

Insulation Displacement

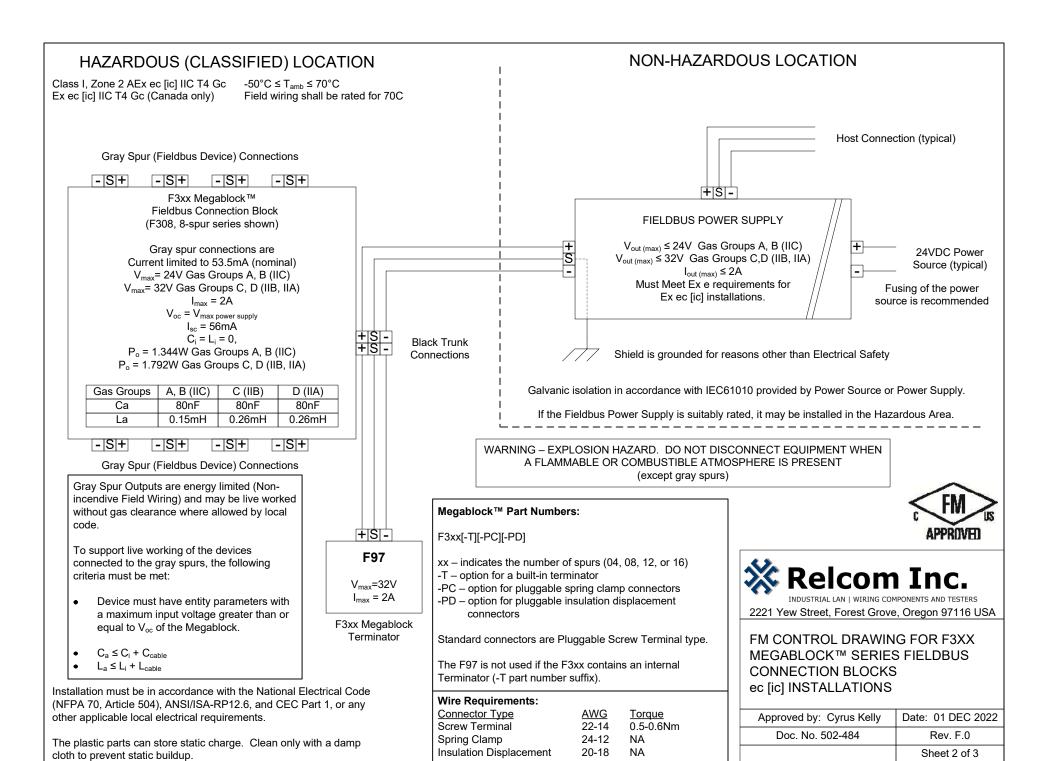
cloth to prevent static buildup.

20-18

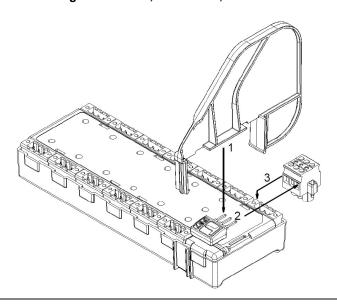
NA

Rev F 0

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#### Installing the Partition, Terminator, and Connector



#### Partition Installation

The Partition must be installed for Ex nA [ic] applications. Orient the partition as shown above and press down as indicated by the arrow. The 'fingers' will slide in the two channels on each side of the F3xx until they latch in place at the bottom of the case. The channels are sized differently so the Partition cannot be installed backwards.

#### **Terminator Installation**

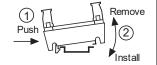
If needed the F97 Terminator is installed in the Black Dual Pluggable connector as shown above. Insert it into the connector and tighten the screws.

#### Connector Installation

The connectors are installed as shown in the diagram above. Fully insert them into the mating connector on the F3xx. Secure the two retaining screws to prevent the connector from unexpectedly dislodging.

## **DIN Rail Mounting**

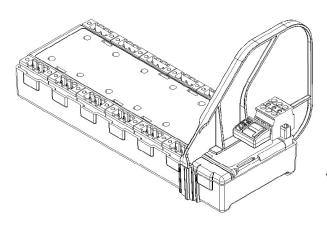
F3xx Megablocks are designed to be mounted on 35 mm DIN rail using the clip mechanism on the back of each unit. Mounting can be vertical or horizontal. Use of DIN rail end stops is recommended.



## **Repair and Maintenance**

No regular maintenance is required for these products. There are also no user serviceable parts in this product. Contact the distributor or factory for any product issues.

### Partition, Terminator, and Connector Installed





## **Specific Conditions of Use**

- The apparatus is to be installed within an enclosure which meets a minimum ingress protection level of IP54 in accordance with ANSI/ISA/CSA C22.2 No. 60079-0 and CSA C22.2 No. 60079-15 as applicable.
- The apparatus shall be installed in an enclosure meeting the requirements of ANSI/ISA 61010-1 (82.02.01) and CSA Standard C22.2 No 61010-1.
- The apparatus shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.
- For Level of Protection 'nA' provisions shall be made externally to the F304, F308, F312 and F316 Megablocks to prevent the rated input from exceeding by transient disturbances of more than 140% of the rated voltage.
- For Level of Protection 'nA' the apparatus shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.

# **Certification Markings F3xx**



NI Class I Div 2 ABCD T4 NI Class I Zone 2 IIC T4 (US only)
Class I, Zone 2 AEX ec [ic] IIC T4 (CS only)
Class I, Zone 2 AEX ec [ic] IIC T4 Gc
Ex nA [n.l.] IIC T4 Gc (Canada only)
Ex ec [ic] IIC T4 Gc (Canada only) FM17US0075X Install per document 502-484

Relcom Inc. Forest Grove, OR USA

## Certification Markings - F3xx-V2



NI Class I Div 2 ABCD T4 NI Class I Zone 2 IIC T4 (US only) Class I, Zone 2 AEx ec IIC T4 Gc FM17CA0041X Ex ec IIC 14 Gc (Canada only)
FM17CA0041X Ex ec IIC 14 Gc (Canada only)
FM17US0075X Install per document 502-484
Relcom Inc. Forest Grove, OR USA

# 🕏 Relcom Inc.

2221 Yew Street, Forest Grove, Oregon 97116 USA

F3XX MEGABLOCK™ SERIES

INSTALLATION INSTRUCTIONS

Approved by: Cyrus Kelly	Date: 01 DEC 2022
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