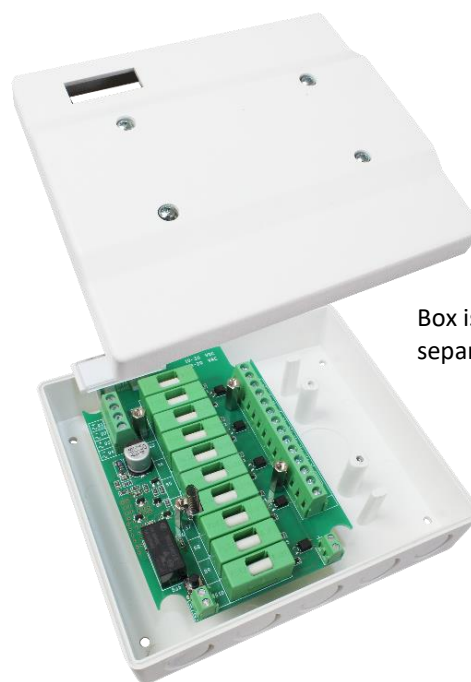
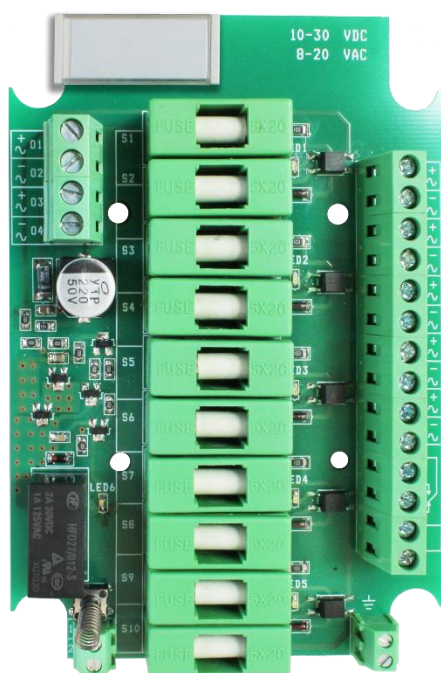




Box is sold
separately

DESCRIPTION

The fuse module 3071 is designed for power distribution. It contains one power input with doubled input terminals, connecting to the power supply and five independently secured outputs. Outputs (+) and (-) in every channel are secured with separate fuses. Normal state of every channel is optically signaled by green LEDs. Failure detected in every channel (lack of voltage or activated fuse) is signaled by red LED and switch-over relay.

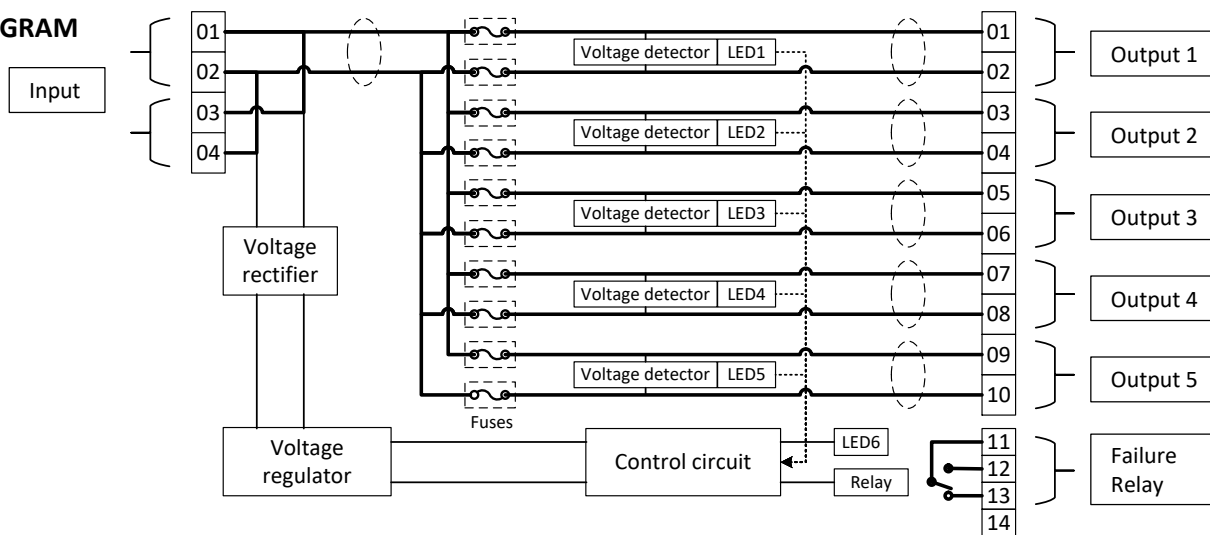
FEATURES

- DC or AC supply voltage
- Five output channels independently secured with fuses
- Separate fuses in (+) and (-) terminal outputs
- Optical indication of output voltage in every channel (green LED)
- Optical indication of failure (red LED)
- Failure signalization with switch-over relay
- Relay contacts ratings 2 A / 30 V

TECHNICAL SPECIFICATION

Supply voltage DC	10 ÷ 40 V
Supply voltage AC	8 ÷ 40 Vrms, 47 ÷ 63 Hz
Maximum input current	10 A
Number of output channels	5
Maximum output current in every channel	< 2 A
Output fuses S1 to S10	T2AH250V
Failure relay	SPDT relay
Failure relay contact ratings	30 Vdc, 2 A
Supply current (relay energized, normal state)	23 mA @ 12 Vdc, 33 mA @ 24 Vdc
Environmental class	EN 50130-5, Class II
Dimensions	116 x 80 x 16 mm
Weight	85 g
Operating temperature	-20 °C to +55 °C
Compliance	  

BLOCK DIAGRAM



I/O TERMINALS

Input terminal

#	Function	
01	Supply voltage	(+) or AC1
02		(-) or AC2
03	Supply voltage	(+) or AC1
04		(-) or AC2

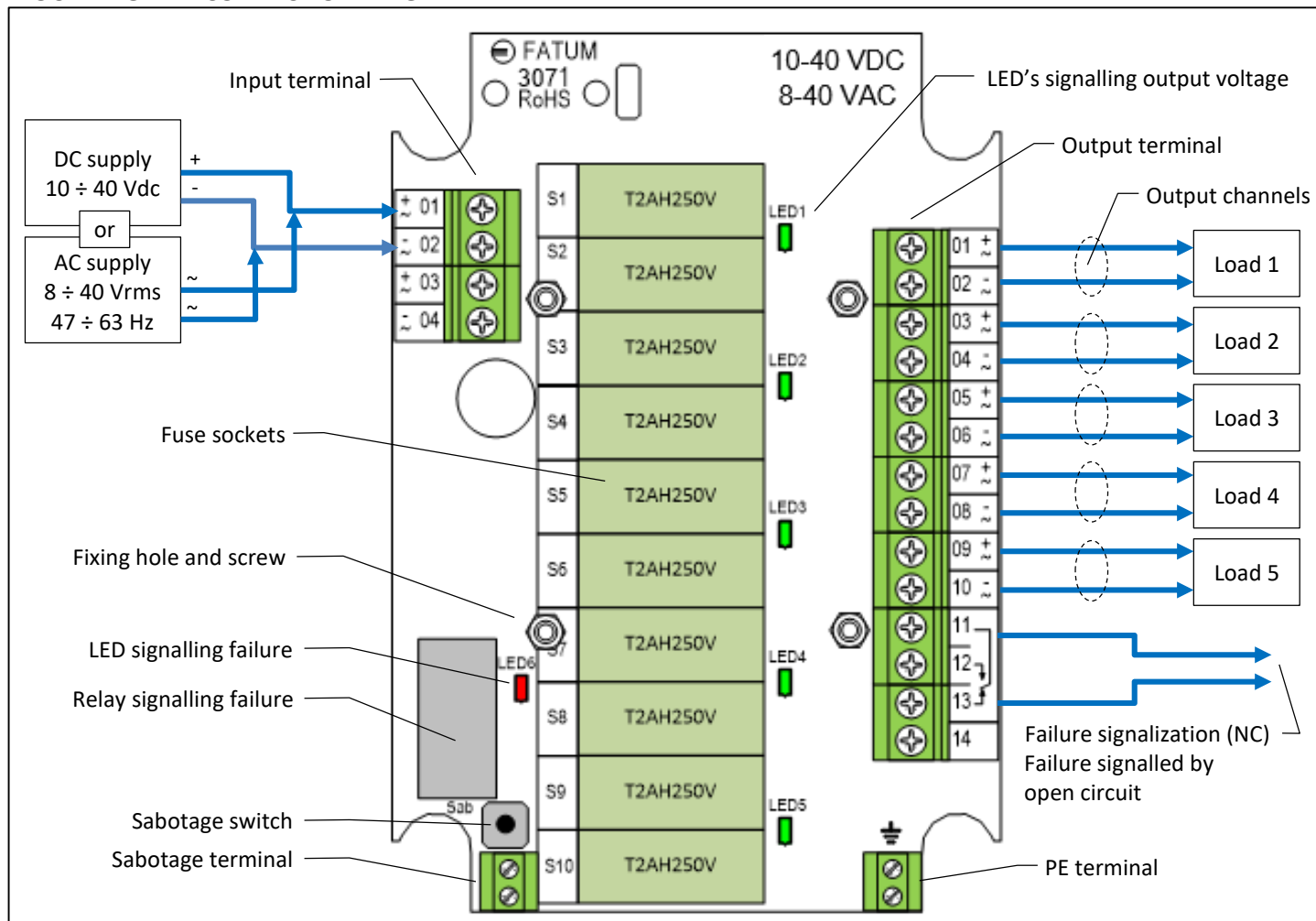
Relay terminal

#	Function
11	Common
12	Normally Open
13	Normally Closed
14	Spare

Output terminals

#	Function	Fuse	LED
01	Output channel 1	(+) output or AC1	LED1
02		(-) output or AC2	
03	Output channel 2	(+) output or AC1	LED2
04		(-) output or AC2	
05	Output channel 3	(+) output or AC1	LED3
06		(-) output or AC2	
07	Output channel 4	(+) output or AC1	LED4
08		(-) output or AC2	
09	Output channel 5	(+) output or AC1	LED5
10		(-) output or AC2	

MOUNTING AND CONNECTION DIAGRAM



FAILURE SIGNALIZATION (examples)

State of fuse module	Output voltage signalization					Failure LED	Failure relay	
	LED1	LED2	LED3	LED4	LED5		C-NC circuit	C-NO circuit
Normal, unit supplied	ON	ON	ON	ON	ON	OFF	Closed	Open
Fuse in channel 1 activated	OFF	ON	ON	ON	ON	ON	Open	Closed
Fuse in channel 2 activated	ON	OFF	ON	ON	ON	ON	Open	Closed
Fuse in channel 3 activated	ON	ON	OFF	ON	ON	ON	Open	Closed
Fuse in channel 4 activated	ON	ON	ON	OFF	ON	ON	Open	Closed
Fuse in channel 5 activated	ON	ON	ON	ON	OFF	ON	Open	Closed
Fuses in channel 1 and 3 activated	OFF	ON	OFF	ON	ON	ON	Open	Closed
Fuses in channel 2, 4 and 5 activated	ON	OFF	ON	OFF	OFF	ON	Open	Closed
All fuses activated	OFF	OFF	OFF	OFF	OFF	ON	Open	Closed
Lack of supply voltage	OFF	OFF	OFF	OFF	OFF	OFF	Open	Closed