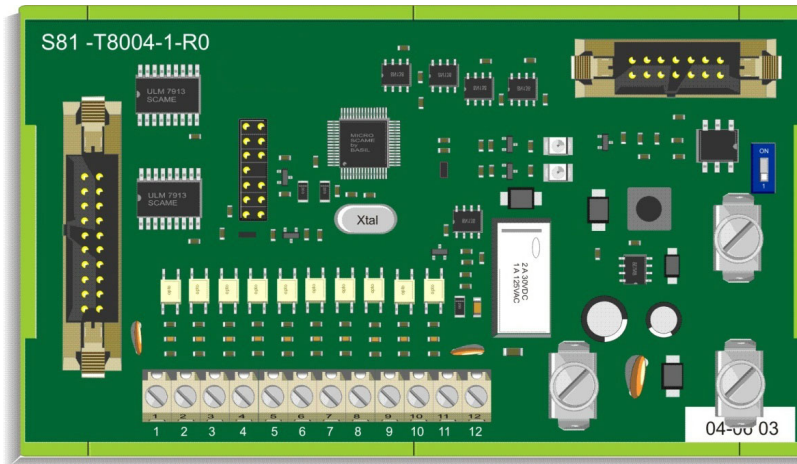


S81-T8004

Default Input and Output Management Card

This card can manage 10 digital inputs, 16 open collector outputs and one monitored output for fire alarm siren control. In addition, the card checks the ground leakage of the supply voltage.

The S81 T8004 card can be connected with a flexible cable to a S81-T8001 termination card or to an S81-T8007 relay board, to have respectively, 16 open collector or 16 SPDT contact relay outputs.



Operation

The S81-T8004 card is to be mounted on a DIN rail so it is normally installed on the panel back plate.

It is connected with the panel display (U-1006) and with a termination card (S81 T8007 or S81-T8001) by means of FLAT cables that can be hot-swapped.

The two LEDs respectively indicate the presence of power supply and the operation of the serial link with the panel display.

Default Outputs Through a T8007-1 or S81-T8001 Card

The S81 panel normally includes an S81-T8007-1 card, which is used to produce the output functions required by the EN 54-2 standard. If, on the other hand, a S81-T8001 termination card is utilized, the outputs have the same functions but are of an Open Collector type.

Some relays are also provided for a normally energized stand-by condition.

Relay (T8007)	Normally energized	Default Outputs	Mode	
			Safety	Security
K1		PREALARM	<input checked="" type="checkbox"/>	
K2		ALARM	<input checked="" type="checkbox"/>	
K3	<input checked="" type="checkbox"/>	FAULT	<input checked="" type="checkbox"/>	
K4		DEVICES DISABLED	<input checked="" type="checkbox"/>	
K5		LOCAL BUZZER	<input checked="" type="checkbox"/>	
K6		SPARE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
K7	<input checked="" type="checkbox"/>	GENERAL ALARM		<input checked="" type="checkbox"/>
K8	<input checked="" type="checkbox"/>	TAMPER		<input checked="" type="checkbox"/>
K9	<input checked="" type="checkbox"/>	GENERAL FAULT		<input checked="" type="checkbox"/>
K10	<input checked="" type="checkbox"/>	BURGLAR ALARM		<input checked="" type="checkbox"/>
K11		SPARE		
K12	<input checked="" type="checkbox"/>	NORMAL OPERATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
K13	<input checked="" type="checkbox"/>	SYSTEM FAULT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
K14	<input checked="" type="checkbox"/>	POWER SUPPLY FAULT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
K15	<input checked="" type="checkbox"/>	CPU OR PROCESS FAULT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
K16	pulsing	PANEL RESET	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Default Input and Alarm Output

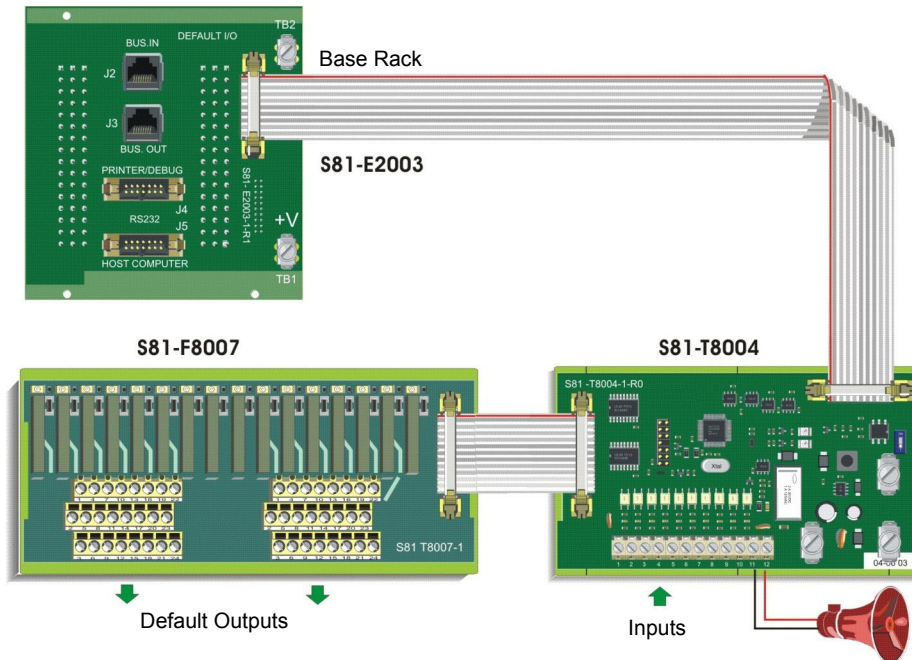
It is a terminal strip, on which panel default inputs and panel outputs to the alarm horn are terminated.

Terminal	Function	Note
Ø M1	Buzzer silencing remote input	N.O. (normally open)
Ø M2	Sounder silencing remote input	N.O.
Ø M3	Panel reset remote input	N.O.
Ø M4	Evacuation command remote input	N.O.
Ø M5	Battery status (supply/charge)	0 VDC (charge)
Ø M6	PSU1 primary supply fault	N.C. (normally closed)
Ø M7	PSU2 secondary supply fault	N.C.
Ø M8	Battery charging status (deep and maintenance)	0 VDC (deep)
Ø M9	Fault external to panel	N.C.
Ø M10	Tamper alarm external to panel	N.C.
Ø M11	Fire alarm siren positive output	250 mA max (monitored line)
Ø M12	Fire alarm siren negative output	250 mA max (monitored line)

NOTE:

When asked, the board S81-T8004 is coupled to the relay card S81-F8007 to make available the repetitions of the central state with voltage-free changeover contacts.

The connection between the two units is carried out simply by using a flat cable-mixed.



This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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