Product data sheet
Characteristics

ASISAFEMON1
AS-Interface - Safety at work monitor - 2 NO

Main

Commercial Status	Commercialised
Product or component type	AS-Interface Safety at work monitor
AS-i profile	7.F
Product specific application	For basic monitoring of safety devices
Number of safety circuits	2 NO
Discrete output number	1

Complementary

Output type	Solid state
[Us] rated supply voltage	24 V DC (+/- 15 %)
Current consumption	44 mA AS-Interface line
[Ie] rated operational current	0.15 A
Response time	< 40 ms
Pick up duration	< 10000 ms
Input type	Opto-electronic coupler, 10 mAat 24 V for start function Opto-electronic coupler, 10 mAat 24 V for protection control function
Discrete output type	PNP transistor output(s), 0.2 mA safety on signalling
Protection type	External fuse
Associated fuse rating	<= 4 A
Enclosure material	Polyamide PA66
Fixing mode	Clip-on, mounting on symmetrical DIN rail conforming to EN 50022
Local signalling	1 LED yellow, function: restart signal 1 LED red, function: safety outputs open (on steady) or output error (flashing) 1 LED red, function: AS-Interface line fault 1 LED green, function: safety outputs closed 1 LED green, function: AS-Interface line supply
Product weight	0.35 kg

Environment

Standards	EN 50081-2 EN 50295 EN 574 EN 61000-6-2 EN 954-1 category 4 EN/IEC 60204-1 EN/IEC 60947-5-1 EN/IEC 61496-1 IEC 61508 ISO 13849-1 category 4 ISO 13851
Product certifications	CSA TÜV UL
IP degree of protection	IP20
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-30...70 °C

Contractual warranty

Period	18 months

Schneider Electric