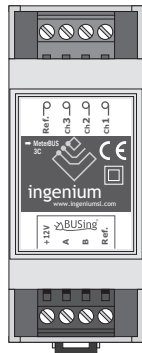# ➡ MeterBUS-3C-50A

Device for electricity metering - 3 channels

To meter and control the power consumption of 3 physical channels and 1 virtual.

· *Consumption meter up to 3 single phase circuits*

· *2 scenes and consumption threshold for each channel programmable*

· *DIN rail mounting (2 modules)*

Description

4-channel consumption meter (3 physical channels and 1 virtual channel).

Device measurements can be displayed in different Ingenium interfaces, as well as the FERMAX video intercoms and Ingenium official Apps for iOS and Android.

The MeterBUS-3C-50A has a maximum measuring capacity of 50A per channel. Each channel in use requires a split core current transformer (reference: MET-50A, page 140). This accessory is served separately.

Installation details

· *In the upper terminals may be connected one current transformers ring.*

· *Rings polarity must be respected, connecting the same side of all rings to the reference terminal. The other ring free cable must be connected to the entry of the channel you want to link. Keeping this order is essential to the proper functioning.*

· *Upper termianls have the following order from left to right:*

  1st - Reference
  2nd - Channel 3
  3rd - Channel 2
  4th - Channel 1

· *Virtual channel requires a pulse counter connected to a Ingenium MECing input.*

Technical Characteristics

Device Reference	Voltage Supply	Current Consumption	Measurement Channels
MeterBUS-3C	9–16V DC (BUS)	40mA (BUS)	3 physical + 1 virtual

➡ MeterBUS-3C

Installation

Neutral — Phase
3 2 1
Ref. Ch3 Ch2 Ch1
Neutral — Phase
BUS

Consumes →
+12V
A
B
Ref.

Cable BUSing®
Connection for screw terminal.