

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

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

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

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