



IO-ISO

INPUT/ OUTPUT MODULE

MADE IN PORTUGAL - EU

GLOBAL FIRE EQUIPMENT S.A.

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TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered - 17V to 30V DC
LOOP CURRENT - INPUT status in mA	OK 0.6 - FLT OC 0.5 - FLT SC 1.0 - ALARM 2.2
LOOP CURRENT - OUTPUT ACTIVE	2.0 mA
MAX. CABLE SIZE	2.5 mm ²
COLOUR / CASE MATERIAL	White / ABS - Flame Retardant rating 94V0
OPERATING TEMPERATURE	-10°C to 50°C
MAX. HUMIDITY	95% RH Non-Condensing
DIMENSIONS / WEIGHT	100.3 (D) x 48 (H) mm / 152 g inc. packaging

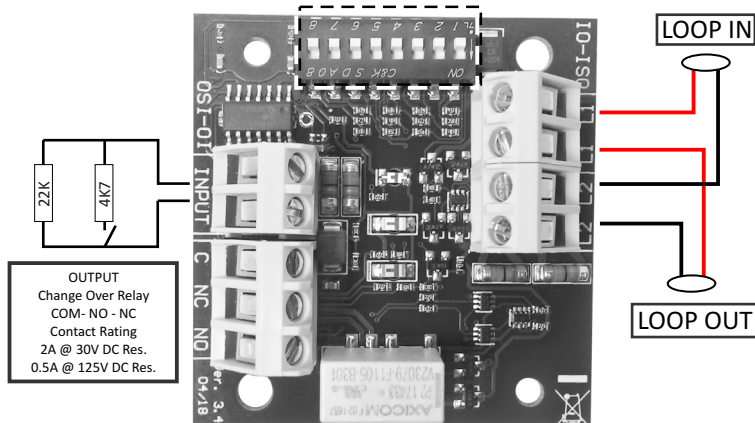
ORDER CODE

DESCRIPTION

IO-ISO

INPUT/ OUTPUT MODULE

CONNECTIONS



Input Resistance values

END OF LINE MONITORING RESISTOR 22K

ALARM RESISTOR (4K7) IN SERIES
 WITH NORMALLY OPEN CONTACT

Fault

Short circuit - < 2K2

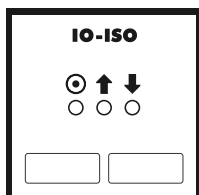
Open Circuit - > 47K

Normal - 8K2 to 47K

Fire - 2K2 to 8K2

REPORTING DETAILS

In order to indicate the status of the module's working condition, three LEDs are provided:

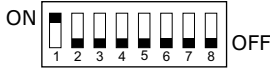


⊙ **STATUS:** This LED will flash Green, every time the address associated with the module is polled by the addressable panel. If there is an Open Circuit/ Short Circuit Fault present, the Status LED will be continuously illuminated with an Orange colour, flashing Green every time the module's address is polled.

↑ **FIRE:** This Red LED will be illuminated continuously whenever there is a FIRE condition present at the input terminals. The analogue value reported by the module in this state is 64. If there is an Open or Short Circuit condition the analogue value reported to the addressable panel is 4.

↓ **OUTPUT:** The Yellow LED provided will be lit when onboard relay is activated.

D.I.L. SWITCHES CONFIGURATION



Switches 1-7

Used to configure the module's address.

Switch 8

Programming mode.

For more information please refer to the IO-ISO / 3-IO-PLUS / MAINS IO programming manual available on our website.

Address Switches binary weights

- 1 ON =1 4 ON =8 7 ON = 64
- 2 ON =2 5 ON =16
- 3 ON =4 6 ON =32

ADDRESS SETTINGS

01	02	03	04	05	06	07	08
09	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104
105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120
121	122	123	124	125			