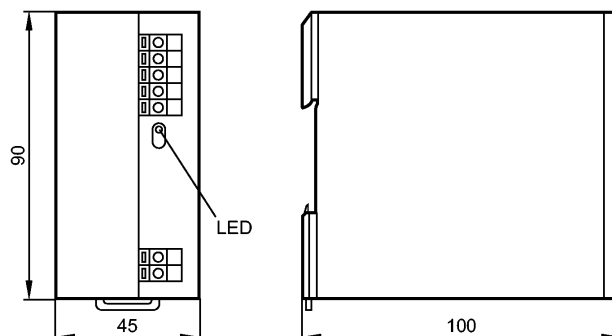


AC1221

PSU-1AC/ASI-1.9A

Bus system AS-Interface



Product characteristics

Power supply

AS-i power supply 100...240 V AC

Integrated data decoupling

60 Watt

Application

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

Electrical data

Input voltage range	[V]	100...240 AC ($\pm 10\%$)
Nominal frequency	[Hz]	47...63
Output voltage (AS-i)	[V]	29.5...31.6 DC
Output current (AS-i)	[A]	1.9
Residual ripple	[mV]	< 50
Efficiency	[%]	88 (230 V AC / 24 V DC)
Short-circuit proof		yes
Overload protection		yes
Overvoltage protection	[V]	< 34
Fuse	[A]	10; external, characteristics B
Power-on delay time	[ms]	≤ 380
Derating	[W/K]	2% / K ($> +60^{\circ}\text{C}$)
Mains buffering time	[ms]	90 (230 V AC)
Protection class		II

Outputs

Output 60 Watt

Environment

Ambient temperature	[°C]	0...70
Protection		IP 20

Tests / approvals

EMC	EN 61000-6-2 EN 61000-6-3
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AS-i classification

AS-i certificate	91001
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Mechanical data

Housing materials	PC; ABS
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AC1221

PSU-1AC/ASI-1.9A

Bus system AS-Interface

Installation	rail TH35 (to EN 60715)
Weight [kg]	0.35

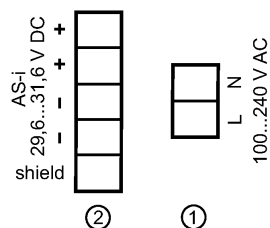
Displays / operating elements

Function display	LED	green (indication AS-i voltage)
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Electrical connection

Connection	cage clamps; Core cross-section $\leq 1.5 \text{ mm}^2$ (AWG16)
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Wiring



- 1: primary
2: secondary

Remarks

Remarks	Observe the free space for convection (30 mm)
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Pack quantity [piece]	1
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