



### Main

Range of product	Modicon M340 automation platform
Product or component type	Discrete input module
Discrete input number	16
Discrete input voltage	100...120 V AC
Input compatibility	With 2-wire/3-wire proximity sensors IEC 60947-5-2
Ambient air temperature for operation	0...60 °C
Protective treatment	TC

### Complementary

Electrical connection	20-way connector
Discrete input type	Isolated
Input type	Capacitive
Discrete input current	5 mA
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Sensor power supply	20...26 V
Voltage state 1 guaranteed	≥ 74 V
Current state 1 guaranteed	≥ 2,5 mA
Voltage state 0 guaranteed	≤ 20 V
Current state 0 guaranteed	≤ 1 mA
Input impedance	13000 Ohm
Insulation resistance	> 10 MOhm 500 V DC
Power dissipation in W	≤ 3,8 W
AC activation filtering time	10 ms
AC deactivation filtering time	20 ms
MTBF reliability	1504958 h
Protection type	1 external fuse per group of channel 0,5 A fast blow
Voltage detection threshold	< 40 V DC sensor fault > 82 V DC sensor OK
Status LED	1 LED red module error (ERR) 1 LED red module I/O 1 LED green module operating (RUN) 1 LED per channel green channel diagnostic
Product weight	0,115 kg

## Environment

IP degree of protection	IP20
Standards	CSA 22-2 No 142 IEC 1131-2 IEC 664 NF C 63-850 UL 508 UL 746C
Dielectric strength	1500 V AC 50/60 Hz 1 min
Relative humidity	10...95 % without condensation
RoHS EUR conformity date	0805
RoHS EUR status	Compliant