

Rittal – The System.

Faster – better – everywhere.

Edge Solutions for Industry 4.0

Standalone from 2.6kW to 5.5kW

The Edge is everywhere. Pushing data to support your processes is the new frontier on the factory floor, in the distribution center, in a transit hub. Data, and the IT hardware supporting these processes and applications, demand the highest level of availability. Rittal Micro Data Center (MDC) solutions for the Edge provide a comprehensive and self-contained platform to support your next Industry 4.0 deployment. The Rittal MDC starts with the proven TS IT enclosure, adds the efficiency of Blue e+ AC climate control, and tops it off with a broad range of accessories to support cable management, power distribution, monitoring, and security. Engineered to protect your IT deployments, prevent unauthorized access, and maximize network uptime and resiliency. Rittal's pre-configured solutions can fit your individual requirements.

- The world's largest and most trusted brand for enclosures
- Proven TS IT enclosure built to protect delicate IT infrastructure and withstand dust, moisture, and wide range of ambient temperatures
- Scalable and repeatable solutions for global deployments
- Accessories available for cable management, power distribution, monitoring, security, and in-rack fire suppression
- No minimum heat load required due to hybrid technology



1.	Pre-engineered solutions with minimal site preparation — unpack, install, deploy, repeat
2.	Sealed to protect mission-critical IT equipment from dust, dirt, and water
3.	Safety, security, stability — designed to maximize uptime
4.	Remote monitoring and control for locations with limited IT support infrastructure

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



System Parameters		MDC Blue e+ Medium (2.6 kW)		MDC Blue e+ Large (5.5 kW)	
General Information	Model Number	EAC-26M Cable Entry Roof	EAC-26S Solid Roof	EAC-55M Cable Entry Roof	EAC-55S Solid Roof
	IT Load (Max.)	2.6kW		5.5kW	
	System Equipment	1 IT enclosure, 1 Blue e+ cooling unit			
	Overall Dimensions	Sidewall mount: 83" (H) x 43" (W) x 40" (D) Rear door mount: 83" (H) x 32" (W) x 52" (D)		Sidewall mount: 83" (H) x 43" (W) x 40" (D)	
	System Color	RAL 7035 Light Gray			
Base System					
IT Enclosure	Type/Doors	42U Enclosure with Solid Front Viewing and Solid Steel Rear Doors			
	Dimensions	42U/79" (H) x 32" (W) x 40" (D)			
	Accessories	Cable Management, Base Gland Plate, Sidewalls, LED light			
	Protection Rating	NEMA 12 / IP 55 except for roof (sealing kit provided)	NEMA 12 / IP 55	NEMA 12 / IP 55 except for roof (sealing kit provided)	NEMA 12 / IP 55
Cooling	Type	Self-contained Blue e+ air conditioner with two cooling circuits: active refrigerant cycle and passive hybrid heat pipe technology. IoT Interface for remote monitoring			
	Mounting Location	Sidewall. Rear door option available for 2.6kW models			
	Dimensions	63" (H) x 18" (W) x 12" (D)		63" (H) x 18" (W) x 15" (D)	
	Input Voltage	110-240V, 1~, 50-60Hz 380-480V, 3~, 50-60Hz		380-480V, 3~, 50-60Hz	
	Refrigerant	R513a			
	Condensate	Integrated electric condensate evaporator			
Base	Base (Plinth)	4" Raised Base for installation on slab floor			
Options					
Power	UPS	1x - 3000VA/2700W, L6-20P Input, (8) C13 & (2) C19 Receptacles, 208/230V, Rackmount 2U		1x - 6000VA/5400W, L6-30P Input, (2) L6-30R & (2) L6-20R Receptacles, 208V, Rackmount 3U	
	Rack PDU: Basic	1x - 3.33 kW Single-Phase 120V/208V/240V PDU, 16A, Outlets: (12) C13, C20 input, Rackmount 1U		1x - 5.5kW Single-Phase 208V/230V, (32) C13 & (6) C19 Outlets, NEMA L6-30P Input, 0U	
	Rack PDU: Metered	1x - 3.84kW Single-Phase 100V-240V, (18) C13 & (2) C19 Outlets, C20 or L6-20P Input, 0U		1x - 5.76kW Single-Phase 208V, (36) C13 & (6) C19 Outlets, NEMA L6-30P Input, 0U	
Monitoring	Environmental	Vandalism, temperature/humidity, leak detection. Additional sensors available.			
	Remote	Remote monitoring via web browser; alerts via SNMP and other protocols			
Security	Rack Access	Rack access control with PIN pad or card reader. Optional network camera			
Safety	Fire Suppression / Smoke Detection	In-rack 1U fire suppression system with Novec 1230; with start-up service. Sealing kit provided for roof brush strips			
Services	Optional	Installation, configuring, start-up service, preventative maintenance			

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