

GS2-20P5 Cut Sheet



GS2 series AC micro drive, enclosed, 1/2hp with 3-phase and 1-phase input, V/Hz mode, A frame, RS-232/RS-485.

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



<https://www.automationdirect.com/pn/GS2-20P5>

Technical Specifications

Item	Drive
Controller Type	Micro
Series	GS2
Voltage Type	AC
Number of Input Phases	1 and 3
Number of Output Phases	3
Horsepower By Input Phase	1/2hp with 3-phase and 1-phase input
Amperage Rating	2.5A
Variable Torque Amperage Rating	2.5A
Control Mode	V/Hz
Safe Torque Off (STO)	No
Temperature Rating	-10 to 50 deg C
Enclosure Type	Enclosed
IP Rating	IP20

Mounting	35mm DIN rail, panel or wall
Frame Size	A
Communication Port and Connection Type(s)	(1) RS-232/RS-485 (RJ12)
Port Protocol(s)	<ul style="list-style-type: none">• Modbus RTU• Modbus ASCII
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	1-12 kHz
Output Frequency Range	0.1-400 Hz
Connector Type	Screw terminals
For Use With	3-phase induction 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/GS2-20P5.pdf>
See store item page for other formats.