

Product datasheet

Specifications



AS-Interface - modular - 2 I - 0..10 V DC - IP20

ASI20MA2VU

⚠ Discontinued on: 7 Sept 2022

EAN Code: 3389110117837

⚠ 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	Voltage 0...10 V (0...10000 decimal) DC
Supply	Sensor: via AS-Interface line

Complementary

AS-i version	V2.1
[Us] rated supply voltage	26.5...31.6 V DC for AS-Interface line
Current consumption	<= 250 mA for AS-Interface line 60 mA on no load for AS-Interface line
Analogue input number	2
Maximum permissible voltage	14 V
Input impedance	20000 Ohm
Analogue input resolution	12 bits
Refresh time	< 50 ms
Overvoltage category	II conforming to EN/IEC 60664-1
Fixing mode	By 2 screws diameter: 3 mm on panel Clip-on on 35 mm symmetrical DIN rail, operating position: horizontal
Housing material	Polycarbonate
Flame retardance	V0 conforming to UL 94
Electrical connection	Removable terminal block for AS-Interface line Removable terminal block for sensor side
Local signalling	1 LED (green) for AS-Interface power on 1 LED (red) for fault status
Width	25 mm
Height	87 mm
Depth	77 mm
Net weight	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	-20...60 °C
Ambient air temperature for storage	-40...85 °C
IP degree of protection	IP20 conforming to EN/IEC 60529
Shock resistance	15 gn for 11 ms conforming to EN/IEC 60068-2-27
Vibration resistance	+/-1 mm (f = 2...13.2 Hz) 1 gn (f = 13.2...100 Hz)
Resistance to electrostatic discharge	8 kV conforming to EN/IEC 61000-4-2 level 3
Resistance to radiated fields	10 V/m conforming to EN/IEC 61000-4-3
Resistance to fast transients	2 kV conforming to EN/IEC 61000-4-4
Pollution degree	2 conforming to EN/IEC 60664-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.0 cm
Package 1 Width	9.7 cm
Package 1 Length	8.5 cm
Package 1 Weight	88.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	12
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.281 kg

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