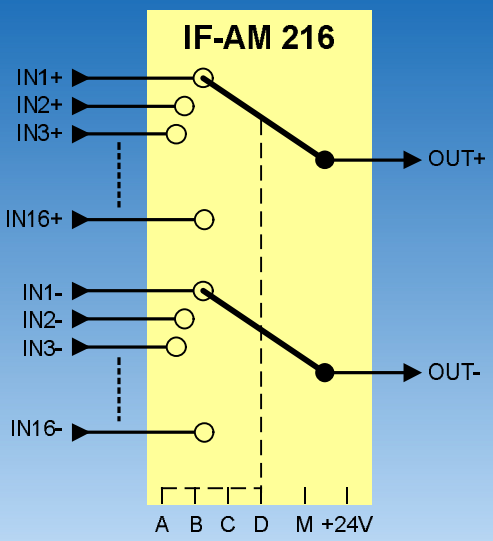
IF-AM 216

Analog Multiplexer 2 x 16 channels



The analog multiplexer IF-AM 216 reduced the cost of your industrial automations requiring the acquisition of a lot of analog information.

It's an ideal solution for the acquisition of information with a moderate frequency such as the temperature in the industrial facilities or in the home automation.

The analog multiplexers IF-AM 216 are products developed and manufactured by Easy SA and they are guaranteed for 12 months.

The analog multiplexers IF-AM 216 are easy to use and to install, they have a bracket for DIN rail, disconnectable screw terminal and a control led.

Features

- 2 * 16 single channels or 16 pairs of channels
- 3.3 V analog signals
- low internal resistance
- 12-36 VDC power supply
- 4 control signal 24 VDC

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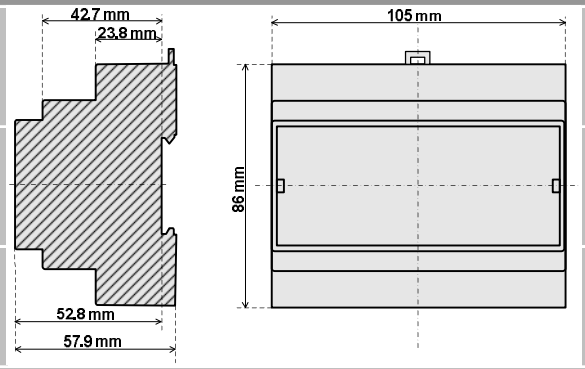
Technical Data	IF-AM 216
Analog inputs	32 (16 for each channel)
Analog outputs	2 (1 for each channel)
Internal resistance	per line: 0.7 Ω typical, 1 Ω max.; per channel: 1.4 Ω typique, 2 Ω max.
Crosstalk	- 80 dB
Operating temperature	-10 to + 50 °C
Switching time	< 1 ms
Control	4 digital inputs of 24 VDC
Monitoring	1 LED "Multiplexer ON"
Fixing	DIN rail

Sizes	IF-AM 216	
Height	105 mm	
Length	86 mm	
Depth	58 mm	
Weight	0.145 kg	
Protection	IP 20	

Electrical interface	IF-AM 216
Power supply voltage	12 - 36 VDC, 24 VDC nominal
Power supply current	< 10 mA
Control signals	Level "1": > 4 VDC, Level "0": < 2 VDC
Connexions	4 connectors of 10 pins, pitch 3.5 mm, screw connection, section 0.14 - 1.5 mm^2

Control Signals				Multiplexing	
D	C	B	A	Out+	Out-
0	0	0	0	In1+	In1-
0	0	0	1	In2+	In2-
0	0	1	0	In3+	In3-
0	0	1	1	In4+	In4-
0	1	0	0	In5+	In5-
0	1	0	1	In6+	In6-
0	1	1	0	In7+	In7-
0	1	1	1	In8+	In8-
1	0	0	0	In9+	In9-
1	0	0	1	In10+	In10-
1	0	1	0	In11+	In11-
1	0	1	1	In12+	In12-
1	1	0	0	In13+	In13-
1	1	0	1	In14+	In14-
1	1	1	0	In15+	In15-
1	1	1	1	In16+	In16-

Analog signals	IF-AM 216
Max. voltage per channel	3.3 V
Max. current per channel	150 mA

Order information	IF-AM 216
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