

VME 64x 3U 165 Series

Hartmann Electronic is an industry leader in the designing, manufacturing and production of backplane technology, including VME and VME64x. Over the evolution of its near 40 years of existence, VME-bus has become a worldwide standard and is still used in a wide variety of applications across many different markets. Hartmann's innovation in cost effective design benefits customers in diverse industries including military, transportation, medical imaging, telecom, industrial controls, and aerospace.

The 3U 165 Series for VME64x boasts a variety of configurations to fit a complex array of needs. Available in 3, 9, 10 and 21 slot configurations, there is an option for every need. Talk to a Hartmann representative today to see which configuration will work for you!

Additional Information	
Form Factor	3U J1
Slots	10, 21, 3, 9
Slot Pitch	4HP (20.32 mm)
Power Consumption, Both Ends Terminated	Active: < 0.1A, Passive: < 1.6A
Power Supply Connection	Terminal bar / screw terminal M6
Daisy Chaining/Bus Grant	Electronic automatic (OR gate), Manual (jumper or wire wrap, on request)
Permissible Current Load	200A terminal bar, 25A combined double spade/ screw connection, 10A Faston connector
Permissible Current Load Per Slot	+3.3V 12.5A, +5V 9.0A, +12V 1.5A, -12V 1.5A, +5V Standby 1.5A, +48V (38-75V) 3.0A
Termination ON/IN Board	Active, Passive
PCB Design	Optimized for best HF behavior
Base Specification	ANSI/VITA 1.1-1997
Base Material	Type FR-4
Ohmic Resistance	< 1.5 Ohm
Surge Impedance Z of Signal Lines	60 Ohm
Chassis GND	Continuous chassis GND surface where backplane is mounted to rack., HF coupling of rack and system ground implemented by capacitors (10nF, 200V each slot). Chassis ground combination M6 screw / Faston 6.3 x .8 mm
Card Thickness	4.3 mm (.17")
Connectors	160 pin, 2 mm press-fit, quality grade 2
Operating Temperature	Active: 0°C ... +70°C, Passive: -40°C ... +85°C
Relative Humidity	90%, non-condensing

PART NO.	HEIGHT	DAISY CHAINING/BUS GRANT	TERMINATION ON/IN BOARD	DATASHEET
B1654_ _ A7D	3U	Electronic automatic (OR gate)	Active	NA
B1654_ _ A7B	3U	Manual (jumper or wire wrap, on request)	Active	NA

_ _ = Number of slots

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