

GSH02

DC Meter



Data Sheet

DC Meter GSH02

Type

DIN-Rail DC meter for e-mobility, industrial and more.
Calculation of compensated energy (line loss compensation by line resistance)

Functional Features

- Transaction of energy registers
- OCMF - Open Charge Metering Format
 - Compatible with S.A.F.E. transparency software
 - Digital signature
 - Configurable (duration, info time registers)
- Calibration logbook
- Instantaneous readings

Approvals

CSA certification (UL conform)

Voltage

Range

50 - 1000 V DC

Current

Starting Current (I_{st})
Range

0,52 A
6.5 - 130 (650) A

Accuracy

Class

0.5

Energy Register

Total Mains Energy
Transaction Device Energy

+A / +A/-A
+A / +A/-A

Display

LCD

Dot-Matrix, with configurable backlight / contents

Communication

Connector
Parameter
Protocol (communication with charger station)

RJ12
RS485, 115.200 bps, 8N1 (configurable)
SLIP for Data Link Layer in OCMF format

Power Consumption

Voltage Circuit
Current Circuit
Auxiliary Power Supply

< 0.5 W at U_N
< 0.04 W/A x I_{max}
< 1 W

Temperature Range

Typical Operation
Storage

-40 °C to +80 °C
-40 °C to +85 °C

Environmental Conditions

Mechanical Environmental Conditions
Electromagnetic Environmental Conditions

M1
E2

Housing

Dimensions
Material
Mounting

115.6 x 107.2 x 66.75 mm (LxWxH), 6 SU/TE
Fiber-glass reinforced Polycarbonate
DIN-Rail

Weight

550 g

Accessories

External Display

For data display independent of the meter position
DZG display or compatible other brands

