The Best of Both Worlds

Ongoing technological advances in manufacturing operations and other modern industrial applications are increasingly integrating IT-dependent processes, making the use of IT equipment outside of the data center more and more prevalent. This requires enclosure solutions that can meet the demands of both IT performance and industrial-grade protection.
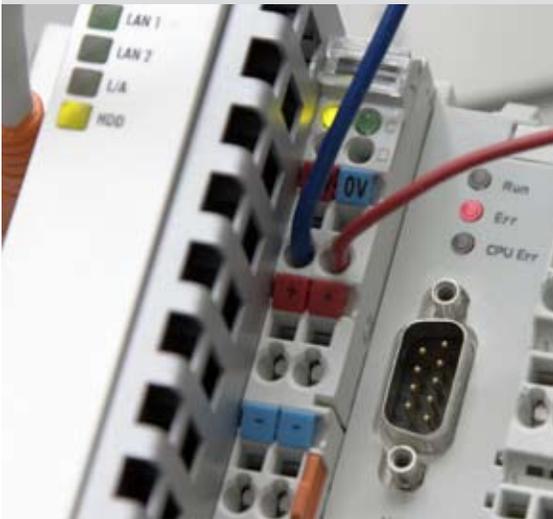
Building upon decades of experience in both industrial and IT modular enclosure solutions, Rittal offers UL Type 12 rated TS8 enclosures that incorporate the best of both worlds—the protection of our industrial enclosures and the flexibility and performance of our IT rack enclosures. Rittal's UL Type 12 network enclosures are compatible with a wide range of both industrial and IT accessories including Rittal industrial cooling products such as filter fans and air conditioners that can remove the heat necessary to keep installed IT equipment up and running while maintaining the critical UL protection rating.

Feature-Rich, Factory-Friendly

Rittal UL Type 12 network enclosures are designed with user- friendly details derived from the real-world application challenges faced by both IT and industrial customers such as: infinitely depth-adjustable 19" rails with "U" markings that are plainly printed on the front and rear surfaces of each rail, maximum internal-volume-for-footprint with a 3,200 lb load capacity and multiple points for mounting, a number of toolless cable management options, and internal hinges and locking points for heightened security.

Frame System-Multi-Fold Frame Design
• Steel frame-Strength and Rigidity
• Torsion free structure
• Multiple internal surfaces and points for mounting
• Maximum internal volume for footprint
• External access to all installation points for doors, walls and baying
• Maximum load bearing capacity-3200lbs

External Surfaces-Doors and Walls
• Secure to external surfaces of frame
• Doors easily removed or reversed
• Sidewalls can be screwed on, locked in place
• Internal door hinge and lock points for maximum security
• Door stiffener to stabilize door and provide additional mounting surfaces
• Ground studs on all surfaces
• External surfaces do not affect load bearing capacity-same ratings with or without panels
• Available in RAL 7035, Black upon request

19" Mounting Rails
• Infinitely depth adjustable and maintain load capacity regardless of where the rails are positioned
• Floating installation system-19" rails are not secured to the cabinet frame or lateral supports; can be adjusted independently
• "Z" shaped, multi-fold profile, provided high load bearing capacity and multiple mounting surfaces
• 19" mounting in 24" wide cabinets, 19" and 23" mounting in 32 wide cabinets
• "U" markings on the front and rear surfaces of each rail

FRIEDHELM **LOH** GROUP

RITTAL

Rittal UL Type 12 Network Enclosures

Taking IT Beyond the Data Center

Specifications

Material
Sheet Steel
Enclosure Frame, roof, and gland plates:
16 gauge (1.5 mm)
Doors: 14 gauge (2.0 mm)
19" Rails: 12 gauge (2.5 mm)

Finish
Enclosure Frame: Dipcoat-primed
19" Rails: Dipcoat-primed
Doors, Roof: Dipcoat-primed, powder
coated in textured RAL7035 on the
outside

Configuration
Enclosure Frame
Single doors, front and rear with Comfort
handles and lock inserts
Solid Roof
2 Pair 19" rails
Gland Plates

Rack Units	H x W x D inches (mm)	Enclosure Part Number	Sidewalls
24U	48 x 24 x 24 (1200 x 600 x 600)	**9963.487**	**8170.235**
	48 x 24 x 32 (1200 x 600 x 800)	**9963.488**	**8175.235**
	48 x 24 x 40 (1200 x 600 x 1000)	**9963.489**	**8176.235**
42U	80 x 24 x 24 (2000 x 600 x 600)	**9960.301**	**8106.235**
	80 x 24 x 32 (2000 x 600 x 800)	**9960.302**	**8108.235**
	80 x 24 x 40 (2000 x 600 x 1000)	**9963.490**	**8100.235**
	80 x 24 x 48 (2000 x 600 x 1200)	**9963.491**	**9969.955**
	80 x 32 x 32 (2000 x 800 x 800)	**9960.303**	**8108.235**
	80 x 32 x 40 (2000 x 800 x 1000)	**9963.608**	**8100.235**
	80 x 32 x 48 (2000 x 800 x 1200)	**9963.609**	**9969.955**
47U	88 x 24 x 24 (2200 x 600 x 600)	**9963.492**	**8126.235**
	88 x 24 x 32 (2200 x 600 x 800)	**9963.493**	**8128.235**
	88 x 24 x 40 (2200 x 600 x 1000)	**9963.494**	**9968.593**
	88 x 24 x 48 (2200 x 600 x 1200)	**9963.495**	**9969.957**
	88 x 32 x 32 (2200 x 800 x 800)	**9963.496**	**8128.235**
	88 x 32 x 40 (2200 x 800 x 1000)	**9963.497**	**9968.593**
	88 x 32 x 48 (2200 x 800 x 1200)	**9963.498**	**9969.957**

US180 • 9/09

Enclosure also available in black upon request

The Rittal Corporation is the U.S. subsidiary of Rittal GmbH & Co. KG and manufactures the world's leading industrial and IT enclosures, racks and accessories, including climate control and power management systems for industrial, data center, outdoor and hybrid applications. For more information about Rittal and its products, please visit www.rittal-corp.com or call 1-800-477-4000.

Switch to perfection **RITTAL** ®