

Digital Input Module DI138



The DI138 digital input module is a screw-in module for the System 2003 and Power Panel. It has 10 inputs for 24 VDC, two of which are equipped with counter functions. In addition, the module is equipped with supply voltage monitoring.

Short Description	7DI138.70
I/O Module	10 digital inputs 24 VDC, special functions
Digital Inputs	7DI138.70
Rated Voltage	24 VDC
Input Filter	
Hardware	
Inputs 5 and 6	≤3 μs
Other Inputs	≤1.3 ms
Software	-
Input Circuit	Sink
Additional Functions for Inputs	2 x event counter
Event Counter Operation	7DI138.70
Amount	2
Counter Size	16-bit
Input Frequency	20 kHz
Evaluation	Every rising edge or both edges, cyclical counters
Signal Form	Square wave pulse
General Information	7DI138.70
Certification	CE, C-UL-US, GOST-R
Electrical Isolation	
Channel - PLC	Yes
Channel - Channel	No
Power Input	0.4 W
Mechanical Characteristics	7DI138.70
Slot	Adapter module, CPU with local slots for System 2003 screw-in modules
Protection	IP20
Operating Temperature	
Horizontal Installation	0° C to +60° C
Vertical Installation	0° C to +50° C
Storage Temperature	-20° C to +70° C
Humidity	5 to 95% (non-condensing)
Remark	1 x TB712 terminal block sold separately

Required Accessories		
7TB712.9	Accessory, terminal block, 12-pin, screw clamps, 1.5 mm ²	682
7TB712.91	Accessory, terminal block, 12-pin, cage clamps, 1.5 mm ²	682