

48503006

## Active-energy meter COUNTIS E31 Direct 100A dual tariff



### Strong points

- RS485 (MODBUS or M-BUS) communication or pulse outputs
- Detection of connection errors
- B+D module MID-certified
- Bi-directional metering (available only on the E33 and E35)
- Multi-measurement and load curve

### General characteristics

- Measurement accuracy: 1%
- Backlit LCD.
- Detects connection errors.

### Compliance with standards

- IEC 62053-21 class 1
- IEC 62053-31
- IEC 62053-11
- EN 50470-1
- EN 50470-3

### Access to resources (ex: manuals)

The COUNTIS E3x is a modular energy meter displaying the energy and power consumed (kWh and kW) directly on its backlit LCD display. It is designed for three-phase load metering and is used for direct connections of up to 100 A. COUNTIS E32, E34 and E36 are also MID-certified.

### Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

### Commerce

Effective date	2008-12-09
Country of origin	FR

### ETIM - Electrical characteristics

Nominal current (In) [A]	100
Max. current (Imax) [A]	3000
Nominal voltage (Un) N-L [V]	184..276
Nominal voltage (Un) L-L [V]	320..480
Frequency [Hz]	50..50
Accuracy class	B
Pole type	Three conductor/four conductor
Energy type	Effective power
Suitable for	Purchase
Tariff type	One-tariff
Tariff control	External
Measurement type load profile	No
Calibrated	Yes
Pulse output	Electrical
Pulse rate [Imp/kWh (kvarh)]	10..10

### ETIM - Mechanical characteristics

Escapement mechanism	No
Mounting method	DRA (DIN-rail adapter)
Width in number of modular spacings	7
With lock code	Yes
Degree of protection (IP)	IP20

### ETIM - Technical features

Type of meter	Electronic
Model	Direct measurement
Approval	Measuring Instruments Directive
Type of indication	Digital
EEC40 signature	No

### Logistics

GTIN/EAN	3596031946907
Customs number	9028301900
Price unit	PC
Weight of the packing unit	0.68
Length of the packing unit	0.175
Width of the packing unit	0.205
Depth of the packing unit	0.12

<b>Norms</b>	
Conformity to standards	IEC
<b>Technical Characteristics</b>	
Application	Metering
Model	E31
Type	3PH up to 100A, double-tariff