

IMCOS-2101-V2 Alarm Monitor



Overview

IMCOS-2101-V2 is the alarm monitor for IMCOS systems.

It is designed to constantly check the status of IMCOS devices in order to assure a complete control of the system.

Features

- Directly connected to main IMCOS system components
- Real time status display
- Different fault monitored (E.g. loss of power, amplifier fault, controller fault and main control unit fault)
- 4x20 LCD display light intensity adjustment
- Built in sounder for audio notification
- Resettable/non resettable interface to ship's automation
- Front handles as option

Specifications

Material	Coated Aluminium RAL 9005 (panel)
Mounting	19" standard rack mount
Dimensions (mm)	2 units 19" standard rack
Weight	1 Kg (Approx.)
Power Supply	Primary 220/110 50/60 Hz Vac Secondary 24 Vdc
Wiring	Terminal strip on the back
Inputs Type	20 Voltage/Voltage free contacts selected by built-in dip-switches – 24Vdc
	6 Voltage (AC or DC) selected by dip-switches
	3 Remote alarm panel inputs
Outputs Type	Non Resettable normally closed contact
	Resettable Normally closed contact
	Common Fault NC or NO contact
	Spare NC or NO contact

Terminals and DIP-switch settings

CL5

1	~	110V/230V	220 V AC POWER SUPPLY
3	S	X1	AMPLIFIERS ALARM (N-C CONTACT)
4	—	—	—
5	S	X3	SPARE ALARM (N-C-N-O CONTACT)
6	—	—	—
7	+	X0	BACK UP IN SERVICE (OUT OF ORDER)
8	—	—	—
9	+	X2	SPARE ALARM INPUT (POWER SUPPLY - FAULT)
10	—	—	—
11	N.C	K1	N-C FREE CONTACT for NO RESETTABLE COMMON ALARM
12	C	—	—
13	N.C	K2	N-C FREE CONTACT for RESETTABLE COMMON ALARM
14	C	—	—
15	+	24V	24 V DC POWER SUPPLY
16	—	—	—

CL4

17	S	X4	SPARE ALARM INPUT (N-C-N-O CONTACT)
18	—	—	—
19	S	X5	SPARE ALARM INPUT (N-C-N-O CONTACT)
20	—	—	—
21	S	X6	SPARE ALARM INPUT (N-C-N-O CONTACT)
22	—	—	—
23	S	X7	SPARE ALARM INPUT (N-C-N-O CONTACT)
24	—	—	—
25	+	X8	SPARE ALARM INPUT (POWER SUPPLY - FAULT)
26	—	—	—
27	+	X9	SPARE ALARM INPUT (POWER SUPPLY - FAULT)
28	—	—	—
29	+	XA	SPARE ALARM INPUT (POWER SUPPLY - FAULT)
30	—	—	—
31	+	XB	SPARE ALARM INPUT (POWER SUPPLY - FAULT)
32	—	—	—

CL3

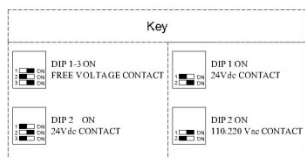
33	+	24V	24 V DC POWER TO EXTERNAL ALARM PANEL
34	—	—	—
35	—	X18	REMOTE RESET BUTTON
36	—	V22	REMOTE ALARM LED
37	—	V24	REMOTE ALARM BEEZER
38	—	—	—
39	N.C	—	COMMON ALARM TO REMOTE SATELLITE (N-C FREE CONTACT)
40	C	—	—
41	N.O	—	—
42	N.C	—	—
43	C	—	—
44	N.O	—	—

CL2

45	S	X17	SPARE ALARM INPUT (N-C-N-O CONTACT)
46	—	—	—
47	S	X16	SPARE ALARM INPUT (N-C-N-O CONTACT)
48	—	—	—
49	S	X15	SPARE ALARM INPUT (N-C-N-O CONTACT)
50	—	—	—
51	S	X14	SPARE ALARM INPUT (N-C-N-O CONTACT)
52	—	—	—
53	S	X13	SPARE ALARM INPUT (N-C-N-O CONTACT)
54	—	—	—
55	S	X12	SPARE ALARM INPUT (N-C-N-O CONTACT)
56	—	—	—
57	S	X11	SPARE ALARM INPUT (N-C-N-O CONTACT)
58	—	—	—
59	S	X10	SPARE ALARM INPUT (N-C-N-O CONTACT)
60	—	—	—

CL1

1A	~	XF	220 V AC - MAIN POWER SUPPLY - FAULT
2A	~	—	—
3A	~	XE	SPARE ALARM INPUT (POWER SUPPLY - FAULT)
4A	~	—	—
5A	+	XD	CONTROLLER 1 (POWER SUPPLY - FAULT)
6A	—	—	—
7A	+	XC	CONTROLLER 2 (POWER SUPPLY - FAULT)
8A	—	—	—
9A	+	X28	SPARE ALARM INPUT (POWER SUPPLY - FAULT)
10A	—	—	—
11A	+	X27	SPARE ALARM INPUT (POWER SUPPLY - FAULT)
12A	—	—	—



Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box

Series

Handles

IMCOS-2101-V2

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H = Handles
Blank = No handles