



Understanding Industrial Modular Enclosures

By using Rittal system solutions, you benefit from our perfectly coordinated modular system comprising enclosure, climate control, power distribution and IT infrastructure systems.



VS.



Rittal	Advantage	Design Features	Hoffman
Side-to-back; side-to-side; top-to-bottom and back-to-back	<i>Greater design possibilities to meet customer needs</i>	Baying	Side-to-side and front-to-rear baying options only
Steel folded 16x and closed welded	<i>Stronger frame construction and fewer points of failure</i>	Frame	Steel folded 6x and closed welded
Completely symmetrical vertical and horizontal sections	<i>Identical accessories for width and depth limits inventory and parts needed on site</i>	Frame Symmetry	Non-symmetrical vertical and horizontal sections
4-point latches	<i>4-point latches generate a tighter and stronger seal</i>	Latch System	3-point latches
Mounting on inner and outer frame level	<i>15% more mounting surface for accessories</i>	Mounting	Mounting on inner frame only
Plastic slide blocks with metal pin; retrofit installation of earthing	<i>Mounting plate is easier to install due to fewer screws and the lock-in aid</i>	Mounting Plate	Slide blocks are not self aligning with the frame of the enclosure
One-person changeover on any side	<i>Swapping door hinges to opposite side is much less time-consuming</i>	Door Installation	Doors installed on sides of enclosure require the purchase and install of an addition adapter kit
External panels grounded to frame	<i>Assured grounding minimizes risks and reduces EM/RF interference</i>	Grounding	Straps must be purchased and installed separately
Nanoceramic pre-treatment, electrophoretic dipcoat priming, powder coating	<i>Multi-step automotive-like process increases long-lasting corrosion resistance</i>	Surface Finish	Textured power inside and out
16-gauge steel frame	<i>Lighter, easier to maneuver and requires only one person to move</i>	Material Thickness	12-gauge steel frame
2 screws on top for installation	<i>One-person installation improves efficiency and less hardware decreases potential for errors</i>	Panel Installation	Slide blocks require 12 pieces of hardware to attach mounting plate to the enclosure. No installation safety provision provided
CSA, UL, cUL; 7 additional global standard approvals	<i>Greater operational footprint in vertical markets like shipping, oil and gas, and automotive</i>	Approvals	CSA, UL, cUL



See How Rittal is Engineered Better
 Download our Modular Enclosure Buyer's Guide to see how Rittal products are better than the competition!

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Change for the Better.



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

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