



# LC7004

## Dual Loop Card

### Features and Benefits

- Dual loop card that supports up to 508 addressable devices.
- Optional Card to be added on the panel as required
- Compatible with T7004 control panel
- Built-In DC Surge protection
- Transmission path is fully monitored
- No Card positioning and addressing required
- Plug-in terminals, field wiring terminals are removable
- Easy to install

### Overview

The LC7004 is a dual loop card used to expand the loop capacity of the control panel, each loop can accommodate up to 254 addressable TNA compatible devices such as optical smoke detectors, heat detectors, call points, modules and sounders in any combination. The transmission path is fully monitored such as in the case of a short or open circuit fault and fault is reported to the control panel distinctively per each loop. The loop card has a built-in DC surge protection against 4kA lighting current. The LC7004 is panel mount type that can be installed in any available loop port, the control panel will automatically assign the loop number when powered-on.

### Technical Specification

#### Compliance

Integrity of transmission path of  
EN 54-2 (Incorporating Modules of TX7004 CIE)

#### Loop Capacity

Loop card  
Loop protocol

254 + 254 addressable points  
TNA compatible devices

#### Power Rating

Voltage Output  
Current  
Protocol/Addressing  
DC Surge Protection  
Power Rating Cable

16 to 24VDC  
500 mA  
T&A, Value range from 1 to 254  
4KV  
1.2Km Max at 2 x 1.50 mm<sup>2</sup> solid core fire resistance

#### Operating Environment

Mount Type  
Temperature  
Relative Humidity

Panel Mount  
-10°C~+55°C  
≤95%, non-condensing

