

LOOP EXTENSION MODULE

The NFA-T01LM loop extension module operates on a DC24V power supply and utilizes an internal electrical isolation circuit to achieve real-time isolation and transmission of input and output bus signals, delivering a standard bus waveform. This module enhances the bus's resistance to interference and helps extend the communication range. It is particularly effective in environments where external interference occurs or where longer communication distances are required. Compliant with EN 54 Part 18 (European Standard), the unit features a discreet design suitable for modern buildings. Its plug-in assembly allows easy installation and maintenance.



FEATURES & BENEFITS

- EN54-18 Compliance
- Built-in MCU processor
- Input bus, the output bus signal between the electrical isolation, electromagnetic interference has a good inhibitory capacity, stable and reliable work Input Fire or Supervisory signal configuration
- LED status indicator
- To correct the bus signal, the output standard bus waveform
- Fast intelligent bus output short circuit judge function, bus output short circuit protection function; after the bus is normal, it can recover the bus output in time
- Aesthetically pleasing design

TECHNICAL INFORMATION

Characteristic	Value
Compliance	EN 54-18
Input Voltage	Loop Power: 24VDC [16V to 28V] External PSU: 20 to 28VDC
Current Consumption	Loop: $\leq 5\text{mA}$ External PSU: $\leq 500\text{mA}$
Bus Input Range	$\leq 1000\text{m}$
Bus Output Range	$\leq 1000\text{m}$
Most Cascade	3
Protocol / Addressing	Norden, Value range from 1 to 254
Indicator Status	Normal: Single blink / Fault: Steady-on
Material / Colour	Metal / Gray
Dimension / LWH	155.0mm×97.0mm×40.0mm
Operating Temperature	-10°C to +55°C
Humidity	0 to 95% Relative Humidity, Non condensing

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ORDERING INFORMATION

Part Number	Description
NFA-T01LM	LOOP EXTENSION MODULE