

KOSTAL Energy Meter

Power meter - Series C



Smart connections.

Data sheet

Technical data KOSTAL Energy Meter - Series C

| | | KOSTAL Energy Meter - Series C ¹ |
|--|--|---|
| System data | Compatible inverter (only one inverter) | PIKO IQ / PLENTICORE plus / PLENTICORE BI |
| | Compatible with wallbox ENECTOR | V |
| | Rated voltage | V |
| | Operating voltage | V |
| | Frequency range | Hz |
| | Power consumption | |
| | Current inputs - base current (I _b) | A |
| | Current inputs - minimum current (I _{min}) | A |
| | Current inputs - maximum current (I _{max}) | A |
| | Current inputs - starting current (I _{st}) | mA |
| | Current inputs - Overload For 10 ms | |
| | Current inputs - input impedance | VA |
| | Current inputs - Peak factor Peak factor | |
| | Digital output | |
| | Digital input | |
| | Overvoltage category | |
| Pollution degree | | |
| Directives/Standards | | |
| Measurement accuracy ² | Current | From 2 A to 65 A: ± 0,5% rdg / From 0,5 A bis 2 A: ± 1% rdg |
| | Phase to phase voltage | From U _n min. -20% to U _n max. +15% : ± 0,5% rdg |
| | Phase to neutral voltage | From U _n min. -20% to U _n max. +15%: ± 0,5% rdg |
| | Active and apparent power | From 1-65 A (PF=0,5L - 1 - 0,8C): ± 1% rdg From 0,5-1 A (PF=1) ± 1,5% rdg |
| | Reactive power | Von 1-2 A (sinΦ=0,5L - 0,5C) and from 0,5-1 A (sinΦ=1): ± 2% rdg Von 2-65 A (sinΦ=0,5L- 0,5C) and from 1-65 A (PF=1): ± 2,5% rdg |
| | Active energy / reactive energy | Class 1 (EN62053-21) / Class 2 (EN62053-23) |
| | Frequency | From 45 to 65 Hz: ± 0,1% rdg |
| Mechanical data | Enclosure material | Housing: PBT Transparent cover: polycarbonate |
| | Mounting | DIN rail (3-TE module) |
| | Protection class - front / terminals | IP40 / IP20 |
| | Weight | g |
| | Dimensions (H/W/D) | mm |
| | Connections | mm ² |
| Conditions | Torque | Nm |
| | Operating temperature | °C |
| | Storage temperature | °C |
| | Relative humidity (non-condensing) | % |
| Max. Altitude during operation above sea level | m | |

¹ 2-year warranty. This does not affect your statutory warranty.