



STM-SH

STM-SH, Slave module for measuring up to 16 current channels with Hall effect transformers,

Code: E82SH0. **DESCATALOGADO**

Specifications

DC power supply

Installation category	CAT III 1000 V
Consumption	26 W
Nominal voltage	24 V \pm 10%

Mechanical characteristics

Size (mm) width x height x depth	80 x 127.8 x 72.35 (mm)
Envelope	Self-extinguishing V0 plastic
Fastening	DIN rail
Weight (kg)	0,15

Environmental characteristics

Protection class	IP 00
Relative humidity (without condensation)	95%
Installation, location, position.	2000 m
Storage temperature	20...80 °C
Operating temperature	-20...70 °C

Current measurement circuit

Start-up current (Ist)	2 A
Installation category	CAT II 1000 V
Impedance	300 k Ω
Phase current measuring range	25 A channel, 2 ... 25 Adc 50 A channel, 2 ... 50 Adc 200 A channel, 2 ...100 Adc

Voltage measurement circuit

Voltage measuring range	10...1500 Vdc
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Standards

Electrical safety, Installation category	Protection against electric shock: Double class II insulation
Standards	EN 61000-6-2, EN 61000-6-4, EN 61010-1, EN 61010-2-30

User interface

LED	2
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Digital inputs

Quantity	4
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STM-HALL

Control module for PV measurement using Hall effect sensor

CODE	TYPE	Description
Control module		
E82CH1.	STM-CH-485	RS-485 control module for measuring currents using Hall effect transformers
E82CH20010000	STM-CH-LoRa-F868	LoRa control module with Hall effect transformers for measuring current, 868 MHz frequency
E82CH20020000	STM-CH-LoRa-F915	LoRa control module with Hall effect transformers for measuring current, 915 MHz frequency
Current measurement module		
E82SH0.	STM-SH	Slave module for measuring up to 16 current channels with Hall effect transformers
E823H0.	M/STM-25x2	STM-H 25A tray with 2 transformers
E824H0.	M/STM-50x2	STM-H 50A tray with 2 transformers
E821H0.	M/STM-25x4	STM-H 25A tray with 4 transformers
E822H0.	M/STM-50x4	STM-H 50A tray with 4 transformers

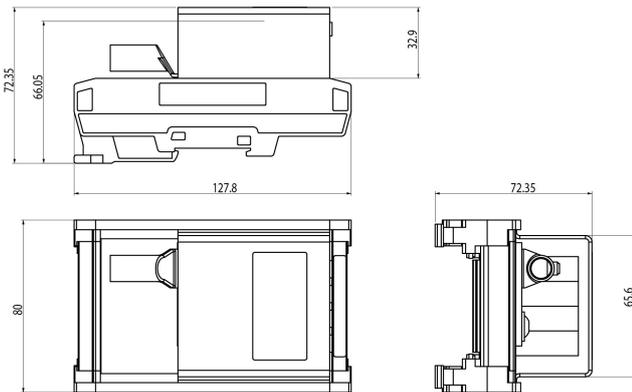
The minimum configuration of the STM solution is made up of an STM-CH module and an STM-SH module



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Dimensions



Connections

