

Card mod.1019 DI, used in 1019 series control units, can control up to sixteen (16) unsupervised digital inputs (N.O. or N.C.).

1 MAIN FEATURES:

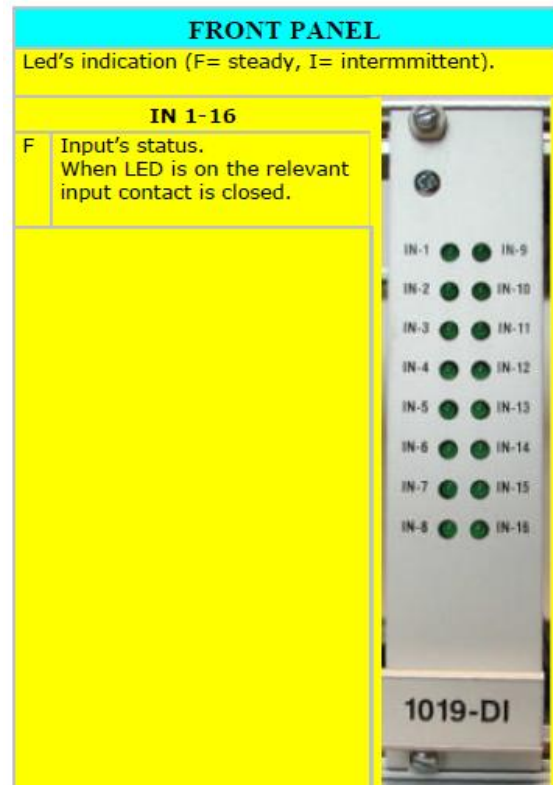
- Microprocessor technology
- Single LED's for status indication.
- On board self-checking functions
- Std. 19" 3HE mounting with locking screw.
- Dip switches address setting.
- Opto-isolated inputs.
- Inputs status programmable in latching-non latching mode jumpers

2 OPERATION:

Inputs status is used in 1019 system programming to perform logic functions. Through SW1 the input's status can be programmed either in latching or non-latching mode. When latching mode is provided each status change is latched until reset. 1019-DI accept free voltage N.O. or N.C. contacts. Common 0V (GND) is available on card terminal board.

Since the inputs are not supervised the 1019-DI is not recommended to be used in safety/security applications. It is typically used to receive status signals from other non-critical systems (e.g. HVAC) or to monitor doors or valves position (open/closed).

OPERATIONAL MODES		
JP1-1	Open	Latched input
	Closed	Non-latched input
SW1	1-7	Card address setting



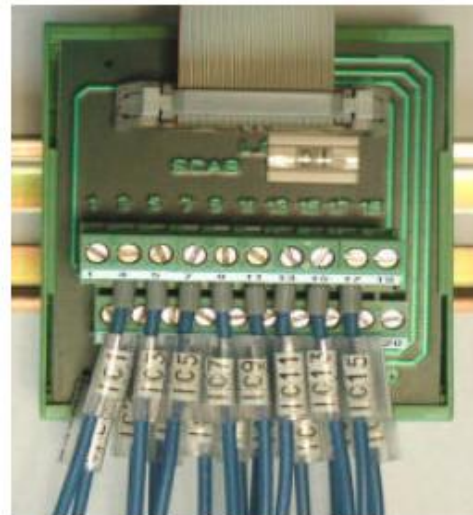
3 TECHNICAL CHARACTERISTICS:

Model	1019 DI
Part Number	SCH 1019/DI-XX (*)
Voltage	22-28 Vdc
Current Consumption	Normal: 20 mA
	+ 10mA when IN active
	Max 180 mA
Warning threshold	N.A.
Alarm threshold	N.A.
Working temperature	-10°C +50
Storage temperature	-30° C + 70° C
Humidity (RH%)	95% non condensing
Color	Ral 9002
Weight	90 g
Dimensions (height std. 19" rack 3HE)	L. 25 mm P. 150 mm

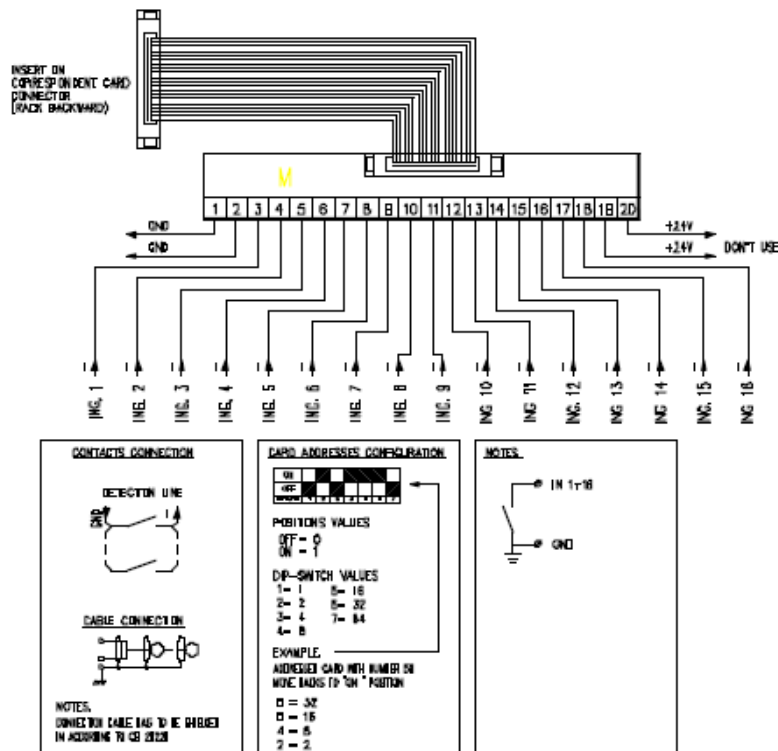
(*)NOTE: Indicates revision index

4 WIRING:

The card is equipped with terminal's board connected to the 1019 I/O rack by means of a flat cable. Customized further terminal strip can also be provided..



5 TYPICAL WIRING DIAGRAM:



RIPRODUZIONE VIETATA