

IU2080NC

Modulo serie 2000, 1 uscita (Supervisionata)

General

Operation

The IU2080NC utilizes an advanced digital data communications protocol that ensures the integrity of the data communication with extensive error correction algorithms. It ensures system reliability with continuous supervision and monitoring of the output circuit for open or short circuit conditions, as well as monitoring of the input auxiliary power supply for low voltage or fault conditions. The output circuit supports a continuous or pulsing output that significantly simplifies meeting requirements for differentiation of audible alarms for different alarm circumstances.

Installation

The IU2080NC loop address is set with a simple decimal rotary dial and is non-volatile - the address is not lost in the event of a power outage. The module is simply connected to a compatible fire alarm panel via a two-wire device communication loop that carries both data and operating power to the module. The indicating circuit is powered via a auxiliary power supply.

Programmability

The operation of the IU2080NC is fully configurable from the CIE (control panel) allowing for powerful and extremely flexible output configuration capabilities.



Dettagli

- Versatile, addressable control for notification equipment
- Supervised output circuit with open and short circuit monitoring
- Programmable output with continuous and intermittent functions
- Notification circuit load supplied from an external supply does not load the detection loop
- External supply supervision warns when the supply voltage is low
- Easy decimal numeric addressing avoids address calculation errors and saves installation time
- EN54:18 approved and CPR certified

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Specifiche tecniche

Generale

Indicazione stato	LED
Compatibilità	Aritech 2000 Series systems
Metodo di indirizzamento	Rotary switch
Intervallo di indirizzi	1 to 128

Elettrico

Tipo di alimentatore	24 VDC, Alimentato ad anello
Tensione di esercizio	Fire panel loop: 17 to 28 VDC External supply: 20.1 to 28 VDC, Low voltage detection < 19.7 VDC
Consumo attuale	Fire panel loop: (standby) <250 µA, <200 µA (typical) Fire panel loop: (active) <3.5 mA External supply: (min) 100 mA External supply: (max) <3 A @ 20°C / <2.04 A @ 55°C

Uscita

Quantità in uscita	1
Tipo di uscita e intervallo	Supervised
Voltaggio di supervisione	1.7 VDC, inverted
Termine	10 kΩ, 5%, ¼ W

Fisico

Dimensioni fisiche	175 x 124 x 51 mm
Peso netto	325 g
Colore	Bianco
Tipo di montaggio	Montaggio a superficie
Cavo di entrata	1
Materiale	Plastica

Ambientale

A prova di vandalo	No
Temperatura operativa	-10 to +55°C
Temperatura di immagazzinamento	-20 to +60°C
Umidità relativa	10 to 95% noncondensing
Ambiente	Interno
IP rating	IP40

Regolatorio

Conformità	CE, REACH, RoHS 3, WEEE
Certificazioni	CPR
Standards	EN54:18

Output

Short circuit @ 24 VDC	<4.5 kΩ
Standby @ 24 VDC	<5.5 to 16 kΩ
Open circuit	>20 kΩ
No load current consumption (standby):	<11 mA @ 24 VDC, <12 mA @ 28 VDC
No load current consumption (active):	<69 mA @ 24 VDC, <70 mA @ 28 VDC