

## 3-phase multi-tariff energy meter with RS-485, 80A. 4,5 modules, DIN TH-35mm

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**ORNO**


### PRODUCT DESCRIPTION

Device for making indications in kWh with the possibility of remote reading registers of indicators, via a wired network of RS-485 standard. A special electronic circuit, by the flow of current and applied voltage generates pulses in proportion to the energy consumed. Phase energy consumption is signaled by a flashing LED. The number of pulses is converted into energy input and its value is indicated on the LCD display (6 + 2). 4 independent tariffs (user can set different times via RS485 port). MID Certificate 0120/SGS0278.

## TECHNICAL DATA

### General information:

|                                               |                 |
|-----------------------------------------------|-----------------|
| Backlight:                                    | No              |
| Type:                                         | 3-phase         |
| Base current (I <sub>b</sub> ):               | 5 A             |
| Maximum current (I <sub>max</sub> ):          | 80 A            |
| Degree of protection (IP):                    | 51              |
| Min. current:                                 | 0.25 A          |
| Pulse frequency:                              | 1000 imp/kWh    |
| Class of measurement accuracy:                | B               |
| Pulse output:                                 | Yes             |
| Multi-tariff:                                 | Yes             |
| Dimensions - depth:                           | 66 mm           |
| Number of modules:                            | 4.5             |
| Dimensions - width:                           | 76 mm           |
| Number of digits on a display:                | 6 + 2           |
| Dimensions - height:                          | 100 mm          |
| Other features:                               | IR optical port |
| Compliance with mid certificate (2014/32/eu): | Yes             |
| Communication protocol:                       | Modbus          |
| Ports:                                        | RS485           |



