, SM-RESOLVER, SM-UNI-ENCODER
Feedback Type	Incremental Encoder, Absolute Encoder
Horsepower Rating Heavy Duty	30 hp
I/O Option Cards	SM-I/O-32, SM-I/O-120V, SM-I/O-24V, SM-I/O-LITE,SM-I/O-PELV, SM-I/O-PLUS, SM-I/O-TIMER
Input Frequency Rating	50/60 Hz
Keypad / Display	Option SM-Keypad
Motor Phase	3 ph
Mounting Type	Surface, Through-panel
Number Of Analog Inputs	3
Number Of Analog Outputs	2
Number Of Digital Inputs	3
Number Of Digital Outputs	1
Number Of Option Slots	3
Number of Relays	1
Operating Temperature Range	+32 to +122 °F
Output Current Heavy Duty	40 A
Overall Depth	260 mm
Overall Height	368 mm
Overall Width	250 mm
PI / PID Controller	PID Controller
PLC Functions	Onboard PLC
Peak Current Heavy Duty	70 A
Peak Current Normal Duty	47 A

Pulse Train Input Capability	Yes
Pulse Train Output Capability	Yes
Remote Keypad	SM-KEYPAD-PLUS
Serial Communication Onboard	Modbus RTU
Serial Communication Options	CANOpen, DeviceNet, EtherNet/IP, Modbus TCP/IP, EtherCAT, PROFIBUS DP
Series	Unidrive SP
Standard Operating Temperature Range	32 to +104 °F
Standards Met	UL508C, EN 61800-5-1:2007, EN 61800-3:2004, EN 61000-6-2:2005, EN 61000-6-4:2007, EN 61000-3-2:2006, EN 61000-3-3:2008
Typical Application	Fans, Pumps, Conveyors, Compressors, Extruders, Winders, Hoists, Packaging, Printing, Cutting
Warranty	2 Years
Weight	33.1 lbs
Horsepower Rating Normal Duty	30 hp
Operation Mode	Open Loop Vector Control, V/Hz Control, Closed Loop Induction Motor Control, Regenerative Control, Servo Control, Rotor Flux Control

COMPLIANCE & SAFETY DATA

