

GSD8-240-10N4X Cut Sheet



IronHorse GSD8 series DC digital drive, 120/240 VAC, 1-phase, 1hp at 90 VDC and 2hp at 180 VDC, 10A, NEMA 4X, wall mount, field-install reverse, high-speed pulse input, SCR output. Requires encoder.

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



<https://www.automationdirect.com/pn/GSD8-240-10N4X>

Technical Specifications

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| Brand | IronHorse |
| Item | Drive |
| Controller Type | Digital |
| Series | GSD8 |
| 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 | 1hp at 90 VDC and 2hp at 180 VDC |
| Amperage Rating | 10A |
| Variable Torque Amperage Rating | 150 mA - 10A |
| Control Mode | DC |
| Safe Torque Off (STO) | No |
| Temperature Rating | -10 to 45 deg C |
| Enclosure Type | NEMA 4X |
| IP Rating | IP67 |

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| Mounting | Wall |
| Input Signal | High-speed pulse input |
| Input Voltage Signal Range | 0-5 VDC, 0-24 VDC |
| Maximum Switching Frequency | 10 kHz |
| Relay Configuration | (1) Form C (SPDT) relay |
| On/Off Switch | Yes |
| Shunt Field Supply | No |
| 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 character display and on/off selector switch |
| Requires | Encoder |

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 | Meets RoHS Chemical Restrictions - No CE (See RoHS Statement Below) |
| EU REACH | View EU REACH document |