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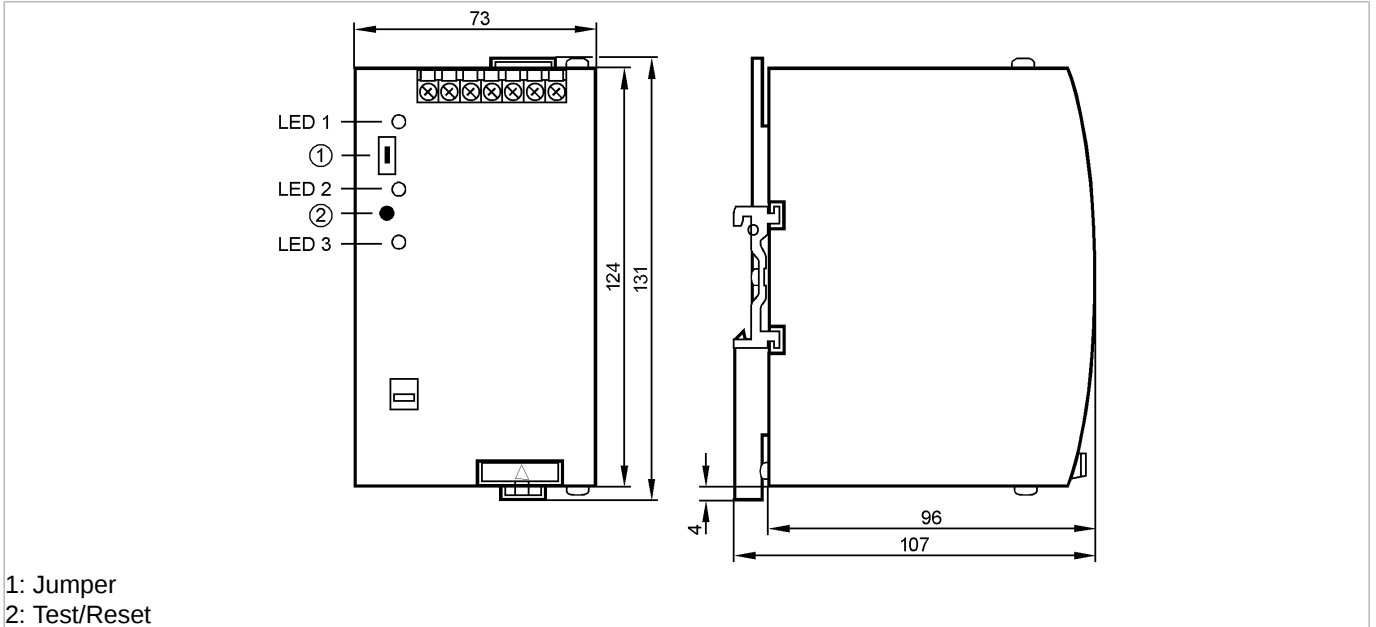
ecomat300

AC1224



PowerSupply 115/230VAC 4A

AS-Interface bus system



- 1: Jumper
- 2: Test/Reset



Product characteristics

Power supply

AS-i power supply 115/230 V AC

Integrated data decoupling

Jumper to deactivate the AS-i communication

Earth fault monitor integrated

120 Watt

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]	4
Residual ripple	[mV]	< 50
Efficiency	[%]	90
Short-circuit protection		electronically protected
Overload protection		yes
Fuse		time-lag 3 A15 / 250 V integrated (not accessible)
Back-up fuse		6 A (or higher)
Power-on delay time	[ms]	typ. 100
Derating	[W/K]	3 (60...70 °C)
Mains buffering time	[ms]	> 10

Outputs

Output	120 Watt
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Environment

Ambient temperature	[°C]	-10...70
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Protection	IP 20
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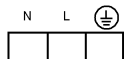
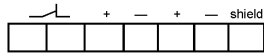
Tests / approvals

EMC	EN 50081-1
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AC1224 - Power supply - eclass: 27259090 / 27-25-90-90

		EN 61000-6-2 EN 61000-3-2 CE: IEC 60950 (1999)
MTTF	[Years]	139
AS-i classification		
AS-i certificate		42301
Mechanical data		
Housing materials		aluminum; steel sheet galvanised
Weight	[kg]	0.743
Displays / operating elements		
Function display	LED	LED 1 green (goes out in case of overload U < 28 V) LED 2 red (IR-addressing) LED 3 red (earth fault)
Electrical connection		
Connection		terminals up to 4 mm ²

Wiring



Remarks

Remarks		*) selectable
Pack quantity	[piece]	1

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