

DF8I: 8 digital input module for NO contacts

DF8I modules allow to transmit, through the bus **Domino**, 8 ON-OFF signals derived from pushbuttons, switches, and any other free-potential contact supplied by a voltage reference available from the module itself.

DF8I input module provides a 2-pole terminal block for the connection to the bus; as for the majority of **Domino** modules, the bus itself carries the power supply for the module operation.

Near to the bus terminal block, a small pushbutton allows the address programming directly by the bus and a green LED shows when the module is ready to receive the address itself; the same LED normally flashes every 2 seconds about to signal that the module is properly operating. Under the cover of the bus terminal block, a small connector (PRG) allows the connection to the optional tester/programmer. A 9-pole terminal block allows the connection of the 8 input contacts and the common.

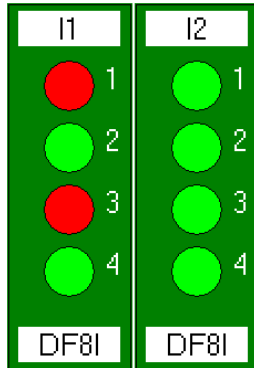
DF8I module takes, inside the **Domino** bus, *two consecutive input addresses*; assigning an address *n* to the module, it will take addresses *n* and *n+1*. A white label on the top panel allows the writing of the programmed module base address for an immediate visual identification. DF8I module is housed in a standard DIN 3M module.

For more details about the programming, refer to the related documentation.

Mapping

DF8I module can be displayed on the map of BDTools (release 6.0.1 or higher) as in the picture on this right side. Since DF8I has 2 addresses, it is represented as group of 2 modules with 4 inputs each one. As for all **Domino** modules, the background is in green color if the module is connected and properly working, otherwise the background is in red color.

As usual, each input is shown on the map in red or green color depending on the status of the related input.



Module connection

DF8I module can be connected to free-potential contacts supplied by the common pole (terminal C); following figure shows the proper connections to be made.



Technical characteristics

Power supply (bus side)	By specific centralized power supply mod. DFPW2
Number of inputs	8, potential-free contacts only
Current for each input contact	1mA (closed contact), 0mA (open contact)
Input voltage	5Vdc
MAX allowed length for input wires	10 meters
Operating temperature	-5 ÷ +50 °C
Storage temperature	-20 ÷ +70 °C
Protection degree	IP20

Outline dimensions

