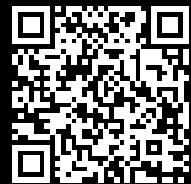


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DK 7979.712

**RCM measurement module – Inline
Meter**

State: 15/02/2026 (Source: rittal.com/uk-en)



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

DK 7979.712 - 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 7979.712
Design	32 A / single-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	<ul style="list-style-type: none">The ideal solution for upgrading existing installations which lack modern measurement functionsIncludes differential current measurement/fault current monitoringExtensive measuring functions (as for PDU metered)Versions with connection cable and CEE connectors, ready to use immediatelyFast upgrade, installation only requires a brief interruption to operationCompact 1 U 482.6 mm (19") enclosure with pre-assembled connection cablesHigh degree of measurement accuracy (typically $\pm 1\%$)Energy-efficient design, minimal inherent power consumptionAcoustic alarm may be set if certain limits are exceeded (such as fault currents)Integral GbE interface with web server for autonomous operation without other components
Material	Extruded aluminium section, anodised

Features

General colour	RAL 9005
Colour	RAL 9005
Options	CMC III CAN bus sensors may be connected for ambient monitoring, max. 16 sensors
Power consumption	7.4 kW
Type of electrical connection	CEE connector/coupling
Phases per infeed	1~
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
Interfaces	Fully redundant Ethernet interface 10/100/1000 Mbit/s (2x RJ45, 1x with PoE) USB 2.0 port (USB-A) for mass configuration, firmware updates & data logging CAN bus interface (RJ 45) for a maximum of 16 ambient sensors Serial interface RS232 (RJ12) for LTE unit, scripting, CLI Use of own certificates/TLS 1.2 E-mail forwarding in case of alarm (SMTP) User administration including rights management LDAP(S)/Radius/Active Directory connection Syslog server connection (max. 2 servers)
Input cable connection (type/length)	H05VV-F3G4.0, 2 m
Output cable connection (type/length)	H05VV-F3G4.0, 1,2 m
Packs of	1 pc(s).
Customs tariff number	85369095

Features

EAN 4028177948495

E-Number Sweden E8439037

ETIM 9 EC002762

ECLASS 8.0 27060402

Approvals

Approvals TÜV

Explanations Declaration of conformity