TECHNICAL SPECIFICATIONS SCQ25T

| Operating | SCQ25T |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Power source voltage range | 6 - 35 V |
| Temparature 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 |
| Bestern as tourse | CCOST |
| Resistance inputs | SCQ25T 0 Ohm - 65 kOhm |
| Range | |
| Accuracy | ± 3 % |
| Relay (monostable) | SCQ25T |
| Maximum operating current Maximum Common Input Voltage (COM) | 1 A |
| Maximum Common Innuit Voltage (COM) | C 201/ |
| , <u> </u> | 6 - 30 V |
| Connectivity | Up to |
| Connectivity Current sensors | Up to |
| Connectivity Current sensors Voltage sensors (voltage drop/tank level) | Up to 4 3 |
| Connectivity Current sensors Voltage sensors (voltage drop/tank level) Resistive inputs (tank level/temperature) | Up to 4 3 4 |
| Connectivity Current sensors Voltage sensors (voltage drop/tank level) | Up to 4 3 |
| Connectivity Current sensors Voltage sensors (voltage drop/tank level) Resistive inputs (tank level/temperature) | Up to 4 3 4 |
| Connectivity Current sensors Voltage sensors (voltage drop/tank level) Resistive inputs (tank level/temperature) Relay Common Input | Up to 4 3 4 1 |
| Connectivity Current sensors Voltage sensors (voltage drop/tank level) Resistive inputs (tank level/temperature) Relay Common Input Relay Output Normaly Open (NO) | Up to 4 3 4 1 |
| Connectivity Current sensors Voltage sensors (voltage drop/tank level) Resistive inputs (tank level/temperature) Relay Common Input Relay Output Normaly Open (NO) Relay Output Normaly Closed (NC) | Up to 4 3 4 1 1 1 |
| Connectivity Current sensors Voltage sensors (voltage drop/tank level) Resistive inputs (tank level/temperature) Relay Common Input Relay Output Normaly Open (NO) Relay Output Normaly Closed (NC) SiCOM RJ9 Sockets | Up to 4 3 4 1 1 1 |
| Connectivity Current sensors Voltage sensors (voltage drop/tank level) Resistive inputs (tank level/temperature) Relay Common Input Relay Output Normaly Open (NO) Relay Output Normaly Closed (NC) SiCOM RJ9 Sockets Installation and Dimension | Up to 4 3 4 1 1 2 |

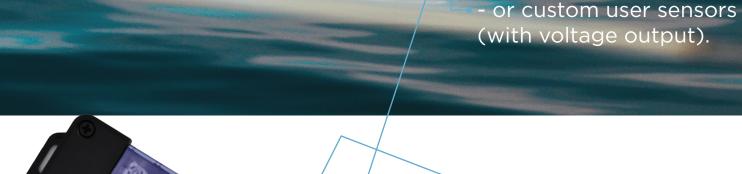
SCQ25T

QUADRO DIGITAL SHUNT AND TANK MODULE

- 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.



4x Tank level sensor with resistance output

3x Tank level sensors

with analog voltage output

- or battery voltage,

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

Programmable Alarm Signal Relay

- → Trigger on:
- State of charge,
- (Battery) Time to go,
- Tank level,

Voltage input measurement, Current input measurement, Barometric trend, Temperature. **2x SiCOM** data connection port.

Allows additional connections (Daisy chain).