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## DK 7979.714

# RCM measurement module – Inline Meter

State: 27/09/2024 (Source: [rittal.com/uk-en](http://rittal.com/uk-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7979.714 - RCM measurement module – Inline Meter

Autonomous energy metering unit (including differential current monitoring) in a 1 U/19" form factor. The unit is incorporated into the supply lead to the equipment, a PDU basic or a modular PDU without measurement function. All key electrical characteristics are logged.

## Features

Model No.	DK 7979.714
Design	32 A / three-phase
Product description	Autonomous energy metering unit (including differential current monitoring) in a 1 U/19" form factor. The unit is incorporated into the supply lead to the equipment, a PDU basic or a modular PDU without measurement function. All key electrical characteristics are logged in the same way as with a PDU metered. Additionally, the measurement module features an integral differential current measurement (type B) for fault current monitoring of the connected equipment. Consumption data is conveniently retrieved via a network interface or locally via a TFT display. Additionally, all the PDU metered interfaces, e.g. for connecting external sensors and smart handle systems, are available.
Benefits	<p>The ideal solution for upgrading existing installations which lack modern measurement functions</p> <p>Includes differential current measurement/fault current monitoring</p> <p>Extensive measuring functions (as for PDU metered)</p> <p>Versions with connection cable and CEE connectors, ready to use immediately</p> <p>Fast upgrade, installation only requires a brief interruption to operation</p> <p>Compact 1 U 482.6 mm (19") enclosure with pre-assembled connection cables</p> <p>High degree of measurement accuracy (typically <math>\pm 1\%</math>)</p> <p>Energy-efficient design, minimal inherent power consumption</p> <p>Acoustic alarm may be set if certain limits are exceeded (such as fault currents)</p> <p>Integral GbE interface with web server for autonomous operation without other components</p>
Material	Extruded aluminium section, anodised

# Features

Colour	RAL 9005
Options	CMC III CAN bus sensors may be connected for ambient monitoring, max. 16 sensors
Power consumption	22 kW
Type of electrical connection	CEE connector/coupling
Rated current (max.)	32 A
Directives	Low Voltage Directive 2014/35/EU EMC Directive 2014/30/EU
Standards	EN 62368-1 EN 61000-4 EN 61000-6 EN 55 022
Dimensions	Width: 450 mm Height: 144 mm Depth: 44 mm
Input cable connection (type/ length)	H05VV-F5G4.0, 2 m
Output cable connection (type/ length)	H05VV-F5G4.0, 1,2 m
Packs of	1 pc(s).
Weight/pack	3.7 kg
Customs tariff number	85369095
EAN	4028177948518
E-Number Sweden	E8439039
ETIM 7.0	EC001576
ECLASS 8.0	27060402

# Approvals

# Approvals

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Approvals

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Explanations

Declaration of conformity