

GSD5-240-10N4-V 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, current, voltage or 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-V>

Technical Specifications

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

Enclosure Type	NEMA 4/12
IP Rating	IP65
Mounting	Wall
Input Signal	Current, voltage or potentiometer input
Input Voltage Signal Range	0-5 VDC, 0-250 VDC
On/Off Switch	No
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

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/GSD5-240-10N4-V.pdf>
See store item page for other formats.