



Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete input module
Discrete input number	16 capacitive isolated EN/IEC 61131-2 type 2
Discrete input voltage	110 V AC
Electrical connection	Screw terminal
Protective treatment	TC

Complementary

Network frequency	50/60 Hz 47...63 Hz AC
Sensor power supply	85...132 V
Input compatibility	With 2-wire/3-wire proximity sensors EN/IEC 60947-5-2
Discrete input current	12 mA
Voltage state1 guaranteed	74 V
Current state 1 guaranteed	6 mA
Voltage state 0 guaranteed	20 V
Current state 0 guaranteed	4 mA
Input impedance	9200 Ohm at state 1
Response time	10 ms <= 20 ms
Insulation resistance	< 10 MOhm 500 V DC
Power dissipation	0.83 W
Marking	CE
Current consumption	80 mA 5 V DC
Module format	Standard
Product weight	0.32 kg

Environment

Dielectric strength	1500 V AC 50/60 Hz
Standards	73/23/EEC 89/336/EEC 92/31/EEC 93/68/EEC CSA 22-2 No 142 CSA 22-2 No 213 Class I Division 2 Group A CSA 22-2 No 213 Class I Division 2 Group B CSA 22-2 No 213 Class I Division 2 Group C CSA 22-2 No 213 Class I Division 2 Group D EN/IEC 61131-2 IEC 60664 UL 508
Product certifications	ABS BV DNV (Det Norske Veritas) GL LR RINA RMRS
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation for storage 10...95 % without condensation for operation
Operating altitude	0...2000 m
IP degree of protection	IP20
Pollution degree	2
RoHS EUR conformity date	0908
RoHS EUR status	Compliant