Quick Start Guide

Fronius Smart Meter TS 65A-3

manuals.fronius.com/
html/4204260349

FIND MORE INFORMATION



42,0410,2496 008-23032023

Technical Data - General	
Nominal voltage (three-phase) / Operating range	208 - 400 V / 166,4 - 480 V
Nominal frequency / Tolerance	50 - 60 Hz / 45 - 65 Hz
Nominal / Maximum current	5 A / 65 A
Powerfactor range (EN/IEC 62053-21, EN/IEC 62053-23)	aktiv cosφ 0.5 ind to 0.8 cap reaktiv senφ 0.5 ind to 0.5 cap
Permitted ambient temperature	from -25° to +65°C
Mounting	DIN rail 35 mm
IP range (EN60529)	IP51 / IP20 (Front / Connections)

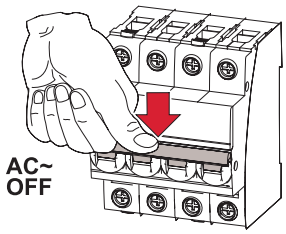
Communication	
Standard	RS485 - 3 conductors
Protocol	Modbus RTU
Min. Softwareversion	Datamanager 2.0: 3.16.1 / Fronius Symo Hybrid: 1.16.1 / Fronius GEN24: 1.12.1

Screw terminal	
Measuring input / neutral line	1 - 16 mm²
Output (data communication)	min. 0,05 mm²
Recommended torque	Measuring input: max. 2,8 Nm Output: max. 0,4 Nm

Detailed, country-specific warranty terms are available on: www.fronius.com/solar/warranty

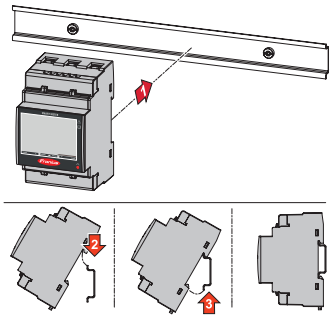
AC~

1



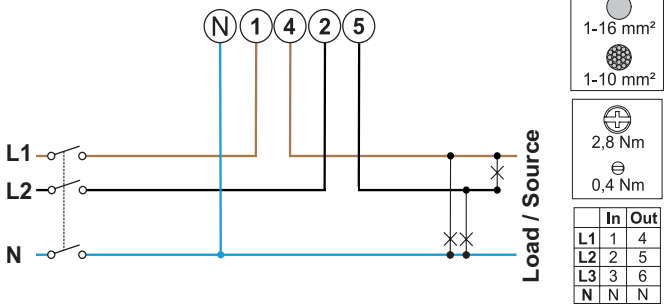
Mounting

2



Power Wiring

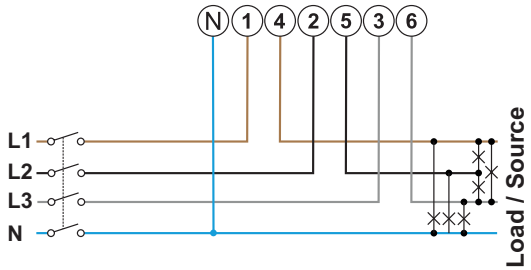
3a



	In	Out
L1	1	4
L2	2	5
L3	3	6
N	N	N

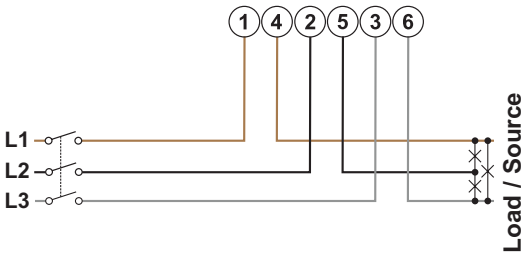
2 Phases, 3 Wires

3b



3 Phases, 4 Wires

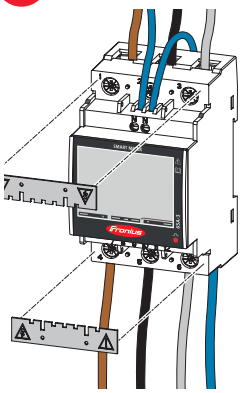
3c



3 Phases, 3 Wires

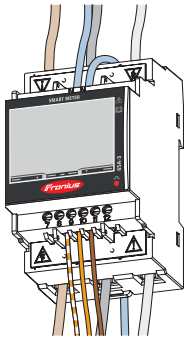
Protective Covers

4



Data Wiring

5



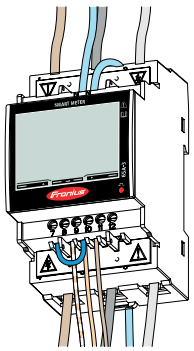
CU Wire (min CAT5)
≥0,05 mm²
0,4 Nm

SnapInverter	Smart Meter	Modbus
	8	D+
	9	D-
	10	-

GEN24	Smart Meter	Modbus
	8	M0+
	9	M0-
	10	GND

Terminating Resistor

6

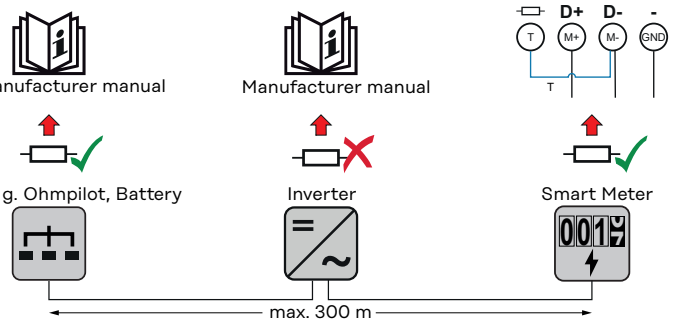


CU Wire
≥0,05 mm²
0,4 Nm

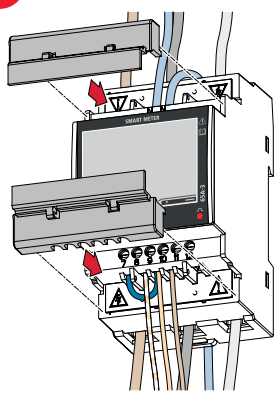
Bypass (cable)	T	M-
	7	9

Close & Commissioning

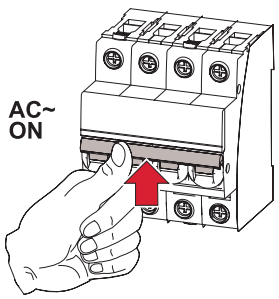
7



8



9



10

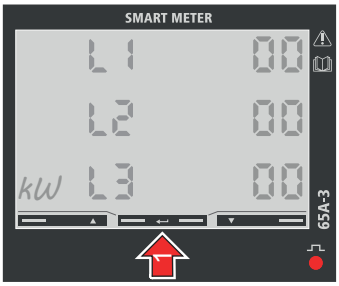


1 x page up / value up

2 sec. adjust / confirm

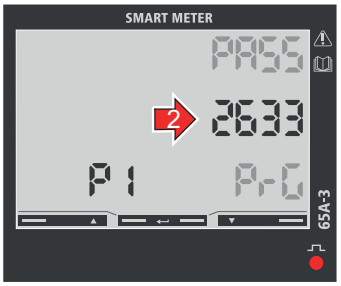
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11



12

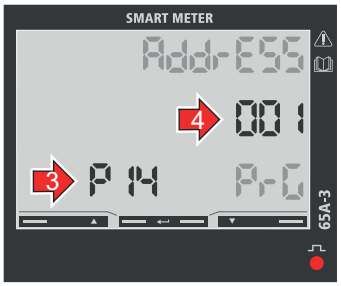
Password



Factory default: **2633**

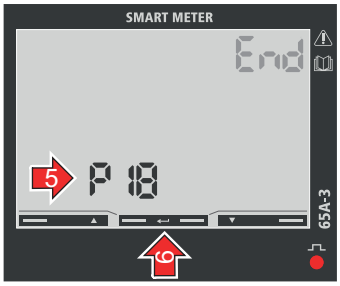
13

Modbus Address



Factory default: **001**

14



Exit

15

