

GSD3-240-3N4 Cut Sheet



IronHorse GSD3 series DC general purpose drive, 120/240 VAC, 1-phase, 1/50 to 1/3hp at 90 VDC and 1/25 to 2/3hp at 180 VDC, 3A, NEMA 4, panel mount, field-install reverse, potentiometer input, SCR output.

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



<https://www.automationdirect.com/pn/GSD3-240-3N4>

Technical Specifications

Brand	IronHorse
Item	Drive
Controller Type	General purpose
Series	GSD3
Voltage Type	DC
Number of Input Phases	1
Nominal Drive Input Voltage	120/240 VAC
Nominal Drive Output Voltage	Output up to 90/180 VDC
Horsepower by Voltage	1/50 to 1/3hp at 90 VDC and 1/25 to 2/3hp at 180 VDC
Amperage Rating	3A
Variable Torque Amperage Rating	0.15 - 3A
Control Mode	DC
Safe Torque Off (STO)	No

Temperature Rating	-10 to 40 deg C
Enclosure Type	NEMA 4
IP Rating	IP65
Mounting	Panel
Input Signal	Potentiometer input
On/Off Switch	Yes
Shunt Field Supply	Yes
Output Type	SCR output
Reverse Capability	Field-install
Output Frequency Range	DC
Connector Type	1/4in quick-disconnect
SCCR Rating	SCCR exempt
For Use With	Permanent magnet DC, shunt wound DC and universal motors
Includes	Factory-installed speed potentiometer with knob and 0-100% faceplate

Agency Approvals

UL Listed File #	E333109
UL Recognized File #	None
UL Hazardous File #	None
CE	None
CSA File #	None
RoHS Status	No
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/GSD3-240-3N4.pdf>
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