KE-IO3144

Modulo indirizzato intelligente 4 ingressi / 4 uscite con isolatore, serie Excellence

General

The innovative Excellence series of intelligent addressable devices offers advanced features for reliability and peace of mind. Coupled with features for ease of installation and maintenance on new fire detection systems, it's a perfect match for exceptional overall performance.

The Excellence series input/output devices are designed to provide much needed flexibility to input monitoring and output switching. These modules, combined with the powerful features of a Kidde Excellence series addressable CIE, give customers versatility for diverse applications.

The KE-IO3144 an Excellence series addressable 4 input/4 output unit with integrated short circuit loop isolation. Powered directly from the Excellence loop, it offers 4 inputs with selectable line supervision and 4 magnetically latched relay outputs.



Applications

The KE-IO3144 is designed to monitor any potential free contacts, and independently switch outputs for control of equipment. Any normally open or normally closed contact may be selected to be supervised or unsupervised. Normal, open, passive, active or short circuit states on the input are reported back to the CIE where, depending on the programming, separate actions may be taken for any of these states. Every output is a magnetically latched relay providing a potential free change-over contact. The output relays do not require power in either the active or passive states, saving on overall loop loading.

The KE-IO3144 may be located anywhere on the Kidde Excellence loop where it occupies only 1 of 128 available addresses. Housed in a low profile molding, the interface is designed to clip directly onto a standard DIN rail fixing or be installed in a suitable wall mount housing.

Installation & Maintenance Features

The KE-IO3144 is connected to the CIE via a 2-wire communication loop that carries both power and control data. Tri-Colour LED indicators positioned on the front face of the unit provide the engineer with clear identification of the operational state of the unit, as well as the status of any input and/or output control. Additional manual test facilities on the unit allows local testing without the need for control panel intervention, saving time during installation and commissioning.

Excellence series devices use an advanced digital data communications protocol with extensive error correction algorithms to ensure system reliability.

Dettagli

- Alimentato dal loop, non necessita di alimentazione esterna con risparmio di costi nell'installazione
- Dispone di 4 ingressi e 4 uscite programmabili con un singolo indirizzo, con una riduzione del numero dei punti presenti sul loop
- Ingressi completamente supervisionati, doppio livello per il preallarme e allarme con ogni singolo ingresso
- Uscite normalmente aperte / normalmente chiuse programmabili per la massima flessibilità di installazione
- Relè di uscita con ritenuta magnetica per ridurre l'assorbimento sul loop
- Liberamente programmabile per funzionare con qualsiasi logica
- Funzionalità di test locali per semplificare le operazioni di verifica
- Indicazione a bordo chiara dello stato di funzionamento per facilitare la manutenzione

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Specifiche tecniche

General

Addressing method	Interruptores DIP

Electrical

Power supply type	Alimentado por bucle

Input

Input quantity	4
Input states	Activo, Fault, Normal, Abierto, Corto

Isolation

Type	Salto de línea negativo

Physical

Colour	Señal blanca (RAL 9003)
Mounting type	DIN-skinne, Montaje en Superficie, Vægmontering
Material	PC / ABS
Cable specification	Loop: 0.13 to 3.31 mm² (12 to 26 AWG) shielded/unshielded twisted-pair < 52 Ω , < 500 nF

Environmental

Vandal proof	No
Environment	Indendør

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CPR

Prodotti compatibili

Categoria	Riferimento	Descrizione
Enclosures	N-IO-MBX-1	Custodia di contenimento con barra DIN per moduli
Enclosures	N-IO-MBX-2	Custodia di contenimento con barra DIN per moduli, grande
Interface unit	N-IO-SBX-2G	Custodia di contenimento plastica modulo I/O barra DIN (grande)

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Last updated on 12 November 2026 - 18:57