



PRODUCT DATASHEET | KWH1082PRO

0259 PRO380-MB-CT 3×1,5-/6AMP 230/400V MB 4TE

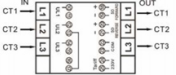




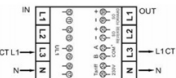
3-Phase
4-Wire



3-Phase
3-Wire



1-Phase
2-Wire





DESCRIPTION

The high-quality kWh meters of the PRO series are a must for applications where high accuracy (Class 1) and perfect stability are required for long periods of time. All meters are MID (Measuring Instruments Directive) certified, which means that third parties may be billed for their energy consumption based on this measuring instrument. With the MID, the EU directive guarantees the quality of this measuring instrument for settlement purposes. Also, the MID directive which has been mandatory for almost 10 years, will be actively enforced by Verispect for the leisure industry (covenant RECRON and Verispect) as of 1-1-2017! The PRO meters are made to a Dutch design and have a transparent housing so that the high-quality components in the meter are visible. Due to the small number of modules (1 phase: 1 module, 3 phase: 4 modules) the meter does not take up more space than strictly necessary. The PRO meters can be programmed and also read out via infrared. More than 40 variables can be displayed on the LCD screen: such as kWh, Cos Phi per phase, Power Factor, forward and reverse energy. Almost every version of the meter can measure 2 rates. In addition, the resettable daily counter and the adjustable pulse output (10,000, 2,000, 1,000, 100, 10, 1, 0.1 and 0.01 kWh/hour) are unique characteristics of this product line. Because the total energy can be calculated in 5 different ways, this meter is extremely suitable for green applications such as solar panels, charging stations or home automation. In addition, the PRO meters are ideal as intermediate meters for campsites and marinas. Also, the PRO meters are suitable for application in more industrial environments. This is especially useful for companies that want to become or are ISO 50001 (2012) certified and therefore want to know accurately the energy consumption per machine.





SPECIFICATIONS

Brand:	Inepro
Product type:	3 phase MID
Type of meter:	Electronic
Nom. current (In) :	1.5 A
Max current (Imax):	6 A
Nominal voltage (Un) N-L :	100 - 173 V
Rated voltage (Un) L-L :	270 - 468 V
Frequency:	45 - 60 Hz
Accuracy class:	B
Pool type:	Four-Leader
Model:	Measured value transducer
Energy type:	Working and blind power
Suitable for:	Purchase/delivery
Rate implementation:	Double rate
Rate control:	Internal
Backstop:	Yes
Calibrated:	Yes
Approval:	Measuring Instruments Directive
Pulse output:	Electric
Pulse type:	S0
Pulse rate:	0.01 - 10 Imp/kWh (kvarh)
Type of indication:	Analog
Mounting method:	DRA (DIN rail adapter)
Width in module units:	4
Implementation of the interface:	M-bus
EDL40 signature:	No
With locking code:	No
Number of positions total (counting):	6
Degree of protection (IP):	IP50



ACCESSORIES

Article	Description
KWHT36600	7018 PRO36-CT5-600c Current transformer 600/5 Amp. max. 24mm Class 0.5
KWHT30200	7102 PRO3010-CT5-200c Current transformer 200/5 Amp. max. 24mm Class 0.5
KWHT24300	7014 PRO24-CT-300c Current transformer 300/5 Amp. max. 24mm Class 0.5
KWHT24200	7012 PRO24-CT-200c Current transformer 200/5 Amp. max. 24mm Class 0.5
KWHT30250	7103 PRO3010-CT5-250c Current transformer 250/5 Amp. max. 24mm Class 0.5
KWHT30150	7101 PRO3010-CT5-150c Current transformer 150/5 Amp. max. 24mm Class 0.5
KWHT24250	7013 PRO24-CT-250c Current transformer 250/5 Amp. max. 24mm Class 0.5
KWHT36400	7017 PRO36-CT5-400c Current transformer 400/5 Amp. max. 24mm Class 0.5
KWHT24150	7019 PRO24-CT-150c Current transformer 150/5 Amp. max. 24mm Class 0.5

DOWNLOADS AVAILABLE FROM WEBSITE

Pro380 datasheet

Manual