

Product data sheet

Specifications



AS-Interface - modular - 2 I - 0..20 mA/4..20 mA DC - IP20

ASI20MA2VI

⚠ Discontinued on: Dec 31, 2016

⚠ End-of-service on: Jan 22, 2021

⚠ Discontinued

Main

Range of product	Advantys
Product or component type	Modular interface
Range compatibility	AS-Interface cabling system
Actuator sensor interface profile [AS-i]	S7.3.F.D
Number of addresses	0...31
Input compatibility	Analogue sensor
Analogue input type	Current 0...20 mA/4...20 mA DC
Supply	Sensor via AS-Interface line

Complementary

AS-i version	V2.1
[Us] rated supply voltage	26.5...31.6 V DC AS-Interface line
Current consumption	<= 250 mA AS-Interface line 60 mA no load AS-Interface line
Analogue input number	2
maximum permissible current	24 mA
Input impedance	250 Ohm
Analogue input resolution	12 bits
Refresh time	< 50 ms
Overvoltage category	II conforming to EN/IEC 60664-1
Fixing mode	By 2 screws 0.1 in (3 mm) panel Clip-on 35 mm symmetrical DIN rail horizontal
Housing material	Polycarbonate
Flame retardance	V0 UL 94
Electrical connection	Removable terminal block AS-Interface line Removable terminal block sensor side
Local signalling	1 LED (green) for AS-Interface power on 1 LED (red) for fault status
Width	1.0 in (25 mm)
Height	3.4 in (87 mm)
Depth	3.03 in (77 mm)
Net weight	0.20 lb(US) (0.09 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

Product certifications	CSA UL
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
IP degree of protection	IP20 conforming to EN/IEC 60529
Shock resistance	15 gn 11 ms EN/IEC 60068-2-27
Vibration resistance	+/-1 mm 2...13.2 Hz) 1 gn 13.2...100 Hz)
Resistance to electrostatic discharge	8 kV EN/IEC 61000-4-2 level 3
Resistance to radiated fields	9.1 V/yd (10 V/m) EN/IEC 61000-4-3
Resistance to fast transients	2 kV EN/IEC 61000-4-4
Pollution degree	2 EN/IEC 60664-1

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer

Lifetime extension	
Repair	No