

AC1207

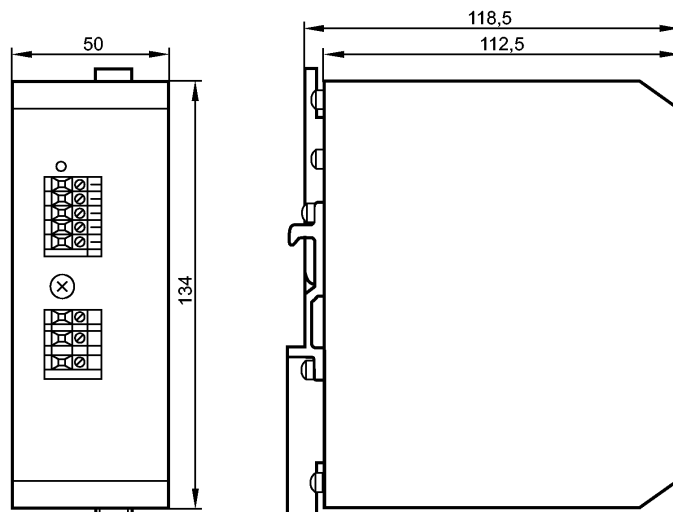
PowerSupply 24VDC 2.8A

AS-Interface bus system

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Alternative article: AC1257

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Product characteristics

Power supply

DC convertor 24 V DC for AS-i system voltage

Integrated data decoupling

Application

Application

AS-i system voltage for masters, sensors, actuators and modules

Electrical data

Input voltage range	[V]	18...32 DC
Nominal voltage	[V]	24 DC
Output voltage (AS-i)	[V]	29.5...31.6 DC; according to PELV
Output current (AS-i)	[A]	2.8
Residual ripple	[mV]	< 50
Efficiency	[%]	88
Short-circuit protection		yes
Overload protection		yes
Fuse	[A]	10; built in
Back-up fuse		> 10A
Power-on delay time	[ms]	42
Derating	[W/K]	1 (60...70 °C)
Mains buffering time	[ms]	> 10

Environment

Ambient temperature	[°C]	-10...60
Protection		IP 20

Tests / approvals

EMC	EN60950/A2 1993 EN 50081-1 EN 61000-6-2
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MTTF	[Years]	29
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AS-i classification

AS-i certificate	in preparation
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Mechanical data

Housing materials	aluminum
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Weight	[kg]	0.645
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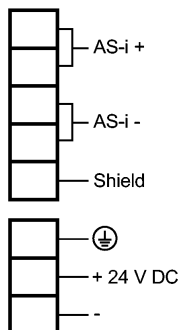
Displays / operating elements

Function display	LED	green
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Electrical connection

Connection	terminals up to 2.5 mm²
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Wiring



Remarks

Pack quantity	[piece]	1
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