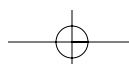


Temaline Mullion Readers

Honeywell



**Compact and easy to install
concept card readers**



The TK_L12 and TK_L19 are the latest products in the Temaline family addressing the need for a compact, easy to install reader, directly connected via LON to the TemaServer controller. Specially designed for access control solutions, they are small, attractive readers that can be positioned near a door providing easy integration with the building environment. There are two versions, the TK_L12 for smartcards and the TK_L19 with HID technology.

MAJOR BENEFITS

Versatile: Both readers are suitable for a host of applications including door mullion and turnstiles.

Easy to install: The direct LON connection and embedded I/O simplifies installation and engineering and reduces the number of system devices providing a

more cost effective solution.

Suitable for both indoor and outdoor installation: The weatherised enclosure is designed to withstand the harsh, outdoor environment and provide a reliable performance in all conditions.

Aesthetically pleasing: The stylish and attractive design allows the reader to easily be incorporated into any buildings infrastructure, allowing for seamless integration by architects into new and existing buildings.


Embedded I/O: Allows the complete control of a door (door monitor, request-to-exit, door lock and visual/audible indication) without having to invest in additional costly devices.

Simple to use: The coloured LED and

variable tone buzzer provide a clear indication of a transmission and the connection status of the reader.

KEY FEATURES

- Convenient mullion style
- Reads ISO 14443A/B cards (TK_L12)
- Reads HID proximity cards, 125KHz (TK_L19)
- Reading distance: up to 4.0cm with HID ISOProx 11™ card (TK_L19)
- Host LED control
- Anti-removal & tamper contact provide output signal to host
- Embedded supervised inputs
- Embedded relay outputs (TK_L19)
- Embedded open collector outputs (TK_L12)
- IP 55 protection
- Operating temperature: -20°C/+60°C

Specifications	TK_L12 For Smartcard	TK_L19 HID Technology	
Technical	Compact, mono-directional reader for ISO14443A MIFARE® and ISO14443B smart card technology (13.56MHz)	Compact, mono-directional reader for HID technology proximity cards (125kHz)	
	Integrated cable fly-lead for I/O wiring, LON communications and power supply connections		
	1 multicolor LED: Green for correct card read, Red for invalid transaction, Yellow for Echelon service function		
	Built-in audible buzzer with variable tones for valid/invalid transactions		
	Reading distance: up to 4cm with MIFARE® STD 1K card	Reading distance: up to 4cm with HID ISOProx II cards	
Electrical	Supply Voltage	12VDC +/- 10%	
	Power Consumption	2W	
	LonWorks Cabling Interface	Unshielded twisted pair cable in free topology Transceiver FTT10A, 78Kbps	
	Digital Input	2 supervised inputs: normal, alarm, cut, short	
	Outputs	2 open collector outputs:	
		Lock output Open collector 100mA max for driving an external relay	Lock output See the installation manual for the details.
		Other output (LED) Open collector 100mA max for driving an external relay	Other output (LED) • Normally closed/normally open; • Current: 6A holding current, peak max 10A inductive load • Voltage 30VAC/DC
Physical	Protection Rating	IP55	
	Dimensions	H=156 x W=40 x D=27mm	
	Weight	300 gr	
Environmental	Operating Temperature	-20°C / +60°C	
	Operating Humidity	Up to 95% without condensation	
Certification	Directive EMC 89/336/EEC, 92/31/EEC Low Voltage Directive 72/23/EEC, 93/68/EEC; EN60950 / EN55022-B / ETSI EN300-330 / EN55024		
			



TK_L12



TK_L19

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