

SMR COMMUNICATION MODULE FOR SMART ENERGY METERS



- Powered via P1 port
- Replaceable, 4G LTE communication module
- DIN rail mounted construction

GENERAL DESCRIPTION

The COMTECH SMR collects the measurement data provided by the smart energy meters via the P1 port, and forwards them periodically in JSON format to a cloud data base, completed with name and unit. The device doesn't need dedicated power supply, the energy needed for powering is ensured via the P1 port. Fixing the device near to the energy meter is done using DIN rail.

TECHNICAL SPECIFICATIONS

Communication parameters	SMR-2	SMR-5
Modem construction	Pluggable, replaceable	
Antenna	SMA or built-in	
P1 port connector	RJ-12	6-pin, SP13
Supported SIM-cards	4G (LTE) / 2G (GSM)	
Protocol set for forwarding events	TCP/IP, MQTT	
Protocol set for downloading firmware or settings	TCP/IP, HTTPS	
Communication security	TLS, X.509 certificates	
Storing usernames and passwords	AES256 algorithm	
Method for setting up the IP-address (for downloading fw. and settings)	Dedicated DNS	
General parameters		
Powering source	P1 port	
Power consumption [W]	1,2	
Dimensions [mm]	91x88x33	
Degree of protection	IP20	IP54
Operating temperature range [°C]	-20...+60	

Specifications are subject to change without notice!

ORDERING INFORMATION _____

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Antenna type	
I	Internal (built-in)
E	External

P1 port connector construction	
2	IP20
5	IP54

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