

Price* : 239.00 GBP



Main

Range of product	Modicon Premium Automation platform
Product or component type	Discrete input module
Discrete input number	16 resistive isolated 16 resistive isolated conforming to EN/IEC 61131-2 type 2
Discrete input voltage	24 V AC 24 V DC negative
Network frequency	50/60 Hz 47...63 Hz AC
Sensor power supply	19...30 V DC 20...26 V AC
Input compatibility	With 2-wire/3-wire proximity sensors conforming to EN/IEC 60947-5-2
Discrete input current	15 mA AC 16 mA DC

Complementary

Voltage state 1 guaranteed	≤ 10 V DC 10 V AC
Current state 1 guaranteed	≥ 6.5 mA DC 6 mA AC
Voltage state 0 guaranteed	≥ 19 V DC 5 V AC
Current state 0 guaranteed	≤ 2 mA DC 4 mA AC
Input impedance	1600 Ohm at state 1
Response time	15 ms ≤ 20 ms
Insulation resistance	< 10 MOhm 500 V DC
Power dissipation	(1 W + 0.4 W x No of channels used) DC 0.89 W AC
Electrical connection	Screw terminal
Marking	CE
Current consumption	80 mA 5 V DC
Module format	Standard
Product weight	0.31 kg

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Dielectric strength	1500 V AC at 50/60 Hz
Standards	EN/IEC 61131-2 CSA C22.2 No 142 CSA C22.2 No 213 Class I Division 2 Group C IEC 60664 89/336/EEC 73/23/EEC CSA C22.2 No 213 Class I Division 2 Group B CSA C22.2 No 213 Class I Division 2 Group D UL 508 93/68/EEC CSA C22.2 No 213 Class I Division 2 Group A 92/31/EEC
Product certifications	ABS RMRS BV LR GL DNV RINA
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-25...70 °C
Relative humidity	10...95 % without condensation for operation 5...95 % without condensation for storage
Operating altitude	0...2000 m
Protective treatment	TC
IP degree of protection	IP20
Pollution degree	2

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0925 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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