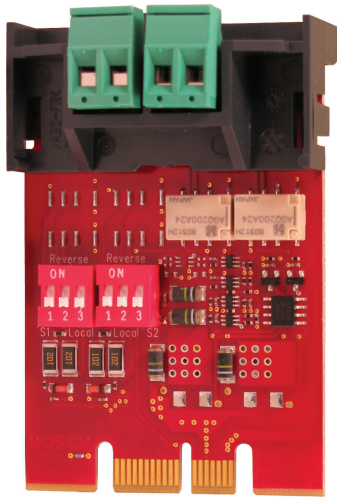


# FPE-1000-CITY City Tie Plug-in Module

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Invented for life



- ▶ Provides two supervised City Tie Local Energy circuits or Reverse Polarity circuits
- ▶ Connects to a Master Box (Local Energy Mode) or Central Station (Reverse Polarity Mode)

The FPE-1000-CITY City Tie Plug-in Module provides the system with two supervised City Tie Local Energy circuits or Reverse Polarity circuits. The FPE-1000-CITY mounts on the FPA-1000 main board.

## Functions

### Local Energy Mode

The City Tie Plug-in Module connects Local Energy signaling devices to the FPA-1000 fire panel for auxiliary service operation.

### Reverse Polarity Mode

The City Tie Plug-in Module connects the FPA-1000 Analog Addressable Fire Panel to either a single set or a pair of dual leased telephone company (telco) lines in NFPA 72 Remote Station applications. The FPE-1000-CITY module relays system alarm status information from the control panel to a monitoring station.

In normal conditions, the module sends a steady current to a monitoring station. In an alarm condition, it reverses the polarity of the output current. The module signals a trouble condition by interrupting the output voltage and current.

## Certifications and approvals

Region	Certification	
USA	UL	FSZI: Emergency Alarm System Control Units (ANSI/UL 2017) and UOJZ: Control Units, System (ANSI/UL 864)
	CSFM	see our website
	FDNY-CoA	#6101

## Parts included

Quant.	Component
1	FPE-1000-CITY module
1	Literature – Installation Guide

## Technical specifications

### Electrical

Circuit Resistance:	65 Ω
Wire Gauge:	12 AWG to 18 AWG (3.3 mm <sup>2</sup> to 0.8 mm <sup>2</sup> )
<b>Local Energy Mode</b>	

Nominal Coil Voltage:	3.65 VDC or 50 VAC 60 Hz
Current (alarm):	DC: 250 mA
Current (supervisory):	DC: <50 mA
Trip Coil (alarm):	24 VDC, momentary into 14.5 Ω coil
Trip Coil Resistance:	14.5 Ω
<b>Reverse Polarity Mode</b>	
Outputs:	24 VDC, 30 mA
Current (supervisory):	5 mA

**Environmental**

Relative Humidity:	Up to 95%, non-condensing
Temperature (operating):	+32°F to +120°F (0°C to +49°C)
Temperature (storage):	-4°F to +140°F (-20°C to +60°C)

**Ordering information**

**FPE-1000-CITY City Tie Plug-in Module**

Provides the FPA-1000 Analog Addressable Fire Panels with two supervised City Tie Local Energy circuits or Reverse Polarity circuits

Order number **FPE-1000-CITY**

**Represented by:**

**Americas:**

Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
security.sales@us.bosch.com  
www.boschsecurity.us

**Europe, Middle East, Africa:**

Bosch Security Systems B.V.  
P.O. Box 80002  
5617 BA Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**Asia-Pacific:**

Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia

**China:**

Bosch (Shanghai) Security Systems Ltd.  
201 Building, No. 333 Fuquan Road  
North IBP  
Changning District, Shanghai  
200335 China  
Phone +86 21 22181111  
Fax: +86 21 22182398  
www.boschsecurity.com.cn

**America Latina:**

Robert Bosch Ltda Security Systems Division  
Via Anhanguera, Km 98  
CEP 13065-900  
Campinas, Sao Paulo, Brazil  
Phone: +55 19 2103 2860  
Fax: +55 19 2103 2862  
latam.boschsecurity@bosch.com  
www.boschsecurity.com