

GS11N-20P5 Cut Sheet



DURApulse GS10 series AC micro drive, enclosed, 230 VAC, 1/2hp with 1-phase input, SVC or V/Hz mode, A3 frame, RS-485, integrated dynamic braking.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/GS11N-20P5>

Technical Specifications

Brand	DURApulse
Item	Drive
Controller Type	Micro
Series	GS10
Voltage Type	AC
Nominal Drive Input Voltage	230 VAC
Nominal Drive Output Voltage	230 VAC
Number of Input Phases	1
Number of Output Phases	3
Horsepower By Input Phase	1/2hp with 1-phase input
Amperage Rating	2.8A
Variable Torque Amperage Rating	3.2A
Control Mode	SVC or V/Hz
Safe Torque Off (STO)	No
Temperature Rating	-20 to 50 deg C
Enclosure Type	Enclosed
IP Rating	IP20
Mounting	Panel or wall
Frame Size	A3
Dynamic Braking	Integrated dynamic braking
Communication Port and Connection Type(s)	(1) RS-485 (RJ45)
Port Protocol(s)	• Modbus RTU Slave • Modbus ASCII Slave
Port Speed(s)	up to 38.4k baud
Input Signal	4-20 mA, voltage or potentiometer input
Output Type	PWM output
Reverse Capability	Built-in
Internally Bypassed	No
Carrier Frequency Range	2-15 kHz
Output Frequency Range	0.1-599 Hz

Number of Analog Input Channels	1
Number Of Input Channels	1
Analog Input Signal Type	Current/voltage
Number of Non-Isolated Analog Input Commons	1
Number of Points per Analog Input Common	1
Input Resolution	12-bit
Input Current Signal Range	0-20 mA, 4-20 mA
Input Voltage Signal Range	0-10 VDC
Number of Analog Output Channels	1
Number Of Output Channels	1
Analog Output Signal Type	Voltage
Number of Non-Isolated Analog Output Commons	1
Number of Points per Analog Output Common	1
Output Resolution	12-bit
Output Voltage Signal Range	0-10 VDC
Number of Discrete Input Points	5
Nominal Discrete Input Voltage	24 VDC
Discrete Input Type	Sinking/sourcing
Number of Non-Isolated Discrete Input Commons	2
Number of Points per Discrete Input Common	3
Number of Discrete Output Points	2
Nominal Discrete Output Voltage	240 VAC and 48 VDC
Discrete Output Type	Relay/sinking/sourcing

GS11N-20P5 Cut Sheet

Relay Configuration	(1) Form C (SPDT) relay
Number of Non-Isolated Discrete Output Commons	1
Number of Isolated Discrete Output Commons	1
Number of Points per Discrete Output Common	1
Load Current	3A/point relay, 50 mA/point discrete
Fuse Type	User-supplied external fuse
SCCR Rating	100kA SCCR
Connector Type	Spring clamp terminals
For Use With	3-phase induction and permanent magnet AC motors

Agency Approvals

UL Listed File #	E198015
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	none
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/GS11N-20P5.pdf>
See store item page for other formats.