



333 Bayview Avenue  
Amityville, New York 11701  
For Sales and Repairs, (800) 645-9445  
For Technical Service, (800) 645-9440  
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# FWC-FSLC-CZM

## Conventional Zone Module

### DATA SHEET

WI1920 09/10

#### ORDERING INFORMATION

**FWC-FSLC-CZM** - Conventional Zone Module. Allows the panel to interface and monitor dry contacts such as pull stations and compatible two-wire conventional smoke detectors. Status conditions are reported as normal, open or alarm. Maximum 8 allowed per GEMC-FW-SLC board. It supervises the external power supply as well as the entire zone of devices.

For installation and wiring instructions, see WI1714.

#### AGENCY LISTINGS

UL864 9th Edition: Commercial Fire  
NFPA 72 National Fire Alarm Code  
CSFM: California State Fire Marshall (Pending)  
FM Approval: (Pending)  
NYCFD: NYC Fire Department (Pending)

#### SPECIFICATIONS

SLC Applied Voltage	Rated Range 25.3 – 39 VDC
SLC Current Consumption	Maximum 720µA Nominal 670µA
Auxiliary Applied Voltage	Maximum 27.2VDC Nominal 18.8VDC
2-Wire Detector Loop Current (Auxiliary Supply)	Standby Detector Load – 1mA Max Alarm (Short across detector line) – 60mA Max
Maximum Output Current (OUT+/OUT-, IN+/IN-)	2A @ 30VDC
EOL Device for OUT+ & OUT-	NAPCO EOL Part No. 0400-02360 4.7KΩ, 1/4watt, 1/4inch
Alarm threshold level	<1.5KΩ
Wiring OK threshold level	>2.5KΩ & <6KΩ
Open Circuit threshold level	>10KΩ
Max. 2-wire Conventional Detector Loop Resistance	50Ω (for both legs)
Visual Indicator (Status LED)	bi-color LED – Green & Red Color & Mode – Selected and Programmed by Control Panel's software
Operating Temperature Range	0°C (32°F) ~ 49°C (120°F)
Storage Temperature Range	-30°C (-22°F) ~ 60°C (140°F) (80% RH @ 60°C)
Maximum Relative Humidity	10% – 85% RH non-condensing
Environment	Indoor dry use only
Dimensions	4.2"W X 4.7"H X .85"D
Weight	Approximately 3.0 ounces

**NOTE:** An average of 6.75mA (communication current) per loop of SLC devices, must be factored into the panel battery backup calculations. Maximum Ripple Voltage: 2VDC P-P.