

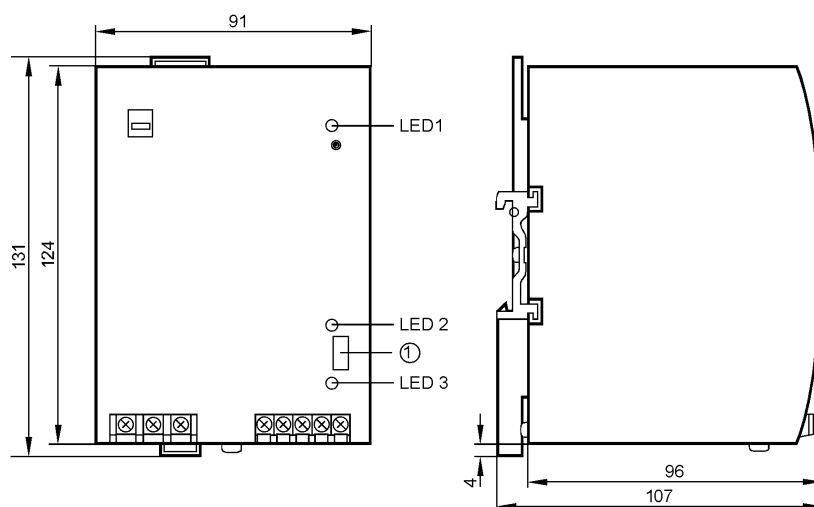
AC1218

PowerSupply SilverLine

AS-Interface bus system

Alternative article: AC1258

When selecting an alternative article and accessories please note that technical data may differ!



1: Jumper



Product characteristics

Power supply

AS-i power supply 115/230 V AC

Integrated data decoupling

Jumper to deactivate the AS-i communication

240 watts

Application

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

Electrical data

Input voltage range	[V]	85...132 AC / 184...264 AC
Nominal voltage	[V]	115 / 230 AC *)
Nominal frequency	[Hz]	47...63
Output voltage (AS-i)	[V]	29.5...31.6 DC; according to PELV
Output current (AS-i)	[A]	8
Residual ripple	[mV]	< 50
Efficiency	[%]	92
Short-circuit protection		electronic deactivation after 2...5 s / reset via pushbutton
Overload protection		yes
Fuse	[A]	8
Back-up fuse		10 A (or higher)
Power-on delay time	[ms]	typ. 100
Derating	[W/K]	6 (60...70 °C)
Mains buffering time	[ms]	> 10

Outputs

Output 240 watts

Environment


Ambient temperature [°C] -10...70

Protection IP 20

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Tests / approvals		
EMC	EN 50081-1 EN 61000-6-2 CE: IEC 60950 (1999)	
MTTF	[Years]	99
AS-i classification		
AS-i certificate	42101	
Mechanical data		
Housing materials	aluminum; steel sheet galvanised	
Weight	[kg]	1.009
Displays / operating elements		
Function display	LED	LED 1 red (flashes in case of short circuit, overload (excess temperature)) LED 2 red (IR-addressing) LED 3 green (goes off in case of overload U < 28 V)
Electrical connection		
Connection	terminals up to 4 mm²	
Wiring		
<div><div><div></div><div></div><div></div></div><div>N L1 </div></div> <div><div></div><div></div><div></div><div></div><div></div><div></div></div> <div>AS-i + AS-i - AS-i + AS-i - shield</div>		
Remarks		
Remarks	*) selectable	
Pack quantity	[piece]	1

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