

Módulo de Bucle SLC / 318 Dispositivos Direccionables / Bucle Clase B 3,810 m (12,500 ft) / FlashScan / Enchufable

SKU: SLM-318 Marca: HONEYWELL Categoría: NOTIFIER

Garantía: 1 año

$30,829.23

Precios con IVA incluido

DESCRIPCIÓN

El módulo de bucle de señalización SLC expande la capacidad de los paneles de control de alarma contra incendio (FACP) de la serie N16, agregando circuitos de línea de señalización adicionales. Cada módulo soporta hasta 318 dispositivos direccionables por bucle, incluyendo detectores y módulos, con un alcance máximo de 3,810 m (12,500 ft) en bucle Clase B utilizando cable 12 AWG. El panel N16 admite hasta 10 tarjetas de este tipo, permitiendo escalabilidad en instalaciones de gran envergadura. Incluye modo degradado para mantener la supervivencia del bucle ante fallas, y su diseño enchufable facilita la instalación y el mantenimiento. Viene programado de fábrica en protocolo FlashScan, con posibilidad de reconfiguración en campo a CLIP mediante licencia.

Características Generales
Agrega un circuito de línea de señalización (SLC) adicional al FACP serie N16
Hasta 318 dispositivos direccionables por bucle: detectores y módulos
Distancia máxima de 3,810 m (12,500 ft) en bucle Clase B con cable 12 AWG
Programado de fábrica en FlashScan; configurable en campo a CLIP mediante licencia
Modo degradado integrado que mantiene la supervivencia del bucle ante fallas
Diseño de instalación enchufable; el N16 admite hasta 10 tarjetas de bucle
Listado UL/ULC, aprobado por FM, CSFM y FDNY; cumple con NFPA 72

Desempeño
Dispositivos direccionables por bucle: hasta 318
Tipos de dispositivos soportados: detectores y módulos
Alcance máximo bucle Clase B: 3,810 m (12,500 ft)
Calibre de cable recomendado: 12 AWG
Protocolo de fábrica: FlashScan
Protocolo configurable en campo: CLIP (mediante licencia)
Modo degradado: integrado para supervivencia del bucle ante fallas

Físicas / Eléctricas
Tipo de instalación: enchufable en panel N16
Máximo de tarjetas por panel N16: 10
Listados y aprobaciones: UL, ULC, FM, CSFM, FDNY
Cumplimiento normativo: NFPA 72

Contenido del Paquete
Módulo de bucle de señalización SLC SLM-318

ESPECIFICACIONES

Característica 1	**Expansión de 318 dispositivos direccionables por bucle para sistemas grandes**
Característica 2	**Alcance de 3,810 m (12,500 ft) con cable 12 AWG en configuración Clase B**
Característica 3	**Modo degradado que preserva operación del bucle ante fallas de comunicación**
Característica 4	**Configuración en campo a CLIP mediante licencia sin cambio de hardware**
Característica 5	**Instalación enchufable que reduce tiempo de mantenimiento y reemplazo**
Característica 6	**Compatible con paneles N16, admite hasta 10 tarjetas por sistema**

MEMORIA TÉCNICA · SLM-318

Número de parte de esta ficha: SLM-318. La información corresponde a esta variante.

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SLM-318 Signaling Loop Module
General
The SLM-318 Loop Module provides the NOTIFIER INSPIRE™ N16 Series of Fire Alarm Control Panels (FACPs) with additional Signaling Line Circuits (SLCs). The N16 Series supports up to 9 additional SLM-318 cards for a total of 10 loops cards, with up to 318 devices per loop. The PMB power supply for the N16 FACP supports a maximum of five loop cards. One or two PMB-AUX(-RTO) power supplies can be added depending on total number of loop cards, battery charging and alarm load requirements.
The SLM-318 comes factory programmed in FlashScan protocol with the capabilities of NOTIFIER's Self-Test Detectors enabled. Individual cards within a N16 can be field configured via license for CLIP protocol.
Features
- Support Self-Test Series intelligent devices
- Up to 12,500 feet (3,810 m) on a Class B SLC loop (twisted-unshielded)
- Built-in degraded mode increases survivability
- Simplified installation via plug in style design
- Permits multiple loops in a small enclosure
- FACPs can support cards operating in FlashScan and CLIP simultaneously
Product Line Information
SLM-318: Signaling Loop Module. Adds SLC loops to the N16 Series FACP; N16 supports up to ten SLM-318 cards
Agency Listings and Approvals
The file number(s) below reference the specific listings for the modules in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may

be in process. Consult NOTIFIER for latest listing status.
- UL: S635
- FM Approved
- CSFM: 7165-0028:0516
- FDNY: COA#001761
Standards and Codes
These listings and approvals below apply to the SLM-318. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.
- UL 864, 10th edition
- NFPA 72 National Fire Protection Association
- NOTIFIER INSPIRE
™
- is a trademark of, and NOTIFIER
®
- is a registered
trademark of Honeywell International, Inc.
use of this document is strictly prohibited.
This document is not intended to be used for installation purposes.
We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
All specifications are subject to change without notice.
Country of Origin: USA
NOTIFIER
12 Clintonville Road
Northford, CT 06472
203.484.7161
SPECIFICATIONS
Voltage: 24VDC nominal, 27.6VDC maximum
Maximum loop length: The maximum wiring distance of an SLC using 12 AWG (3.1 mm²) twisted-pair wire is 12,500 feet (3810 m) per channel. For a twisted-unshielded pair, 12 AWG (3.1 mm²) to 18 AWG (0.78 mm²):
–Distance with 12 AWG: 12,500 ft (3,810 m)
–Distance with 14 AWG: 9,500 ft (2,896 m)
–Distance with 16 AWG: 6,000 ft (1,829 m)
–Distance with 18 AWG: 3,700 ft (1,128 m)
–50 ohms maximum per length of Class A & Class X loops
–50 ohms maximum per branch for Class B loop
Maximum loop length with self-test detectors: The maximum wiring distance of an SLC using 12 AWG (3.1 mm²) twisted-pair wire is 11,000 feet (3400 m) per channel. For a twisted-unshielded pair, 12 AWG (3.1 mm²) to 18 AWG (0.78 mm²):
–Distance with 12 AWG: 11,000 ft (3,400 m)
–Distance with 14 AWG: 6,900 ft (2,100 m)
–Distance with 16 AWG: 4,350 ft (1,326 m)
–Distance with 18 AWG: 2,700 ft (823 m)
–35 ohms maximum per length of Class A & Class X loops
–35 ohms maximum per branch for Class B loop
Alarm current: 210mA, Standby current: 159mA, resistance: 50 ohms maximum, for single SLC loop: 400mA maximum.
NOTE: Maximum short circuit — loop will shut down until short-circuit condition is corrected.
Maximum resistance: 50 ohms (supervised and power-limited)
Temperature and humidity ranges: This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.