

GSD5-240-10N4 Cut Sheet



IronHorse GSD5 series DC general purpose drive, 120/240 VAC, 1-phase, 1/8 to 1hp at 90 VDC and 1/4 to 2hp at 180 VDC, 10.8A, NEMA 4/12, 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/GSD5-240-10N4>

Technical Specifications

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| Brand | IronHorse |
| Item | Drive |
| Controller Type | General purpose |
| Series | GSD5 |
| 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 | 1/8 to 1hp at 90 VDC and 1/4 to 2hp at 180 VDC |
| Amperage Rating | 10.8A |
| Variable Torque Amperage Rating | 150 mA - 10.8A |
| Control Mode | DC |
| Safe Torque Off (STO) | No |
| Temperature Rating | -10 to 45 deg C |

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| Enclosure Type | NEMA 4/12 |
| IP Rating | IP65 |
| Mounting | Wall |
| 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 | Screw terminals |
| 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

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| 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 |