

CERTIFICATE

for a System with Cybersecurity Requirements as per
IEC 62443-4-2:2019

In accordance with TÜV NORD CERT procedures, it is hereby certified that


Rittal GmbH & Co. KG
Auf dem Stuetzelberg
35745 Herborn
Deutschland

meets the requirements of the standards listed above with the following development:

PDU Family 7979
Software Version V7.21

Certificate Registration No. 44 331 20172606
Audit Report No. 3537 3994

Valid from 2024-06-07
Valid until 2027-06-06
Initial certification -



Certification Body
at TÜV NORD CERT GmbH

Essen, 2024-06-07

This certification was conducted in accordance with the TÜV NORD CERT test and certification procedures and is subject to regular surveillance audits. Further details and technical data can be found in the annex.

ANNEX

to Certificate Registration No. 44 331 20172606
IEC 62443-4-2:2019

Certification System:	CERT-310-VA-001
Product description:	<p>The PDU is a power distribution unit for use in IT racks.</p> <p>There are four design variants, with the following distinguishing features:</p> <ul style="list-style-type: none"> • PDU metered: Energy measurement at the infeed of each phase, i.e. output requirement of an entire IT rack; no switching function; with display and network interface. • PDU metered plus: Energy measurement at each individual outlet socket; no switching function; with display and network interface. • PDU switched: Energy measurement at the infeed of each phase, i.e. output requirement of an entire IT rack; with switching function per individual output slot; with display and network interface. • PDU managed: Energy measurement and switching function for each individual output slot; with display and network interface. <p>The RCM Inline Meter is a differential-current measurement for deployment in IT racks. The differential current is measured at the power supply, i.e. for a complete IT rack.</p> <p>Further functions are:</p> <ul style="list-style-type: none"> • Energy measurement at the power supply for each phase, i.e. output requirement of a complete IT rack; no switching function; with display and network interface.



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Detailed Assessment Results:	<p>During the Assessment, it was examined whether the scope i.e. the product PDU Family 7979 is compliant with the requirements of IEC 62443-4-2 SL-2.</p> <p>The assessment was carried out on the following basis:</p> <ul style="list-style-type: none"> Document assessment of the product Configuration analysis of the product Validation of the product and its capability of security measures in the product. 		
Assessment boundaries:	-		
Assessed Requirements:	IEC 62443-4-2, SL-2		
Intended Use:	<p>The product supports power distribution functionality for use in IT racks and has the capability supporting security measures according to IEC 62443-4-2 , SL-2</p> <p>There are some requirements with verdict of "Potential of Improvement". During the IECEE certification process, these requirements must be improved with security measures implemented on the product and the gap must be closed.</p>		
Test-Coverage:	On-site Assessment, Configuration analysis		
Remarks:	-		
Hard- and Software Version:	Hardware Version	Software Version	Checksum
	Version 04	Version 7.21	



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