

DWH4113

Three-phase meter
for DIN Rail mounting



Data sheet

Three-phase meter DWH4113

Type

4-wire direct connection meter for active consumption

Functional features

DIN rail meter for up to 2 energy directions

Measuring unit parameters

Nominal voltage U_N 3x230/400 V; 230 V (L1)
Reference current value I_{ref} 5 A
Limit current I_{max} 65 A
Actual starting current $<0,004 I_{ref}$
Rated frequency 50 Hz
Accuracy class Class B
Pulse values of the LED 1.000 Imp./kWh

Self-consumption

Voltage path $< 2 \text{ W} / 10 \text{ VA}$ at U_N
Current path $< 4 \text{ VA}$ at I_{ref}

Temperature range

Operation $-30 \text{ }^\circ\text{C}$ to $+70 \text{ }^\circ\text{C}$
Storage and transport $-40 \text{ }^\circ\text{C}$ to $+85 \text{ }^\circ\text{C}$

Display

Execution LCD, 7-digit
Display scope depending on the respective variant, at least active consumption

Energy meters

Tariffless registers 1 per energy direction

Additional values

Total power Instantaneous value +P/-P
Current Instantaneous value I
Voltage Instantaneous value U
Mains frequency Instantaneous value

Data interfaces

electr. interface RS 485, Modbus

Housing

Size 4 TE
Dimensions approx. 86 x 70 x 62 (H x W x D) mm
Protection class II
Protection class IP 20
Material glass fiber reinforced polycarbonate (flame retardant, recyclable)

Weight

approx. 0,3 kg

