Manuals+ — User Manuals Simplified.

SATEC EM235-PM335 Voltage Ratio Module User Manual

VRM Module Quick Start Manual

SATEC Voltage Ratio Module
For Direct Current Applications

Contents

EM235-PM335 Voltage Ratio Module

⚠️ Mounting, electrical connection and settings of the VRM Module shall be made in accordance with all applicable laws and/or regulations and be performed by authorized personnel only.

SATEC VRM Module is designed for connecting SATEC meters to DC voltage systems above meter rating (800V DC for PM130 PLUS and 800V DC for PRO EM235/PM335) ranging up to 1500V DC.

Dimensions: 127 x 75 x 52 mm
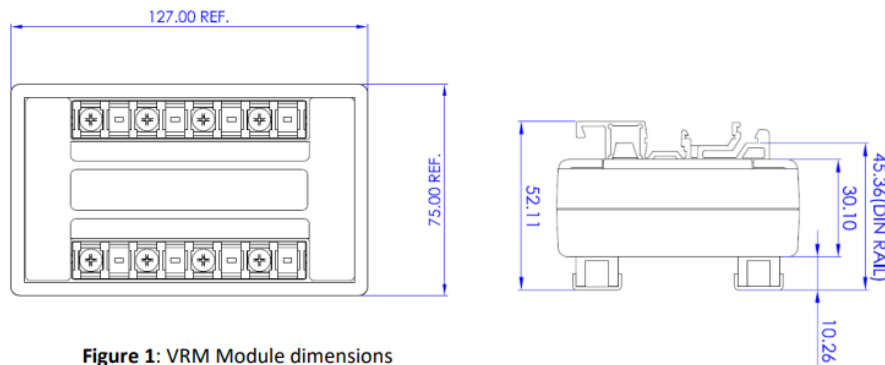Weight: 80 grams
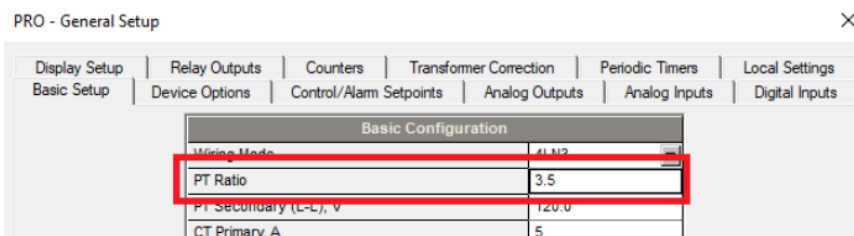Installation: DIN-Rail only

Figure 1: VRM Module dimensions

Figure 2: VRM Module

VOLTAGE RATIO MODULE CHARACTERISTICS

- Accuracy = 0.1%
- 3 Independent voltage inputs
- Terminals: Wire size: 12 AWG (up to 3.5 mm2)
- DIN-rail installation

ELECTRICAL INSTALLATION

It is recommended that the distance between the SATEC VRM and SATEC meter should not exceed 2 meters, using cabling featuring minimum 600V insulation.

When using SATEC VRM, the correct ratio coefficient must be set with PAS software software ("Basic Setup" tab):

- Using the PRO Series meters, enter "ratio" = 3.5
- Using the PM130 PLUS, enter "ratio" = 11 Ratio coefficient = 11

SATEC
Powerful Solutions

VRM Module QuickStart
www.satec-global.com

Documents / Resources

SATEC *Powerful Solutions* VRM Module Quick Start Manual SATEC Voltage Ratio Module For Direct Current Applications	**SATEC EM235-PM335 Voltage Ratio Module** [pdf] User Manual EM235-PM335 Voltage Ratio Module, EM235-PM335, Voltage Ratio Module, Ratio Module, Module

References

- **Power Solutions And Commercial Energy Management- SATEC**
- **User Manual**