

July 26, 2022

PRODUCT NAME: HERCULES 05
SERIES / PART NUMBER: 6000-0000-05



The 6000 series Hercules 05 builds upon the proven performance and reliability of the current Hercules 6000 series V-MUX® multiplex node. It uses the same Weldon SystemDesigner™ software for easy configuration and programming of Hercules node and is backward compatible with all 12-and 24-volt Hercules variants.

The Hercules 05 node brings the same robustness and connectivity, allowing OEM builders to streamline their V-MUX-designed vehicles to meet customers' requirements for multiplex vehicle designs.



NOTE: The Hercules 05 will function with design files created for any previous Hercules variant without recompiling.

PRODUCT UPDATES

The new 6000-000-05 HERCULES 05 maintains nearly all functionality as the current 6000-1000-04 Hercules with the following differences:

	Hercules 04	Hercules 4.5	Hercules 05
Fault Detect = false	Output stays on even when fault is detected. FET does thermal cycling.	Output turns off when fault is detected. Output can be turned on again.	-Short detect is always enabled -Doesn't detect open or overcurrent
Fault Detect = true	Output turns off when fault is detected.	Output turns off when fault is detected. Output stays off unless power is recycled.	-Short detect is always enabled. -Detect open and overcurrent -Overcurrent level is set at 13 amp for high current outputs and 4 for low current outputs. -Custom overcurrent level can be set for each output.
PWM	Outputs 1, 2, 15, 16	Outputs 1, 2, 15, 16	All outputs
Inputs	Switch polarity can be battery, ground, or battery/ground.	Switch polarity can be battery, ground, or battery/ground.	-Switch polarity can only be battery or ground. -Treat float as ground if Hercules 04 design
Oper. Voltage	9-32vDC (12v or 24vDC systems)	9-16vDC (12vDC systems)	9-32vDC (12v or 24vDC systems)

LIST PRICE (US Dollars, FOB Columbus, OH USA)

Style #	Description	Price
6000-0000-05	Hercules 05	\$2,359

AVAILABILITY

Available August 8, 2022, with a four-week lead time.

Please get in touch with Weldon Customer Care to update any outstanding orders of 6000-0000-05.

SPECIFICATION

- Programming: SystemDesigner™ Software, backward compatibility with all Hercules variants
- Volts: +9 vDC to +32 vDC (12v or 24v systems)
- Operating Temperature: -40C to 85C
- Dimension: 12.13" x 2.60" x 5.91" (4.2 lbs. – 2.1kg)
- Output: 26
- Inputs: 19
- Total Load Rating: 120 amps

Contact Customer Care at 800.228.1161 or your Weldon Representative for further detail