

GS3-2025 Cut Sheet



DURApulse GS3 series AC general purpose drive, enclosed, 230 VAC, 25hp with 3-phase input, SVC or V/Hz mode, D frame, RS-485, external dynamic braking unit required.

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



<https://www.automationdirect.com/pn/GS3-2025>

Technical Specifications

Brand	DURApulse	Number Of Input Channels	3
Item	Drive	Analog Input Signal Type	Current/voltage
Controller Type	General purpose	Number of Non-Isolated Analog Input Commons	1
Series	GS3	Number of Points per Analog Input Common	3
Voltage Type	AC	Input Resolution	10-bit
Nominal Drive Input Voltage	230 VAC	Input Current Signal Range	0-20 mA and 4-20 mA
Nominal Drive Output Voltage	230 VAC	Input Voltage Signal Range	+/- 10 VDC
Number of Input Phases	3	Number of Analog Output Channels	1
Number of Output Phases	3	Number Of Output Channels	1
Horsepower By Input Phase	25hp with 3-phase input	Analog Output Signal Type	Voltage
Amperage Rating	75A	Number of Non-Isolated Analog Output Commons	1
Variable Torque Amperage Rating	75A	Number of Points per Analog Output Common	1
Control Mode	SVC or V/Hz	Output Resolution	8-bit
Safe Torque Off (STO)	No	Output Voltage Signal Range	0-10 VDC
Temperature Rating	-10 to 40 deg C	Number of Discrete Input Points	11
Enclosure Type	Enclosed	Nominal Discrete Input Voltage	24 VDC
IP Rating	IP20	Discrete Input Type	Sinking/sourcing
Mounting	Panel or wall	Number of Non-Isolated Discrete Input Commons	1
Frame Size	D	Number of Points per Discrete Input Common	11
Dynamic Braking	External dynamic braking unit required	Number of Discrete Output Points	4
Communication Port and Connection Type(s)	(1) RS-485 (RJ12)	Nominal Discrete Output Voltage	240 VAC and 48 VDC
Port Protocol(s)	• Modbus RTU • Modbus ASCII	Discrete Output Type	Relay/sinking/sourcing
Port Speed(s)	up to 38.4k baud	Relay Configuration	(1) Form C (SPDT) relay
Input Signal	4-20 mA, voltage or potentiometer input	Number of Non-Isolated Discrete Output Commons	1
Output Type	PWM output		
Reverse Capability	Built-in		
Internally Bypassed	No		
Carrier Frequency Range	1-15 kHz		
Output Frequency Range	0.1-400 Hz		
Number of Analog Input Channels	3		

GS3-2025 Cut Sheet

Load Current	2.5A/point relay, 50 mA/point discrete
Fuse Type	User-supplied external fuse
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