

# GSD3-24A-3N4 Cut Sheet



IronHorse GSD3 series DC general purpose drive, 12/24 VAC, 1-phase, 1/50 to 1/25hp at 12 VDC and 1/25 to 1/12hp at 24 VDC, 3A, NEMA 4, wall 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/GSD3-24A-3N4>

## Technical Specifications

<b>Brand</b>	IronHorse
<b>Item</b>	Drive
<b>Controller Type</b>	General purpose
<b>Series</b>	GSD3
<b>Voltage Type</b>	DC
<b>Number of Input Phases</b>	1
<b>Nominal Drive Input Voltage</b>	12/24 VAC
<b>Nominal Drive Output Voltage</b>	Output up to 12/24 VDC
<b>Horsepower by Voltage</b>	1/50 to 1/25hp at 12 VDC and 1/25 to 1/12hp at 24 VDC
<b>Amperage Rating</b>	3A
<b>Variable Torque Amperage Rating</b>	0.15 - 3A
<b>Control Mode</b>	DC
<b>Safe Torque Off (STO)</b>	No

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

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	None
<b>CSA File #</b>	None
<b>RoHS Status</b>	No
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/GSD3-24A-3N4.pdf>  
See store item page for other formats.