

GS1-20P2 Cutsheet



AutomationDirect GS1 series AC micro drive, enclosed, 230 VAC, 1/4hp with 3-phase and 1-phase input, V/Hz mode, A frame, RS-485, Modbus, 5kA SCCR.

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



<https://www.automationdirect.com/pn/GS1-20P2>

Technical Specifications

Brand	AutomationDirect	Output Frequency Range	1-400 Hz
Item	Drive	Number of Analog Input Channels	1
Controller Type	Micro	Number Of Input Channels	1
Series	GS1	Analog Input Signal Type	Current/voltage
Voltage Type	AC	Number of Non-Isolated Analog Input Commons	1
Nominal Drive Input Voltage	230 VAC	Number of Points per Analog Input Common	1
Nominal Drive Output Voltage	230 VAC	Input Resolution	10-bit
Number of Input Phases	3 and 1	Input Current Signal Range	0-20 mA, 4-20 mA
Number of Output Phases	3	Input Voltage Signal Range	0-10 VDC
Horsepower By Input Phase	1/4hp with 3-phase and 1-phase input	Number of Discrete Input Points	4
Amperage Rating	1.6A	Nominal Discrete Input Voltage	24 VDC
Variable Torque Amperage Rating	1.6A	Discrete Input Type	Sourcing
Control Mode	V/Hz	Number of Non-Isolated Discrete Input Commons	1
Safe Torque Off (STO)	No	Number of Points per Discrete Input Common	4
Temperature Rating	-10 to 40 deg C	Number of Discrete Output Points	1
Enclosure Type	Enclosed	Nominal Discrete Output Voltage	240 VAC and 24 VDC
IP Rating	IP20	Discrete Output Type	Relay
Mounting	35mm DIN rail or wall	Relay Configuration	(1) Form C (SPDT) relay
Frame Size	A	Number of Isolated Discrete Output Commons	1
Dynamic Braking	None	Number of Points per Discrete Output Common	1
Communication Port and Connection Type(s)	(1) RS-485 (RJ12)	Load Current	2.5A/point
Port Protocol(s)	<ul style="list-style-type: none">Modbus RTUModbus ASCII	Fuse Type	User-supplied external fuse
Port Speed(s)	<ul style="list-style-type: none">up to 19.2k baud	SCCR Rating	5kA SCCR
Input Signal	4-20 mA, voltage or potentiometer input	Connector Type	Screw terminals
Output Type	PWM output	For Use With	3-phase induction motors
Reverse Capability	Built-in		
Internally Bypassed	No		
Carrier Frequency Range	3-10 kHz		

Agency Approvals

GS1-20P2 Cutsheet

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
Other	None