

SCQ25T

QUADRO DIGITAL SHUNT AND TANK MODULE

TECHNICAL SPECIFICATIONS SCQ25T

Operating	SCQ25T
Power source voltage range	6 - 35 V
Temperature range	-20 – +70 °C
Power consumption at 12 V	
Operating	2,5 mA
Current measuring channels	4
Current measuring range	
Per channel	0,01 - 25 A
Accuracy	± 0,6 %
Resolution	0,01 A
Sampling rate	100 ms
Maximal current	SCQ25T
Continuous	25 A
Peak current (<1 min)	35 A
Peak current (<5 sec)	50 A
Voltage drop at 25 A	35 mV
Maximum voltage on connections	35 V
Resistance inputs	SCQ25T
Range	0 Ohm - 65 kOhm
Accuracy	± 3 %
Relay (monostable)	SCQ25T
Maximum operating current	1 A
Maximum Common Input Voltage (COM)	6 - 30 V
Connectivity	Up to
Current sensors	4
Voltage sensors (voltage drop/tank level)	3
Resistive inputs (tank level/temperature)	4
Relay Common Input	1
Relay Output Normaly Open (NO)	1
Relay Output Normaly Closed (NC)	1
SiCOM RJ9 Sockets	2
Installation and Dimension	
Dimensions (length x width x depth)	182 x 80 x 32 mm
Weight	230 g

3x Tank level sensors with analog voltage output

- or battery voltage,
- or custom user sensors (with voltage output).

4x Tank level sensor with resistance output

- or temperature sensors (1k NTC, 5k NTC, 10k NTC).

2x SiCOM data connection port.

- Allows additional connections (Daisy chain).

Monitor up to 4 **devices up to 25A current** individually (consumers or generators)

- The **SCQ25T** is SIMARINE's most versatile module, combining all unique current monitoring features of the **SCQ25** with the tank and temperature monitoring of the **ST107**

SCQ25T allows monitoring up to:

- 7 tank levels,
- 3 battery voltages,
- 4 temperatures.

Programmable Alarm Signal Relay

- Trigger on:
 - State of charge,
 - (Battery) Time to go,
 - Tank level,
- Voltage input measurement,
- Current input measurement,
- Barometric trend,
- Temperature.

