GE VERNOVA

Multilin™ EPM 4600
in Panel Mount ENP001

Quick Start Guide

Software Revision: 1.0x

Manual P/N: 1601- 0383-A1

Manual Order Code: GEK-131082

WORLDWIDE **10 YEAR** WARRANTY

c UL us LISTED

REGISTERED ISO 9001

Product Ratings

Power Supply

Range: Universal, (90-300) V AC @50/60 Hz or 150 V DC

Power Consumption: 18 VA, 12 W, Maximum

Voltage Inputs (Measurement Category III)

Range: Universal, Auto-ranging up to 576 V AC L-N, 721 V AC L-

L Input Impedance: 4.2M Ohm/Phase

Burden: 0.09 VA/Phase Max at 600 V; 0.014 VA at 120 V

Current Inputs

Class 10: 5 A Nominal, 10 A Maximum

Class 2: 1 A Nominal, 2 A Maximum

Burden: 0.005 VA per Input Max at 11 A

Continuous Current Withstand: 20 A

Maximum Voltage across Current Inputs: 1 V AC

Maximum Voltage from Current Inputs to Ground: 50 V

AC

Fuses

(2) Time-Delay, 10mm x 38mm, 500V, 3A, Fuse

Interrupting Rating: 100,000A RMS Sym. (UL)

UL Listed, STD. 248-14, (Guide #JDYX, File #E19180)

CSA Certified: C22.2 NO. 248.14

(File #53787 Class #1422-01)

(3) Fast-Acting, 10mm x 38mm, 600V, 100mA, Fuse

Interrupting Rating: 100,000A RMS Sym. (UL)

UL Listed, STD. 248-14, (Guide #JDYX, File #E19180)

CSA Certified: C22.2 NO. 248.14

(File #53787 Class #1422-01)

EPM 4600 in Panel Mount (ENP001) Dimensions

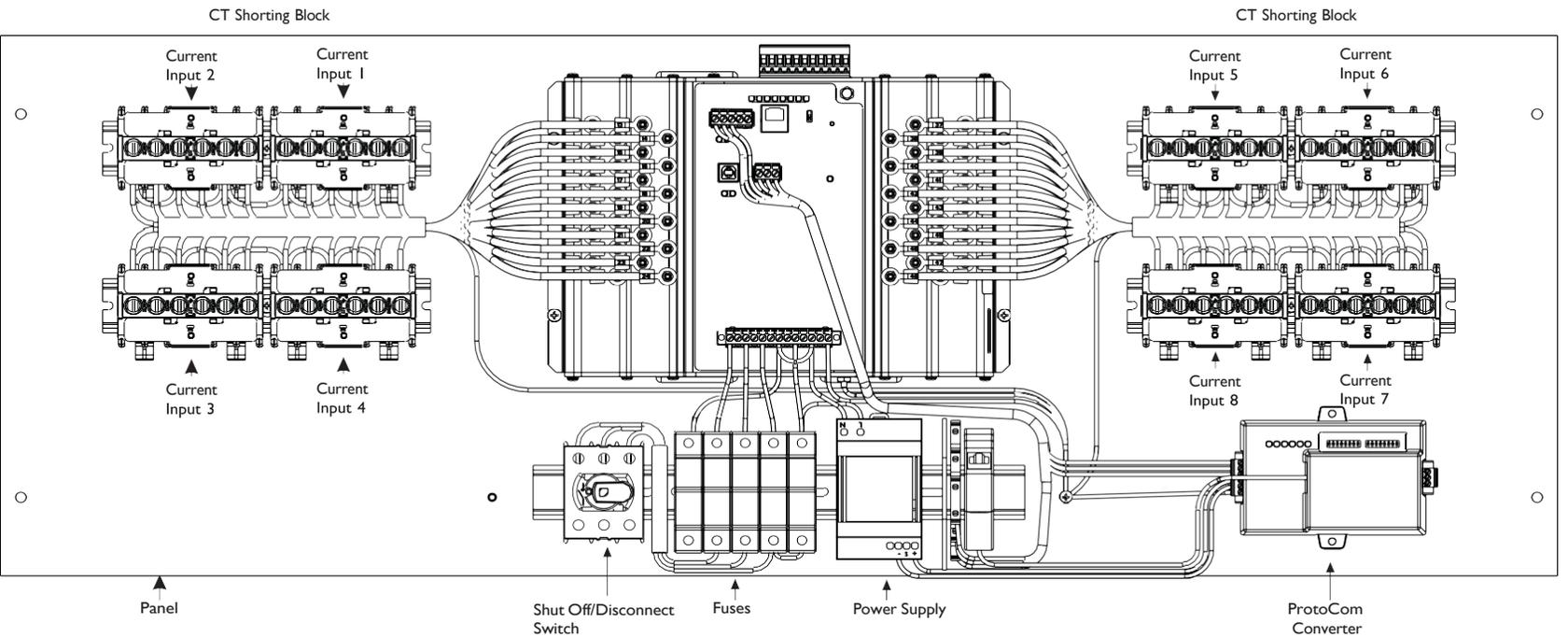38" x 13.75" x 4.5"/96.52 cm x 34.93 cm x 11.43 cm

Weight: 40 pounds/18.14 kg

Shipping Box Dimensions:

48" x 24" x 5"/121.92 cm x 60.96 cm x 12.70 cm
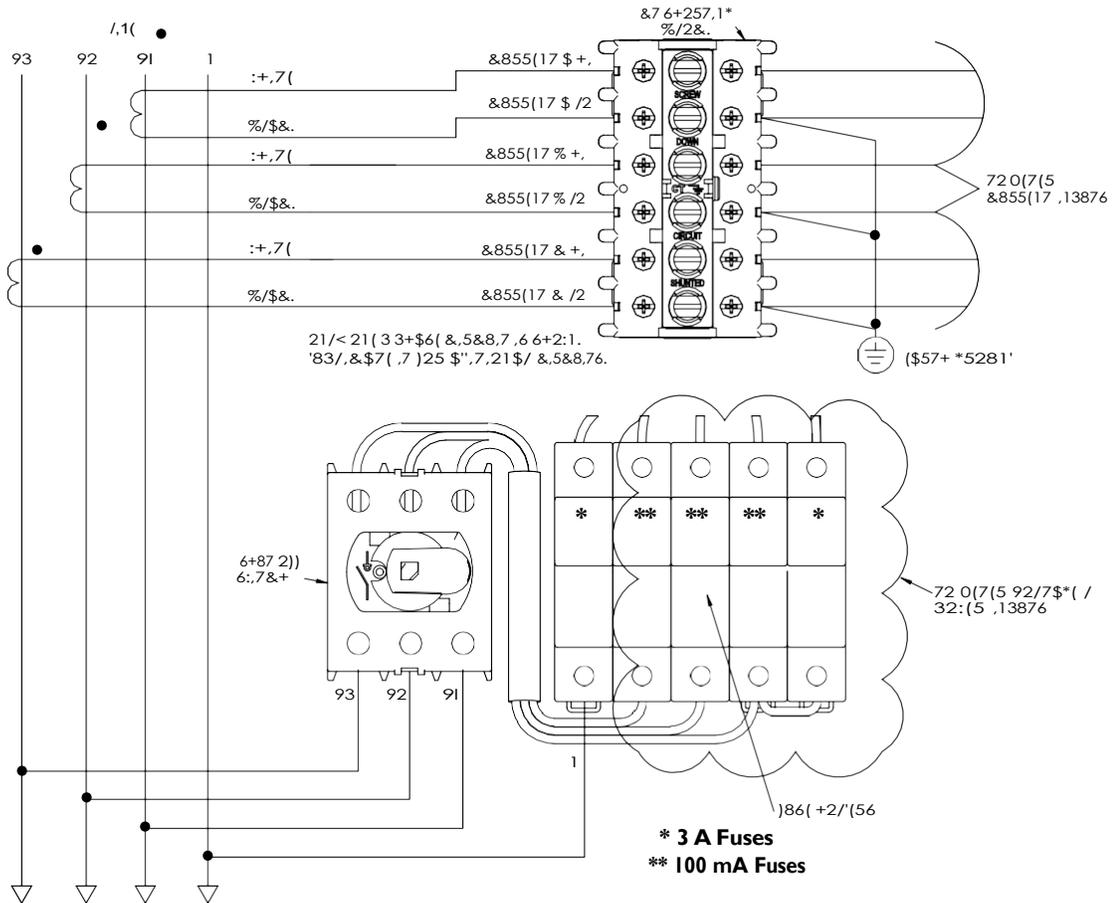
Weight

42 pounds/19.05 kg

Layout Diagram

CT Shorting Block

CT Shorting Block

Current Input 2

Current Input 1

Current Input 5

Current Input 6

Current Input 3

Current Input 4

Current Input 8

Current Input 7

Panel

Shut Off/Disconnect Switch

Fuses

Power Supply

ProtoCom Converter

Installation

Shall be installed as specified in the EPM 4600 Instruction Manual (on the enclosed CD) and in compliance with the local codes/regulations, and other locally specified requirements.

Wiring Diagram

* 3 A Fuses
** 100 mA Fuses

For further assistance

For product support, contact the information and call center as follows:

GE Vernova Grid Solutions	Worldwide telephone: +1 905 927 7070
650 Markland Street	Europe/Middle East/Africa telephone: +34 94 485 88 54
Markham, Ontario	North America toll-free: 1 800 547 8629
Canada L6C 0M1	Fax: +1 905 927 5098

Worldwide e-mail: multilin.tech@gevernova.com

Europe e-mail: multilin.tech.euro@gevernova.com

Website: https://www.gevernova.com/grid-solutions/automation/protection-control-metering