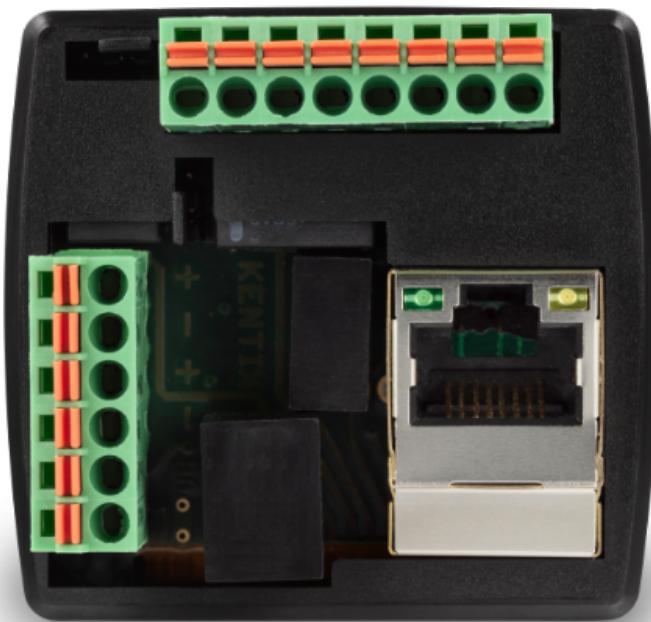# PowerManager – DATASHEET

ORDER-CODES:
KPM-100

Function	Power management of external electricity meters with Modbus-RTU (RS485) or Modbus-TCP (Ethernet)
Integrated software	KentixONE via integrated web server (HTTPS)
Operation	Stand-alone or networked
Quantity counter	32 Modbus RTU counter 100 Modbus TCP counter
Networking	Any number of PowerManager as main satellite
SD card	Integrated Micro SD card holder up to 128 GB
Acoustic signal generator	85dB, 2.3kHz
LED	ALARM (red), RUN (green), LINK/ACT to LAN socket

Button	Reset button
Network (PoE)	10/100 Mbit Ethernet port with PoE
Power supply (PoE)	PoE class 3, power consumption in operation approx. 3W with splitter function max. 15W short term.
Integrated PoE splitter	Voltage output 24VDC/500mA (max. 1A/250ms) for connection of reader and door opener
Connection electric strike/lock	2x relay: 125VAC/60VDC, 1A, change-over contact (NO/NC) switchable, connection cable thickness: 0.205 – 1.31 mm²
Digital inputs	2x Digital inputs, each door configurable as: – Alarm input (door open monitoring) – Pushbutton input for door opening
RFID reader connection	4-wire cable (cable: J-Y(ST)Y, 4x2x0.8), cable length up to 500m
Dimensions	47 x 48 x 33 mm WxHxD
Environmental conditions	Temperature 0 to 60°C, humidity 5-95%, non-condensing
Protection class	IP20
Mounting	– On mounting rail / top-hat rail (35mm) – In switch box 60mm
IP Ports	– 443 TCP (HTTPS) – 5222 TCP (KentixONE-GO) – 161 UDP (SNMP-GET) – 162 UDP (SNMP-TRAP)
Scope of delivery	AccessManager, mounting material, SlimLine cable 3m
Accessories	PoE Injector(KPOE150S)
Exams	CE, FCC