# CIRCUTOR

# FP KIT GW LoRa-ETH F868

KIT GW LoRa-ETH-F868, Gateway LoRa-Ethernet communications kit 868 MHz, structure + base + anchors for mounting included,

Code: E83G020021100    DESCATALOGADO

## Specifications

### DC power supply

| | |
|---|---|
| Installation category | CAT II 1500 V |
| Consumption | 3.6 W |
| Nominal voltage | 24 V ±10% |

### Environmental characteristics

| | |
|---|---|
| Protection class | IP 00 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Installation, location, position. | 3000 m |
| Storage temperature | -25...+80 °C |
| Working temperature | -25...+70 °C |

### Mechanical characteristics

| | |
|---|---|
| Envelope | Self-extinguishing V0 plastic |
| Fastening | DIN rail |
| Weight (kg) | 6,7 |

### Current measurement circuit

| | |
|---|---|
| Installation category | CAT II 1500 V |
| Impedance | 0.5 mΩ |
| Minimum current measurement | 0.1 A |

### Voltage measurement circuit

| | |
|---|---|
| Installation category | CAT II 1500 V |
| Input impedance | 2400 kΩ |
| Voltage measuring range | -25 ... -1500 Vdc |
| Maximum input voltage consumption | 0,625 mA |
| Minimum measurement voltage (Vstart) | -25 V |

### Input

| | |
|---|---|
| Accuracy | ± 3°C |
| Range | -30 ... 100°C |
| Resolution | ±0,1 mA |
| Type | Pt100/1000 |

### Standards

| | |
|---|---|
| Electrical safety, Maximum height (m) | 3000 |
| Electrical safety, Installation category | Protection against electric shock: Double class II insulation |

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| Standards | EN 61000-6-2, EN 61000-6-4, EN 61010-1, EN 61010-2-30 |
|---|---|

### User interface

| LED | 4 |
|---|---|

### Digital inputs

| Input/output insulation | Optoisolated |
|---|---|
| Quantity | 3 |
| Type | Potential free contact |
| Maximum short-circuit current | 3.2 mA |
| Maximum open circuit voltage | 24 V |

The minimum configuration of the STM solution is made up of an STM-C module and an STM-S module