

GSD1-48-10N4X 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, NEMA 4X, wall 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/GSD1-48-10N4X>

Technical Specifications

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|--|---|
| Brand | IronHorse |
| Item | Drive |
| Controller Type | Full-featured |
| Series | GSD1 |
| Voltage Type | DC |
| Number of Input Phases | 1 |
| Nominal Drive Input Voltage | 12-48 VDC |
| Nominal Drive Output Voltage | Output up to input voltage |
| Horsepower by Voltage | 1/50 to 1/8hp at 12 VDC and 1/12 to 1/2hp at 48 VDC |
| Amperage Rating | 10A |
| Variable Torque Amperage Rating | 10A |
| Control Mode | DC |
| Safe Torque Off (STO) | No |
| Temperature Rating | -15 to 60 deg C |

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| Enclosure Type | NEMA 4X |
| IP Rating | IP67 |
| Mounting | Wall |
| Input Signal | Potentiometer input |
| On/Off Switch | Yes |
| Shunt Field Supply | No |
| Output Type | PWM output |
| Reverse Capability | Field-install |
| Carrier Frequency Range | 18 kHz |
| Output Frequency Range | DC |
| Connector Type | Screw terminals |
| SCCR Rating | SCCR exempt |
| For Use With | Permanent magnet DC and universal motors |
| Includes | Factory-installed speed potentiometer with knob and 0-100% faceplate |

Agency Approvals

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|-----------------------------|--|
| UL Listed File # | None |
| 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/GSD1-48-10N4X.pdf>
See store item page for other formats.