

# GSD1-48-10C Cut Sheet



IronHorse GSD1 series DC full-featured drive, 12-48 VDC, 1-phase, 1/50 to 1/8hp at 12 VDC and 1/12 to 1/2hp at 48 VDC, 10A, open frame, panel mount, field-install reverse, potentiometer input, PWM output.

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



<https://www.automationdirect.com/pn/GSD1-48-10C>

## Technical Specifications

<b>Brand</b>	IronHorse
<b>Item</b>	Drive
<b>Controller Type</b>	Full-featured
<b>Series</b>	GSD1
<b>Voltage Type</b>	DC
<b>Number of Input Phases</b>	1
<b>Nominal Drive Input Voltage</b>	12-48 VDC
<b>Nominal Drive Output Voltage</b>	Output up to input voltage
<b>Horsepower by Voltage</b>	1/50 to 1/8hp at 12 VDC and 1/12 to 1/2hp at 48 VDC
<b>Amperage Rating</b>	10A
<b>Variable Torque Amperage Rating</b>	10A
<b>Control Mode</b>	DC
<b>Safe Torque Off (STO)</b>	No

<b>Temperature Rating</b>	-30 to 65 deg C
<b>Enclosure Type</b>	Open frame
<b>IP Rating</b>	IP00
<b>Mounting</b>	Panel
<b>Input Signal</b>	Potentiometer input
<b>On/Off Switch</b>	No
<b>Shunt Field Supply</b>	No
<b>Output Type</b>	PWM output
<b>Reverse Capability</b>	Field-install
<b>Carrier Frequency Range</b>	18 kHz
<b>Output Frequency Range</b>	DC
<b>Connector Type</b>	Screw terminals
<b>SCCR Rating</b>	SCCR exempt
<b>For Use With</b>	Permanent magnet DC and universal motors
<b>Includes</b>	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>	View <a href="#">EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/GSD1-48-10C.pdf>  
See store item page for other formats.